

# **Annual Report**

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# **Analyses of Official Fertilizer Samples**

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July 2018 – June 2019



Division of Regulatory Services  
Lexington, Kentucky 40546-0275  
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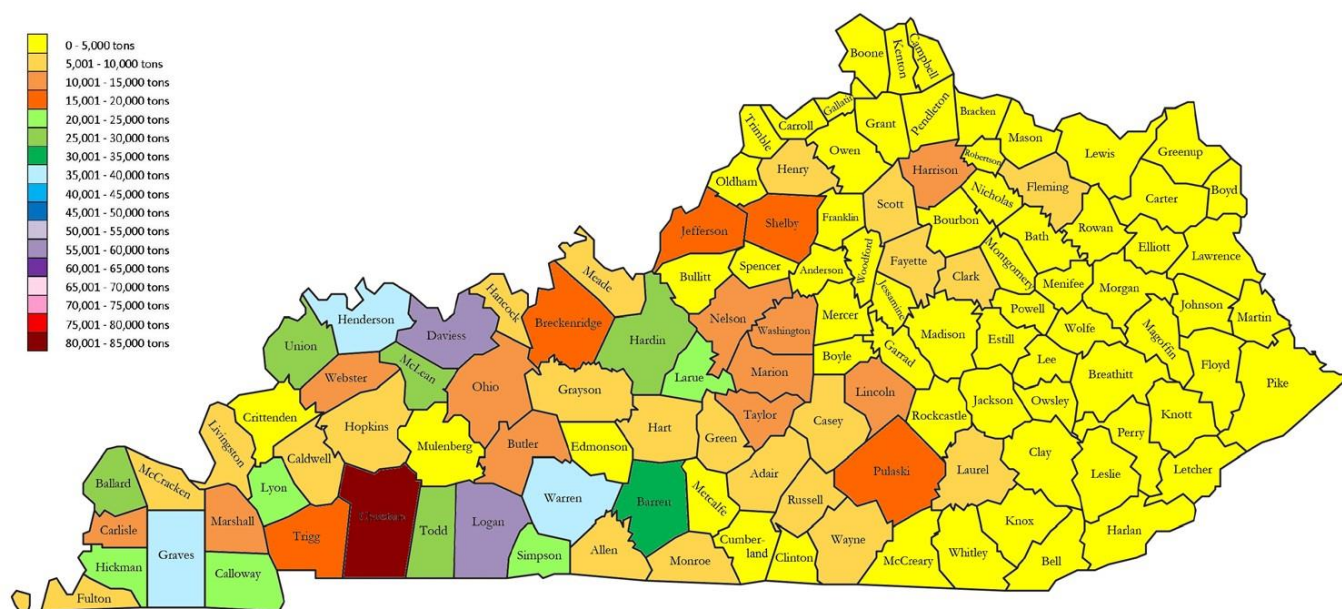


## INTRODUCTION

This bulletin presents the results of the analysis of 2,691 official samples of commercial fertilizer taken during the period of July 1, 2018 through June 30, 2019 by the field inspection staff. The samples represented approximately 61,000 tons of fertilizer out of the approximately 1,058,000 tons sold during this period. The Laboratory made 2,206 nitrogen, 1,757 phosphorus, 1,871 potassium, and 1,371 secondary and minor element analyses on these samples. Table 1 shows the manufacturers whose product the field inspection staff sampled, along with the number of samples taken and the percentage of those samples that passed. Table 2 shows the detailed N, P<sub>2</sub>O<sub>5</sub>, and K<sub>2</sub>O analyses of samples of mixed fertilizers and fertilizer materials. Table 3 contains the results of secondary and minor element analyses. Table 4 is a listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of June 30, 2019.

## Distribution of Fertilizer in Kentucky

July 2017 through June 2018



**Commercial Fertilizer Values for Calendar Years**

Under provision of Chapter 250.401 of the Kentucky Law of 1995 the following unit values were used in assessing penalties for deficient fertilizer.

| Nutrient                                          | 2018                          | 2019     |
|---------------------------------------------------|-------------------------------|----------|
|                                                   | <b>Dollars/Unit (20 lbs.)</b> |          |
| Total Nitrogen (N)                                | \$8.55                        | \$9.44   |
| Avail. Phosphate (P <sub>2</sub> O <sub>5</sub> ) | \$7.15                        | \$8.60   |
| Soluble Potash (K <sub>2</sub> O)                 |                               |          |
| Tobacco (Low CL)                                  | \$14.29                       | \$14.13  |
| Non-Tobacco                                       | \$5.49                        | \$6.30   |
| Calcium (Ca)                                      | \$6.76                        | \$5.41   |
| Magnesium                                         | \$31.69                       | \$33.09  |
| Sulfur (S)                                        | \$9.45                        | \$9.40   |
| Boron (B)                                         | \$109.91                      | \$122.18 |
| Copper (Cu)                                       | \$166.67                      | \$166.67 |
| Iron (Fe)                                         | \$16.50                       | \$13.81  |
| Manganese (Mn)                                    | \$35.71                       | \$35.71  |
| Molybdenum (Mo)                                   | \$20.20                       | \$20.20  |
| Zinc (Zn)                                         | \$51.50                       | \$53.16  |

These values are statewide averages taken from a survey conducted in December of the preceding year. No attempt was made to distinguish between bag, bulk, or liquid; or, blends and manufactured products.



## Total Fertilizer Summary

Division of Regulatory Services

July 2018 through June 2019

|                | Container    |           |            |            | Use          |           |
|----------------|--------------|-----------|------------|------------|--------------|-----------|
|                | Total        | Bagged    | Bulk       | Liquid     | Farm         | Non-Farm  |
| Multi-Nutrient | 380,135.48   | 49,608.84 | 315,380.31 | 15,146.33  | 343,746.95   | 36,388.53 |
| Nitrogen       | 447,644.80   | 13,653.08 | 157,114.12 | 276,877.61 | 442,421.04   | 5,223.76  |
| Phosphate      | 3,466.85     | 26.48     | 3,315.71   | 124.66     | 3,465.23     | 1.62      |
| Potash         | 205,446.62   | 18,134.04 | 186,266.06 | 1,046.52   | 204,502.50   | 944.13    |
| Organics       | 875.45       | 209.32    | 255.20     | 410.93     | 731.06       | 144.39    |
| Sec/Micro      | 7,111.83     | 2,114.35  | 3,948.56   | 1,048.92   | 6,448.64     | 663.19    |
| Miscellaneous  | 13,363.57    | 1,900.06  | 10,601.17  | 862.33     | 12,056.01    | 1,307.56  |
| Total          | 1,058,044.59 | 85,646.18 | 676,881.13 | 295,517.29 | 1,013,371.41 | 44,673.18 |

Percentage by container:

|        |        |
|--------|--------|
| Bagged | 8.10%  |
| Bulk   | 63.97% |
| Liquid | 27.93% |

Percentage by use:

|          |        |
|----------|--------|
| Farm     | 95.78% |
| Non-Farm | 4.22%  |



## Regulatory Bulletin 339

### 2018-2019 Analysis of Official Fertilizer Samples



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## Table 1 Standing of Manufacturers



**TABLE 1: STANDING OF MANUFACTURERS**

| <b>Manufacturer, City and State</b>                  | <b>No. of Samples</b> | <b>No. Passed</b> | <b>% Passed</b> |
|------------------------------------------------------|-----------------------|-------------------|-----------------|
| Advanced Micronutrient Products - Reese, MI          | 4                     | 4                 | 100%            |
| Advanced Turf Solutions - Fishers - Fishers, IN      | 1                     | 0                 | 0%              |
| Ag Distributors Inc - Nashville, TN                  | 14                    | 14                | 100%            |
| Agri-Chem - Herndon - Herndon, KY                    | 9                     | 9                 | 100%            |
| Agri-Chem - Hopkinsville - Hopkinsville, KY          | 12                    | 11                | 92%             |
| Agri-Chem - Princeton - Princeton, KY                | 1                     | 1                 | 100%            |
| AgriGro Farm Center, Inc. - Hartford, KY             | 15                    | 15                | 100%            |
| Agriport Terminal - Eddyville, KY                    | 57                    | 56                | 98%             |
| Agrium U.S. A Subsidiary of Nutrien Ltd - Loveland   | 1                     | 1                 | 100%            |
| AgroLiquid Fertilizer - St. Johns, MI                | 20                    | 12                | 60%             |
| Allen County Farmers Service, Inc. - Scottsville, KY | 10                    | 10                | 100%            |
| Anderson County Farm Service, Inc. - Lawrencebur     | 3                     | 3                 | 100%            |
| Anuvia Florida LLC - Zellwood, FL                    | 1                     | 1                 | 100%            |
| Ballard County Coop., Inc. - La Center, KY           | 17                    | 15                | 88%             |
| Bandana Ag, Inc. - La Center, KY                     | 17                    | 17                | 100%            |
| Bickett Ag - Central City - Central City, KY         | 10                    | 8                 | 80%             |
| Bickett Ag - Morganfield - Morganfield, KY           | 4                     | 4                 | 100%            |
| Bluegrass Seed & Fertilizer, Inc. - Bardstown, KY    | 10                    | 10                | 100%            |
| Borates Plus Inc - Apopka, FL                        | 1                     | 1                 | 100%            |
| C.D. Poore Fertilizer - Albany, KY                   | 7                     | 4                 | 57%             |
| Cameron Chemicals Inc - Virginia Beach, VA           | 6                     | 3                 | 50%             |
| Central Crop Care - Crab Orchard, KY                 | 20                    | 19                | 95%             |
| Central Farmers Supply, Inc. - Greensburg, KY        | 10                    | 9                 | 90%             |
| Central Garden & Pet - Franklin, WI                  | 2                     | 2                 | 100%            |
| Central Garden & Pet Garden Division - Atlanta, G    | 3                     | 2                 | 67%             |
| CGB Fertilizer - Jeffersonville, IN                  | 14                    | 14                | 100%            |
| CHS Crop Nutrients - St. Paul, MN                    | 11                    | 11                | 100%            |
| CHS Crop Nutrients - Melbourne - Melbourne, KY       | 1                     | 1                 | 100%            |
| CHS Crop Nutrients - Owensboro - Owensboro, KY       | 5                     | 4                 | 80%             |
| Clements Ag Supply - Springfield, KY                 | 14                    | 12                | 86%             |
| CNI Agriminerals, LLC - Albany, GA                   | 1                     | 1                 | 100%            |
| Compass Minerals USA Inc - Overland Park, KS         | 2                     | 2                 | 100%            |
| Corbin Farm & Garden Center, Inc. - Corbin, KY       | 1                     | 1                 | 100%            |
| Darling Ingredients Inc - TX - Irving, TX            | 26                    | 19                | 73%             |
| DeltAg - Greenville, MS                              | 1                     | 1                 | 100%            |
| Dr. Earth Inc - Winters, CA                          | 4                     | 3                 | 75%             |
| Drake's Farm Service, Inc. - Morgantown, KY          | 11                    | 11                | 100%            |

**TABLE 1: STANDING OF MANUFACTURERS**

| <b>Manufacturer, City and State</b>                     | <b>No. of Samples</b> | <b>No. Passed</b> | <b>% Passed</b> |
|---------------------------------------------------------|-----------------------|-------------------|-----------------|
| Drexel Chemical Company - Memphis, TN                   | 1                     | 1                 | 100%            |
| Easy Gardener - Waco, TX                                | 8                     | 6                 | 75%             |
| Eau Claire CO-OP Oil Company - Eau Claire, WI           | 3                     | 2                 | 67%             |
| EcoScraps - Marysville, OH                              | 1                     | 1                 | 100%            |
| EnviroKure Inc - Philadelphia, PA                       | 1                     | 1                 | 100%            |
| Espoma Company - Millville, NJ                          | 5                     | 4                 | 80%             |
| Farm Ag Sales, LLC dba C & F Farm Supply - Hisevill     | 10                    | 10                | 100%            |
| Farmers Fertilizer - Bowling Green - Bowling Gree       | 10                    | 9                 | 90%             |
| Farmers Fertilizer - Bowling Green - Bowling Gree       | 10                    | 9                 | 90%             |
| Farmers Fertilizer - Smiths Grove - Smiths Grove, K     | 10                    | 7                 | 70%             |
| Ferti Technologies - Saint-Michael, QC                  | 1                     | 1                 | 100%            |
| Fleming County Farm Supply - Flemingsburg, KY           | 34                    | 31                | 91%             |
| Foxfarm Soil & Fertilizer Company - Arcata, CA          | 1                     | 1                 | 100%            |
| Frit Industries - Ozark, AL                             | 1                     | 1                 | 100%            |
| Galaxy Sulfur LLC - Valdosta, GA                        | 1                     | 1                 | 100%            |
| Gaskins Fertilizer - Russell Springs, KY                | 15                    | 14                | 93%             |
| GAVILON FERTILIZER INC - E. PEORIA, IL                  | 4                     | 4                 | 100%            |
| Green River Feed Mill, Inc. - Morgantown, KY            | 10                    | 9                 | 90%             |
| GreenPoint Ag, LLC - Hardinsburg, KY                    | 19                    | 19                | 100%            |
| Gro Tec Inc - Madison, GA                               | 30                    | 19                | 63%             |
| Growmark Inc - Bloomington, IL                          | 1                     | 1                 | 100%            |
| Hancock County Farm Supply, Inc. - Hawesville, KY       | 3                     | 3                 | 100%            |
| Helena Agri-Enterprises - Hazel - Hazel, KY             | 11                    | 10                | 91%             |
| Helena Agri-Enterprises - Hickman - Hickman, KY         | 12                    | 12                | 100%            |
| Helena Agri-Enterprises, LLC - Collierville - Colliervi | 24                    | 24                | 100%            |
| Henry Farmers Cooperative - Murray - Murray, KY         | 10                    | 8                 | 80%             |
| Henry Farmers Cooperative - Paris - Paris, TN           | 18                    | 18                | 100%            |
| Hilander Feed Company - Georgetown, KY                  | 2                     | 2                 | 100%            |
| Hinton Mills at Cynthiana - Cynthiana, KY               | 11                    | 11                | 100%            |
| Hydrite Chemical Company - Brookville, WI               | 3                     | 3                 | 100%            |
| IMC Outdoor Living a Division of Liberty Tire Recyc     | 6                     | 1                 | 17%             |
| Innvictis Crop Care LLC - Loveland, CO                  | 4                     | 3                 | 75%             |
| Italpollina USA - Anderson, IN                          | 2                     | 1                 | 50%             |
| J. A. Oldfield & Son, Inc. - Mize, KY                   | 32                    | 30                | 94%             |
| J. R. Peters - Allentown, PA                            | 1                     | 1                 | 100%            |
| Janes Fertilizer & Farm Supply - Columbia, KY           | 16                    | 13                | 81%             |
| JM Fertilizer - Tampa, FL                               | 1                     | 1                 | 100%            |



**TABLE 1: STANDING OF MANUFACTURERS**

| <b>Manufacturer, City and State</b>                    | <b>No. of Samples</b> | <b>No. Passed</b> | <b>% Passed</b> |
|--------------------------------------------------------|-----------------------|-------------------|-----------------|
| Kee's Farm Service & Supply, LLC. - Grayson, KY        | 12                    | 10                | 83%             |
| Ken's Value Center - Berry, KY                         | 4                     | 4                 | 100%            |
| Kentucky Fertilizer - Winchester - Winchester, KY      | 44                    | 33                | 75%             |
| Knox Fertilizer Company Inc - Knox, IN                 | 3                     | 2                 | 67%             |
| Lake Cumberland Farmers Coop. - Monticello, KY         | 3                     | 3                 | 100%            |
| Lilly Miller Brands - Atlanta - Atlanta, GA            | 3                     | 1                 | 33%             |
| Loveland Products, Inc. - Greeley, CO                  | 5                     | 5                 | 100%            |
| Marshall County Coop - Benton, KY                      | 13                    | 12                | 92%             |
| Martin Operating Partnership LP - Kilgore, TX          | 2                     | 2                 | 100%            |
| Mays Lick Mill - Mayslick, KY                          | 10                    | 9                 | 90%             |
| Mid States Ag Sales LLC - Lavergne, TN                 | 17                    | 17                | 100%            |
| Miracle-Gro Lawn Products, Inc. - Marysville, OH       | 15                    | 13                | 87%             |
| Monty's Plant Food - Louisville, KY                    | 7                     | 5                 | 71%             |
| Nachurs Alpine Solutions Corporation - Marion, O       | 1                     | 1                 | 100%            |
| NOT IN USAPLANTS - Lexington, KY                       | 2                     | 1                 | 50%             |
| Nutrien Ag Solutions - Russellville - Russellville, KY | 10                    | 10                | 100%            |
| Nutrien Ag Solutions - Campbellsville - Campbellsv     | 10                    | 7                 | 70%             |
| Nutrien Ag Solutions - Cecilia - Cecilia, KY           | 15                    | 11                | 73%             |
| Nutrien Ag Solutions - Clarkson - Clarkson, KY         | 10                    | 9                 | 90%             |
| Nutrien Ag Solutions - Clay - Clay, KY                 | 10                    | 10                | 100%            |
| Nutrien Ag Solutions - Clinton - Clinton, KY           | 4                     | 4                 | 100%            |
| Nutrien Ag Solutions - Clinton - Clinton, KY           | 10                    | 10                | 100%            |
| Nutrien Ag Solutions - Ekron - Ekron, KY               | 10                    | 10                | 100%            |
| Nutrien Ag Solutions - Fancy Farm - Fancy Farm, K      | 11                    | 11                | 100%            |
| Nutrien Ag Solutions - Greeley - Greeley, CO           | 202                   | 202               | 100%            |
| Nutrien Ag Solutions - Hardin - Hardin, KY             | 10                    | 8                 | 80%             |
| Nutrien Ag Solutions - Henderson - Henderson, KY       | 10                    | 9                 | 90%             |
| Nutrien Ag Solutions - Hodgenville - Hodgenville, K    | 1                     | 1                 | 100%            |
| Nutrien Ag Solutions - Horse Cave - Horse Cave, K      | 11                    | 9                 | 82%             |
| Nutrien Ag Solutions - Kevil - Kevil, KY               | 1                     | 1                 | 100%            |
| Nutrien Ag Solutions - Lebanon - Lebanon, KY           | 10                    | 10                | 100%            |
| Nutrien Ag Solutions - Liquid River Terminal - Owe     | 13                    | 11                | 85%             |
| Nutrien Ag Solutions - Morganfield - Morganfield,      | 10                    | 10                | 100%            |
| Nutrien Ag Solutions - Pembroke - Pembroke, KY         | 11                    | 11                | 100%            |
| Nutrien Ag Solutions - Riverport - Owensboro, KY       | 10                    | 10                | 100%            |
| Nutrien Ag Solutions - Sacramento - Sacramento,        | 10                    | 8                 | 80%             |
| Nutrien Ag Solutions - Sedalia - Sedalia, KY           | 12                    | 11                | 92%             |

**TABLE 1: STANDING OF MANUFACTURERS**

| <b>Manufacturer, City and State</b>                   | <b>No. of Samples</b> | <b>No. Passed</b> | <b>% Passed</b> |
|-------------------------------------------------------|-----------------------|-------------------|-----------------|
| Nutrien Ag Solutions - Shelbyville - Shelbyville, KY  | 11                    | 10                | 91%             |
| Nutrien Ag Solutions - Union City - Union City, TN    | 4                     | 1                 | 25%             |
| Nutrien Ag Solutions - Upton - Upton, KY              | 14                    | 14                | 100%            |
| Nutrien Ag Solutions - Waverly - Waverly, KY          | 11                    | 9                 | 82%             |
| Nutrien Ag Solutions Inc - Henderson, KY              | 9                     | 9                 | 100%            |
| Oregon Ag, LLC. - Lititz, PA                          | 1                     | 0                 | 0%              |
| Organic Laboratories Inc - Fort Pierce, FL            | 1                     | 1                 | 100%            |
| Otis Bryant & Son, Inc. - Caneyville, KY              | 10                    | 8                 | 80%             |
| Paducah-McCracken Riverport Authority - Paduca        | 10                    | 9                 | 90%             |
| Pearl Valley Farms dba Pearl Valley Organix - Pearl   | 3                     | 1                 | 33%             |
| Pinnacle Ag - Franklin - Franklin, KY                 | 10                    | 9                 | 90%             |
| Pinnacle Ag - Fancy Farm - Fancy Farm, KY             | 10                    | 10                | 100%            |
| Pinnacle Ag - Glasgow - Glasgow, KY                   | 10                    | 10                | 100%            |
| Pinnacle Ag - Hartford - Hartford, KY                 | 10                    | 10                | 100%            |
| Pinnacle Ag - Russellville - Russellville, KY         | 10                    | 10                | 100%            |
| Pinnacle Agriculture - Memphis, TN                    | 18                    | 18                | 100%            |
| Pinnacle Agriculture Distribution Inc - Loveland, C   | 31                    | 31                | 100%            |
| Plantation Products, Inc. - Norton, MA                | 2                     | 0                 | 0%              |
| Pleasant View Agri-Service - Auburn, KY               | 6                     | 5                 | 83%             |
| Pro Ag Sales & Service - Danville - Danville, KY      | 25                    | 23                | 92%             |
| Pro Solutions - Crofton - Crofton, KY                 | 10                    | 10                | 100%            |
| Pro Solutions - Springfield - Springfield, TN         | 19                    | 18                | 95%             |
| Reliance Ag - Russellville - Russellville, KY         | 11                    | 11                | 100%            |
| Reliance Ag - Trenton - Trenton, KY                   | 10                    | 9                 | 90%             |
| Rhodes Farm Supply - Scottsville, KY                  | 1                     | 1                 | 100%            |
| Rip's Farm Center - Tollesboro - Tollesboro, KY       | 25                    | 23                | 92%             |
| Rip's Farm Center - Wrigley - West Liberty, KY        | 8                     | 7                 | 88%             |
| Rogers Fertilizer & Services LLC - Lebanon, KY        | 15                    | 15                | 100%            |
| Rootblast International INC - Canton, OH              | 1                     | 1                 | 100%            |
| Scotts Miracle-Gro Products Inc - Marysville, OH      | 3                     | 3                 | 100%            |
| Security Seed & Chemical - Clarksville - Clarksville, | 3                     | 3                 | 100%            |
| Seventy Feeds LLC - Eubank, KY                        | 6                     | 6                 | 100%            |
| Solu-Cal USA LTD - West Warham, MA                    | 1                     | 0                 | 0%              |
| South Central Farm Supply - Gamaliel, KY              | 10                    | 10                | 100%            |
| Southern FS Inc - Hickman - Hickman, KY               | 11                    | 11                | 100%            |
| Southern FS, INC - Marion, IL                         | 21                    | 21                | 100%            |
| Southern States - Bowling Green - Bowling Green,      | 10                    | 10                | 100%            |

**TABLE 1: STANDING OF MANUFACTURERS**

| <b>Manufacturer, City and State</b>                    | <b>No. of Samples</b> | <b>No. Passed</b> | <b>% Passed</b> |
|--------------------------------------------------------|-----------------------|-------------------|-----------------|
| Southern States - Cadiz - Cadiz, KY                    | 10                    | 10                | 100%            |
| Southern States - Calhoun - Calhoun, KY                | 9                     | 8                 | 89%             |
| Southern States - Campbellsville - Campbellsville,     | 8                     | 6                 | 75%             |
| Southern States - Carlisle - Carlisle, KY              | 6                     | 6                 | 100%            |
| Southern States - Cynthiana - Cynthiana, KY            | 10                    | 9                 | 90%             |
| Southern States - Elizabethtown - Elizabethtown,       | 11                    | 10                | 91%             |
| Southern States - Elkton - Elkton, KY                  | 10                    | 10                | 100%            |
| Southern States - Eminence - Eminence, KY              | 11                    | 11                | 100%            |
| Southern States - Flemingsburg - Flemingsburg, KY      | 10                    | 9                 | 90%             |
| Southern States - Franklin - Franklin, KY              | 10                    | 10                | 100%            |
| Southern States - Georgetown - Georgetown, KY          | 11                    | 11                | 100%            |
| Southern States - Glasgow - Glasgow, KY                | 10                    | 10                | 100%            |
| Southern States - Hardinsburg - Hardinsburg, KY        | 11                    | 11                | 100%            |
| Southern States - Harrodsburg - Harrodsburg, KY        | 10                    | 10                | 100%            |
| Southern States - Henderson - Henderson, KY            | 10                    | 9                 | 90%             |
| Southern States - Hodgenville - Hodgenville, KY        | 10                    | 9                 | 90%             |
| Southern States - Hopkinsville - Hopkinsville, KY      | 11                    | 10                | 91%             |
| Southern States - Horse Cave - Horse Cave, KY          | 10                    | 9                 | 90%             |
| Southern States - Liberty - Liberty, KY                | 10                    | 9                 | 90%             |
| Southern States - London - London, KY                  | 8                     | 8                 | 100%            |
| Southern States - Maysville - Maysville, KY            | 11                    | 11                | 100%            |
| Southern States - Morganfield - Morganfield, KY        | 11                    | 11                | 100%            |
| Southern States - Owensboro - Owensboro, KY            | 11                    | 9                 | 82%             |
| Southern States - Owenton - Owenton, KY                | 10                    | 9                 | 90%             |
| Southern States - Owingsville - Owingsville, KY        | 11                    | 11                | 100%            |
| Southern States - Richmond - Richmond, KY              | 10                    | 10                | 100%            |
| Southern States - Richmond VA - Richmond, VA           | 382                   | 372               | 97%             |
| Southern States - Russellville - Russellville, KY      | 5                     | 5                 | 100%            |
| Southern States - Russellville Fertilizer Plant - Russ | 5                     | 5                 | 100%            |
| Southern States - Shelbyville - Shelbyville, KY        | 13                    | 11                | 85%             |
| Southern States - Somerset - Somerset, KY              | 10                    | 10                | 100%            |
| Southern States - Springfield - Springfield, KY        | 10                    | 5                 | 50%             |
| Southern States - Stanford - Stanford, KY              | 10                    | 9                 | 90%             |
| Southern States - Warsaw - Owenton, KY                 | 11                    | 11                | 100%            |
| Southern States - Winchester - Winchester, KY          | 9                     | 7                 | 78%             |
| Southern States Winchester Fertilizer Plant - Winc     | 52                    | 47                | 90%             |
| Stanley Crop Service - Owensboro, KY                   | 28                    | 28                | 100%            |

**TABLE 1: STANDING OF MANUFACTURERS**

| <b>Manufacturer, City and State</b>                   | <b>No. of Samples</b> | <b>No. Passed</b> | <b>% Passed</b> |
|-------------------------------------------------------|-----------------------|-------------------|-----------------|
| SUL4R Plus, LLC - Louisville, KY                      | 5                     | 4                 | 80%             |
| Sun Bulb Company, INC. - Arcadia, FL                  | 2                     | 2                 | 100%            |
| Swiss Farms Products - Las Vegas, NV                  | 5                     | 4                 | 80%             |
| Tennessee Farmers Coop - Lavergne - LaVergne, T       | 13                    | 13                | 100%            |
| The Scotts Company - Marysville, OH                   | 11                    | 11                | 100%            |
| Thomas Cayce Farm Supply, LLC - Princeton, KY         | 31                    | 29                | 94%             |
| Tiger-Sul Products LLC - Atmore, AL                   | 2                     | 2                 | 100%            |
| Tri-County Fertilizer Co., Inc. - Richmond, KY        | 19                    | 19                | 100%            |
| Turf Care Supply Corporation - Brunswick, OH          | 2                     | 1                 | 50%             |
| Valley Fertilizer Company - Edmonton, KY              | 10                    | 10                | 100%            |
| Voluntary Purchasing Group - Bonham, TX               | 2                     | 2                 | 100%            |
| Warner Fertilizer - Albany - Albany, KY               | 10                    | 8                 | 80%             |
| Warner Fertilizer - Campbellsville - Campbellsville,  | 10                    | 6                 | 60%             |
| Warner Fertilizer - Columbia - Columbia, KY           | 10                    | 10                | 100%            |
| Warner Fertilizer - Liberty - Liberty, KY             | 8                     | 8                 | 100%            |
| Warner Fertilizer - Monticello - Monticello, KY       | 7                     | 6                 | 86%             |
| Warner Fertilizer - Nancy - Nancy, KY                 | 10                    | 10                | 100%            |
| Warner Fertilizer - Russell Springs - Russell Springs | 1                     | 1                 | 100%            |
| Warner Fertilizer - Somerset - Somerset, KY           | 101                   | 92                | 91%             |
| Warner Fertilizer - Stanford - Stanford, KY           | 7                     | 7                 | 100%            |
| Warner Fertilizer - Tompkinsville - Tompkinsville,    | 10                    | 10                | 100%            |
| Waterway Ag Inc - Metropolis, IL                      | 3                     | 3                 | 100%            |
| Winfield Solutions, LLC - Saint Paul, MN              | 6                     | 6                 | 100%            |
| Woodford Feed Company, Inc. - Versailles, KY          | 19                    | 19                | 100%            |
|                                                       | 1                     | 1                 | 100%            |
| <b>TOTAL SAMPLES:</b>                                 | <b>2691</b>           | <b>2491</b>       | <b>93%</b>      |

## Regulatory Bulletin 339

### Table 2 Detailed Inspection Report Results Primary Nutrients



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                        | Brand                         | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------|-------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| Advanced Micronutrient Products Reese ,MI     |                               |               |                |                     |                |                |                 |
| 2-00-00                                       | 'AMP EZ20 Essential Zinc      | 56225         | 2.44           |                     |                | 122            | *               |
| 2-00-00                                       | 'EZ20                         | 57000         | 2.73           |                     |                | 136.5          | *               |
| Advanced Turf Solutions - Fishers Fishers ,IN |                               |               |                |                     |                |                |                 |
| 26-00-6                                       | 'Advance Turf Solution 26-0-6 | 55334         | 25.1           |                     | 5.06           | 94.96          |                 |
| Ag Distributors Inc Nashville ,TN             |                               |               |                |                     |                |                |                 |
| 19-19-19                                      | '19-19-19                     | 55566         | 19.33          | 19.87               | 19.30          | 102.65         |                 |
| 10-10-10                                      | '10-10-10                     | 55567         | 11.34          | 11.49               | 10.33          | 111.29         |                 |
| 19-19-19                                      | 'All Purpose 19-19-19         | 55586         | 19.15          | 19.39               | 19.28          | 101.41         |                 |
| 6-24-24                                       | 'Professional Choice 6-24-24  | 55587         | 9.84           | 24.60               | 23.88          | 109.81         |                 |
| 10-10-10                                      | 'All Purpose 10-10-10         | 55588         | 11.89          | 12.65               | 11.05          | 119.41         |                 |
| 10-10-10                                      | 'All Purpose 10-10-10         | 55684         | 10.50          | 10.86               | 10.13          | 105.31         |                 |
| 00-00-60                                      | 'MOP                          | 56206         |                |                     | 59.87          | 99.78          |                 |
| 18-46-00                                      | 'DAP                          | 56207         | 17.94          | 47.38               |                | 102            |                 |
| 00-00-60                                      | 'MOP                          | 56593         |                |                     | 59.13          | 98.55          |                 |
| 18-46-00                                      | 'DAP                          | 56594         | 17.51          | 45.68               |                | 98.7           |                 |
| 10-10-10                                      | '10-10-10                     | 57599         | 11.90          | 13.82               | 11.95          | 125.91         |                 |
| 15-15-15                                      | '15-15-15                     | 57600         | 15.17          | 15.57               | 14.51          | 100.94         |                 |
| 12-24-22                                      | '12-24-24                     | 57601         | 12.87          | 25.81               | 21.99          | 105.17         |                 |
| 12-22-22                                      | '12-22-22                     | 57602         | 12.23          | 25.01               | 22.06          | 106.45         |                 |
| Agri-Chem - Herndon Herndon ,KY               |                               |               |                |                     |                |                |                 |
| 6-29-27                                       |                               | 55360         | 6.05           | 28.51               | 28.75          | 102.23         |                 |
| 6-29-27                                       |                               | 55361         | 6.09           | 30.3                | 27.32          | 103.54         |                 |
| 6-29-27                                       |                               | 55362         | 5.84           | 28.75               | 28.79          | 102.27         |                 |
| 3-14-43                                       |                               | 55363         | 3.08           | 15.33               | 43.06          | 102.96         | *               |
| 5-22-34                                       |                               | 55410         | 4.74           | 22.22               | 34.67          | 100.47         |                 |
| 5-22-34                                       |                               | 55411         | 4.83           | 22.88               | 33.76          | 100.59         |                 |
| 4-17-40                                       |                               | 55412         | 3.77           | 17.6                | 39.32          | 99.74          |                 |
| 4-17-40                                       |                               | 55413         | 3.70           | 17.27               | 40.32          | 100.41         |                 |
| 4-17-40                                       |                               | 55414         | 3.93           | 17.79               | 39.42          | 100.61         |                 |
| Agri-Chem - Hopkinsville Hopkinsville ,KY     |                               |               |                |                     |                |                |                 |
| 10-27-25                                      |                               | 55556         | 10.69          | 27.38               | 25.05          | 101.46         |                 |
| 11-29-22                                      |                               | 56120         | 11.22          | 29.18               | 22.56          | 100.39         |                 |
| 11-28-24                                      |                               | 56121         | 11.13          | 28.58               | 24.19          | 102.44         |                 |
| 30-12-11                                      |                               | 57309         | 29.34          | 13.71               | 11.26          | 101.32         |                 |
| 30-12-11                                      |                               | 57310         | 30.32          | 12.41               | 11.51          | 101.24         |                 |
| 19-19-19                                      |                               | 57311         | 19.03          | 20.45               | 20.56          | 102.93         |                 |
| 19-19-19                                      |                               | 57312         | 18.99          | 19.82               | 21.09          | 102.4          |                 |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                 | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 29-13-13                               |       | 57313         | 30.83          | 9.3                 | 13.6           | 99.57          |                 |
| 19-6-25                                |       | 57323         | 18.24          | 6.55                | 28.01          | 105.87         |                 |
| 19-6-25                                |       | 57324         | 18.25          | 6.5                 | 28.16          | 106.17         |                 |
| 14-25-20                               |       | 57325         | 14.21          | 24.96               | 21.91          | 104.67         |                 |
| 14-25-20                               |       | 57326         | 14.30          | 26.54               | 20.15          | 103.01         |                 |
| Agri-Chem - Princeton Princeton ,KY    |       |               |                |                     |                |                |                 |
| 19-19-19                               |       | 56560         | 18.26          | 21.03               | 20.11          | 102.28         |                 |
| AgriGro Farm Center, Inc. Hartford ,KY |       |               |                |                     |                |                |                 |
| 00-00-60 'MP                           |       | 57620         |                |                     | 60.73          | 101.22         |                 |
| 18-46-00 'DAP                          |       | 57621         | 17.85          | 47.63               |                | 102.23         |                 |
| 46-00-00 'Urea                         |       | 57622         | 45.96          |                     |                | 99.91          |                 |
| 18-46-00 'DAP                          |       | 57623         | 17.68          | 45.24               |                | 98.31          |                 |
| 00-00-60 'MP                           |       | 57624         |                |                     | 61.57          | 102.62         |                 |
| 9-23-30                                |       | 57712         | 10.01          | 23.6                | 30.43          | 103.69         |                 |
| 9-23-30                                |       | 57713         | 9.53           | 24.25               | 29.71          | 102.95         |                 |
| 30-10-13                               |       | 57714         | 29.27          | 11.04               | 13.64          | 102.35         |                 |
| 30-10-13                               |       | 57715         | 28.99          | 11.11               | 13.24          | 101.32         |                 |
| 9-23-30                                |       | 57773         | 9.39           | 24.29               | 30.74          | 104.12         |                 |
| 9-23-30                                |       | 57774         | 9.38           | 24.63               | 29.97          | 103.69         |                 |
| 9-23-30                                |       | 57775         | 9.68           | 24.98               | 29.96          | 104.92         |                 |
| 9-23-30                                |       | 57776         | 9.57           | 23.76               | 30.25          | 102.86         |                 |
| 9-23-30                                |       | 57777         | 9.41           | 23.7                | 30.89          | 103.29         |                 |
| 9-23-30                                |       | 57778         | 9.30           | 23.46               | 31.07          | 102.87         |                 |
| Agriport Terminal Eddyville ,KY        |       |               |                |                     |                |                |                 |
| 11-52-00 'MAP                          |       | 55148         | 10.99          | 51.11               |                | 98.62          |                 |
| 18-46-00 'DAP                          |       | 55149         | 18.08          | 46.09               |                | 100.27         |                 |
| 00-00-60 'MP                           |       | 55150         |                |                     | 60.60          | 101            |                 |
| 00-00-60 'MP                           |       | 55151         |                |                     | 59.95          | 99.92          |                 |
| 18-46-00 'DAP                          |       | 55160         | 17.65          | 45.25               |                | 98.27          |                 |
| 00-00-60 'MOP                          |       | 55161         |                |                     | 59.79          | 99.65          |                 |
| 11-52-00 'MAP                          |       | 55162         | 10.78          | 51.73               |                | 99.18          |                 |
| 11-52-00 'MAP                          |       | 55163         | 10.23          | 51.28               |                | 97.48          |                 |
| 18-46-00 'DAP                          |       | 55164         | 17.59          | 45.28               |                | 98.21          |                 |
| 00-00-60 'MOP                          |       | 55165         |                |                     | 59.86          | 99.77          |                 |
| 11-52-00 'MAP                          |       | 55192         | 10.99          | 50.89               |                | 98.28          |                 |
| 11-52-00 'MAP                          |       | 55193         | 10.74          | 52.08               |                | 99.65          |                 |
| 18-46-00 'DAP                          |       | 55194         | 17.90          | 46.29               |                | 100.25         |                 |

Highlighted values are deficient.

\* Refer to Table 3



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand    | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|----------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60               | 'MP      | 55195         |                |                     | 60.32          | 100.53         |                 |
| 11-52-00               | 'MAP     | 55196         | 10.54          | 51.27               |                | 98.04          |                 |
| 11-52-00               | 'MAP     | 55197         | 10.81          | 51.04               |                | 98.18          |                 |
| 5-22-34                |          | 55207         | 4.62           | 21.67               | 34.60          | 100.18         | *               |
| 5-22-34                |          | 55208         | 4.48           | 22.13               | 34.51          | 100.59         | *               |
| 10-25-28               |          | 55293         | 10.08          | 25.49               | 28.83          | 103.6          |                 |
| 10-25-28               |          | 55294         | 9.84           | 25.79               | 28.09          | 102.62         |                 |
| 5-22-34                |          | 55295         | 4.38           | 22.98               | 34.75          | 101.2          |                 |
| 9-23-30                |          | 55296         | 8.98           | 24.59               | 29.70          | 102.35         |                 |
| 5-25-32                |          | 55304         | 5.23           | 25.40               | 32.44          | 102.64         |                 |
| 6-26-29                |          | 55353         | 5.62           | 27.5                | 29.69          | 102.21         |                 |
| 6-28-28                |          | 55354         | 5.88           | 28.04               | 29.29          | 102.45         |                 |
| 5-26-30                |          | 55355         | 5.74           | 27.95               | 30.25          | 104.42         |                 |
| 18-46-00               | 'DAP     | 55356         | 17.65          | 47.92               |                | 102.22         |                 |
| 11-52-00               | 'MAP     | 55357         | 10.85          | 52.45               |                | 100.42         |                 |
| 11-52-00               | 'MAP     | 55358         | 11.06          | 51.81               |                | 99.82          |                 |
| 00-00-60               | 'MP      | 55359         |                |                     | 60.12          | 100.2          |                 |
| 00-00-60               | 'MP      | 55444         |                |                     | 60.09          | 100.15         |                 |
| 18-46-00               | 'DAP     | 55445         | 17.57          | 45.27               |                | 98.16          |                 |
| 11-52-00               | 'MAP     | 55446         | 10.69          | 51.1                |                | 98.05          |                 |
| 18-46-00               | 'DAP     | 55572         | 17.50          | 44.78               |                | 97.31          |                 |
| 00-00-50               | 'SOP     | 55573         |                |                     | 50.47          | 100.94         |                 |
| 18-46-00               | 'DAP     | 55574         | 18.23          | 46.20               |                | 100.69         |                 |
| 00-00-60               | 'MOP     | 55575         |                |                     | 60.37          | 100.62         |                 |
| 18-46-00               | 'DAP     | 55576         | 17.73          | 45.61               |                | 98.96          |                 |
| 46-00-00               | 'Urea    | 55640         | 46.19          |                     |                | 100.41         |                 |
| 18-46-00               | 'DAP     | 55641         | 18.11          | 46.70               |                | 101.25         |                 |
| 00-00-60               | 'MOP     | 55642         |                |                     | 59.49          | 99.15          |                 |
| 46-00-00               | 'Urea    | 55654         | 46.15          |                     |                | 100.33         |                 |
| 18-46-00               | 'DAP     | 55655         | 17.26          | 45.56               |                | 98.1           |                 |
| 00-00-60               | 'MOP     | 55656         |                |                     | 60.79          | 101.32         |                 |
| 46-00-00               | 'Urea    | 55766         | 46.19          |                     |                | 100.41         |                 |
| 18-46-00               | 'DAP     | 55767         | 17.86          | 45.74               |                | 99.37          |                 |
| 00-00-60               | 'MOP     | 55768         |                |                     | 60.28          | 100.47         |                 |
| 00-00-60               | 'MOP     | 55769         |                |                     | 59.95          | 99.92          |                 |
| 28-00-00               | '28% UAN | 56523         | 27.81          |                     |                | 99.32          |                 |
| 18-46-00               | 'DAP     | 56556         | 18.07          | 45.19               |                | 98.89          |                 |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                               | Brand                  | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------------------|------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 46-00-00                                             | 'Urea                  | 56557         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60                                             | 'MP                    | 56558         |                |                     | 59.94          | 99.9           |                 |
| 18-46-00                                             | 'DAP                   | 56559         | 17.67          | 46.35               |                | 99.98          |                 |
| 46-00-00                                             | 'Urea                  | 56666         | 46.02          |                     |                | 100.04         |                 |
| 18-46-00                                             | 'DAP                   | 56667         | 18.00          | 46.15               |                | 100.23         |                 |
| 00-00-60                                             | 'MP                    | 56668         |                |                     | 59.62          | 99.37          |                 |
| 00-00-60                                             | 'MP                    | 56669         |                |                     | 60.58          | 100.97         |                 |
| Agrium U.S. A Subsidiary of Nutrien Ltd Loveland ,CO |                        |               |                |                     |                |                |                 |
| 6-12-18                                              | 'Rainbow 6-12-18       | 55861         | 6.93           | 12.82               | 21.76          | 116.65         | *               |
| AgroLiquid Fertilizer St. Johns ,MI                  |                        |               |                |                     |                |                |                 |
| 9-24-3                                               | 'Pro-Germinator        | 56259         | 8.61           | 24.99               | 3.25           | 102.07         | *               |
| 2-00-10                                              | 'Kalibrate             | 56260         | 2.83           |                     | 10.75          | 115.34         | *               |
| 9-24-3                                               | 'Pro-Germinator        | 56261         | 8.75           | 24.53               | 3.26           | 101.24         | *               |
| 9-24-3                                               | 'Pro-Germinator 9-24-3 | 56749         | 7.80           | 23.88               | 3.07           | 96.16          | *               |
| 7-00-00                                              | 'Enhance               | 56847         | 8.40           |                     |                | 120            | *               |
| 9-24-3                                               | 'Pro Germinator        | 57003         | 8.26           | 22.74               | 2.98           | 94.22          |                 |
| 2-00-10                                              | 'Kalibrate             | 57004         | 3.48           |                     | 9.83           | 115.76         | *               |
| 7-00-00                                              | 'AccesS                | 57005         | 10.54          |                     |                | 150.57         | *               |
| 2-1-6                                                | 'Sure-K                | 57236         | 2.91           | 1.18                | 7.77           | 132.61         |                 |
| 12-3-3                                               | 'Fert Rain             | 57237         | 11.84          | 3.06                | 3.02           | 99.45          | *               |
| 9-24-3                                               | 'Pro-Germinator        | 57458         | 9.07           | 25.92               | 3.12           | 105.78         | *               |
| 12-3-3                                               | 'Ferti-Rain            | 57459         | 11.35          | 3.08                | 2.815          | 95.83          | *               |
| 2-00-10                                              | 'Kalibrate             | 57461         | 2.69           |                     | 10.07          | 108.49         | *               |
| 7-00-00                                              | 'AccesS                | 57462         | 10.96          |                     |                | 156.57         | *               |
| Allen County Farmers Service, Inc. Scottsville ,KY   |                        |               |                |                     |                |                |                 |
| 19-15-23                                             |                        | 55961         | 18.72          | 15.24               | 22.34          | 98.26          |                 |
| 19-19-19                                             |                        | 55962         | 18.66          | 19.29               | 18.71          | 100.96         |                 |
| 19-19-19                                             |                        | 55963         | 19.41          | 19.3                | 19.45          | 100.09         |                 |
| 19-19-19                                             |                        | 55964         | 19.42          | 19.38               | 18.91          | 99.52          |                 |
| 24-10-18                                             |                        | 55965         | 23.69          | 11.45               | 17.36          | 100.48         | *               |
| 24-10-19                                             |                        | 55966         | 23.51          | 9.86                | 18.8           | 99.28          | *               |
| 19-19-19                                             |                        | 55967         | 18.60          | 20.6                | 19.47          | 100.85         |                 |
| 19-19-19                                             |                        | 55968         | 18.87          | 20.74               | 19.12          | 101.18         |                 |
| 22-7-26                                              |                        | 55969         | 21.07          | 7.76                | 25.71          | 99.15          |                 |
| 39-4-5                                               |                        | 55970         | 38.24          | 3.54                | 4.54           | 98.63          | *               |
| Anderson County Farm Service, Inc. Lawrenceburg ,KY  |                        |               |                |                     |                |                |                 |
| 18-46-00                                             | 'DAP                   | 57217         | 17.86          | 46.06               |                | 99.86          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                   | Brand   | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------|---------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 46-00-00                                 | 'Urea   | 57218         | 46.17          |                     |                | 100.37         |                 |
| 00-00-60                                 | 'MOP    | 57219         |                |                     | 61.33          | 102.22         |                 |
| Anuvia Florida LLC Zellwood ,FL          |         |               |                |                     |                |                |                 |
| 16-1-00                                  | 'SymTRX | 55348         | 17.65          | 1.33                |                | 111.44         | *               |
| Ballard County Coop., Inc. La Center ,KY |         |               |                |                     |                |                |                 |
| 00-00-60                                 | 'MP     | 56474         |                |                     | 59.52          | 99.2           |                 |
| 34-00-00                                 | 'AN     | 56475         | 34.24          |                     |                | 100.71         |                 |
| 20-00-00                                 | 'AS     | 56476         | 20.57          |                     |                | 100.34         | *               |
| 00-00-60                                 | 'MP     | 56477         |                |                     | 59.54          | 99.23          |                 |
| 18-46-00                                 | 'DAP    | 56478         | 18.09          | 46.79               |                | 101.35         |                 |
| 10-26-26                                 |         | 56479         | 10.46          | 27.71               | 26.51          | 104.14         |                 |
| 12-21-21                                 |         | 56480         | 12.17          | 21.59               | 21.77          | 102.96         | *               |
| 12-21-21                                 |         | 56481         | 12.19          | 21.75               | 22.87          | 104.96         | *               |
| 13-19-25                                 |         | 56482         | 13.02          | 19.45               | 25.75          | 101.27         |                 |
| 34-00-00                                 | 'AN     | 56730         | 34.39          |                     |                | 102.66         |                 |
| 13-18-27                                 |         | 56731         | 12.73          | 16.98               | 25.91          | 97.46          |                 |
| 14-18-24                                 |         | 57141         | 15.88          | 20.32               | 20.10          | 102.41         |                 |
| 14-18-24                                 |         | 57142         | 16.63          | 18.24               | 19.80          | 99.32          |                 |
| 11-18-24                                 |         | 57143         | 11.02          | 17.35               | 25.15          | 98.94          | *               |
| 12-21-21                                 |         | 57144         | 11.27          | 20.07               | 22.89          | 99.33          | *               |
| 14-18-24                                 |         | 57145         | 13.96          | 18.05               | 25.19          | 100.93         |                 |
| 14-18-24                                 |         | 57146         | 14.11          | 17.98               | 25.47          | 101.51         |                 |
| Bandana Ag, Inc. La Center ,KY           |         |               |                |                     |                |                |                 |
| 00-00-60                                 | 'MP     | 55175         |                |                     | 60.92          | 101.53         |                 |
| 18-46-00                                 | 'DAP    | 55176         | 17.20          | 45.56               |                | 97.93          |                 |
| 00-00-60                                 | 'MOP    | 55618         |                |                     | 60.76          | 101.27         |                 |
| 18-46-00                                 | 'DAP    | 55619         | 17.77          | 45.14               |                | 98.31          |                 |
| 18-46-00                                 | 'DAP    | 55620         | 18.05          | 45.58               |                | 99.44          |                 |
| 34-00-00                                 | 'AN     | 55621         | 34.42          |                     |                | 101.24         |                 |
| 12-40-00                                 | 'MES 10 | 55622         | 11.94          | 40.58               |                | 100.97         | *               |
| 14-15-27                                 |         | 56464         | 13.79          | 16.7                | 26.65          | 103.23         |                 |
| 14-15-27                                 |         | 56465         | 13.47          | 16.21               | 27.23          | 102.39         |                 |
| 14-15-27                                 |         | 56466         | 13.91          | 16.32               | 25.92          | 101.66         |                 |
| 14-15-27                                 |         | 56467         | 13.75          | 16.03               | 26.45          | 101.5          |                 |
| 14-15-27                                 |         | 56468         | 13.84          | 15.88               | 26.13          | 100.93         |                 |
| 14-15-27                                 |         | 56469         | 14.02          | 16.68               | 26.34          | 103.24         |                 |
| 8-20-34                                  |         | 56470         | 7.75           | 20.83               | 33.55          | 101.09         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                          | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 8-20-34                                         |       | 56471         | 7.85           | 20.57               | 33.71          | 101.03         |                 |
| 8-20-34                                         |       | 56472         | 7.62           | 19.53               | 34.03          | 99.05          |                 |
| 13-19-25                                        |       | 56473         | 12.93          | 19.04               | 24.85          | 99.03          |                 |
| Bickett Ag - Central City Central City ,KY      |       |               |                |                     |                |                |                 |
| 9-23-30                                         |       | 56693         | 10.16          | 26.06               | 26.26          | 102.9          |                 |
| 9-23-30                                         |       | 56694         | 8.97           | 21.59               | 31.91          | 99.92          |                 |
| 9-23-30                                         |       | 56695         | 9.97           | 26.67               | 25.74          | 102.94         |                 |
| 9-23-30                                         |       | 56696         | 9.51           | 23.76               | 29.4           | 101.6          |                 |
| 9-23-30                                         |       | 56697         | 8.92           | 22.76               | 30.93          | 100.64         |                 |
| 9-23-30                                         |       | 56698         | 9.42           | 23.85               | 29.35          | 101.52         |                 |
| 9-23-30                                         |       | 56699         | 9.76           | 25.66               | 29.04          | 105.09         |                 |
| 9-23-30                                         |       | 56700         | 8.64           | 22.03               | 33.19          | 101.77         |                 |
| 9-23-30                                         |       | 56701         | 9.10           | 24.04               | 31.78          | 104.47         |                 |
| 9-23-30                                         |       | 56702         | 9.20           | 22.93               | 31.19          | 101.86         |                 |
| Bickett Ag - Morganfield Morganfield ,KY        |       |               |                |                     |                |                |                 |
| 00-00-60 'MP                                    |       | 56848         |                |                     | 62.94          | 104.9          |                 |
| 00-00-60 'MP                                    |       | 56849         |                |                     | 60.91          | 101.52         |                 |
| 18-46-00 'DAP                                   |       | 56850         | 17.78          | 46.42               |                | 100.27         |                 |
| 18-46-00 'DAP                                   |       | 56851         | 17.59          | 45.96               |                | 99.25          |                 |
| Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY |       |               |                |                     |                |                |                 |
| 21-15-20                                        |       | 56779         | 21.47          | 14.32               | 19.44          | 97.63          |                 |
| 29-00-22                                        |       | 56780         | 28.91          |                     | 23.18          | 101.4          |                 |
| 20-20-19                                        |       | 56781         | 20.01          | 18.99               | 18.51          | 99.21          |                 |
| 29-11-14                                        |       | 56782         | 29.29          | 11.06               | 14.23          | 102.14         |                 |
| 28-12-15                                        |       | 56783         | 27.74          | 12.46               | 15.14          | 102.52         |                 |
| 31-00-00                                        |       | 56784         | 30.94          |                     |                | 100.88         |                 |
| 21-15-20                                        |       | 56785         | 21.57          | 14.87               | 21.14          | 101.2          |                 |
| 28-12-15                                        |       | 56786         | 28.25          | 12.08               | 15             | 102.66         |                 |
| 26-13-16                                        |       | 56787         | 26.31          | 12.79               | 15.83          | 100.74         |                 |
| 28-12-15                                        |       | 56788         | 28.11          | 12.4                | 15.12          | 103.15         |                 |
| C.D. Poore Fertilizer Albany ,KY                |       |               |                |                     |                |                |                 |
| 00-00-60 'MOP                                   |       | 55816         |                |                     | 60.53          | 100.88         |                 |
| 46-00-00 'Urea                                  |       | 55817         | 46.10          |                     |                | 100.22         |                 |
| 18-46-00 'DAP                                   |       | 55818         | 17.92          | 46.08               |                | 99.99          |                 |
| 19-19-19                                        |       | 57201         | 17.45          | 17.42               | 23.08          | 97.6           |                 |
| 10-10-10 '10-10-10                              |       | 57202         | 9.13           | 9.735               | 9.77           | 95.11          |                 |
| 19-19-19 '19-19-19                              |       | 57203         | 18.19          | 19.42               | 21.4           | 102.4          |                 |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                           | Brand                                          | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------------|------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 20-18-20                                         |                                                | 57205         | 16.04          | 15.48               | 27.52          | 98.43          |                 |
| Central Crop Care Crab Orchard ,KY               |                                                |               |                |                     |                |                |                 |
| 00-00-60                                         | 'MOP                                           | 55342         |                |                     | 59.76          | 99.6           |                 |
| 46-00-00                                         | 'Urea                                          | 55780         | 45.82          |                     |                | 99.61          |                 |
| 00-00-60                                         | 'MOP                                           | 55781         |                |                     | 59.54          | 99.23          |                 |
| 18-46-00                                         | 'DAP                                           | 55782         | 17.71          | 45.45               |                | 98.68          |                 |
| 00-00-22                                         | 'K-Mag                                         | 55783         |                |                     | 21.54          | 100.19         | *               |
| 28-13-13                                         |                                                | 56595         | 28.08          | 12.22               | 14.41          | 101.76         |                 |
| 22-12-22                                         |                                                | 56596         | 21.31          | 10.57               | 24.12          | 99.56          |                 |
| 19-19-19                                         |                                                | 56597         | 17.84          | 17.5                | 22.08          | 99.07          |                 |
| 16-12-30                                         |                                                | 56598         | 16.46          | 11.01               | 30.83          | 101.22         |                 |
| 19-19-19                                         |                                                | 56599         | 18.96          | 19.39               | 20.26          | 102.39         |                 |
| 20-12-17                                         |                                                | 56600         | 19.38          | 12.33               | 19.38          | 103.63         | *               |
| 19-19-19                                         |                                                | 56652         | 18.90          | 18.52               | 20.1           | 100.43         |                 |
| 23-00-30                                         |                                                | 56653         | 22.51          |                     | 30.62          | 99.82          |                 |
| 20-11-25                                         |                                                | 56654         | 20.44          | 11.12               | 26.24          | 102.65         |                 |
| 28-13-13                                         |                                                | 56655         | 27.83          | 13.21               | 14.13          | 102.73         |                 |
| 21-00-00                                         | 'AS                                            | 57732         | 21.35          |                     |                | 101.67         | *               |
| 00-00-50                                         | 'SOP                                           | 57733         |                |                     | 50.67          | 101.34         |                 |
| 18-46-00                                         | 'DAP                                           | 57734         | 17.92          | 45.02               |                | 98.38          |                 |
| 46-00-00                                         | 'Urea                                          | 57735         | 46.02          |                     |                | 100.04         |                 |
| 00-00-22                                         | 'Kmag                                          | 57736         |                |                     | 22.2           | 100.91         | *               |
| Central Farmers Supply, Inc. Greensburg ,KY      |                                                |               |                |                     |                |                |                 |
| 19-19-19                                         |                                                | 56141         | 19.22          | 19.94               | 20.04          | 101.66         |                 |
| 19-19-19                                         |                                                | 56142         | 19.08          | 20.78               | 20             | 102.85         |                 |
| 19-19-19                                         |                                                | 56143         | 20.67          | 19.53               | 18.96          | 102.4          |                 |
| 19-19-19                                         |                                                | 56144         | 19.39          | 18.76               | 20.41          | 100.34         |                 |
| 19-19-19                                         |                                                | 56145         | 19.72          | 21.47               | 18.29          | 103.11         |                 |
| 19-19-19                                         |                                                | 56146         | 18.48          | 21.08               | 20.32          | 102.65         |                 |
| 25-14-15                                         |                                                | 56147         | 23.82          | 15.3                | 15.2           | 101            |                 |
| 19-19-19                                         |                                                | 56148         | 20.80          | 19.16               | 18.87          | 101.83         |                 |
| 19-19-19                                         |                                                | 56149         | 19.24          | 19.37               | 20.26          | 100.98         |                 |
| 19-19-19                                         |                                                | 56150         | 20.51          | 19.1                | 18.19          | 100.24         |                 |
| Central Garden & Pet Franklin ,WI                |                                                |               |                |                     |                |                |                 |
| 10-8-6                                           | 'Pennington Ultra Green                        | 56258         | 10.34          | 8.3                 | 6.56           | 104.64         | *               |
| 10-10-10                                         | 'Pennington Ultra Green All Purpose Plant Food | 57608         | 10.71          | 11.55               | 11.88          | 113.1          | *               |
| Central Garden & Pet Garden Division Atlanta ,GA |                                                |               |                |                     |                |                |                 |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                       | Brand                                                 | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------|-------------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 10-8-6                                       | 'Pennington Ultra Green Azalea Camelia & Rhododendron | 56434         | 10.30          | 7.68                | 5.61           | 98.82          | *               |
| 1-00-1                                       | 'Ironite                                              | 57329         | 0.93           |                     | 1.02           | 96.6           | *               |
| 10-8-6                                       | 'Azalea Camellia & Rhododendron                       | 57554         | 9.98           | 8.74                | 6.82           | 105.64         | *               |
| CGB Fertilizer Jeffersonville ,IN            |                                                       |               |                |                     |                |                |                 |
| 18-46-00                                     | 'DAP                                                  | 55731         | 18.02          | 46.06               |                | 100.12         |                 |
| 46-00-00                                     | 'Urea                                                 | 55732         | 46.15          |                     |                | 100.33         |                 |
| 46-00-00                                     | 'Urea                                                 | 55733         | 46.12          |                     |                | 100.26         |                 |
| 00-00-60                                     | 'MOP                                                  | 55734         |                |                     | 59.60          | 99.33          |                 |
| 00-00-60                                     | 'MOP                                                  | 55735         |                |                     | 60.03          | 100.05         |                 |
| 46-00-00                                     | 'Urea                                                 | 55736         | 46.11          |                     |                | 100.24         |                 |
| 46-00-00                                     | 'Urea                                                 | 55737         | 46.15          |                     |                | 100.33         |                 |
| 46-00-00                                     | 'Urea                                                 | 55738         | 46.14          |                     |                | 100.3          |                 |
| 46-00-00                                     | 'Urea                                                 | 56208         | 46.07          |                     |                | 100.15         |                 |
| 46-00-00                                     | 'Urea                                                 | 57067         | 46.20          |                     |                | 100.43         |                 |
| 46-00-00                                     | 'Urea                                                 | 57148         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00                                     | 'DAP                                                  | 57204         | 17.88          | 47.03               |                | 101.37         |                 |
| 18-46-00                                     | 'DAP                                                  | 57439         | 17.68          | 45.24               |                | 98.31          |                 |
| 46-00-00                                     | 'Urea                                                 | 57798         | 46.14          |                     |                | 100.3          |                 |
| CHS Crop Nutrients St. Paul ,MN              |                                                       |               |                |                     |                |                |                 |
| 00-00-60                                     | 'MOP                                                  | 56089         |                |                     | 60.38          | 100.63         |                 |
| 46-00-00                                     | 'Urea                                                 | 56090         | 46.20          |                     |                | 100.43         |                 |
| 46-00-00                                     | 'Urea                                                 | 56091         | 46.02          |                     |                | 100.04         |                 |
| 21-00-00                                     | 'AS                                                   | 56092         | 20.58          |                     |                | 98             | *               |
| 18-46-00                                     | 'DAP                                                  | 56093         | 17.98          | 45.59               |                | 99.34          |                 |
| 00-00-60                                     | 'MOP                                                  | 56683         |                |                     | 60.82          | 101.37         |                 |
| 18-46-00                                     | 'DAP                                                  | 56684         | 17.86          | 45.78               |                | 99.43          |                 |
| 46-00-00                                     | 'Urea                                                 | 56685         | 46.13          |                     |                | 100.28         |                 |
| 46-00-00                                     | 'Urea                                                 | 57513         | 46.14          |                     |                | 100.3          |                 |
| 21-00-00                                     | 'AS                                                   | 57514         | 21.11          |                     |                | 100.52         | *               |
| 18-46-00                                     | 'DAP                                                  | 57515         | 18.32          | 47.17               |                | 102.31         |                 |
| CHS Crop Nutrients - Melbourne Melbourne ,KY |                                                       |               |                |                     |                |                |                 |
| 46-00-00                                     | 'Urea                                                 | 57135         | 45.77          |                     |                | 99.5           |                 |
| CHS Crop Nutrients - Owensboro Owensboro ,KY |                                                       |               |                |                     |                |                |                 |
| 12-00-00                                     | 'ATS                                                  | 56864         | 11.53          |                     |                | 96.08          | *               |
| 32-00-00                                     | '32-0-0                                               | 57819         | 32.04          |                     |                | 100.12         |                 |
| 32-00-00                                     | '32-0-0                                               | 57820         | 32.16          |                     |                | 100.5          |                 |
| 32-00-00                                     | '32-0-0                                               | 57821         | 31.99          |                     |                | 99.97          |                 |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                       | Brand                | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------|----------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 32-00-00                                     | '32-0-0              | 57822         | 32.07          |                     |                | 100.22         |                 |
| Clements Ag Supply Springfield ,KY           |                      |               |                |                     |                |                |                 |
| 00-00-60                                     | 'MOP                 | 55958         |                |                     | 59.21          | 98.68          |                 |
| 46-00-00                                     | 'Urea                | 55959         | 46.19          |                     |                | 100.41         |                 |
| 00-00-60                                     | 'MOP                 | 55960         |                |                     | 59.65          | 99.42          |                 |
| 6-16-39                                      |                      | 57578         | 7.66           | 19.58               | 33.97          | 102.54         |                 |
| 5-12-23                                      |                      | 57579         | 4.53           | 11.34               | 22.76          | 96.23          |                 |
| 5-12-23                                      |                      | 57580         | 4.83           | 11.6                | 22.53          | 97.45          |                 |
| 5-12-23                                      |                      | 57581         | 4.70           | 11.91               | 23.64          | 100.31         |                 |
| 27-00-20                                     |                      | 57582         | 27.37          |                     | 19.41          | 100.04         | *               |
| 27-00-20                                     |                      | 57583         | 27.06          |                     | 21.56          | 102.83         | *               |
| 27-00-20                                     |                      | 57584         | 26.98          |                     | 21.42          | 102.4          | *               |
| 19-19-19                                     |                      | 57585         | 19.43          | 20.82               | 18.91          | 102.2          |                 |
| 6-16-39                                      |                      | 57586         | 6.46           | 16.26               | 39.29          | 101.1          |                 |
| 00-00-50                                     | 'SOP                 | 57587         |                |                     | 50.68          | 101.36         |                 |
| 46-00-00                                     | 'Urea                | 57588         | 46.17          |                     |                | 100.37         |                 |
| Compass Minerals USA Inc Overland Park ,KS   |                      |               |                |                     |                |                |                 |
| 4-25-00                                      | 'Wolf Trax Nu-Trax P | 56716         | 5.54           | 26.68               |                | 111.47         | *               |
| Corbin Farm & Garden Center, Inc. Corbin ,KY |                      |               |                |                     |                |                |                 |
| 19-19-19                                     | '19-19-19            | 57607         | 19.48          | 20.03               | 19.18          | 103.14         |                 |
| Darling Ingredients Inc - TX Irving ,TX      |                      |               |                |                     |                |                |                 |
| 27-00-2                                      | '27-0-2 Nature Safe  | 55473         | 27.33          |                     | 5.22           | 108.48         | *               |
| 21-3-7                                       | '21-3-7 Nature Safe  | 55474         | 21.19          | 4.03                | 7.52           | 104.95         | *               |
| 18-00-4                                      | '18-0-4 Nature Safe  | 55475         | 19.06          |                     | 4.61           | 107.06         | *               |
| 16-00-2                                      | '16-0-2 Nature Safe  | 55476         | 18.96          |                     | 2.68           | 119.65         | *               |
| 12-00-6                                      | '12-0-6 Nature Safe  | 55477         | 12.54          |                     | 7.17           | 108.15         | *               |
| 13-00-00                                     | '13-0-0 Nature Safe  | 55478         | 13.12          |                     |                | 100.92         |                 |
| 12-2-6                                       | '12-2-6 Nature Safe  | 55479         | 12.13          | 3.25                | 7.87           | 113.56         | *               |
| 10-2-8                                       | '10-2-8 Nature Safe  | 55480         | 9.29           | 1.53                | 10.58          | 103.29         | *               |
| 10-00-8                                      | '10-0-8 Nature Safe  | 55481         | 9.62           |                     | 11.71          | 113.23         | *               |
| 7-12-00                                      | '7-12-0 Nature Safe  | 55482         | 7.04           | 11.77               |                | 99.11          | *               |
| 9-00-9                                       | '9-0-9 Nature Safe   | 55483         | 9.70           |                     | 9.96           | 108.91         | *               |
| 8-5-5                                        | '8-5-5 Nature Safe   | 55484         | 9.25           | 4.70                | 6.01           | 110.7          | *               |
| 8-3-5                                        | '8-3-5 Nature Safe   | 55485         | 8.76           | 2.81                | 5.74           | 107.84         | *               |
| 5-6-6                                        | '5-6-6 Nature Safe   | 55486         | 5.98           | 7.09                | 8.25           | 124.05         | *               |
| 27-00-2                                      | '27-0-2 Nature Safe  | 57050         | 30.42          |                     | 2.67           | 113.65         | *               |
| 21-3-7                                       | '21-3-7 Nature Safe  | 57051         | 21.77          | 2.295               | 8.53           | 104.06         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                    | Brand                                                 | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------|-------------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 12-00-6                                   | '12-0-6 Nature Safe                                   | 57052         | 11.90          |                     | 6.82           | 102.79         | *               |
| 13-00-00                                  | '13-0-0 Nature Safe                                   | 57053         | 12.71          |                     |                | 97.77          |                 |
| 12-2-6                                    | '12-2-6 Nature Safe                                   | 57054         | 12.20          | 3.24                | 7.21           | 111.99         | *               |
| 10-2-8                                    | '10-2-8 Nature Safe                                   | 57055         | 11.18          | 3                   | 4.43           | 98.3           | *               |
| 7-12-00                                   | '7-12-0 Nature Safe                                   | 57056         | 9.02           | 9.735               |                | 99.78          | *               |
| 9-6-1                                     | '9-6-1 Nature Safe                                    | 57057         | 9.49           | 7.99                | 0.115          | 111.34         | *               |
| 9-00-9                                    | '9-0-9 Nature Safe                                    | 57058         | 9.28           |                     | 10.67          | 109.29         | *               |
| 8-5-5                                     | '8-5-5 Nature Safe                                    | 57059         | 8.83           | 6.07                | 6.14           | 116.14         | *               |
| 8-3-5                                     | '8-3-5 Nature Safe                                    | 57060         | 8.45           | 2.91                | 6.2            | 108.31         | *               |
| 5-6-6                                     | '5-6-6 Nature Safe                                    | 57061         | 5.27           | 7.76                | 7.55           | 120.1          | *               |
| DeltAg Greenville ,MS                     |                                                       |               |                |                     |                |                |                 |
| 3-17-00                                   | 'DeltAg PercPlus                                      | 56985         | 2.78           | 17.29               |                | 100.24         | *               |
| Dr. Earth Inc Winters ,CA                 |                                                       |               |                |                     |                |                |                 |
| 4-6-3                                     | 'Dr. Earth Home Grown                                 | 55177         | 5.07           | 9.35                | 3.70           | 139.48         | *               |
| 2-4-2                                     | 'Dr. Earth Root Zone                                  | 55178         | 3.11           | 6.81                | 2.26           | 154.71         |                 |
| 2-2-2                                     | 'Dr. Earth Pure Gold All Purpose                      | 56429         | 3.10           | 1.94                | 2.08           | 121.31         |                 |
| 3-2-2                                     | 'Dr. Earth Organic Pump and Grow Tomato Vegetable and | 57729         | 2.82           | 3.06                | 2.63           | 119.59         |                 |
| Drake's Farm Service, Inc. Morgantown ,KY |                                                       |               |                |                     |                |                |                 |
| 6-16-24                                   |                                                       | 55561         | 6.47           | 15.52               | 23.27          | 98.95          |                 |
| 8-21-32                                   |                                                       | 56451         | 8.67           | 21.67               | 33.14          | 102.53         |                 |
| 31-18-00                                  |                                                       | 56455         | 31.32          | 18.5                |                | 100.91         | *               |
| 25-15-15                                  |                                                       | 56456         | 25.89          | 15.98               | 14.73          | 102.47         |                 |
| 19-19-19                                  |                                                       | 56457         | 19.75          | 19.59               | 19.32          | 101.12         |                 |
| 19-19-19                                  |                                                       | 56458         | 19.76          | 19.7                | 18.93          | 100.82         |                 |
| 31-18-00                                  |                                                       | 56459         | 31.29          | 18.03               |                | 99.95          | *               |
| 27-14-14                                  |                                                       | 56460         | 27.61          | 13.5                | 13.54          | 100.37         |                 |
| 24-16-16                                  |                                                       | 56461         | 24.47          | 15.59               | 15.67          | 99.75          |                 |
| 19-19-19                                  |                                                       | 56462         | 19.86          | 21.05               | 18.55          | 102.97         |                 |
| 31-18-00                                  |                                                       | 56463         | 31.32          | 19.21               |                | 102.27         | *               |
| Drexel Chemical Company Memphis ,TN       |                                                       |               |                |                     |                |                |                 |
| 25-00-00                                  | 'Drexel X 25-0-0 Plus 0.5% Boron                      | 56984         | 25.40          |                     |                | 101.6          | *               |
| Easy Gardener Waco ,TX                    |                                                       |               |                |                     |                |                |                 |
| 4-4-4                                     | 'Jobes All Purpose Spikes                             | 55179         | 4.94           | 11.11               | 8.39           | 197.89         |                 |
| 2-7-4                                     | 'Jobes Organics Fertilizer Spikes for Vegetables      | 55739         | 2.91           | 18.91               | 7.00           | 224.58         |                 |
| 2-5-3                                     | 'Jobes Organics Vegetable & Tomato                    | 55906         | 5.75           | 5.06                | 7.96           | 183.14         | *               |
| 2-5-3                                     | 'Jobes Organic Vegetable & Tomato                     | 57555         | 3.14           | 5.65                | 3.13           | 121.26         | *               |
| 2-7-4                                     | 'Jobes Organics Fertilizer Spikes                     | 57568         | 2.53           | 18.23               | 6.29           | 211.25         |                 |

Highlighted values are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                                 | Brand                                                    | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------------------|----------------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 3-3-3                                                  | 'Jobes Bursting Blooms                                   | 57569         | 3.90           | 2.54                | 5.42           | 127.1          |                 |
| 3-5-6                                                  | 'Expert Gardener Vegetable and Tomato Food               | 57571         | 4.24           | 2.335               | 8.96           | 106.85         | *               |
| 2-5-3                                                  | 'Jobes Organics Vegetable and Tomato Granular Plant Food | 57609         | 3.29           | 6.78                | 3.34           | 136.68         | *               |
| Eau Claire CO-OP Oil Company Eau Claire ,WI            |                                                          |               |                |                     |                |                |                 |
| 22-00-10                                               | 'Menards Fall Lawn Food Winterizer                       | 55245         | 22.01          |                     | 10.65          | 101.5          | *               |
| 30-00-3                                                | 'Menards Lawn Food                                       | 55246         | 30.13          |                     | 3.37           | 101.15         | *               |
| 30-00-3                                                | 'Menards Premium Lawn Food                               | 55848         | 29.26          |                     | 3.93           | 99.63          | *               |
| EcoScraps Marysville ,OH                               |                                                          |               |                |                     |                |                |                 |
| 5-4-6                                                  | 'EcoScraps Tomato Herb and Vegetable                     | 56373         | 4.85           | 6.69                | 5.66           | 116.4          | *               |
| EnviroKure Inc Philadelphia ,PA                        |                                                          |               |                |                     |                |                |                 |
| 3-2-2                                                  | 'EK-L Plant Builder Plus 3-2-3 with 1% S                 | 55131         | 2.71           | 2.06                | 3.38           | 110.85         | *               |
| Espoma Company Millville ,NJ                           |                                                          |               |                |                     |                |                |                 |
| 3-4-6                                                  | 'Espoma Organic Tomato-Tone                              | 55830         | 3.72           | 5.95                | 6.90           | 129.09         | *               |
| 4-3-3                                                  | 'Espoma Organic Bio-Tone Starter Plus                    | 55831         | 4.51           | 4.44                | 3.74           | 126.51         | *               |
| 2-2-2                                                  | 'Espoma Organic GROW!                                    | 55889         | 2.28           | 1.79                | 1.93           | 100.81         |                 |
| 4-3-4                                                  | '4-3-4 Espoma Berry-tone Organic Fruit & Berry           | 55903         | 4.51           | 4.62                | 4.55           | 125.02         | *               |
| 3-4-6                                                  | Tomato-tone                                              | 55928         | 4.00           | 6.11                | 6.18           | 128.57         |                 |
| Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY |                                                          |               |                |                     |                |                |                 |
| 6-6-6                                                  |                                                          | 56001         | 5.90           | 6.93                | 6.77           | 107.79         |                 |
| 19-8-17                                                |                                                          | 56002         | 18.38          | 7.47                | 18.68          | 100.84         |                 |
| 19-19-19                                               |                                                          | 56003         | 19.81          | 20.54               | 19.06          | 102.62         |                 |
| 15-9-33                                                |                                                          | 56004         | 14.94          | 9.34                | 34.70          | 102.58         |                 |
| 19-19-19                                               |                                                          | 56005         | 18.34          | 19.99               | 19.54          | 102.92         |                 |
| 26-13-13                                               |                                                          | 56006         | 25.87          | 13.31               | 19.27          | 109.03         |                 |
| 19-8-17                                                |                                                          | 56007         | 18.35          | 7.39                | 17.67          | 98.76          |                 |
| 25-15-15                                               |                                                          | 56008         | 25.58          | 15.62               | 15.57          | 102.16         |                 |
| 25-15-15                                               |                                                          | 56009         | 23.94          | 16.11               | 17.03          | 101.71         |                 |
| 19-19-19                                               |                                                          | 56412         | 20.05          | 19.42               | 19.03          | 101.01         |                 |
| Farmers Fertilizer - Bowling Green Bowling Green ,KY   |                                                          |               |                |                     |                |                |                 |
| 16-00-36                                               |                                                          | 56320         | 17.06          |                     | 35.61          | 101.62         |                 |
| 20-20-19                                               |                                                          | 56323         | 19.20          | 21.3                | 20.22          | 104.02         |                 |
| 32-11-10                                               |                                                          | 56443         | 31.79          | 9.85                | 11.97          | 101.15         |                 |
| 32-11-10                                               |                                                          | 56444         | 31.69          | 10.12               | 10.88          | 99.94          |                 |
| 32-11-10                                               |                                                          | 56445         | 31.47          | 10.35               | 11.61          | 100.93         |                 |
| 32-11-10                                               |                                                          | 56446         | 31.32          | 10.33               | 11.86          | 100.93         |                 |
| 25-18-13                                               |                                                          | 56687         | 24.75          | 17.7                | 14.34          | 100.42         |                 |
| 20-20-19                                               |                                                          | 57096         | 19.82          | 19.84               | 18.59          | 100.56         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                             | Brand                                                      | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------------|------------------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 20-20-19                                           |                                                            | 57097         | 18.82          | 19.29               | 19.47          | 98.73          |                 |
| 32-11-10                                           |                                                            | 57098         | 31.14          | 10.1                | 11.48          | 99.6           |                 |
| 20-20-19                                           |                                                            | 57164         | 17.81          | 19.72               | 21.39          | 100.05         |                 |
| 7-18-37                                            |                                                            | 57165         | 6.45           | 17.03               | 38.45          | 99.65          |                 |
| 7-18-37                                            |                                                            | 57166         | 6.78           | 17.53               | 39.44          | 102.68         |                 |
| 31-00-20                                           |                                                            | 57167         | 29.50          |                     | 22.06          | 100.47         |                 |
| 7-18-37                                            |                                                            | 57169         | 6.95           | 16.94               | 38.64          | 100.79         |                 |
| 26-12-17                                           |                                                            | 57314         | 25.53          | 12.54               | 18.4           | 102.32         |                 |
| 19-19-19                                           |                                                            | 57315         | 18.03          | 20.06               | 20.72          | 100.27         |                 |
| 24-10-20                                           |                                                            | 57316         | 23.79          | 10.21               | 22.47          | 102.05         |                 |
| 9-23-30                                            |                                                            | 57317         | 9.01           | 22.58               | 32.6           | 102.73         |                 |
| 9-10-9                                             |                                                            | 57318         | 8.24           | 10.93               | 9.66           | 100.27         |                 |
| Farmers Fertilizer - Smiths Grove Smiths Grove ,KY |                                                            |               |                |                     |                |                |                 |
| 32-11-10                                           |                                                            | 56439         | 29.11          | 10.25               | 14.80          | 100.26         |                 |
| 20-20-19                                           |                                                            | 56440         | 19.67          | 18.95               | 20.04          | 100.57         |                 |
| 20-20-19                                           |                                                            | 56441         | 19.39          | 18.99               | 20.38          | 100.54         |                 |
| 32-11-10                                           |                                                            | 56442         | 30.92          | 11.18               | 11.33          | 100.97         |                 |
| 24-15-13                                           |                                                            | 56587         | 24.11          | 13.94               | 13.85          | 98.97          | *               |
| 21-14-18                                           |                                                            | 56588         | 21.17          | 12.91               | 18.79          | 99.05          | *               |
| 19-14-18                                           |                                                            | 56589         | 20.34          | 12.68               | 18.11          | 100.34         | *               |
| 20-20-19                                           |                                                            | 56590         | 19.75          | 18.68               | 20.42          | 100.74         |                 |
| 20-20-19                                           |                                                            | 56591         | 19.92          | 18.36               | 19.88          | 99.78          |                 |
| 20-20-19                                           |                                                            | 56592         | 19.53          | 18.41               | 21.02          | 100.61         |                 |
| Ferti Technologies Saint-Michael ,QC               |                                                            |               |                |                     |                |                |                 |
| 24-00-11                                           | 'Nutri Professional Fertilizer with Mallet 0.2 Insecticide | 57476         | 23.88          |                     | 10.47          | 98.49          |                 |
| Fleming County Farm Supply Flemingsburg ,KY        |                                                            |               |                |                     |                |                |                 |
| 00-00-51                                           | 'SP                                                        | 56034         |                |                     | 51.82          | 101.61         |                 |
| 00-00-61                                           | 'MP                                                        | 56035         |                |                     | 60.08          | 98.49          |                 |
| 46-00-00                                           | 'Urea                                                      | 56036         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00                                           | 'DAP                                                       | 56037         | 17.82          | 45.55               |                | 99.02          |                 |
| 46-00-00                                           | 'Urea                                                      | 56038         | 46.20          |                     |                | 100.43         |                 |
| 00-00-51                                           | 'SP                                                        | 56039         |                |                     | 52.06          | 102.08         |                 |
| 00-00-61                                           | 'MP                                                        | 56040         |                |                     | 61.40          | 100.66         |                 |
| 11-52-00                                           | 'MAP                                                       | 56041         | 11.50          | 50.88               |                | 99.11          |                 |
| 18-46-00                                           | 'DAP                                                       | 56042         | 17.85          | 45.77               |                | 99.4           |                 |
| 46-00-00                                           | 'Urea                                                      | 56043         | 46.13          |                     |                | 100.28         |                 |
| 46-00-00                                           | 'Urea                                                      | 56227         | 46.19          |                     |                | 100.41         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                       | Brand                       | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------|-----------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-61                                     | 'MP                         | 56228         |                |                     | 59.86          | 98.13          |                 |
| 00-00-51                                     | 'SP                         | 56229         |                |                     | 49.69          | 97.43          |                 |
| 18-46-00                                     | 'DAP                        | 56230         | 17.54          | 45.19               |                | 98             |                 |
| 46-00-00                                     | 'Urea                       | 57252         | 46.06          |                     |                | 100.13         |                 |
| 00-00-61                                     | 'MP 61                      | 57253         |                |                     | 59.01          | 96.74          |                 |
| 18-46-00                                     | 'DAP                        | 57254         | 18.10          | 46.54               |                | 100.99         |                 |
| 21-00-00                                     | 'AS                         | 57260         | 21.28          |                     |                | 101.33         | *               |
| 11-52-00                                     | 'MAP                        | 57263         | 12.04          | 51.04               |                | 100.28         |                 |
| 46-00-00                                     | 'Urea                       | 57264         | 46.20          |                     |                | 100.43         |                 |
| 11-52-00                                     | 'MAP                        | 57265         | 10.81          | 52.02               |                | 99.71          |                 |
| 00-00-61                                     | 'MP 61                      | 57266         |                |                     | 59.65          | 97.79          |                 |
| 19-19-19                                     |                             | 57267         | 19.87          | 19                  | 19.57          | 100.08         |                 |
| 19-19-19                                     |                             | 57268         | 19.51          | 18.61               | 20.5           | 99.89          |                 |
| 19-19-19                                     |                             | 57367         | 19.52          | 20.64               | 19.78          | 102.63         |                 |
| 19-19-19                                     |                             | 57368         | 19.05          | 20.3                | 20.73          | 102.36         |                 |
| 6-6-6                                        |                             | 57369         | 6.09           | 5.73                | 6.67           | 102.68         |                 |
| 4-4-4                                        |                             | 57370         | 4.30           | 4.33                | 3.66           | 104.14         |                 |
| 12-24-24                                     |                             | 57371         | 11.84          | 24.45               | 23.7           | 100.65         |                 |
| 19-19-19                                     |                             | 57372         | 19.35          | 20.5                | 19.66          | 101.88         |                 |
| 3-13-15                                      |                             | 57373         | 2.90           | 12.73               | 13.60          | 95.17          |                 |
| 3-13-15                                      |                             | 57374         | 3.06           | 13.48               | 17.25          | 108.41         |                 |
| 3-13-15                                      |                             | 57375         | 2.67           | 11.95               | 14.14          | 92.82          |                 |
| 19-19-19                                     | 'Hinton Mills               | 57649         | 18.20          | 19.51               | 20.71          | 101.64         |                 |
| Foxfarm Soil & Fertilizer Company Arcata ,CA |                             |               |                |                     |                |                |                 |
| 6-4-4                                        | 'Grow Big Liquid Plant Food | 56379         | 6.53           | 3.85                | 3.63           | 101.19         | *               |
| Gaskins Fertilizer Russell Springs ,KY       |                             |               |                |                     |                |                |                 |
| 46-00-00                                     | 'Urea                       | 55330         | 46.02          |                     |                | 100.04         |                 |
| 21-00-00                                     | 'AS                         | 55988         | 21.23          |                     |                | 101.1          | *               |
| 00-00-60                                     | 'MOP                        | 55989         |                |                     | 59.16          | 98.6           |                 |
| 18-46-00                                     | 'DAP                        | 55990         | 18.06          | 46.45               |                | 100.78         |                 |
| 46-00-00                                     | 'Urea                       | 55991         | 46.06          |                     |                | 100.13         |                 |
| 26-22-00                                     |                             | 57206         | 24.94          | 21.56               |                | 97.91          | *               |
| 21-15-20                                     |                             | 57207         | 21.23          | 15.66               | 19.96          | 100.36         |                 |
| 10-11-29                                     |                             | 57208         | 9.65           | 11.53               | 30.8           | 103.68         | *               |
| 10-11-29                                     |                             | 57209         | 9.62           | 10.9                | 31.21          | 102.83         | *               |
| 28-00-24                                     |                             | 57210         | 27.46          |                     | 24.82          | 100.93         |                 |
| 14-20-26                                     |                             | 57211         | 12.60          | 20.61               | 27.72          | 100.95         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                     | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 19-19-19                                   |       | 57212         | 18.97          | 20.2                | 20.15          | 101.76         |                 |
| 25-12-17                                   |       | 57214         | 24.72          | 12.43               | 19.2           | 101.74         |                 |
| 23-00-30                                   |       | 57215         | 22.84          |                     | 31.74          | 102.33         |                 |
| 26-22-00                                   |       | 57216         | 25.21          | 21.45               |                | 98.28          | *               |
| GAVILON FERTILIZER INC E. PEORIA ,IL       |       |               |                |                     |                |                |                 |
| 00-00-60 'MOP                              |       | 56689         |                |                     | 59.47          | 99.12          |                 |
| 00-00-60 'MOP                              |       | 56690         |                |                     | 61.05          | 101.75         |                 |
| 18-46-00 'DAP                              |       | 56691         | 17.88          | 46.07               |                | 99.91          |                 |
| 18-46-00 'DAP                              |       | 56692         | 17.98          | 46.32               |                | 100.45         |                 |
| Green River Feed Mill, Inc. Morgantown ,KY |       |               |                |                     |                |                |                 |
| 24-16-16                                   |       | 56447         | 24.38          | 16.9                | 15.56          | 101.84         |                 |
| 25-15-15                                   |       | 56448         | 25.05          | 14.52               | 16.75          | 100.87         |                 |
| 17-14-27                                   |       | 56449         | 17.10          | 14.2                | 28.36          | 103.31         |                 |
| 17-14-27                                   |       | 56450         | 17.42          | 14.61               | 26.55          | 102.23         |                 |
| 19-19-19                                   |       | 56678         | 18.47          | 21.1                | 21.25          | 103.92         |                 |
| 19-19-19                                   |       | 56679         | 19.82          | 16.23               | 22.09          | 98.87          |                 |
| 19-19-19                                   |       | 56680         | 18.55          | 19.73               | 21.31          | 101.65         |                 |
| 21-15-20                                   |       | 56681         | 20.68          | 15.32               | 22.48          | 102.05         |                 |
| 19-19-19                                   |       | 56682         | 19.51          | 18.56               | 21.1           | 101.16         |                 |
| 19-19-19                                   |       | 56686         | 18.93          | 19.59               | 21.1           | 101.88         |                 |
| GreenPoint Ag, LLC Hardinsburg ,KY         |       |               |                |                     |                |                |                 |
| 00-46-00 'TSP                              |       | 55314         |                | 45.98               |                | 99.96          |                 |
| 18-46-00 'DAP                              |       | 55315         | 17.92          | 46.48               |                | 100.57         |                 |
| 00-00-60 'MP                               |       | 55323         |                |                     | 61.17          | 101.95         |                 |
| 46-00-00 'Urea                             |       | 57625         | 46.03          |                     |                | 100.07         |                 |
| 46-00-00 'Urea                             |       | 57626         | 46.10          |                     |                | 100.22         |                 |
| 18-46-00 'DAP                              |       | 57627         | 17.92          | 46.99               |                | 101.37         |                 |
| 18-46-00 'DAP                              |       | 57628         | 17.99          | 47.21               |                | 101.82         |                 |
| 21-00-00 'AS                               |       | 57629         | 20.81          |                     |                | 99.1           | *               |
| 00-00-60 'MOP                              |       | 57630         |                |                     | 62.73          | 104.55         |                 |
| 22-18-18                                   |       | 57631         | 21.80          | 17.58               | 19.65          | 102.88         |                 |
| 22-18-18                                   |       | 57632         | 21.90          | 17.79               | 19.07          | 102.69         |                 |
| 24-19-14                                   |       | 57633         | 23.33          | 19.92               | 14.93          | 102.38         |                 |
| 28-14-11                                   |       | 57634         | 28.01          | 15.54               | 11.52          | 101.56         |                 |
| 28-14-11                                   |       | 57635         | 28.60          | 13.92               | 10.74          | 98.69          |                 |
| 19-19-19                                   |       | 57636         | 19.77          | 19.69               | 19.62          | 101.75         |                 |
| 9-23-30                                    |       | 57637         | 9.29           | 23.58               | 30.73          | 102.61         |                 |

Highlighted values are deficient.

\* Refer to Table 3

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| Manufacturer and Grade                          | Brand                                                | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------------|------------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 9-23-30                                         |                                                      | 57638         | 9.09           | 23.25               | 32.44          | 103.89         |                 |
| 21-15-20                                        |                                                      | 57771         | 20.83          | 16.41               | 20.48          | 101.65         |                 |
| 8-19-35                                         |                                                      | 57772         | 7.50           | 19.2                | 35.47          | 100.71         |                 |
| Gro Tec Inc Madison ,GA                         |                                                      |               |                |                     |                |                |                 |
| 24-25-4                                         | 'Expert Gardener Lawn Starter                        | 55167         | 22.61          | 22.60               | 4.27           | 93.21          |                 |
| 16-4-8                                          | 'Expert Gardener Evergreen Tree and Shrub            | 55168         | 15.44          | 3.82                | 7.30           | 95.26          | *               |
| 12-6-10                                         | 'Expert Gardener Rose Plant Food                     | 55169         | 10.91          | 5.61                | 8.44           | 89.68          | *               |
| 10-10-10                                        | 'Expert Gardener Flower Food                         | 55170         | 11.58          | 11.36               | 11.64          | 115.21         |                 |
| 32-00-10                                        | 'Sta Green Winterizer                                | 55190         | 31.87          |                     | 10.14          | 99.9           | *               |
| 12-5-7                                          | 'All Purpose Plant Food                              | 55740         | 11.58          | 4.98                | 7.36           | 99.07          | *               |
| 28-00-4                                         | 'Sta-Green Weed & Feed                               | 55851         | 29.57          |                     | 4.24           | 105.64         |                 |
| 24-8-16                                         | 'Expert Gardener All Purpose                         | 55883         | 24.06          | 8.42                | 18.36          | 104.81         | *               |
| 19-6-12                                         | 'Expert Gardener Indoor & Outdoor Plant Food         | 55884         | 20.17          | 6.24                | 13.82          | 108.02         | *               |
| 12-6-10                                         | 'Expert Gardener Rose Plant Food                     | 55886         | 12.88          | 6.15                | 10.95          | 106.84         | *               |
| 24-8-16                                         | 'StaGreen All Purpose                                | 55908         | 23.25          | 8.83                | 17.51          | 102.42         | *               |
| 29-00-5                                         | 'Sta-Green Lawn Fertilizer Plus 2% Iron              | 55910         | 28.81          |                     | 5.91           | 101.29         | *               |
| 29-00-4                                         | '29-0-4                                              | 55929         | 27.97          |                     | 3.82           | 96.37          |                 |
| 24-25-4                                         | 'Expert Lawn Starter                                 | 56257         | 23.81          | 24.18               | 5.06           | 99.54          |                 |
| 10-10-10                                        | '10-10-10                                            | 56336         | 9.76           | 9.17                | 8.80           | 93.03          |                 |
| 24-8-16                                         | 'Sta Green All Purpose                               | 56375         | 22.27          | 8.36                | 17.48          | 99.01          | *               |
| 19-6-12                                         | 'Sta Green All Purpose                               | 56430         | 19.94          | 6.61                | 13.3           | 107.28         | *               |
| 24-26-4                                         | 'Lawn Starter                                        | 56838         | 22.72          | 24.55               | 4.20           | 95.1           |                 |
| 12-5-7                                          | 'All-Purpose                                         | 56839         | 12.78          | 4.99                | 6.71           | 102.72         | *               |
| 12-10-5                                         | 'Tomato & Vegetable                                  | 56840         | 11.66          | 8.9                 | 5.02           | 94.56          | *               |
| 10-10-10                                        | 'Flower Food                                         | 56841         | 10.21          | 10.48               | 9.63           | 101.55         |                 |
| 12-6-10                                         | 'Rose Plant Food                                     | 56842         | 12.18          | 5.81                | 9.73           | 99.28          | *               |
| 16-4-8                                          | 'Evergreen Tree & Shrub                              | 56843         | 18.54          | 4.59                | 9.87           | 117.31         | *               |
| 24-8-16                                         | 'All Purpose Water Soluble Plant Food                | 56844         | 25.60          | 7.38                | 14.96          | 100.81         | *               |
| 18-24-6                                         | 'Lawn Starter Fertilizer                             | 56990         | 17.57          | 22.65               | 8.87           | 100.58         |                 |
| 24-25-4                                         | 'Expert Gardener Lawn Starter Fertilizer             | 57007         | 23.54          | 23.73               | 4.06           | 96.81          |                 |
| 29-00-5                                         | 'Lawn Fertilizer Plus Iron                           | 57163         | 29.53          |                     | 5.9            | 103.5          | *               |
| 28-00-4                                         | 'Sta-Green Weed & Feed                               | 57330         | 28.31          |                     | 4.17           | 101.38         |                 |
| 18-24-6                                         | 'Sta-Green Lawn Starter                              | 57556         | 19.53          | 25.66               | 7.5            | 109.22         |                 |
| 16-4-8                                          | 'Expert Gardener Evergreen Tree and Shrub Plant Food | 57572         | 16.59          | 4.6                 | 7.69           | 103.72         | *               |
| Growmark Inc Bloomington ,IL                    |                                                      |               |                |                     |                |                |                 |
| 32-00-00                                        | 'UAN 32-0-0                                          | 57812         | 32.20          |                     |                | 100.63         |                 |
| Hancock County Farm Supply, Inc. Hawesville ,KY |                                                      |               |                |                     |                |                |                 |

Highlighted values are deficient.

\* Refer to Table 3

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| Manufacturer and Grade                                       | Brand  | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------------------------|--------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 18-46-00                                                     | 'DAP   | 57036         | 18.04          | 45.84               |                | 99.82          |                 |
| 46-00-00                                                     | 'Urea  | 57037         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60                                                     | 'MP    | 57038         |                |                     | 61.24          | 102.07         |                 |
| Helena Agri-Enterprises - Hazel Hazel ,KY                    |        |               |                |                     |                |                |                 |
| 6-15-38                                                      |        | 55234         | 5.92           | 15.58               | 38.54          | 100.44         |                 |
| 6-15-38                                                      |        | 55235         | 6.18           | 15.45               | 39.04          | 101.52         |                 |
| 6-15-38                                                      |        | 55236         | 6.25           | 15.50               | 38.87          | 101.53         |                 |
| 6-16-34                                                      |        | 55375         | 6.64           | 16.63               | 34.7           | 101.89         | *               |
| 6-16-34                                                      |        | 55376         | 6.60           | 16.63               | 34.51          | 101.51         | *               |
| 6-16-34                                                      |        | 55377         | 6.44           | 16.95               | 34.01          | 101            | *               |
| 6-16-34                                                      |        | 55378         | 5.52           | 14.53               | 36.55          | 97.87          | *               |
| 6-16-34                                                      |        | 55379         | 6.17           | 15.57               | 35.47          | 99.84          | *               |
| 6-16-34                                                      |        | 55380         | 5.94           | 15.59               | 35.29          | 99.06          | *               |
| 17-19-7                                                      |        | 56554         | 16.56          | 19.79               | 8.32           | 101.58         | *               |
| 17-19-7                                                      |        | 56555         | 17.42          | 20.29               | 7.2            | 103.02         | *               |
| Helena Agri-Enterprises - Hickman Hickman ,KY                |        |               |                |                     |                |                |                 |
| 6-7-19                                                       |        | 55516         | 6.32           | 6.69                | 19.05          | 98.92          | *               |
| 6-9-19                                                       |        | 55517         | 6.05           | 8.76                | 19.59          | 99.48          | *               |
| 6-7-19                                                       |        | 55518         | 6.39           | 9.01                | 19.51          | 108.36         | *               |
| 6-7-19                                                       |        | 55519         | 5.96           | 6.64                | 19.67          | 98.9           | *               |
| 16-13-21                                                     |        | 56367         | 16.57          | 12.85               | 22.19          | 103.34         | *               |
| 24-11-14                                                     |        | 57172         | 23.21          | 10.98               | 15             | 100.17         | *               |
| 24-11-14                                                     |        | 57173         | 23.20          | 10.78               | 15.35          | 100.27         | *               |
| 11-18-24                                                     |        | 57180         | 11.36          | 18.02               | 24.02          | 99.16          | *               |
| 11-15-27                                                     |        | 57181         | 10.84          | 15.63               | 26.31          | 100.48         | *               |
| 11-15-27                                                     |        | 57182         | 10.76          | 15.29               | 27.12          | 100.83         | *               |
| 11-15-27                                                     |        | 57183         | 10.88          | 15.34               | 27.54          | 101.88         | *               |
| 11-15-27                                                     |        | 57184         | 10.82          | 14.4                | 27.84          | 100.2          | *               |
| Helena Agri-Enterprises, LLC - Collierville Collierville ,TN |        |               |                |                     |                |                |                 |
| 00-00-60                                                     | 'MP    | 55183         |                |                     | 59.07          | 98.45          |                 |
| 18-46-00                                                     | 'DAP   | 55184         | 17.79          | 45.51               |                | 98.9           |                 |
| 00-00-60                                                     | 'MP    | 55185         |                |                     | 60.30          | 100.5          |                 |
| 00-00-60                                                     | 'MP    | 55237         |                |                     | 59.50          | 99.17          |                 |
| 18-46-00                                                     | 'DAP   | 55238         | 17.93          | 46.37               |                | 100.42         |                 |
| 00-00-60                                                     | 'MP    | 55239         |                |                     | 60.55          | 100.92         |                 |
| 00-00-22                                                     | 'K-Mag | 55604         |                |                     | 22.59          | 102.68         | *               |
| 46-00-00                                                     | 'Urea  | 55605         | 46.12          |                     |                | 100.26         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                        | Brand       | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------|-------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 18-46-00                                      | 'DAP        | 55606         | 18.21          | 45.10               |                | 98.98          |                 |
| 18-46-00                                      | 'DAP        | 55607         | 17.93          | 45.86               |                | 99.67          |                 |
| 00-00-60                                      | 'MOP        | 55608         |                |                     | 59.94          | 99.9           |                 |
| 18-46-00                                      | 'DAP        | 56361         | 17.89          | 45.15               |                | 98.52          |                 |
| 00-00-60                                      | 'MP         | 56362         |                |                     | 59.64          | 99.4           |                 |
| 46-00-00                                      | 'Urea       | 56363         | 46.10          |                     |                | 100.22         |                 |
| 21-00-00                                      | 'AS         | 56364         | 21.18          |                     |                | 100.86         | *               |
| 18-46-00                                      | 'DAP        | 56365         | 17.87          | 47.53               |                | 102.11         |                 |
| 00-00-60                                      | 'MP         | 56366         |                |                     | 60.59          | 100.98         |                 |
| 8-24-4                                        | 'Nucleus HP | 56852         | 7.83           | 23.74               | 3.88           | 98.5           |                 |
| 18-46-00                                      | 'DAP        | 57174         | 18.37          | 45.46               |                | 99.8           |                 |
| 00-00-60                                      | 'MP         | 57175         |                |                     | 61.22          | 102.03         |                 |
| 46-00-00                                      | 'Urea       | 57176         | 46.13          |                     |                | 100.28         |                 |
| 21-00-00                                      | 'AS         | 57177         | 21.19          |                     |                | 100.9          | *               |
| 18-46-00                                      | 'DAP        | 57178         | 17.89          | 45.52               |                | 99.09          |                 |
| 00-00-60                                      | 'MP         | 57179         |                |                     | 59.03          | 98.38          |                 |
| Henry Farmers Cooperative - Murray Murray ,KY |             |               |                |                     |                |                |                 |
| 27-14-14                                      |             | 56111         | 28.29          | 14.74               | 12.14          | 102.07         |                 |
| 4-00-48                                       |             | 56400         | 4.09           |                     | 48.54          | 101.26         | *               |
| 19-19-19                                      |             | 56401         | 18.49          | 18.48               | 22.13          | 100.35         |                 |
| 4-00-48                                       |             | 56402         | 4.53           |                     | 47.26          | 100.11         | *               |
| 11-20-26                                      |             | 56615         | 10.58          | 19.53               | 26.28          | 100.19         | *               |
| 11-20-26                                      |             | 56616         | 10.95          | 20.47               | 26.14          | 102.66         | *               |
| 10-20-27                                      |             | 56617         | 10.35          | 20.9                | 27.19          | 101.94         | *               |
| 21-15-20                                      |             | 56618         | 21.08          | 15.97               | 21.18          | 102.36         |                 |
| 17-16-21                                      |             | 56619         | 17.54          | 15.9                | 21.21          | 101.03         | *               |
| 17-16-21                                      |             | 56620         | 17.23          | 16.06               | 19.72          | 98.5           | *               |
| Henry Farmers Cooperative - Paris Paris ,TN   |             |               |                |                     |                |                |                 |
| 00-00-22                                      | 'K-Mag      | 55240         |                |                     | 22.51          | 102.32         | *               |
| 18-46-00                                      | 'DAP        | 55241         | 17.94          | 46.50               |                | 100.63         |                 |
| 00-00-60                                      | 'MP         | 55242         |                |                     | 59.22          | 98.7           |                 |
| 18-46-00                                      | 'DAP        | 55243         | 17.73          | 45.98               |                | 99.49          |                 |
| 00-00-60                                      | 'MP         | 55244         |                |                     | 59.10          | 98.5           |                 |
| 00-00-60                                      | 'MOP        | 55597         |                |                     | 60.14          | 100.23         |                 |
| 46-00-00                                      | 'Urea       | 55598         | 45.95          |                     |                | 99.89          |                 |
| 18-46-00                                      | 'DAP        | 55599         | 17.25          | 45.80               |                | 98.44          |                 |
| 46-00-00                                      | 'Urea       | 55600         | 46.03          |                     |                | 100.07         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                                            | Brand                                             | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------------------------------|---------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60                                                          | 'MOP                                              | 55601         |                |                     | 60.36          | 100.6          |                 |
| 18-46-00                                                          | DAP                                               | 55602         | 16.99          | 45.99               |                | 98.3           |                 |
| 00-00-60                                                          | MOP                                               | 55603         |                |                     | 59.26          | 98.77          |                 |
| 28-00-00                                                          | '28-0-0 w/4S                                      | 56184         | 27.56          |                     |                | 98.43          | *               |
| 18-46-00                                                          | 'DAP                                              | 56610         | 17.46          | 45.62               |                | 98.52          |                 |
| 00-00-60                                                          | 'MP                                               | 56611         |                |                     | 61.49          | 102.48         |                 |
| 46-00-00                                                          | 'Urea                                             | 56612         | 46.04          |                     |                | 100.09         |                 |
| 18-46-00                                                          | 'DAP                                              | 56613         | 17.54          | 45.69               |                | 98.76          |                 |
| 46-00-00                                                          | 'Urea                                             | 56614         | 46.05          |                     |                | 100.11         |                 |
| Hilander Feed Company Georgetown ,KY                              |                                                   |               |                |                     |                |                |                 |
| 46-00-00                                                          | 'Urea                                             | 56334         | 46.06          |                     |                | 100.13         |                 |
| 00-00-60                                                          | 'MP                                               | 56335         |                |                     | 60.59          | 100.98         |                 |
| Hinton Mills at Cynthiana Cynthiana ,KY                           |                                                   |               |                |                     |                |                |                 |
| 12-13-35                                                          |                                                   | 56231         | 12.53          | 14.21               | 34.39          | 103.15         |                 |
| 12-13-35                                                          |                                                   | 56232         | 12.12          | 12.9                | 34.1           | 99.33          |                 |
| 23-00-30                                                          |                                                   | 56935         | 23.33          |                     | 30.74          | 101.13         |                 |
| 28-7-19                                                           |                                                   | 56936         | 27.79          | 6.88                | 18.81          | 100.2          |                 |
| 35-7-9                                                            |                                                   | 56937         | 35.88          | 6.54                | 8.16           | 100.12         |                 |
| 35-7-9                                                            |                                                   | 56938         | 36.09          | 6.33                | 8.53           | 100.68         |                 |
| 40-00-00                                                          |                                                   | 57255         | 39.04          |                     |                | 98.21          | *               |
| 40-00-00                                                          |                                                   | 57256         | 40.49          |                     |                | 101.86         | *               |
| 40-00-00                                                          |                                                   | 57257         | 40.33          |                     |                | 101.46         | *               |
| 40-00-00                                                          |                                                   | 57258         | 40.12          |                     |                | 100.93         | *               |
| 40-00-00                                                          |                                                   | 57259         | 40.72          |                     |                | 102.44         | *               |
| Hydrite Chemical Company Brookville ,WI                           |                                                   |               |                |                     |                |                |                 |
| 12-00-00                                                          | 'ATS                                              | 56280         | 11.75          |                     |                | 97.92          | *               |
| 7-24-6                                                            | 'Hydri-Gro                                        | 56281         | 6.57           | 24.47               | 6.18           | 100.36         | *               |
| 12-00-00                                                          | 'ATS                                              | 57824         | 11.90          |                     |                | 99.17          | *               |
| IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres |                                                   |               |                |                     |                |                |                 |
| 3-6-4                                                             | 'Burpee Organic Tomato + Vegetable                | 55849         | 5.12           | 4.63                | 4.93           | 113.4          | *               |
| 4-4-4                                                             | 'Burpee Natural Organic All Purpose               | 55882         | 3.77           | 3.68                | 4.59           | 98.76          | *               |
| 3-5-6                                                             | 'Expert Gardener Organics Vegetable & Tomato Food | 55887         | 3.79           | 5.05                | 7.93           | 118.37         | *               |
| 4-4-4                                                             | 'Burpee Natural Organic All Purpose               | 56372         | 4.71           | 4.15                | 3.64           | 105.88         | *               |
| 5-4-4                                                             | 'Expert Gardener All Purpose Plant Food           | 57570         | 5.26           | 4.17                | 3.7            | 101.9          | *               |
| 4-4-4                                                             | 'Burpee Organic All Purpose                       | 57597         | 4.66           | 4.04                | 3.77           | 105.26         | *               |
| Innvictis Crop Care LLC Loveland ,CO                              |                                                   |               |                |                     |                |                |                 |
| 10-20-5                                                           | 'Captivate 10-20-5                                | 56507         | 10.17          | 18.77               | 5.16           | 97.33          | *               |

Highlighted values are deficient.

\* Refer to Table 3



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade              | Brand              | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------|--------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-23                            | 'Diverse K         | 57541         |                |                     | 22.76          | 98.96          | *               |
| 8-21-6                              | 'Thrive            | 57542         | 8.58           | 22.92               | 6.05           | 107.59         | *               |
| 12-9-6                              | 'V-Agri            | 57543         | 12.09          | 9.18                | 6.66           | 102.87         | *               |
| Italpollina USA Anderson ,IN        |                    |               |                |                     |                |                |                 |
| 7-00-1                              | 'Stimtide 7-0-1    | 56986         | 6.50           |                     | 1.53           | 98.09          |                 |
| 5-00-00                             | 'Trainer           | 56987         | 4.43           |                     |                | 88.6           |                 |
| J. A. Oldfield & Son, Inc. Mize ,KY |                    |               |                |                     |                |                |                 |
| 5-20-20                             | 'Top Crop          | 56337         | 7.59           | 22.1                | 20.33          | 112.92         |                 |
| 46-00-00                            | 'Top Crop          | 56338         | 45.91          |                     |                | 99.8           |                 |
| 5-10-15                             | 'Top Crop          | 56339         | 5.01           | 10.87               | 17.19          | 109.39         |                 |
| 19-19-19                            | 'Top Crop          | 56340         | 19.34          | 19.96               | 19.49          | 103.15         |                 |
| 10-10-10                            | 'Top Crop          | 56341         | 9.61           | 11.74               | 10.97          | 107.15         |                 |
| 12-12-12                            | 'Top Crop          | 56342         | 12.36          | 13.05               | 12.73          | 105.83         |                 |
| 19-19-19                            | 'Top Crop          | 56343         | 19.23          | 19.73               | 19.59          | 102.63         |                 |
| 46-00-00                            | 'Urea              | 56344         | 46.07          |                     |                | 100.15         |                 |
| 18-46-00                            | 'DAP               | 56345         | 17.48          | 46.86               |                | 100.44         |                 |
| 18-46-00                            | 'DAP               | 56346         | 17.91          | 48.33               |                | 103.39         |                 |
| 00-00-60                            | 'MP                | 56347         |                |                     | 60.84          | 101.4          |                 |
| 18-46-00                            | 'DAP               | 57107         | 16.76          | 46.08               |                | 98.05          |                 |
| 00-00-60                            | 'MP                | 57108         |                |                     | 60.97          | 101.62         |                 |
| 46-00-00                            | 'Urea              | 57109         | 46.11          |                     |                | 100.24         |                 |
| 19-19-19                            | 'Stacy Smallwood   | 57110         | 19.10          | 20.03               | 19.48          | 102.77         |                 |
| 10-10-10                            | 'Top Crop          | 57111         | 10.29          | 11.15               | 11.99          | 110.34         |                 |
| 10-10-10                            | 'Top Crop          | 57112         | 10.25          | 11.24               | 10.52          | 106.7          |                 |
| 19-19-19                            | 'Top Crop          | 57113         | 18.77          | 19.27               | 18.89          | 99.88          |                 |
| 25-14-14                            |                    | 57114         | 25.33          | 13.32               | 14.44          | 98.87          |                 |
| 19-19-19                            | 'Virginia Callahan | 57115         | 19.10          | 19.23               | 18.43          | 99.86          |                 |
| 5-20-20                             | 'Wallace Smallwood | 57116         | 7.64           | 21.16               | 20.18          | 110.44         |                 |
| 17-00-38                            |                    | 57244         | 17.42          |                     | 37.28          | 100.05         |                 |
| 26-8-10                             |                    | 57245         | 26.22          | 6.52                | 10.91          | 99.44          |                 |
| 10-10-10                            | 'Top Crop          | 57250         | 9.80           | 11.62               | 10.41          | 106.01         |                 |
| 19-19-19                            | 'Top Crop          | 57251         | 19.36          | 20.63               | 18.13          | 102.58         |                 |
| 19-19-19                            | 'Top Crop          | 57261         | 19.49          | 18.97               | 19.14          | 101.14         |                 |
| 10-10-10                            | 'Top Crop          | 57262         | 10.15          | 11.29               | 10.89          | 107.44         |                 |
| 10-10-10                            | 'Top Crop          | 57363         | 10.44          | 9.97                | 10.97          | 104.11         |                 |
| 19-19-19                            | 'Top Crop          | 57364         | 19.27          | 20.9                | 16.36          | 100.49         |                 |
| 10-10-10                            | 'Top Crop          | 57640         | 11.06          | 11.35               | 10.95          | 111.34         |                 |

Highlighted values are deficient.

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TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                        | Brand                      | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------|----------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 19-19-19                                      | 'Top Crop                  | 57641         | 18.23          | 21.12               | 19.32          | 102.81         |                 |
| 19-19-19                                      | 'Top Crop                  | 57650         | 19.44          | 20.2                | 18.02          | 101.79         |                 |
| J. R. Peters Allentown ,PA                    |                            |               |                |                     |                |                |                 |
| 20-20-20                                      | 'Jacks Classic All Purpose | 56800         | 19.76          | 21.32               | 21.45          | 103.74         | *               |
| Janes Fertilizer & Farm Supply Columbia ,KY   |                            |               |                |                     |                |                |                 |
| 00-00-60                                      | 'MOP                       | 55331         |                |                     | 60.70          | 101.17         |                 |
| 18-46-00                                      | 'DAP                       | 55332         | 17.48          | 45.26               |                | 97.98          |                 |
| 46-00-00                                      | 'Urea                      | 55930         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60                                      | 'MOP                       | 55931         |                |                     | 61.3           | 102.17         |                 |
| 18-46-00                                      | 'DAP                       | 55932         | 17.78          | 45.12               |                | 98.29          |                 |
| 21-00-00                                      | 'AMS                       | 55933         | 21.10          |                     |                | 100.48         | *               |
| 28-13-13                                      |                            | 57416         | 24.49          | 14.46               | 16.31          | 99.85          |                 |
| 28-13-13                                      |                            | 57417         | 27.17          | 13.25               | 14.85          | 101.09         |                 |
| 35-00-14                                      |                            | 57418         | 37.67          |                     | 11.05          | 100.94         |                 |
| 7-18-36                                       |                            | 57419         | 7.42           | 19.91               | 33.76          | 100.21         |                 |
| 24-11-20                                      |                            | 57420         | 23.76          | 11.45               | 20.45          | 100.78         |                 |
| 19-19-19                                      |                            | 57421         | 19.74          | 19.2                | 19.5           | 100.55         |                 |
| 30-00-12                                      |                            | 57422         | 30.19          |                     | 12.51          | 100.94         | *               |
| 19-19-19                                      |                            | 57604         | 19.72          | 19.58               | 19.09          | 100.74         |                 |
| 8-13-33                                       |                            | 57605         | 8.02           | 12.83               | 33.99          | 101.57         | *               |
| 6-15-40                                       |                            | 57606         | 6.09           | 16.1                | 40.95          | 103.26         |                 |
| Kee's Farm Service & Supply, LLC. Grayson ,KY |                            |               |                |                     |                |                |                 |
| 00-00-60                                      | 'MP                        | 56170         |                |                     | 60.57          | 100.95         |                 |
| 18-46-00                                      | 'DAP                       | 56171         | 17.64          | 45.9                |                | 99.25          |                 |
| 46-00-00                                      | 'Urea                      | 56172         | 46.17          |                     |                | 100.37         |                 |
| 19-19-19                                      |                            | 56176         | 19.20          | 19.75               | 20.3           | 101.61         |                 |
| 19-19-19                                      |                            | 56178         | 19.48          | 19.93               | 19.52          | 101.49         |                 |
| 00-00-60                                      | 'MP                        | 57008         |                |                     | 59.84          | 99.73          |                 |
| 18-46-00                                      | 'DAP                       | 57009         | 17.66          | 45.19               |                | 98.2           |                 |
| 19-19-19                                      |                            | 57013         | 19.48          | 21.14               | 17.56          | 101.04         |                 |
| 22-12-22                                      |                            | 57014         | 23.40          | 12.25               | 19.14          | 100.19         |                 |
| 19-19-19                                      |                            | 57015         | 18.79          | 19.37               | 19.73          | 99.34          |                 |
| 10-10-10                                      |                            | 57016         | 10.10          | 9.79                | 9.48           | 102.44         |                 |
| 32-00-17                                      |                            | 57680         | 32.44          |                     | 17.63          | 101.77         | *               |
| Ken's Value Center Berry ,KY                  |                            |               |                |                     |                |                |                 |
| 19-19-19                                      | '19-19-19                  | 56331         | 19.61          | 20.47               | 19.37          | 104.48         |                 |
| 19-19-19                                      | 'Kens Value Center         | 57510         | 19.67          | 21.35               | 19.7           | 106.69         |                 |

Highlighted values are deficient.

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TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                          | Brand             | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------------|-------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 34-00-00                                        | 'Ammonium Nitrate | 57511         | 34.31          |                     |                | 100.91         |                 |
| 46-00-00                                        | 'Urea             | 57512         | 46.01          |                     |                | 100.02         |                 |
| Kentucky Fertilizer - Winchester Winchester ,KY |                   |               |                |                     |                |                |                 |
| 19-19-19                                        | '19-19-19         | 55133         | 18.96          | 21.00               | 18.47          | 102.74         |                 |
| 10-10-10                                        | '10-10-10         | 55134         | 9.28           | 9.96                | 10.40          | 98             |                 |
| 15-15-15                                        | 'Kentucky Green   | 55147         | 15.27          | 15.98               | 13.66          | 100.62         |                 |
| 19-19-19                                        | '19-19-19         | 55276         | 18.96          | 20.57               | 18.72          | 102.32         |                 |
| 10-10-10                                        | '10-10-10         | 55277         | 9.22           | 9.38                | 9.03           | 92.25          |                 |
| 10-10-10                                        | '10-10-10         | 55760         | 12.91          | 11.38               | 12.46          | 122.53         |                 |
| 10-10-10                                        | '10-10-10         | 56332         | 10.29          | 11.37               | 9.83           | 105.53         |                 |
| 19-19-19                                        | '19-19-19         | 56333         | 18.96          | 20.55               | 18.95          | 102.73         |                 |
| 19-19-19                                        | '19-19-19         | 56688         | 17.54          | 17.60               | 21.36          | 97.63          |                 |
| 00-00-60                                        | 'MOP              | 56719         |                |                     | 59.75          | 99.58          |                 |
| 18-46-00                                        | 'DAP              | 56720         | 17.68          | 46.19               |                | 99.75          |                 |
| 00-00-60                                        | 'MOP              | 56721         |                |                     | 60.69          | 101.15         |                 |
| 46-00-00                                        | 'Urea             | 56722         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60                                        | 'mop              | 56723         |                |                     | 60.18          | 100.3          |                 |
| 00-00-60                                        | 'MOP              | 56724         |                |                     | 59.50          | 96.58          |                 |
| 00-00-60                                        | 'MOP              | 56725         |                |                     | 59.02          | 98.37          |                 |
| 10-10-10                                        | '10-10-10         | 56803         | 9.45           | 10.35               | 11.16          | 102.11         |                 |
| 19-19-19                                        | '19-19-19         | 57168         | 18.85          | 17.85               | 19.61          | 98.39          |                 |
| 6-24-24                                         | 'Kentucky Green   | 57189         | 8.91           | 23.92               | 24.25          | 106.85         |                 |
| 5-20-20                                         | 'Kentucky Green   | 57190         | 4.88           | 19.46               | 19.86          | 98.07          |                 |
| 19-19-19                                        | 'Kentucky Green   | 57191         | 19.59          | 18.62               | 20.23          | 102.17         |                 |
| 15-15-15                                        | 'Kentucky Green   | 57192         | 14.28          | 16.32               | 16             | 102.97         |                 |
| 35-00-00                                        | 'Kentucky Green   | 57193         | 36.02          |                     |                | 102.91         | *               |
| 12-12-12                                        | 'Kentucky Green   | 57194         | 11.74          | 12.38               | 11.40          | 98.98          |                 |
| 5-10-10                                         | 'Kentucky Green   | 57195         | 4.68           | 9.47                | 8.48           | 91.26          |                 |
| 19-19-19                                        | 'Kentucky Green   | 57196         | 18.00          | 19.2                | 20.69          | 100.63         |                 |
| 15-15-15                                        | 'Kentucky Green   | 57197         | 13.34          | 16.05               | 15.51          | 99.06          |                 |
| 6-12-12                                         | 'Kentucky Green   | 57198         | 5.40           | 11.1                | 11.03          | 91.71          |                 |
| 10-20-20                                        | 'Kentucky Green   | 57199         | 10.88          | 21.86               | 19.27          | 105.02         |                 |
| 15-30-15                                        | 'Kentucky Green   | 57200         | 15.29          | 30.57               | 14.71          | 101.18         |                 |
| 10-10-10                                        | 'Kentucky Green   | 57482         | 9.88           | 9.53                | 9.69           | 97.07          |                 |
| 19-19-19                                        | 'Kentucky Green   | 57483         | 18.23          | 19.87               | 20.02          | 101.44         |                 |
| 19-19-19                                        | 'Kentucky Green   | 57484         | 18.05          | 20.65               | 18.7           | 100.72         |                 |
| 10-10-10                                        | 'Kentucky Green   | 57642         | 11.57          | 10.45               | 12.58          | 114.36         |                 |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                       | Brand                   | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------|-------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 10-10-10                                     | 'Kentucky Green         | 57676         | 9.10           | 9.31                | 8.75           | 90.84          |                 |
| 15-15-15                                     | 'Kentucky Green         | 57677         | 14.64          | 16.99               | 14.11          | 102.22         |                 |
| 19-19-19                                     | 'Kentucky Green         | 57681         | 19.18          | 19.4                | 18.45          | 100.36         |                 |
| 10-10-10                                     | 'KY Green               | 57752         | 10.40          | 10.17               | 9.83           | 101.71         |                 |
| 35-00-00                                     | 'KY Green               | 57753         | 33.71          |                     |                | 96.31          | *               |
| 5-10-10                                      | 'Kentucky Green         | 57754         | 5.68           | 9.44                | 7.60           | 93.11          |                 |
| 10-10-10                                     | 'Kentucky Green         | 57755         | 9.41           | 9.485               | 8.79           | 92.74          |                 |
| 16-27-14                                     | 'Kentucky Green         | 57756         | 15.84          | 26.47               | 13.36          | 97.86          |                 |
| 19-35-8                                      | 'Kentucky Green         | 57757         | 18.99          | 36.98               | 7.27           | 102.32         |                 |
| 12-12-12                                     | 'Kentucky Green         | 57849         | 12.15          | 12.39               | 12.45          | 102.6          |                 |
| Knox Fertilizer Company Inc Knox ,IN         |                         |               |                |                     |                |                |                 |
| 15-5-15                                      | 'Schultz Rose & Flower  | 55850         | 14.98          | 5.74                | 14.44          | 100.95         | *               |
| 11-22-10                                     | 'Lawnscape Starter      | 57552         | 12.39          | 22.14               | 9.08           | 102.38         |                 |
| 5-10-5                                       | 'Schultz Starter Plus   | 57801         | 5.29           | 10.34               | 5.18           | 104.13         | *               |
| Lake Cumberland Farmers Coop. Monticello ,KY |                         |               |                |                     |                |                |                 |
| 26-00-26                                     |                         | 56369         | 26.45          |                     | 26.64          | 101.87         |                 |
| 27-14-14                                     |                         | 56370         | 27.64          | 13.57               | 15             | 102.54         |                 |
| 19-19-19                                     |                         | 57429         | 19.83          | 20.14               | 19.66          | 102.74         |                 |
| Lilly Miller Brands - Atlanta Atlanta ,GA    |                         |               |                |                     |                |                |                 |
| 5-1-1                                        | 'Alaska Fish Fertilizer | 55885         | 4.91           | 1.51                | 0.345          | 99             |                 |
| 5-1-1                                        | 'Alaska Fish Fertilizer | 57574         | 5.49           | 2.26                | 0.10           | 115.77         |                 |
| 5-1-1                                        | 'Alaska Fish Fertilizer | 57806         | 5.49           | 2.51                | 1.28           | 131.2          |                 |
| Loveland Products, Inc. Greeley ,CO          |                         |               |                |                     |                |                |                 |
| 7-17-3                                       | 'Riser 7-17-3           | 55823         | 7.14           | 17.20               | 3.14           | 101.7          | *               |
| 7-17-3                                       | 'Riser 7-17-3           | 55824         | 7.01           | 17.46               | 3.09           | 102            | *               |
| 7-17-3                                       | 'Riser 7-17-3           | 55825         | 6.84           | 16.90               | 3.01           | 99             | *               |
| 24-00-00                                     | 'Maximum N-Pact         | 56076         | 23.57          |                     |                | 98.21          |                 |
| 6-20-00                                      | 'Black Label ZN         | 57303         | 5.95           | 19.5                |                | 97.91          | *               |
| Marshall County Coop Benton ,KY              |                         |               |                |                     |                |                |                 |
| 30-00-00                                     | '30-0-0                 | 55916         | 30.78          |                     |                | 102.6          | *               |
| 18-46-00                                     | 'DAP                    | 55917         | 17.91          | 45.3                |                | 98.79          |                 |
| 00-00-60                                     | 'MP                     | 55918         |                |                     | 59.88          | 99.8           |                 |
| 18-18-15                                     |                         | 56109         | 19.25          | 17.21               | 14.12          | 99.73          | *               |
| 18-18-15                                     |                         | 56110         | 19.07          | 17.32               | 15.21          | 101.18         | *               |
| 18-46-00                                     | 'DAP                    | 56670         | 17.61          | 46.07               |                | 99.46          |                 |
| 00-00-60                                     | 'MP                     | 56671         |                |                     | 59.02          | 98.37          |                 |
| 30-00-00                                     | '30-0-0 w/ 8 S          | 56672         | 30.33          |                     |                | 101.1          | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                                     | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 18-18-15                                                   |       | 56673         | 17.86          | 18.04               | 15.37          | 100.18         | *               |
| 18-18-15                                                   |       | 56674         | 18.04          | 18.32               | 15.21          | 100.92         | *               |
| 18-18-15                                                   |       | 56675         | 17.66          | 18.5                | 16.38          | 102.22         | *               |
| 18-18-15                                                   |       | 56676         | 17.63          | 18.77               | 15.87          | 101.82         | *               |
| 20-9-15                                                    |       | 56677         | 19.39          | 8.9                 | 15.9           | 99.9           | *               |
| Mays Lick Mill Mayslick ,KY                                |       |               |                |                     |                |                |                 |
| 25-15-15                                                   |       | 57355         | 25.70          | 15.47               | 14.77          | 100.68         |                 |
| 23-00-00                                                   |       | 57356         | 21.47          |                     |                | 93.35          |                 |
| 00-00-30                                                   |       | 57357         |                |                     | 30.11          | 98.72          |                 |
| 23-00-00                                                   |       | 57358         | 23.14          |                     |                | 100.61         |                 |
| 25-34-00                                                   |       | 57359         | 24.38          | 35.35               |                | 100.27         |                 |
| 28-12-15                                                   |       | 57360         | 27.21          | 12.53               | 15.51          | 101.71         |                 |
| 30-5-17                                                    |       | 57361         | 29.22          | 4.78                | 18.04          | 99.14          |                 |
| 29-00-00                                                   |       | 57362         | 29.77          |                     |                | 101.5          | *               |
| 00-00-32                                                   |       | 57365         |                |                     | 32.12          | 99.88          | *               |
| 27-32-00                                                   |       | 57366         | 26.38          | 31.75               |                | 99.4           |                 |
| Mid States Ag Sales LLC Lavergne ,TN                       |       |               |                |                     |                |                |                 |
| 18-46-00 'DAP                                              |       | 55741         | 18.09          | 45.38               |                | 99.21          |                 |
| 46-00-00 'Urea                                             |       | 55742         | 46.12          |                     |                | 100.26         |                 |
| 00-00-60 'MOP                                              |       | 55743         |                |                     | 60.09          | 100.15         |                 |
| 00-00-60 'MOP                                              |       | 55744         |                |                     | 60.68          | 101.13         |                 |
| 18-46-00 'DAP                                              |       | 55745         | 18.42          | 45.96               |                | 100.64         |                 |
| 46-00-00 'Urea                                             |       | 55746         | 45.93          |                     |                | 99.85          |                 |
| 18-46-00 'DAP                                              |       | 55792         | 17.31          | 45.31               |                | 97.8           |                 |
| 18-46-00 'DAP                                              |       | 55793         | 17.84          | 45.33               |                | 98.71          |                 |
| 00-00-60 'MOP                                              |       | 55796         |                |                     | 60.39          | 100.65         |                 |
| 00-00-60 'MOP                                              |       | 55797         |                |                     | 60.16          | 100.27         |                 |
| 18-46-00 'DAP                                              |       | 55798         | 18.11          | 45.64               |                | 99.64          |                 |
| 46-00-00 'Urea                                             |       | 55799         | 46.14          |                     |                | 100.3          |                 |
| 46-00-00 'Urea                                             |       | 55800         | 46.03          |                     |                | 100.07         |                 |
| 46-00-00 'Urea                                             |       | 55801         | 46.08          |                     |                | 100.17         |                 |
| 46-00-00 'Urea                                             |       | 55875         | 46.07          |                     |                | 100.15         |                 |
| 00-00-60 'MOP                                              |       | 55876         |                |                     | 61.58          | 102.63         |                 |
| 18-46-00 'DAP                                              |       | 55877         | 17.79          | 45.33               |                | 98.63          |                 |
| Miracle-Gro Lawn Products, Inc. Marysville ,OH             |       |               |                |                     |                |                |                 |
| 18-6-12 'Miracle-Gro Shake n Feed Flowering Trees & Shrubs |       | 55852         | 18.09          | 6.15                | 12.85          | 102.52         | *               |
| 9-2-7 'Miracle-Gro Performance Organics All Purpose        |       | 55853         | 8.97           | 2.48                | 7.54           | 104.95         | *               |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                                   | Brand                                                    | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------------------|----------------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 11-3-8                                                   | 'Miracle-Gro Performance Organics                        | 55901         | 11.32          | 4.08                | 9.48           | 112.02         | *               |
| 10-5-15                                                  | 'Miracle-Gro Shake n Feed Tomato Fruit & Vegetable       | 55909         | 10.36          | 5.38                | 16.1           | 105.86         | *               |
| 9-2-7                                                    | 'Miracle Gro Performance Organics All Purpose            | 56374         | 8.91           | 2.46                | 7.07           | 102.43         | *               |
| 12-4-8                                                   | 'Miracle Gro Shake n Feed All Purpose                    | 56433         | 12.35          | 4.62                | 8.09           | 104.65         | *               |
| 11-3-8                                                   | 'Performance Organics                                    | 56989         | 11.20          | 4.1                 | 8.59           | 108.37         | *               |
| 18-18-21                                                 | 'Miracle Gro Plant Food Vegetables and Herbs             | 57575         | 21.63          | 16.74               | 18.55          | 101.75         | *               |
| 9-2-7                                                    | 'Performance Organics                                    | 57576         | 9.27           | 1.9                 | 6.81           | 100.34         | *               |
| 4-12-4                                                   | 'Miracle Gro Quick Start Planting & Starting Solution    | 57803         | 4.24           | 13.05               | 4.23           | 107.67         |                 |
| 9-4-9                                                    | 'Miracle Gro Liquafeed Tomato Fruits & Vegetables        | 57804         | 9.36           | 4.35                | 9.1            | 104            | *               |
| 12-4-8                                                   | 'Miracle Gro Liquafeed All Purpose                       | 57805         | 12.23          | 4.32                | 8.11           | 102.84         | *               |
| 12-4-8                                                   | 'Miracle Gro All Purpose Plant Food                      | 57807         | 12.42          | 4.26                | 7.92           | 102.88         | *               |
| 10-3-6                                                   | 'Nature s Care Natural All Purpose Plant Food            | 57808         | 10.79          | 4.72                | 8.52           | 124.13         | *               |
| 18-18-21                                                 | 'Miracle Gro Water Soluble Plant Food Vegetables & Herbs | 57809         | 17.12          | 19.7                | 22.75          | 103.79         | *               |
| Monty's Plant Food Louisville ,KY                        |                                                          |               |                |                     |                |                |                 |
| 8-16-8                                                   | 'Premium Growth Plant Food                               | 56380         | 8.52           | 15.77               | 8.39           | 102.04         | *               |
| 6-18-6                                                   | 'Monty s 6-18-6 with Sulfur and Zinc                     | 56563         | 5.59           | 23.41               | 5.56           | 116            | *               |
| 6-24-6                                                   | 'Monty s Premium Blend 6-24-6                            | 56761         | 5.74           | 23.00               | 5.98           | 96.28          | *               |
| 6-24-00                                                  | 'Monty s                                                 | 56912         | 7.37           | 21.72               | 5.32           | 96.48          |                 |
| 6-18-6                                                   | 'Monty s 6-18-6 with Sulfur and Zinc                     | 56959         | 5.72           | 19.14               | 5.64           | 101.96         | *               |
| 6-00-00                                                  | 'Monty s 6-18-6 with Sulfur and Zinc                     | 56960         | 7.93           |                     | 5.05           | 112.32         | *               |
| Nachurs Alpine Solutions Corporation Marion ,OH          |                                                          |               |                |                     |                |                |                 |
| 5-15-15                                                  | 'Nachurs Big Leaf                                        | 56988         | 5.11           | 15.01               | 15.16          | 100.79         | *               |
| NOT IN USAPLANTS Lexington ,KY                           |                                                          |               |                |                     |                |                |                 |
| 17-9-26                                                  | 'Epiphyte s Delight                                      | 56802         | 17.23          | 9.34                | 27.88          | 104.22         | *               |
| 28-00-00                                                 | '28-0-0                                                  | 57818         | 28.87          |                     |                | 103.11         |                 |
| Nutrien Ag Solutions - Russellville Russellville ,KY     |                                                          |               |                |                     |                |                |                 |
| 8-20-26                                                  |                                                          | 55453         | 7.59           | 20.56               | 25.54          | 100.5          | *               |
| 8-20-26                                                  |                                                          | 55454         | 7.56           | 19.81               | 25.83          | 99.35          | *               |
| 9-23-25                                                  |                                                          | 55455         | 9.00           | 23.62               | 24.82          | 101.54         | *               |
| 9-23-25                                                  |                                                          | 55456         | 9.17           | 23.9                | 23.85          | 101.05         | *               |
| 8-20-26                                                  |                                                          | 55457         | 7.57           | 19.11               | 26.54          | 99.04          | *               |
| 8-20-26                                                  |                                                          | 55458         | 7.56           | 20.41               | 26.04          | 100.89         | *               |
| 8-20-26                                                  |                                                          | 55459         | 7.48           | 19.53               | 26.24          | 99.23          | *               |
| 8-20-26                                                  |                                                          | 55460         | 7.46           | 19.26               | 26.08          | 98.38          | *               |
| 9-23-25                                                  |                                                          | 55461         | 9.05           | 22.96               | 25.06          | 100.75         | *               |
| 9-23-25                                                  |                                                          | 55462         | 9.18           | 23.13               | 24.75          | 100.92         | *               |
| Nutrien Ag Solutions - Campbellsville Campbellsville ,KY |                                                          |               |                |                     |                |                |                 |

Highlighted values are deficient.

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| Manufacturer and Grade                       | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 7-19-36                                      |       | 57070         | 7.79           | 18.62               | 35.45          | 100.6          |                 |
| 42-00-00                                     |       | 57072         | 43.60          |                     |                | 103.32         | *               |
| 42-00-00                                     |       | 57073         | 43.87          |                     |                | 104.15         | *               |
| 18-17-17                                     |       | 57074         | 18.07          | 18.67               | 17.18          | 103.92         | *               |
| 18-17-17                                     |       | 57075         | 18.24          | 15.87               | 18.2           | 100.13         | *               |
| 18-17-17                                     |       | 57076         | 18.23          | 15.95               | 18.17          | 100.22         | *               |
| 40-00-00                                     |       | 57079         | 39.15          |                     |                | 97.9           | *               |
| 19-00-25                                     |       | 57080         | 16.4           |                     | 29.08          | 100.45         | *               |
| 18-18-18                                     |       | 57081         | 17.37          | 18.27               | 18.19          | 101.82         | *               |
| 29-00-22                                     |       | 57083         | 28.28          |                     | 23.43          | 100.25         |                 |
| Nutrien Ag Solutions - Cecilia Cecilia ,KY   |       |               |                |                     |                |                |                 |
| 00-8-49                                      |       | 55499         |                | 9.63                | 47.33          | 99.81          |                 |
| 00-15-40                                     |       | 55500         |                | 16.98               | 38             | 100.24         |                 |
| 10-26-26                                     |       | 55557         | 9.57           | 24.06               | 28.19          | 98.16          |                 |
| 10-26-26                                     |       | 55558         | 9.51           | 24.24               | 28.38          | 98.59          |                 |
| 10-26-26                                     |       | 55559         | 9.96           | 25.02               | 28.24          | 100.67         |                 |
| 19-16-22                                     |       | 56314         | 19.23          | 17.25               | 22.6           | 102.88         |                 |
| 19-19-19                                     |       | 56315         | 19.35          | 21.72               | 18.64          | 103.33         |                 |
| 19-19-18                                     |       | 56316         | 18.30          | 20.35               | 19.31          | 103.86         |                 |
| 7-24-24                                      |       | 56413         | 7.26           | 24.02               | 25.03          | 101.73         | *               |
| 7-24-24                                      |       | 56414         | 7.37           | 25.49               | 23.34          | 102.44         | *               |
| 19-19-19                                     |       | 56415         | 19.48          | 18.35               | 18.41          | 97.15          |                 |
| 22-22-14                                     |       | 56567         | 21.46          | 23.06               | 15.22          | 102.89         |                 |
| 22-13-22                                     |       | 56568         | 22.02          | 13.11               | 20.99          | 100.42         |                 |
| 25-15-15                                     |       | 56569         | 25.09          | 16.21               | 15.26          | 101.98         |                 |
| 19-19-19                                     |       | 56570         | 19.73          | 19.5                | 19.05          | 100.58         |                 |
| Nutrien Ag Solutions - Clarkson Clarkson ,KY |       |               |                |                     |                |                |                 |
| 18-12-18                                     |       | 56416         | 17.75          | 11.75               | 18.91          | 100.36         | *               |
| 18-12-18                                     |       | 56417         | 18.21          | 12.32               | 18.81          | 102.59         | *               |
| 17-19-22                                     |       | 56418         | 18.24          | 19.1                | 20.72          | 100.96         |                 |
| 22-17-18                                     |       | 56419         | 21.62          | 17.75               | 18.82          | 101.64         |                 |
| 22-17-18                                     |       | 56420         | 21.76          | 17.74               | 18.55          | 101.54         |                 |
| 22-17-18                                     |       | 56421         | 21.52          | 18                  | 18.53          | 101.5          |                 |
| 21-12-23                                     |       | 56422         | 20.43          | 12.19               | 24.45          | 101.38         |                 |
| 24-8-23                                      |       | 56423         | 22.37          | 12.25               | 21.88          | 104.57         |                 |
| 20-19-19                                     |       | 56424         | 19.62          | 18.29               | 20.29          | 99.77          |                 |
| 19-19-19                                     |       | 56425         | 19.41          | 19.16               | 20.39          | 101.08         |                 |

Highlighted values are deficient.

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| Manufacturer and Grade                     | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| Nutrien Ag Solutions - Clay Clay ,KY       |       |               |                |                     |                |                |                 |
| 19-19-19                                   |       | 57442         | 19.44          | 20.49               | 19.66          | 102.68         |                 |
| 16-15-22                                   |       | 57443         | 16.13          | 15.43               | 23.05          | 102.05         | *               |
| 16-15-22                                   |       | 57444         | 16.33          | 16.2                | 22.35          | 103.02         | *               |
| 10-18-27                                   |       | 57445         | 10.15          | 17.79               | 27.08          | 100.07         | *               |
| 10-18-27                                   |       | 57446         | 10.35          | 18.85               | 26.79          | 102.26         | *               |
| 10-18-27                                   |       | 57447         | 10.57          | 18.58               | 26.56          | 101.82         | *               |
| 10-18-27                                   |       | 57448         | 10.74          | 17.87               | 26.87          | 101.21         | *               |
| 6-20-30                                    |       | 57449         | 5.83           | 19.78               | 28.75          | 97.33          | *               |
| 6-20-30                                    |       | 57450         | 6.08           | 20.92               | 28.76          | 100.26         | *               |
| 6-20-30                                    |       | 57451         | 6.06           | 20.98               | 29.44          | 101.36         | *               |
| Nutrien Ag Solutions - Clinton Clinton ,KY |       |               |                |                     |                |                |                 |
| 4-6-21                                     |       | 55520         | 4.73           | 7.38                | 20.81          | 107.04         | *               |
| 4-4-23                                     |       | 55524         | 5.54           | 4.75                | 22.23          | 108.9          | *               |
| 6-20-30                                    |       | 55525         | 6.08           | 20.51               | 29.37          | 100.24         | *               |
| 6-20-30                                    |       | 55526         | 6.14           | 20.35               | 29.58          | 100.39         | *               |
| 10-00-30                                   |       | 57170         | 10.18          |                     | 30.89          | 100.9          | *               |
| 10-00-30                                   |       | 57171         | 10.44          |                     | 30.39          | 100.66         | *               |
| 24-14-18                                   |       | 57305         | 23.36          | 15.68               | 18.04          | 102.69         |                 |
| 24-14-18                                   |       | 57306         | 23.50          | 13.73               | 19.37          | 101.14         |                 |
| 22-15-20                                   |       | 57307         | 21.29          | 15.74               | 21.52          | 102.88         |                 |
| 22-15-20                                   |       | 57308         | 21.68          | 14.78               | 21.96          | 102.49         |                 |
| 22-15-20                                   |       | 57319         | 21.29          | 14.92               | 22.33          | 102.46         |                 |
| 22-15-20                                   |       | 57320         | 21.52          | 15.54               | 19.75          | 100.55         |                 |
| 10-12-30                                   |       | 57321         | 9.48           | 11.89               | 31.99          | 104.16         | *               |
| 10-12-30                                   |       | 57322         | 9.68           | 11.54               | 31.59          | 103.19         | *               |
| Nutrien Ag Solutions - Ekron Ekron ,KY     |       |               |                |                     |                |                |                 |
| 16-16-16                                   |       | 56575         | 15.46          | 16.33               | 16.28          | 101.11         | *               |
| 24-18-8                                    |       | 56576         | 25.70          | 16.53               | 7.49           | 100.36         | *               |
| 24-18-8                                    |       | 56577         | 24.58          | 16.94               | 7.67           | 98.98          | *               |
| 17-17-17                                   |       | 56578         | 17.39          | 18.19               | 17.44          | 102.76         | *               |
| 19-19-19                                   |       | 56581         | 19.35          | 20.42               | 19.27          | 101.81         |                 |
| 18-17-17                                   |       | 56582         | 18.19          | 17.97               | 16.37          | 100.32         | *               |
| 18-18-18                                   |       | 56583         | 17.61          | 18.91               | 16.92          | 101.75         | *               |
| 25-13-13                                   |       | 56584         | 25.42          | 13.42               | 13.01          | 101.79         | *               |
| 23-14-14                                   |       | 56585         | 23.02          | 15.24               | 13.65          | 101.21         | *               |
| 23-14-14                                   |       | 56586         | 23.55          | 14.94               | 14.01          | 102.29         | *               |

Highlighted values are deficient.

\* Refer to Table 3



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                     | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 11-18-24                                   |       | 56393         | 11.26          | 18.25               | 24.24          | 100.88         | *               |
| 11-18-24                                   |       | 56394         | 11.55          | 18.67               | 25.64          | 104.56         | *               |
| 22-5-28                                    |       | 56395         | 21.76          | 4.87                | 29.72          | 103.19         |                 |
| 11-18-24                                   |       | 56397         | 11.69          | 18.44               | 25.15          | 103.65         | *               |
| 11-18-24                                   |       | 56398         | 11.59          | 18.7                | 25.41          | 104.36         | *               |
| 8-00-37                                    |       | 57122         | 7.68           |                     | 35.38          | 97.1           | *               |
| 11-18-24                                   |       | 57123         | 10.56          | 18.16               | 24.69          | 99.09          | *               |
| 11-18-24                                   |       | 57124         | 11.32          | 18.62               | 23.83          | 100.47         | *               |
| 11-18-24                                   |       | 57125         | 11.11          | 19.14               | 25.64          | 103.82         | *               |
| 7-17-31                                    |       | 57126         | 7.82           | 19.25               | 29.73          | 103.7          | *               |
| 7-17-31                                    |       | 57127         | 7.63           | 18.37               | 30.13          | 102.04         | *               |
| Nutrien Ag Solutions - Greeley Greeley ,CO |       |               |                |                     |                |                |                 |
| 18-46-00 'DAP                              |       | 55152         | 17.78          | 45.27               |                | 98.53          |                 |
| 00-00-60 'MOP                              |       | 55153         |                |                     | 59.58          | 99.3           |                 |
| 18-46-00 'DAP                              |       | 55200         | 17.85          | 45.62               |                | 99.17          |                 |
| 12-40-00 'MES                              |       | 55201         | 11.26          | 40.01               |                | 98.39          | *               |
| 00-00-60 'MOP                              |       | 55202         |                |                     | 60.77          | 101.28         |                 |
| 00-00-60 'MP                               |       | 55232         |                |                     | 59.48          | 99.13          |                 |
| 18-46-00 'DAP                              |       | 55233         | 18.04          | 45.75               |                | 99.7           |                 |
| 00-00-22 'K-Mag                            |       | 55247         |                |                     | 22.50          | 102.27         | *               |
| 18-46-00 'DAP                              |       | 55248         | 17.65          | 45.11               |                | 98.06          |                 |
| 12-40-00 'MES 10                           |       | 55249         | 11.72          | 39.02               |                | 97.58          | *               |
| 12-40-00 'MES 10                           |       | 55250         | 11.71          | 38.94               |                | 97.41          | *               |
| 00-00-60 'MP                               |       | 55251         |                |                     | 59.20          | 98.67          |                 |
| 00-00-60 'MP                               |       | 55252         |                |                     | 60.14          | 100.23         |                 |
| 18-46-00 'DAP                              |       | 55268         | 17.84          | 45.60               |                | 99.12          |                 |
| 00-00-60 'MP                               |       | 55269         |                |                     | 59.70          | 99.5           |                 |
| 00-46-00 'TSP                              |       | 55270         |                | 45.41               |                | 98.72          |                 |
| 12-40-00 'MES10                            |       | 55271         | 11.69          | 39.82               |                | 98.99          | *               |
| 00-00-60 'MP                               |       | 55272         |                |                     | 59.86          | 99.77          |                 |
| 18-46-00 'DAP                              |       | 55286         | 17.85          | 45.80               |                | 99.44          |                 |
| 00-46-00 'TSP                              |       | 55287         |                | 46.02               |                | 100.04         |                 |
| 00-00-60 'MOP                              |       | 55288         |                |                     | 59.33          | 98.88          |                 |
| 00-46-00 'TSP                              |       | 55289         |                | 46.26               |                | 100.57         |                 |
| 18-46-00 'DAP                              |       | 55300         | 17.73          | 45.99               |                | 99.51          |                 |
| 00-00-60 'MP                               |       | 55301         |                |                     | 59.82          | 99.7           |                 |
| 00-00-60 'MP                               |       | 55302         |                |                     | 60.16          | 100.27         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand               | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|---------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 46-00-00               | 'Urea               | 55303         | 46.07          |                     |                | 100.15         |                 |
| 18-46-00               | 'DAP                | 55305         | 17.82          | 46.12               |                | 99.86          |                 |
| 00-00-60               | 'MP                 | 55306         |                |                     | 60.48          | 100.8          |                 |
| 00-00-58               | '0-0-58-0.5B Aspire | 55335         |                |                     | 59.46          | 102.52         | *               |
| 00-00-60               | 'MP                 | 55336         |                |                     | 60.19          | 100.32         |                 |
| 12-40-00               | 'MES10              | 55337         | 11.91          | 39.56               |                | 98.99          | *               |
| 00-46-00               | 'TSP                | 55338         |                | 46.77               |                | 101.67         |                 |
| 00-00-60               | 'MP                 | 55339         |                |                     | 60.82          | 101.37         |                 |
| 18-46-00               | 'DAP                | 55340         | 18.08          | 46.05               |                | 100.22         |                 |
| 12-40-00               | 'MES10              | 55341         | 11.64          | 41.96               |                | 102.81         | *               |
| 00-46-00               | 'TSP                | 55408         |                | 45.73               |                | 99.41          |                 |
| 18-46-00               | 'DAP                | 55409         | 17.68          | 45.66               |                | 98.93          |                 |
| 18-46-00               | 'DAP                | 55442         | 17.23          | 46.25               |                | 99.01          |                 |
| 00-00-60               | 'MP                 | 55443         |                |                     | 60.86          | 101.43         |                 |
| 00-00-60               | 'MOP                | 55502         |                |                     | 60.21          | 100.35         |                 |
| 18-46-00               | 'DAP                | 55503         | 17.38          | 45.69               |                | 98.44          |                 |
| 18-46-00               | 'DAP                | 55504         | 17.71          | 45.77               |                | 99.15          |                 |
| 00-00-60               | 'MOP                | 55505         |                |                     | 60.91          | 101.52         |                 |
| 12-40-00               | 'MES 10             | 55521         | 11.24          | 40.95               |                | 100.08         | *               |
| 00-00-60               | 'MP                 | 55522         |                |                     | 60.23          | 100.38         |                 |
| 21-00-00               | 'AS                 | 55523         | 20.57          |                     |                | 97.95          | *               |
| 18-46-00               | 'DAP                | 55609         | 17.42          | 46.44               |                | 99.7           |                 |
| 00-00-60               | 'MOP                | 55610         |                |                     | 59.53          | 99.22          |                 |
| 00-00-60               | 'MOP                | 55611         |                |                     | 59.19          | 98.65          |                 |
| 20-00-00               | 'AS                 | 55612         | 19.9           |                     |                | 99.5           | *               |
| 00-00-60               | 'MOP                | 55613         |                |                     | 59.73          | 99.55          |                 |
| 18-46-00               | 'DAP                | 55614         | 17.56          | 45.71               |                | 99.52          |                 |
| 12-40-00               | 'MES 10             | 55615         | 12.15          | 39.67               |                | 99.69          | *               |
| 18-46-00               | 'DAP                | 55616         | 17.54          | 45.78               |                | 98.9           |                 |
| 00-00-22               | 'Sul-Po-Mag         | 55617         |                |                     | 22.01          | 100.05         | *               |
| 12-40-00               | 'MES 10             | 55643         | 12.12          | 39.93               |                | 100.12         | *               |
| 00-00-60               | 'MOP                | 55644         |                |                     | 59.20          | 98.67          |                 |
| 21-00-00               | 'AS                 | 55645         | 20.44          |                     |                | 97.33          | *               |
| 00-00-60               | 'MOP                | 55673         |                |                     | 59.07          | 98.45          |                 |
| 00-00-60               | 'MOP                | 55674         |                |                     | 61.14          | 101.9          |                 |
| 00-00-60               | 'MOP                | 55675         |                |                     | 60.44          | 100.73         |                 |
| 44-00-00               | 'ESN                | 55676         | 44.81          |                     |                | 101.84         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand          | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|----------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 46-00-00               | 'Urea          | 55678         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP           | 55679         | 17.91          | 45.16               |                | 98.57          |                 |
| 18-46-00               | 'DAP           | 55680         | 18.14          | 46.06               |                | 100.32         |                 |
| 00-00-60               | 'MOP           | 55681         |                |                     | 59.96          | 99.93          |                 |
| 44-00-00               | 'ESN           | 55682         | 44.65          |                     |                | 101.48         |                 |
| 20-00-00               | 'AS            | 55683         | 19.64          |                     |                | 98.2           | *               |
| 00-00-58               | 'Aspire        | 55685         |                |                     | 57.77          | 99.6           | *               |
| 12-40-00               | 'MES Z         | 55686         | 11.91          | 39.08               |                | 98.08          | *               |
| 18-46-00               | 'DAP           | 55687         | 17.89          | 46.50               |                | 100.58         |                 |
| 00-00-60               | 'MOP           | 55688         |                |                     | 60.85          | 101.42         |                 |
| 00-00-22               | 'K-Mag         | 55689         |                |                     | 23.33          | 106.05         | *               |
| 46-00-00               | 'Urea          | 55690         | 45.95          |                     |                | 99.89          |                 |
| 46-00-00               | 'Urea          | 55707         | 45.97          |                     |                | 99.93          |                 |
| 44-00-00               | 'ESN           | 55708         | 44.71          |                     |                | 101.61         |                 |
| 00-00-60               | 'MOP           | 55709         |                |                     | 58.99          | 98.32          |                 |
| 18-46-00               | 'DAP           | 55710         | 17.78          | 45.93               |                | 99.53          |                 |
| 18-46-00               | 'DAP           | 55711         | 17.82          | 46.33               |                | 100.2          |                 |
| 00-00-60               | 'MOP           | 55712         |                |                     | 60.94          | 101.57         |                 |
| 21-00-00               | 'AMS           | 55714         | 20.49          |                     |                | 97.57          | *               |
| 18-46-00               | 'DAP           | 55753         | 17.97          | 45.27               |                | 98.84          |                 |
| 00-00-60               | 'MOP           | 55755         |                |                     | 60.27          | 100.45         |                 |
| 18-46-00               | 'DAP           | 55756         | 17.54          | 45.64               |                | 99.23          |                 |
| 46-00-00               | 'Urea          | 55757         | 46.16          |                     |                | 100.35         |                 |
| 44-00-00               | 'ESN Urea      | 55758         | 45.18          |                     |                | 102.68         |                 |
| 20-00-00               | AS             | 55759         | 21.52          |                     |                | 107.6          | *               |
| 00-00-60               | 'MP            | 55819         |                |                     | 59.91          | 99.85          |                 |
| 18-46-00               | 'DAP           | 55820         | 17.86          | 46.26               |                | 100.16         |                 |
| 12-40-00               | 'MEZ           | 55821         | 11.72          | 40.85               |                | 101.02         | *               |
| 44-00-00               | 'ESN           | 55822         | 45.03          |                     |                | 102.34         |                 |
| 45-00-00               | '45-0-0        | 55826         | 45.49          |                     |                | 101.09         |                 |
| 00-00-58               | 'Aspire 0-0-58 | 55827         |                |                     | 57.32          | 98.83          | *               |
| 00-00-60               | 'MP            | 55828         |                |                     | 59.05          | 98.42          |                 |
| 12-40-00               | 'MES10         | 55829         | 11.84          | 40.86               |                | 101.29         | *               |
| 18-46-00               | 'DAP           | 55951         | 17.63          | 45.52               |                | 98.65          |                 |
| 00-00-60               | 'MP            | 55952         |                |                     | 59.15          | 98.58          |                 |
| 00-00-60               | 'MOP           | 55971         |                |                     | 59.00          | 98.33          |                 |
| 00-00-60               | 'MOP           | 55972         |                |                     | 60.49          | 100.82         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand             | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|-------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60               | 'MOP              | 55973         |                |                     | 60.12          | 100.2          |                 |
| 00-00-60               | 'MOP              | 55974         |                |                     | 59.10          | 98.5           |                 |
| 18-46-00               | 'DAP              | 55975         | 17.72          | 45.63               |                | 98.97          |                 |
| 12-40-00               | 'MES              | 55976         | 11.42          | 40.8                |                | 100.31         | *               |
| 12-40-00               | 'MES              | 55977         | 11.79          | 38.84               |                | 97.38          | *               |
| 46-00-00               | 'Urea             | 55978         | 46.12          |                     |                | 100.26         |                 |
| 20-00-00               | 'Ammonium Sulfate | 56010         | 20.19          |                     |                | 98.49          | *               |
| 00-00-60               | 'MOP              | 56011         |                |                     | 60.14          | 100.23         |                 |
| 12-40-00               | 'MES 10           | 56012         | 11.88          | 40.18               |                | 100.09         | *               |
| 44-00-00               | 'ESN Urea         | 56013         | 45.32          |                     |                | 103            |                 |
| 18-46-00               | 'DAP              | 56014         | 17.10          | 46.18               |                | 98.77          |                 |
| 46-00-00               | 'Urea             | 56015         | 46.19          |                     |                | 100.41         |                 |
| 46-00-00               | 'Urea             | 56071         | 46.20          |                     |                | 100.43         |                 |
| 44-00-00               | 'ESN              | 56072         | 45.49          |                     |                | 103.39         |                 |
| 12-40-00               | 'MES10            | 56073         | 11.92          | 40.49               |                | 100.76         | *               |
| 00-00-60               | 'MP               | 56074         |                |                     | 60.80          | 101.33         |                 |
| 18-46-00               | 'DAP              | 56075         | 17.75          | 45.21               |                | 98.38          |                 |
| 46-00-00               | 'Urea             | 56153         | 46.11          |                     |                | 100.24         |                 |
| 00-46-00               | 'TSP              | 56154         |                | 46.71               |                | 101.54         |                 |
| 18-46-00               | 'DAP              | 56155         | 17.33          | 46.22               |                | 99.22          |                 |
| 00-00-60               | 'MOP              | 56156         |                |                     | 62.08          | 103.47         |                 |
| 44-00-00               | 'ESN Urea         | 56157         | 44.98          |                     |                | 102.23         |                 |
| 20-00-00               | 'AMS              | 56158         | 20.41          |                     |                | 99.56          | *               |
| 32-00-00               | '32% UAN          | 56185         | 32.17          |                     |                | 100.53         |                 |
| 20-00-00               | 'AS               | 56396         | 19.84          |                     |                | 99.2           | *               |
| 18-46-00               | 'DAP              | 56571         | 17.64          | 46.07               |                | 99.51          |                 |
| 46-00-00               | 'Urea             | 56572         | 46.18          |                     |                | 100.39         |                 |
| 44-00-00               | 'ESN Urea         | 56573         | 45.40          |                     |                | 103.18         |                 |
| 12-40-00               | 'MES 10           | 56574         | 11.92          | 40.71               |                | 101.17         | *               |
| 00-00-22               | 'KMag             | 56579         |                |                     | 21.75          | 98.86          | *               |
| 00-00-60               | 'MOP              | 56580         |                |                     | 59.25          | 98.75          |                 |
| 32-00-00               | '32% UAN          | 56609         | 32.17          |                     |                | 100.53         |                 |
| 00-00-60               | 'MOP              | 56806         |                |                     | 59.57          | 99.28          |                 |
| 18-46-00               | 'DAP              | 56807         | 18.03          | 46.3                |                | 100.51         |                 |
| 18-46-00               | 'DAP              | 56808         | 17.81          | 46.05               |                | 99.76          |                 |
| 00-00-60               | 'MOP              | 56809         |                |                     | 59.06          | 98.43          |                 |
| 46-00-00               | 'Urea             | 56818         | 45.97          |                     |                | 99.93          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand     | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|-----------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 18-46-00               | 'DAP      | 56819         | 17.47          | 45.49               |                | 98.34          |                 |
| 44-00-00               | 'ESN      | 56820         | 45.06          |                     |                | 102.41         |                 |
| 00-00-60               | 'MOP      | 56821         |                |                     | 59.61          | 99.35          |                 |
| 20-00-00               | 'AS       | 56822         | 19.94          |                     |                | 97.27          | *               |
| 12-40-00               | 'MES 10   | 56831         | 11.76          | 41.08               |                | 101.54         | *               |
| 18-46-00               | 'DAP      | 56832         | 17.24          | 45.73               |                | 98.32          |                 |
| 00-00-60               | 'MP       | 56833         |                |                     | 61.46          | 102.43         |                 |
| 18-46-00               | 'DAP      | 56834         | 17.44          | 45.2                |                | 97.85          |                 |
| 00-00-60               | 'MP       | 56835         |                |                     | 59.21          | 98.68          |                 |
| 46-00-00               | 'Urea     | 56836         | 46.03          |                     |                | 100.07         |                 |
| 20-00-00               | 'AS       | 56837         | 20.16          |                     |                | 100.8          | *               |
| 18-46-00               | 'DAP      | 56866         | 17.87          | 45.3                |                | 98.72          |                 |
| 00-00-60               | 'MP       | 56867         |                |                     | 60.8           | 101.33         |                 |
| 18-46-00               | 'DAP      | 56868         | 18.07          | 45.29               |                | 99.04          |                 |
| 44-00-00               | 'ESN      | 56869         | 45.21          |                     |                | 102.75         |                 |
| 46-00-00               | 'Urea     | 56870         | 45.98          |                     |                | 99.96          |                 |
| 12-40-00               | 'MES 10   | 56952         | 11.74          | 40.04               |                | 99.54          | *               |
| 18-46-00               | 'DAP      | 56953         | 17.67          | 45.34               |                | 98.45          |                 |
| 00-00-60               | 'MOP      | 56955         |                |                     | 60.43          | 100.72         |                 |
| 46-00-00               | 'Urea     | 56956         | 46.20          |                     |                | 100.43         |                 |
| 46-00-00               | 'Urea     | 56957         | 46.08          |                     |                | 100.17         |                 |
| 44-00-00               | 'ESN Urea | 56958         | 45.54          |                     |                | 103.5          |                 |
| 46-00-00               | 'Urea     | 56961         | 46.17          |                     |                | 100.37         |                 |
| 00-46-00               | 'TSP      | 56962         |                | 45.26               |                | 98.39          |                 |
| 12-40-00               | 'MEZ      | 56963         | 11.78          | 40.1                |                | 99.73          | *               |
| 44-00-00               | 'ESN      | 56964         | 44.83          |                     |                | 101.89         |                 |
| 18-46-00               | 'DAP      | 56965         | 17.24          | 45.89               |                | 98.56          |                 |
| 18-46-00               | 'DAP      | 56966         | 17.40          | 45.36               |                | 98.03          |                 |
| 00-00-60               | 'MP       | 56967         |                |                     | 60.5           | 100.83         |                 |
| 46-00-00               | 'Urea     | 57077         | 46.20          |                     |                | 100.43         |                 |
| 44-00-00               | 'ESN      | 57078         | 45.21          |                     |                | 102.75         |                 |
| 44-00-00               | 'ESN      | 57082         | 44.82          |                     |                | 101.86         |                 |
| 18-46-00               | 'DAP      | 57084         | 17.66          | 45.15               |                | 98.14          |                 |
| 12-40-00               | 'MES10    | 57085         | 12.02          | 40.41               |                | 100.81         | *               |
| 18-46-00               | 'DAP      | 57117         | 17.60          | 45.64               |                | 98.78          |                 |
| 00-00-60               | 'MP       | 57118         |                |                     | 59.49          | 99.15          |                 |
| 00-00-60               | 'MP       | 57119         |                |                     | 60.98          | 101.63         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                   | Brand     | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------|-----------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 46-00-00                                 | 'Urea     | 57120         | 46.12          |                     |                | 100.26         |                 |
| 20-00-00                                 | 'AS       | 57121         | 20.17          |                     |                | 100.85         | *               |
| 00-00-50                                 | 'SOP      | 57149         |                |                     | 49.8           | 99.6           |                 |
| 32-00-00                                 | '32% UAN  | 57235         | 32.17          |                     |                | 100.53         |                 |
| 32-00-00                                 | '32% UAN  | 57302         | 32.02          |                     |                | 100.06         |                 |
| 00-00-50                                 | 'SOP      | 57516         |                |                     | 52.35          | 104.7          |                 |
| 12-40-00                                 | 'MES 10   | 57517         | 11.95          | 43.46               |                | 106.4          | *               |
| 18-46-00                                 | 'DAP      | 57518         | 18.01          | 46.46               |                | 100.72         |                 |
| 21-00-00                                 | 'AS       | 57519         | 20.57          |                     |                | 97.95          | *               |
| 00-00-60                                 | 'MOP      | 57557         |                |                     | 59.58          | 99.3           |                 |
| 18-46-00                                 | 'DAP      | 57558         | 17.90          | 46.27               |                | 100.24         |                 |
| 44-00-00                                 | 'ESN Urea | 57559         | 44.69          |                     |                | 101.57         |                 |
| 00-00-50                                 | 'SOP      | 57560         |                |                     | 50.2           | 100.4          |                 |
| 46-00-00                                 | 'Urea     | 57561         | 46.20          |                     |                | 100.43         |                 |
| 12-40-00                                 | 'MES 10   | 57562         | 11.82          | 41.05               |                | 101.6          | *               |
| 00-00-60                                 | 'MOP      | 57563         |                |                     | 60.53          | 100.88         |                 |
| 18-46-00                                 | 'DAP      | 57564         | 17.82          | 45.22               |                | 98.51          |                 |
| 46-00-00                                 | 'Urea     | 57565         | 46.20          |                     |                | 100.43         |                 |
| 44-00-00                                 | 'ESN Urea | 57566         | 44.98          |                     |                | 102.23         |                 |
| 21-00-00                                 | 'AS       | 57567         | 20.38          |                     |                | 97.05          | *               |
| 46-00-00                                 | 'Urea     | 57669         | 46.12          |                     |                | 100.26         |                 |
| 00-46-00                                 | 'TSP      | 57670         |                | 47.45               |                | 103.15         |                 |
| 00-00-60                                 | 'MOP      | 57671         |                |                     | 61.33          | 102.22         |                 |
| 18-46-00                                 | 'DAP      | 57672         | 17.65          | 47.42               |                | 101.58         |                 |
| 32-00-00                                 | '32% UAN  | 57682         | 31.98          |                     |                | 99.94          |                 |
| 00-00-50                                 | 'SOP      | 57708         |                |                     | 52.18          | 104.36         |                 |
| 32-00-00                                 | '32% UAN  | 57728         | 31.98          |                     |                | 99.94          |                 |
| Nutrien Ag Solutions - Hardin Hardin ,KY |           |               |                |                     |                |                |                 |
| 16-18-24                                 |           | 57279         | 16.03          | 17.02               | 25.07          | 98.14          |                 |
| 24-16-16                                 |           | 57280         | 24.53          | 17.51               | 15.66          | 103.43         |                 |
| 12-12-30                                 |           | 57281         | 11.87          | 11.9                | 30.71          | 101.3          | *               |
| 12-12-30                                 |           | 57282         | 12.17          | 12.01               | 29.89          | 100.96         | *               |
| 13-12-30                                 |           | 57283         | 12.54          | 11.47               | 30.14          | 99.68          | *               |
| 13-12-30                                 |           | 57284         | 13.35          | 13.75               | 26.19          | 100.26         | *               |
| 13-12-30                                 |           | 57285         | 12.58          | 11.82               | 30.11          | 100.47         | *               |
| 13-12-30                                 |           | 57286         | 12.65          | 12.26               | 31.35          | 103.47         | *               |
| 31-9-12                                  |           | 57528         | 32.15          | 9.5                 | 11.66          | 102.17         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                             | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 31-9-12                                            |       | 57529         | 31.39          | 9.28                | 11.95          | 100.55         |                 |
| Nutrien Ag Solutions - Henderson Henderson ,KY     |       |               |                |                     |                |                |                 |
| 9-23-30                                            |       | 55564         | 8.73           | 23.08               | 30.81          | 100.67         |                 |
| 9-23-30                                            |       | 55565         | 9.06           | 24.03               | 29.86          | 101.75         |                 |
| 9-22-31                                            |       | 56871         | 8.63           | 21.81               | 32.51          | 101.02         |                 |
| 9-22-31                                            |       | 56872         | 8.95           | 22.38               | 31.94          | 101.94         |                 |
| 9-22-31                                            |       | 56873         | 8.39           | 20.56               | 32.06          | 97.64          |                 |
| 9-22-31                                            |       | 56874         | 8.88           | 21.77               | 32.43          | 101.34         |                 |
| 9-22-31                                            |       | 56875         | 9.04           | 22.48               | 32.02          | 102.42         |                 |
| 9-22-31                                            |       | 56876         | 8.95           | 21.78               | 32.53          | 101.64         |                 |
| 9-22-31                                            |       | 56877         | 8.95           | 21.71               | 32.56          | 101.55         |                 |
| 9-22-31                                            |       | 56878         | 8.99           | 21.63               | 30.8           | 99.12          |                 |
| Nutrien Ag Solutions - Hodgenville Hodgenville ,KY |       |               |                |                     |                |                |                 |
| 00-7-20                                            |       | 55560         |                | 6.71                | 20.76          | 103.98         | *               |
| Nutrien Ag Solutions - Horse Cave Horse Cave ,KY   |       |               |                |                     |                |                |                 |
| 11-15-23                                           |       | 55465         | 10.65          | 16.09               | 23.75          | 101.82         | *               |
| 19-19-19                                           |       | 56151         | 19.48          | 20                  | 19.63          | 101.64         |                 |
| 21-18-18                                           |       | 56152         | 20.72          | 17.83               | 19.98          | 101.36         |                 |
| 28-13-13                                           |       | 56159         | 27.36          | 13.53               | 14.46          | 101.3          |                 |
| 19-19-19                                           |       | 56160         | 19.85          | 18.98               | 18.54          | 99.17          |                 |
| 27-14-14                                           |       | 56161         | 27.72          | 12.15               | 15.23          | 100.36         |                 |
| 20-18-18                                           |       | 56197         | 20.25          | 18.27               | 18.58          | 102.75         | *               |
| 13-20-27                                           |       | 56789         | 13.63          | 19.16               | 25.72          | 97.44          |                 |
| 2-17-30                                            |       | 56790         | 2.57           | 17.16               | 28.76          | 101.57         | *               |
| 18-13-26                                           |       | 56791         | 18.00          | 10.5                | 29.14          | 99.14          |                 |
| 24-15-6                                            |       | 56792         | 24.56          | 15.38               | 6.56           | 101.58         | *               |
| Nutrien Ag Solutions - Kevil Kevil ,KY             |       |               |                |                     |                |                |                 |
| 11-19-25                                           |       | 57304         | 10.63          | 19.77               | 25.1           | 100.92         | *               |
| Nutrien Ag Solutions - Lebanon Lebanon ,KY         |       |               |                |                     |                |                |                 |
| 24-10-20                                           |       | 57392         | 23.40          | 9.98                | 20.88          | 98.7           |                 |
| 24-10-20                                           |       | 57393         | 23.49          | 10.11               | 21.1           | 99.46          |                 |
| 24-10-20                                           |       | 57394         | 23.05          | 10.27               | 21.08          | 98.81          |                 |
| 18-13-17                                           |       | 57395         | 18.13          | 12.22               | 19.59          | 101.53         |                 |
| 26-00-17                                           |       | 57396         | 26.10          |                     | 18.1           | 102.89         | *               |
| 26-8-20                                            |       | 57397         | 24.62          | 7.92                | 21.21          | 99.03          |                 |
| 26-8-20                                            |       | 57398         | 25.56          | 8.37                | 20.08          | 100.31         |                 |
| 31-11-10                                           |       | 57399         | 29.69          | 10.99               | 11.55          | 99.62          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                                     | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 8-19-25                                                    |       | 57400         | 7.61           | 18.92               | 24.74          | 99.34          | *               |
| 22-8-16                                                    |       | 57401         | 21.66          | 8.18                | 17.36          | 101.87         | *               |
| Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY |       |               |                |                     |                |                |                 |
| 32-00-00 '32-0-0                                           |       | 57823         | 32.19          |                     |                | 100.59         |                 |
| 32-00-00                                                   |       | 57825         | 32.01          |                     |                | 100.34         |                 |
| 32-00-00 '32-0-0                                           |       | 57826         | 32.04          |                     |                | 100.12         |                 |
| 30-00-00                                                   |       | 57836         | 28.02          |                     |                | 93.4           | *               |
| 28-00-00 '28-0-0                                           |       | 57837         | 29.33          |                     |                | 104.75         |                 |
| 32-00-00                                                   |       | 57838         | 31.50          |                     |                | 100            | *               |
| 32-00-00 '32-0-0                                           |       | 57839         | 31.97          |                     |                | 99.91          |                 |
| 32-00-00 '32-0-0                                           |       | 57840         | 32.33          |                     |                | 101.03         |                 |
| 28-00-00 '28-0-0                                           |       | 57841         | 29.80          |                     |                | 106.43         |                 |
| 29-00-00                                                   |       | 57845         | 26.56          |                     |                | 91.46          | *               |
| 26-00-00                                                   |       | 57846         | 26.70          |                     |                | 104.62         | *               |
| 26-00-00                                                   |       | 57847         | 26.75          |                     |                | 104.57         | *               |
| 28-00-00 '27.9-0-0                                         |       | 57848         | 28.04          |                     |                | 100.5          |                 |
| Nutrien Ag Solutions - Morganfield Morganfield ,KY         |       |               |                |                     |                |                |                 |
| 6-20-30                                                    |       | 56735         | 6.01           | 20.65               | 30.83          | 102.61         | *               |
| 6-20-30                                                    |       | 56736         | 6.01           | 20.39               | 30.13          | 101.02         | *               |
| 6-20-30                                                    |       | 56737         | 5.91           | 20.18               | 30.94          | 101.59         | *               |
| 6-20-30                                                    |       | 56738         | 5.99           | 20.24               | 30.11          | 100.64         | *               |
| 15-43-00                                                   |       | 56739         | 14.20          | 43.97               |                | 100.15         | *               |
| 15-43-00                                                   |       | 56740         | 14.58          | 44.56               |                | 101.85         | *               |
| 5-14-42                                                    |       | 56741         | 5.68           | 14.57               | 41.55          | 101.35         |                 |
| 28-12-12                                                   |       | 56742         | 27.70          | 12.89               | 13.78          | 102.63         |                 |
| 28-12-12                                                   |       | 56743         | 28.52          | 12.52               | 12.42          | 101.73         |                 |
| 14-19-24                                                   |       | 56744         | 14.11          | 18.01               | 25.16          | 100.04         |                 |
| Nutrien Ag Solutions - Pembroke Pembroke ,KY               |       |               |                |                     |                |                |                 |
| 8-24-26                                                    |       | 55316         | 7.32           | 22.35               | 28.57          | 100.7          | *               |
| 8-24-26                                                    |       | 55317         | 7.48           | 23.87               | 26.75          | 101.3          | *               |
| 8-24-26                                                    |       | 55318         | 7.36           | 23.66               | 26.92          | 100.87         | *               |
| 4-9-48                                                     |       | 55319         | 3.71           | 9.22                | 49.05          | 101.9          |                 |
| 4-9-48                                                     |       | 55320         | 3.71           | 9.59                | 47.72          | 100.61         |                 |
| 4-9-48                                                     |       | 55321         | 3.74           | 9.42                | 48.79          | 101.97         |                 |
| 4-9-48                                                     |       | 55322         | 3.40           | 8.97                | 48.71          | 100.15         |                 |
| 32-10-10                                                   |       | 56112         | 31.92          | 10.42               | 11.16          | 101.51         |                 |
| 14-16-23                                                   |       | 56267         | 14.54          | 16.51               | 22.97          | 101.93         | *               |

Highlighted values are deficient.

\* Refer to Table 3



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                           | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 6-20-28                                          |       | 56268         | 6.18           | 20.36               | 28.66          | 100.42         | *               |
| 6-20-28                                          |       | 56269         | 6.16           | 20.59               | 29.27          | 101.79         | *               |
| Nutrien Ag Solutions - Riverport Owensboro ,KY   |       |               |                |                     |                |                |                 |
| 32-23-00                                         |       | 56902         | 31.16          | 22.83               |                | 98.15          |                 |
| 11-19-25                                         |       | 56903         | 10.46          | 18.46               | 26.57          | 99.27          | *               |
| 11-19-25                                         |       | 56904         | 10.89          | 18.44               | 25.51          | 98.68          | *               |
| 11-19-25                                         |       | 56905         | 10.55          | 19.14               | 25.64          | 99.46          | *               |
| 11-19-25                                         |       | 56906         | 10.67          | 18.69               | 25.64          | 98.61          | *               |
| 9-23-30                                          |       | 56907         | 8.98           | 22.7                | 30.33          | 99.85          |                 |
| 9-23-30                                          |       | 56908         | 8.79           | 22.36               | 30.3           | 98.84          |                 |
| 9-23-30                                          |       | 56909         | 8.71           | 22.45               | 30.74          | 99.42          |                 |
| 9-23-30                                          |       | 56910         | 8.87           | 23                  | 30.37          | 100.22         |                 |
| 4-13-40                                          |       | 56911         | 4.68           | 14.37               | 38.82          | 102            | *               |
| Nutrien Ag Solutions - Sacramento Sacramento ,KY |       |               |                |                     |                |                |                 |
| 9-23-30                                          |       | 57659         | 8.75           | 23.51               | 31.23          | 102.07         |                 |
| 9-23-30                                          |       | 57660         | 8.61           | 22.7                | 32.57          | 102.1          |                 |
| 9-23-30                                          |       | 57661         | 8.85           | 23.74               | 31.54          | 103.11         |                 |
| 6-15-40                                          |       | 57662         | 0.29           | 15.77               | 37.85          | 85.55          |                 |
| 6-15-40                                          |       | 57663         | 0.20           | 15.52               | 40.14          | 88.14          |                 |
| 9-23-30                                          |       | 57664         | 9.22           | 24.13               | 30.39          | 103.02         |                 |
| 29-5-15                                          |       | 57665         | 29.13          | 5.68                | 15.75          | 103.04         |                 |
| 00-23-30                                         |       | 57666         |                | 26.58               | 28.74          | 105.91         |                 |
| 00-23-30                                         |       | 57667         |                | 24.37               | 30.59          | 104.01         |                 |
| 12-31-20                                         |       | 57668         | 11.63          | 31.27               | 20.3           | 100.71         |                 |
| Nutrien Ag Solutions - Sedalia Sedalia ,KY       |       |               |                |                     |                |                |                 |
| 9-23-30                                          |       | 55384         | 9.25           | 24.53               | 30.64          | 104.09         |                 |
| 9-23-30                                          |       | 55385         | 9.50           | 24.06               | 29.17          | 101.8          |                 |
| 9-23-30                                          |       | 55386         | 10.01          | 25.54               | 26.78          | 102.25         |                 |
| 9-23-30                                          |       | 55387         | 9.30           | 23.49               | 29.52          | 100.85         |                 |
| 9-23-30                                          |       | 55388         | 9.00           | 22.81               | 30.15          | 99.87          |                 |
| 9-23-30                                          |       | 55389         | 8.29           | 23.7                | 29.63          | 99.24          |                 |
| 9-23-30                                          |       | 55390         | 8.73           | 22.9                | 30.13          | 99.43          |                 |
| 9-23-30                                          |       | 55391         | 8.93           | 23.25               | 30.33          | 100.74         |                 |
| 9-23-30                                          |       | 56186         | 8.50           | 23.53               | 31.14          | 101.49         |                 |
| 9-23-30                                          |       | 56187         | 8.53           | 22.52               | 32.66          | 101.74         |                 |
| 9-23-20                                          |       | 56188         | 9.21           | 24.19               | 20.57          | 103.07         | *               |
| 9-23-20                                          |       | 56189         | 9.13           | 24.05               | 20.39          | 102.32         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                             | Brand    | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------------|----------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| Nutrien Ag Solutions - Shelbyville Shelbyville ,KY |          |               |                |                     |                |                |                 |
| 17-7-18                                            |          | 56804         | 16.99          | 6.8                 | 18.51          | 101.84         |                 |
| 28-7-16                                            |          | 56805         | 27.72          | 6.93                | 16.76          | 100.98         |                 |
| 9-23-30                                            |          | 56991         | 9.36           | 23.5                | 29.3           | 100.7          |                 |
| 9-23-30                                            |          | 56992         | 9.20           | 23.73               | 29.56          | 101.14         |                 |
| 22-6-6                                             |          | 56993         | 22.32          | 6.38                | 6.45           | 100.73         | *               |
| 19-00-35                                           |          | 56994         | 19.23          |                     | 34.06          | 98.7           |                 |
| 17-21-21                                           |          | 56995         | 17.72          | 20.71               | 20.25          | 99.85          |                 |
| 32-9-9                                             |          | 56996         | 32.42          | 8.87                | 9.47           | 99.64          |                 |
| 5-12-44                                            |          | 57791         | 5.14           | 12.33               | 44.22          | 101.08         |                 |
| 4-10-27                                            |          | 57792         | 4.39           | 11.12               | 26.95          | 104.91         | *               |
| 18-13-17                                           |          | 57793         | 17.41          | 12.94               | 16.96          | 100.65         | *               |
| Nutrien Ag Solutions - Union City Union City ,TN   |          |               |                |                     |                |                |                 |
| 12-17-22                                           |          | 56830         | 11.91          | 18.14               | 22.32          | 102            | *               |
| 9-23-30                                            | '9-23-30 | 57188         | 5.70           | 24.94               | 31.27          | 98.23          |                 |
| 9-00-00                                            | '9-23-30 | 57233         | 5.78           | 25.97               | 31.26          | 558.9          |                 |
| 11-20-26                                           |          | 57596         | 10.54          | 23.21               | 22.18          | 101.76         | *               |
| Nutrien Ag Solutions - Upton Upton ,KY             |          |               |                |                     |                |                |                 |
| 00-8-20                                            |          | 55421         |                | 8.08                | 19.64          | 100.9          | *               |
| 00-7-20                                            |          | 55422         |                | 7.54                | 19.7           | 104.15         | *               |
| 00-7-20                                            |          | 55423         |                | 6.8                 | 21.23          | 106.15         | *               |
| 00-7-20                                            |          | 55424         |                | 7.72                | 19.93          | 105.79         | *               |
| 16-16-27                                           |          | 56546         | 15.68          | 16.22               | 27.91          | 101.94         |                 |
| 16-16-27                                           |          | 56547         | 15.71          | 17.84               | 27.39          | 104.35         |                 |
| 19-19-19                                           |          | 56548         | 18.85          | 19.1                | 19.58          | 102.05         |                 |
| 9-22-29                                            |          | 56549         | 8.74           | 22.73               | 30.19          | 102.55         | *               |
| 23-37-00                                           |          | 56550         | 22.82          | 38.29               |                | 100.82         |                 |
| 24-12-20                                           |          | 56551         | 23.46          | 12.24               | 20.37          | 101.23         |                 |
| 19-19-19                                           |          | 56552         | 19.34          | 20.31               | 20.1           | 102.68         |                 |
| 7-23-23                                            |          | 56564         | 6.98           | 24.48               | 23.53          | 102.72         | *               |
| 7-23-23                                            |          | 56565         | 6.72           | 24.17               | 24.61          | 103.12         | *               |
| 7-23-23                                            |          | 56566         | 6.62           | 24.09               | 24.86          | 103.11         | *               |
| Nutrien Ag Solutions - Waverly Waverly ,KY         |          |               |                |                     |                |                |                 |
| 4-15-22                                            |          | 55527         | 4.72           | 14.95               | 22.84          | 101.67         | *               |
| 4-15-22                                            |          | 55528         | 5.12           | 16.07               | 21.03          | 102.23         | *               |
| 4-15-22                                            |          | 55529         | 4.95           | 14.82               | 22.62          | 101.61         | *               |
| 4-15-22                                            |          | 55530         | 4.84           | 14.91               | 22.32          | 100.88         | *               |
| 4-15-22                                            |          | 55531         | 4.65           | 14.97               | 22.73          | 101.28         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                            | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|---------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 4-15-22                                           |       | 55532         | 4.48           | 15.07               | 22.64          | 100.82         | *               |
| 6-20-29                                           |       | 55533         | 5.73           | 20.03               | 29.6           | 100.09         | *               |
| 6-20-29                                           |       | 55534         | 6.00           | 20.61               | 29.5           | 101.76         | *               |
| 6-20-29                                           |       | 55535         | 6.01           | 20.25               | 30.06          | 101.93         | *               |
| 6-20-29                                           |       | 55536         | 5.73           | 19.63               | 30.39          | 100.51         | *               |
| 6-20-29                                           |       | 55537         | 5.28           | 17.50               | 32.16          | 97.87          | *               |
| Nutrien Ag Solutions Inc Henderson ,KY            |       |               |                |                     |                |                |                 |
| 32-00-00                                          |       | 57829         | 32.46          |                     |                | 102.08         | *               |
| 32-00-00 '32-0-0                                  |       | 57830         | 32.25          |                     |                | 100.78         |                 |
| 32-00-00 '32-0-0                                  |       | 57831         | 32.36          |                     |                | 101.12         |                 |
| 32-00-00 '32-0-0                                  |       | 57832         | 32.38          |                     |                | 101.19         |                 |
| 32-00-00 '32-0-0                                  |       | 57833         | 31.66          |                     |                | 98.94          |                 |
| 32-00-00                                          |       | 57834         | 31.87          |                     |                | 100.22         | *               |
| 32-00-00 '32-0-0                                  |       | 57835         | 31.67          |                     |                | 98.97          |                 |
| 31-00-00                                          |       | 57843         | 32.21          |                     |                | 102.29         | *               |
| 32-00-00 '32-0-0                                  |       | 57844         | 32.32          |                     |                | 101            |                 |
| Oregon Ag, LLC. Lititz ,PA                        |       |               |                |                     |                |                |                 |
| 10-10-10 'Super Start with Potash                 |       | 55948         | 8.54           | 6.07                | 8.73           | 77.16          | *               |
| Organic Laboratories Inc Fort Pierce ,FL          |       |               |                |                     |                |                |                 |
| 4-2-6 'Plant Doctor Tomato Maker                  |       | 55888         | 8.20           | 3.02                | 6.87           | 158.11         | *               |
| Otis Bryant & Son, Inc. Caneyville ,KY            |       |               |                |                     |                |                |                 |
| 19-19-19                                          |       | 56536         | 20.44          | 19.33               | 18.19          | 101.83         |                 |
| 19-19-20                                          |       | 56537         | 20.10          | 20.96               | 19.66          | 104.83         |                 |
| 19-19-20                                          |       | 56538         | 19.92          | 18.55               | 21.11          | 102.01         |                 |
| 19-19-20                                          |       | 56539         | 18.81          | 20.02               | 20.83          | 102.09         |                 |
| 20-00-27                                          |       | 56540         | 19.87          |                     | 28.13          | 102.23         | *               |
| 22-17-18                                          |       | 56541         | 18.25          | 14.32               | 26.54          | 98.98          |                 |
| 18-18-19                                          |       | 56542         | 19.34          | 19.05               | 19.94          | 104.64         | *               |
| 19-19-20                                          |       | 56543         | 20.72          | 21.78               | 18.05          | 105.42         |                 |
| 19-19-20                                          |       | 56544         | 19.84          | 20.89               | 20.42          | 105.2          |                 |
| 19-19-20                                          |       | 56545         | 19.59          | 19.88               | 20.67          | 103.19         |                 |
| Paducah-McCracken Riverport Authority Paducah ,KY |       |               |                |                     |                |                |                 |
| 23-17-17                                          |       | 57275         | 23.50          | 17.93               | 16.53          | 103.04         |                 |
| 23-17-17                                          |       | 57276         | 22.68          | 16.07               | 18.46          | 100.55         |                 |
| 14-6-38                                           |       | 57277         | 14.51          | 6.8                 | 36.90          | 102.99         |                 |
| 14-6-38                                           |       | 57278         | 13.98          | 5.85                | 38.28          | 101.91         |                 |
| 9-23-30                                           |       | 57530         | 9.05           | 23.5                | 30.88          | 102.19         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                                     |  | Brand                                  | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------------------------|--|----------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 9-23-30                                                    |  |                                        | 57531         | 8.70           | 22.85               | 31.67          | 101.36         |                 |
| 10-26-26                                                   |  |                                        | 57539         | 10.06          | 26.37               | 26.35          | 100.55         |                 |
| 10-26-26                                                   |  |                                        | 57540         | 10.00          | 26.89               | 27.13          | 102.36         |                 |
| 9-23-30                                                    |  |                                        | 57657         | 8.94           | 23.8                | 28.26          | 99.01          |                 |
| 9-23-30                                                    |  |                                        | 57658         | 8.60           | 22.97               | 31.46          | 101.09         |                 |
| Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL |  |                                        |               |                |                     |                |                |                 |
| 2-4-3                                                      |  | 'HG 2-4-3                              | 55333         | 2.63           | 4.08                | 3.15           | 110.91         | *               |
| 2-4-3                                                      |  | 'Coop Poop All Purpose Garden Food     | 57639         | 3.37           | 4.4                 | 4              | 131.41         | *               |
| 1-00-00                                                    |  | 'Dave Thompson s Organic Worm Castings | 57828         | 0.80           |                     |                | 80             | *               |
| Pinnacle Ag - Franklin Franklin ,KY                        |  |                                        |               |                |                     |                |                |                 |
| 9-23-23                                                    |  |                                        | 55400         | 9.45           | 23.61               | 23.54          | 102.53         | *               |
| 9-23-23                                                    |  |                                        | 55401         | 9.01           | 23.15               | 23.29          | 100.25         | *               |
| 00-26-26                                                   |  |                                        | 55493         |                | 27.31               | 26.46          | 103.47         |                 |
| 00-26-26                                                   |  |                                        | 55494         |                | 26.52               | 28.15          | 104.57         |                 |
| 6-16-14                                                    |  |                                        | 55495         | 7.08           | 16.95               | 15.22          | 107.03         |                 |
| 6-16-14                                                    |  |                                        | 55496         | 7.02           | 17.99               | 14.85          | 109.01         |                 |
| 19-31-00                                                   |  |                                        | 56317         | 18.91          | 28.17               |                | 94.96          | *               |
| 19-31-00                                                   |  |                                        | 56318         | 18.83          | 29.8                |                | 97.95          | *               |
| 21-20-17                                                   |  |                                        | 56437         | 21.88          | 20.58               | 16.14          | 102.28         |                 |
| 21-20-17                                                   |  |                                        | 56438         | 21.32          | 19.66               | 17.81          | 101.71         |                 |
| Pinnacle Ag - Fancy Farm Fancy Farm ,KY                    |  |                                        |               |                |                     |                |                |                 |
| 6-16-21                                                    |  |                                        | 55550         | 6.19           | 15.88               | 20.26          | 99.15          |                 |
| 6-16-21                                                    |  |                                        | 55551         | 6.71           | 16.19               | 21.27          | 103.51         |                 |
| 6-16-21                                                    |  |                                        | 55552         | 6.45           | 16.45               | 21.09          | 103.02         |                 |
| 6-16-21                                                    |  |                                        | 55553         | 6.00           | 16.38               | 21.18          | 101.65         |                 |
| 7-00-39                                                    |  |                                        | 56399         | 6.96           |                     | 41.71          | 104.25         | *               |
| 7-17-22                                                    |  |                                        | 56607         | 6.54           | 16.58               | 22.91          | 98.54          | *               |
| 7-17-22                                                    |  |                                        | 56608         | 6.48           | 16.57               | 24.42          | 101.05         | *               |
| 26-4-16                                                    |  |                                        | 57006         | 25.45          | 4.63                | 17.24          | 100.34         | *               |
| 24-7-17                                                    |  |                                        | 57655         | 22.48          | 7.22                | 20.07          | 103.73         | *               |
| 24-7-17                                                    |  |                                        | 57656         | 24.01          | 7.65                | 18.03          | 105.1          | *               |
| Pinnacle Ag - Glasgow Glasgow ,KY                          |  |                                        |               |                |                     |                |                |                 |
| 18-18-18                                                   |  |                                        | 56094         | 18.23          | 19.09               | 18.29          | 103.22         | *               |
| 16-11-15                                                   |  |                                        | 56095         | 16.26          | 12.1                | 15.74          | 103.61         |                 |
| 16-11-15                                                   |  |                                        | 56096         | 16.52          | 12.01               | 15.85          | 104.3          |                 |
| 16-11-15                                                   |  |                                        | 56097         | 16.36          | 12.43               | 16.44          | 106.02         |                 |
| 16-11-15                                                   |  |                                        | 56098         | 16.54          | 11.77               | 17.43          | 106.64         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                      | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|---------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 28-12-15                                    |       | 56252         | 27.19          | 11.5                | 16.8           | 101.86         |                 |
| 16-11-15                                    |       | 56253         | 16.83          | 11.91               | 16.16          | 105.47         |                 |
| 16-11-15                                    |       | 56254         | 16.72          | 12.69               | 15.35          | 105.63         |                 |
| 16-11-15                                    |       | 56255         | 17.13          | 11.88               | 15.86          | 105.66         |                 |
| 16-11-15                                    |       | 56256         | 15.94          | 11.79               | 16.53          | 103.4          |                 |
| Pinnacle Ag - Hartford Hartford ,KY         |       |               |                |                     |                |                |                 |
| 9-23-30                                     |       | 56503         | 8.71           | 23.43               | 31.6           | 102.34         |                 |
| 9-23-30                                     |       | 56504         | 8.49           | 23.32               | 33.36          | 104.05         |                 |
| 9-23-30                                     |       | 56505         | 8.80           | 22.67               | 32.87          | 102.83         |                 |
| 9-23-30                                     |       | 56506         | 9.01           | 23.34               | 31.87          | 103.14         |                 |
| 43-00-00                                    |       | 57709         | 43.24          |                     |                | 100.32         | *               |
| 43-00-00                                    |       | 57710         | 43.18          |                     |                | 100.19         | *               |
| 43-00-00                                    |       | 57711         | 42.57          |                     |                | 98.77          | *               |
| 25-15-14                                    |       | 57779         | 23.82          | 16.65               | 14.17          | 103.07         |                 |
| 12-31-17                                    |       | 57780         | 12.38          | 31.38               | 17.28          | 102.81         |                 |
| 26-18-10                                    |       | 57781         | 25.75          | 18.13               | 10.94          | 101.06         |                 |
| Pinnacle Ag - Russellville Russellville ,KY |       |               |                |                     |                |                |                 |
| 8-24-25                                     |       | 55394         | 7.95           | 24.22               | 25.59          | 101.5          | *               |
| 8-24-25                                     |       | 55395         | 8.23           | 24.63               | 25.49          | 102.77         | *               |
| 8-24-25                                     |       | 55396         | 7.96           | 23.39               | 25.9           | 100.39         | *               |
| 2-22-22                                     |       | 55397         | 1.72           | 21.68               | 24.35          | 102.8          | *               |
| 9-23-23                                     |       | 55398         | 8.96           | 22.87               | 24.62          | 101.57         | *               |
| 9-23-23                                     |       | 55399         | 8.55           | 22.33               | 25.57          | 100.99         | *               |
| 9-24-24                                     |       | 55497         | 9.32           | 24.63               | 24.72          | 101.93         | *               |
| 16-18-16                                    |       | 55869         | 15.62          | 18.34               | 16.9           | 102.33         | *               |
| 16-18-16                                    |       | 55870         | 15.71          | 18.88               | 17             | 103.85         | *               |
| 16-18-16                                    |       | 55871         | 15.38          | 19.01               | 15.98          | 101.76         | *               |
| Pinnacle Agriculture Memphis ,TN            |       |               |                |                     |                |                |                 |
| 18-46-00 'DAP                               |       | 55171         | 17.67          | 45.96               |                | 99.36          |                 |
| 00-00-60 'MP                                |       | 55172         |                |                     | 59.92          | 99.87          |                 |
| 18-46-00 'DAP                               |       | 55173         | 17.89          | 45.93               |                | 99.7           |                 |
| 00-00-60 'MP                                |       | 55174         |                |                     | 60.37          | 100.62         |                 |
| 00-46-00 'TSP                               |       | 55203         |                | 45.73               |                | 99.41          |                 |
| 00-00-60 'MOP                               |       | 55204         |                |                     | 60.11          | 100.18         |                 |
| 18-46-00 'DAP                               |       | 55205         | 18.08          | 45.17               |                | 98.91          |                 |
| 18-46-00 'DAP                               |       | 55206         | 18.07          | 45.50               |                | 99.38          |                 |
| 18-46-00 'DAP                               |       | 55222         | 18.08          | 46.27               |                | 100.54         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                             | Brand  | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------------|--------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60                                           | 'MP    | 55223         |                |                     | 60.60          | 101            |                 |
| 00-00-60                                           | 'MP    | 55224         |                |                     | 59.17          | 98.62          |                 |
| 00-46-00                                           | 'TSP   | 55225         |                | 45.16               |                | 98.17          |                 |
| 00-00-60                                           | 'MOP   | 55226         |                |                     | 60.23          | 100.38         |                 |
| 00-00-60                                           | 'MOP   | 55227         |                |                     | 60.53          | 100.88         |                 |
| 18-46-00                                           | 'DAP   | 55228         | 18.07          | 45.71               |                | 99.69          |                 |
| 18-46-00                                           | 'DAP   | 55229         | 17.84          | 46.02               |                | 99.75          |                 |
| 18-46-00                                           | 'DAP   | 55230         | 17.98          | 45.18               |                | 98.75          |                 |
| 00-46-00                                           | 'TSP   | 55231         |                | 46.42               |                | 100.91         |                 |
| Pinnacle Agriculture Distribution Inc Loveland ,CO |        |               |                |                     |                |                |                 |
| 00-00-60                                           | 'MOP   | 55637         |                |                     | 60.42          | 100.7          |                 |
| 46-00-00                                           | 'Urea  | 55638         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00                                           | 'DAP   | 55639         | 18.71          | 45.71               |                | 100.74         |                 |
| 21-00-00                                           | 'AMS   | 55647         | 21.35          |                     |                | 101.67         | *               |
| 00-00-60                                           | 'MOP   | 55648         |                |                     | 61.30          | 102.17         |                 |
| 00-00-60                                           | 'MOP   | 55649         |                |                     | 61.53          | 102.55         |                 |
| 18-46-00                                           | 'DAP   | 55650         | 17.78          | 45.32               |                | 98.6           |                 |
| 18-46-00                                           | 'DAP   | 55651         | 17.58          | 45.62               |                | 98.72          |                 |
| 46-00-00                                           | 'Urea  | 55652         | 46.12          |                     |                | 100.26         |                 |
| 46-00-00                                           | 'Urea  | 55653         | 45.83          |                     |                | 99.63          |                 |
| 21-00-00                                           | 'AS    | 55862         | 20.47          |                     |                | 97.48          | *               |
| 18-46-00                                           | 'DAP   | 55863         | 17.43          | 45.53               |                | 98.33          |                 |
| 18-46-00                                           | 'DAP   | 55864         | 17.83          | 46.93               |                | 101.13         |                 |
| 00-00-60                                           | 'MP    | 55865         |                |                     | 59.77          | 99.62          |                 |
| 00-00-60                                           | 'MP    | 55866         |                |                     | 60.64          | 101.07         |                 |
| 46-00-00                                           | 'Urea  | 55867         | 46.09          |                     |                | 100.2          |                 |
| 00-00-22                                           | 'K-Mag | 55868         |                |                     | 23.53          | 109.44         | *               |
| 21-00-00                                           | 'AS    | 56495         | 20.93          |                     |                | 99.67          | *               |
| 46-00-00                                           | 'Urea  | 56496         | 46.03          |                     |                | 100.07         |                 |
| 00-00-50                                           | 'SP    | 56497         |                |                     | 49.2           | 98.4           |                 |
| 18-46-00                                           | 'DAP   | 56498         | 17.43          | 45.67               |                | 98.55          |                 |
| 00-00-60                                           | 'MP    | 56499         |                |                     | 60.73          | 101.22         |                 |
| 00-00-60                                           | 'MP    | 56500         |                |                     | 62.47          | 104.12         |                 |
| 00-46-00                                           | 'TSP   | 56501         |                | 46.49               |                | 101.07         |                 |
| 21-00-00                                           | 'AS    | 56601         | 21.03          |                     |                | 100.14         | *               |
| 18-46-00                                           | 'DAP   | 56602         | 17.73          | 46.57               |                | 100.42         |                 |
| 18-46-00                                           | 'DAP   | 56603         | 17.82          | 45.16               |                | 98.42          |                 |

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TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                         | Brand                            | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------------|----------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60                                       | 'MP                              | 56604         |                |                     | 60.27          | 100.45         |                 |
| 00-00-60                                       | 'MP                              | 56605         |                |                     | 60.14          | 100.23         |                 |
| 46-00-00                                       | 'Urea                            | 56606         | 46.11          |                     |                | 100.24         |                 |
| Plantation Products, Inc. Norton ,MA           |                                  |               |                |                     |                |                |                 |
| 4-4-4                                          | 'Superthrive All-Purpose Organic | 55854         | 5.74           | 4.78                | 5.42           | 132.95         | *               |
| 4-4-4                                          | 'Superthrive                     | 56168         | 4.065          | 2.725               | 3.30           | 84.84          | *               |
| Pleasant View Agri-Service Auburn ,KY          |                                  |               |                |                     |                |                |                 |
| 26-21-00                                       |                                  | 56879         | 26.78          | 20.65               |                | 100.2          |                 |
| 18-18-18                                       |                                  | 56880         | 18.15          | 18.82               | 17.11          | 102.42         |                 |
| 18-17-17                                       |                                  | 56881         | 18.52          | 19.73               | 15.46          | 103.61         |                 |
| 18-18-18                                       |                                  | 56882         | 18.72          | 17.88               | 16.94          | 101.47         |                 |
| 18-18-18                                       |                                  | 56883         | 17.87          | 18.05               | 18.56          | 102.47         |                 |
| 18-18-18                                       |                                  | 56884         | 18.05          | 17.79               | 17.68          | 100.97         |                 |
| Pro Ag Sales & Service - Danville Danville ,KY |                                  |               |                |                     |                |                |                 |
| 19-19-19                                       | '19-19-19                        | 56368         | 19.03          | 22.11               | 18.68          | 105.41         |                 |
| 46-00-00                                       | 'Urea                            | 56796         | 46.20          |                     |                | 100.43         |                 |
| 6-12-12                                        | '6-12-12                         | 56797         | 6.10           | 12.04               | 11.36          | 98.83          |                 |
| 19-19-19                                       | '19-19-19                        | 56798         | 17.68          | 19.06               | 19.15          | 97.62          |                 |
| 46-00-00                                       | 'Urea                            | 56823         | 46.02          |                     |                | 100.04         |                 |
| 18-46-00                                       | 'DAP                             | 56824         | 17.54          | 45.78               |                | 98.9           |                 |
| 00-00-60                                       | 'MOP                             | 56825         |                |                     | 59.35          | 98.92          |                 |
| 21-00-00                                       | 'AS                              | 56826         | 20.92          |                     |                | 99.62          | *               |
| 19-19-19                                       | 'Pro Ag                          | 56827         | 19.53          | 18.56               | 19.37          | 100.77         |                 |
| 39-00-00                                       |                                  | 57271         | 39.22          |                     |                | 99.59          | *               |
| 13-13-13                                       |                                  | 57272         | 14.00          | 14.38               | 12.94          | 106.57         | *               |
| 13-13-13                                       |                                  | 57273         | 13.85          | 14.61               | 13.25          | 107.37         | *               |
| 32-8-11                                        |                                  | 57466         | 32.13          | 8.3                 | 10.28          | 99.92          |                 |
| 23-00-30                                       |                                  | 57467         | 22.83          |                     | 30.96          | 101.09         |                 |
| 6-7-29                                         |                                  | 57468         | 7.39           | 8.3                 | 29.31          | 106.25         | *               |
| 35-00-14                                       |                                  | 57469         | 34.23          |                     | 16.4           | 103.21         |                 |
| 16-3-6                                         |                                  | 57470         | 16.69          | 3.91                | 7.96           | 112.33         | *               |
| 16-3-6                                         |                                  | 57471         | 16.41          | 3.38                | 7.59           | 107.89         | *               |
| 30-12-10                                       |                                  | 57472         | 30.13          | 11.73               | 11.12          | 100.48         |                 |
| 10-10-10                                       | 'Pro Ag                          | 57485         | 11.20          | 11.94               | 13.2           | 119.79         |                 |
| 10-20-20                                       | 'Pro Ag                          | 57486         | 10.23          | 21.1                | 19.86          | 102.74         |                 |
| 15-15-15                                       | 'Pro Ag                          | 57487         | 15.58          | 17.51               | 16.34          | 109.72         |                 |
| 19-19-19                                       | 'Pro Ag                          | 57488         | 18.39          | 18.77               | 20.45          | 100.3          |                 |

Highlighted values are deficient.

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TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                      | Brand    | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|---------------------------------------------|----------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 10-10-10                                    | 'Pro Ag  | 57726         | 8.39           | 9.23                | 9.74           | 90.36          |                 |
| 19-19-19                                    | 'Pro Ag  | 57727         | 17.12          | 17.76               | 21.76          | 97.62          |                 |
| Pro Solutions - Crofton Crofton ,KY         |          |               |                |                     |                |                |                 |
| 6-17-19                                     |          | 55415         | 6.16           | 17.33               | 19.43          | 104.58         | *               |
| 6-17-19                                     |          | 55416         | 6.24           | 17.2                | 19.69          | 105.01         | *               |
| 7-22-29                                     |          | 55417         | 7.20           | 22.8                | 28.74          | 102.04         | *               |
| 7-22-29                                     |          | 55418         | 6.95           | 22.39               | 29.24          | 101.42         | *               |
| 9-24-26                                     |          | 55419         | 8.18           | 25.08               | 26.37          | 101.09         | *               |
| 10-25-27                                    |          | 56262         | 10.20          | 25.62               | 26.99          | 101.06         |                 |
| 10-25-27                                    |          | 56263         | 9.26           | 23.95               | 29.46          | 99.47          |                 |
| 10-26-26                                    |          | 56520         | 10.65          | 25.89               | 26.11          | 100.71         |                 |
| 10-26-26                                    |          | 56521         | 10.56          | 28.04               | 26.55          | 104.93         |                 |
| 23-17-17                                    |          | 56522         | 23.07          | 17.76               | 23.5           | 111.21         |                 |
| Pro Solutions - Springfield Springfield ,TN |          |               |                |                     |                |                |                 |
| 18-46-00                                    | 'DAP     | 55253         | 17.92          | 45.58               |                | 99.24          |                 |
| 18-46-00                                    | 'DAP     | 55254         | 17.76          | 47.77               |                | 102.2          |                 |
| 12-40-00                                    | 'MES Z   | 55255         | 10.80          | 38.72               |                | 95             | *               |
| 00-00-60                                    | 'MP      | 55256         |                |                     | 58.82          | 98.03          |                 |
| 12-40-00                                    | 'MES 10  | 55257         | 12.27          | 40.68               |                | 101.85         | *               |
| 00-00-60                                    | 'MP      | 55258         |                |                     | 59.25          | 98.75          |                 |
| 18-46-00                                    | 'DAP     | 55666         | 17.70          | 45.71               |                | 99.06          |                 |
| 18-46-00                                    | 'DAP     | 55667         | 17.74          | 46.03               |                | 99.61          |                 |
| 46-00-00                                    | 'Urea    | 55668         | 46.01          |                     |                | 100.02         |                 |
| 10-38-00                                    | 'MES Z   | 55669         | 10.27          | 40.38               |                | 105.46         | *               |
| 46-00-00                                    | 'Urea    | 55670         | 46.04          |                     |                | 100.09         |                 |
| 12-40-00                                    | 'MES 10  | 55671         | 11.93          | 40.10               |                | 100.04         | *               |
| 00-00-60                                    | 'MOP     | 55672         |                |                     | 60.64          | 101.07         |                 |
| 32-00-00                                    | '32% UAN | 56519         | 31.98          |                     |                | 99.94          |                 |
| 11-16-23                                    |          | 56553         | 10.80          | 16.73               | 25.69          | 105.37         | *               |
| 11-16-23                                    |          | 56828         | 10.90          | 15.96               | 23.47          | 100.26         | *               |
| 13-18-21                                    |          | 56829         | 12.22          | 17.52               | 20.2           | 98.04          | *               |
| 12-16-22                                    |          | 57239         | 11.77          | 15.62               | 22.13          | 100.79         | *               |
| 12-16-22                                    |          | 57240         | 11.52          | 14.86               | 21.64          | 97.65          | *               |
| Reliance Ag - Russellville Russellville ,KY |          |               |                |                     |                |                |                 |
| 9-24-24                                     |          | 55447         | 8.99           | 23.5                | 25.25          | 100.57         | *               |
| 9-24-24                                     |          | 55448         | 9.57           | 24.4                | 24.07          | 101.86         | *               |
| 9-24-24                                     |          | 55449         | 8.73           | 23.04               | 25.01          | 98.78          | *               |

Highlighted values are deficient.

\* Refer to Table 3



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| Manufacturer and Grade                        | Brand              | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------|--------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 9-24-24                                       |                    | 55450         | 9.46           | 24.87               | 23.17          | 101.2          | *               |
| 9-24-24                                       |                    | 55451         | 9.18           | 23.84               | 25.02          | 101.31         | *               |
| 9-24-24                                       |                    | 55452         | 8.73           | 24.16               | 25.15          | 101.09         | *               |
| 10-26-20                                      |                    | 55498         | 10.19          | 27.35               | 20.84          | 102.52         | *               |
| 9-24-28                                       |                    | 56078         | 9.61           | 23.45               | 29.93          | 100.9          |                 |
| 24-14-18                                      |                    | 56079         | 22.62          | 14.61               | 19.66          | 101.38         |                 |
| 10-26-27                                      |                    | 56080         | 10.57          | 26.15               | 25.75          | 100.98         |                 |
| 10-26-27                                      |                    | 56081         | 9.94           | 25.77               | 26.44          | 99.97          |                 |
| Reliance Ag - Trenton Trenton ,KY             |                    |               |                |                     |                |                |                 |
| 5-24-32                                       |                    | 55425         | 5.08           | 24.98               | 31.63          | 100.64         |                 |
| 5-24-32                                       |                    | 55426         | 5.22           | 25.40               | 31.42          | 101.4          |                 |
| 6-29-26                                       |                    | 55427         | 6.07           | 29.57               | 26.77          | 100.96         |                 |
| 5-26-30                                       |                    | 55428         | 5.58           | 26.26               | 29.92          | 101.37         |                 |
| 5-26-30                                       |                    | 55429         | 5.20           | 25.43               | 30.32          | 99.6           |                 |
| 5-26-30                                       |                    | 55430         | 5.44           | 25.4                | 29.72          | 99.23          |                 |
| 5-26-30                                       |                    | 55431         | 5.49           | 27.12               | 28.54          | 100.81         |                 |
| 5-26-30                                       |                    | 55432         | 5.53           | 25.69               | 30.16          | 100.56         | *               |
| 5-26-30                                       |                    | 55433         | 5.50           | 26.67               | 30.4           | 102.61         | *               |
| 6-28-28                                       |                    | 55466         | 6.30           | 27.53               | 27.78          | 100.22         |                 |
| Rhodes Farm Supply Scottsville ,KY            |                    |               |                |                     |                |                |                 |
| 19-19-19                                      | '19-19-19          | 55657         | 19.33          | 20.07               | 19.73          | 103.66         |                 |
| Rip's Farm Center - Tollesboro Tollesboro ,KY |                    |               |                |                     |                |                |                 |
| 12-12-12                                      | 'Rip s 12-12-12    | 55189         | 12.30          | 15.41               | 10.65          | 107.68         |                 |
| 46-00-00                                      | 'Urea              | 56703         | 46.08          |                     |                | 100.17         |                 |
| 18-46-00                                      | 'DAP               | 56704         | 17.38          | 44.91               |                | 97.31          |                 |
| 00-00-60                                      | 'MP                | 56705         |                |                     | 59.32          | 98.87          |                 |
| 19-19-19                                      | 'Rip s Farm Center | 56706         | 19.07          | 20.09               | 20.05          | 103.6          |                 |
| 19-19-19                                      | 'Rip s Farm Center | 56707         | 18.15          | 22.24               | 19.22          | 104.59         |                 |
| 12-12-12                                      | 'Rip s Farm Center | 56708         | 11.55          | 13.47               | 12.14          | 103.18         |                 |
| 10-10-10                                      | 'Rip s Farm Center | 56709         | 9.32           | 11.64               | 9.26           | 101.24         |                 |
| 19-19-19                                      | 'Rip s Farm Center | 56710         | 19.21          | 20.37               | 18.76          | 102.65         |                 |
| 10-20-20                                      | 'Rip s Farm Center | 56711         | 10.52          | 22.08               | 20.28          | 106.26         |                 |
| 10-20-20                                      | 'Rip s Farm Center | 56712         | 10.80          | 22.25               | 19.65          | 106.29         |                 |
| 18-46-00                                      | 'DAP               | 56713         | 17.51          | 46.16               |                | 99.43          |                 |
| 00-00-60                                      | 'MP                | 56714         |                |                     | 60.32          | 100.53         |                 |
| 19-19-19                                      | 'Rip s Farm Center | 57128         | 18.02          | 19.33               | 19.99          | 99.96          |                 |
| 19-19-19                                      | 'Rip s Farm Center | 57241         | 18.80          | 18.73               | 19.46          | 99.72          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                       | Brand              | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------|--------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 10-10-10                                     | 'Rips Farm Center  | 57246         | 9.16           | 11.84               | 9.98           | 103.19         |                 |
| 10-20-20                                     | 'Rips Farm Center  | 57247         | 10.26          | 19.86               | 21.21          | 102.26         |                 |
| 12-12-12                                     | 'Rip s Farm Center | 57480         | 12.23          | 14.73               | 13.92          | 112.92         |                 |
| 19-19-19                                     | 'Rip s Farm Center | 57481         | 19.40          | 18.53               | 17.30          | 97.63          |                 |
| 18-46-00                                     | 'DAP               | 57716         | 17.92          | 45.62               |                | 99.29          |                 |
| 00-00-60                                     | 'MP                | 57717         |                |                     | 61.51          | 102.52         |                 |
| 12-12-12                                     | 'Rip s Farm Center | 57718         | 12.22          | 12.94               | 12.66          | 104.9          |                 |
| 10-10-10                                     | 'Rip s Farm Center | 57719         | 10.45          | 10                  | 10.12          | 102.06         |                 |
| 19-19-19                                     | 'Rip s Farm Center | 57720         | 18.52          | 20.74               | 18.68          | 101.82         |                 |
| 9-23-30                                      |                    | 57721         | 9.19           | 23.3                | 29.4           | 100.13         |                 |
| Rip's Farm Center - Wrigley West Liberty ,KY |                    |               |                |                     |                |                |                 |
| 19-19-19                                     |                    | 57129         | 19.18          | 21                  | 19.05          | 102.18         |                 |
| 19-19-19                                     |                    | 57130         | 19.62          | 16.92               | 20.01          | 96.9           |                 |
| 19-19-19                                     |                    | 57131         | 18.95          | 19.68               | 20.39          | 101.1          |                 |
| 16-5-5                                       |                    | 57132         | 15.62          | 5.38                | 5.1            | 102.78         |                 |
| 18-46-00                                     | 'DAP               | 57133         | 17.74          | 45.32               |                | 98.53          |                 |
| 00-00-60                                     | 'MP                | 57134         |                |                     | 61.14          | 101.9          |                 |
| 23-00-00                                     |                    | 57242         | 23.46          |                     |                | 102            |                 |
| 23-00-00                                     |                    | 57243         | 22.67          |                     |                | 98.57          |                 |
| Rogers Fertilizer & Services LLC Lebanon ,KY |                    |               |                |                     |                |                |                 |
| 21-00-00                                     | 'AS                | 55832         | 20.79          |                     |                | 99             | *               |
| 00-00-60                                     | 'MOP               | 55833         |                |                     | 60.32          | 100.53         |                 |
| 46-00-00                                     | 'UREA              | 55834         | 46.13          |                     |                | 100.28         |                 |
| 18-46-00                                     | 'DAP               | 55835         | 18.01          | 46.04               |                | 100.08         |                 |
| 41-00-00                                     |                    | 57090         | 40.76          |                     |                | 100.25         | *               |
| 41-00-00                                     |                    | 57091         | 39.94          |                     |                | 98.23          | *               |
| 41-00-00                                     |                    | 57092         | 40.05          |                     |                | 98.5           | *               |
| 31-00-00                                     |                    | 57093         | 31.79          |                     |                | 103.65         |                 |
| 00-00-60                                     | 'MOP               | 57094         |                |                     | 60.44          | 100.73         |                 |
| 21-15-20                                     |                    | 57095         | 20.98          | 15.35               | 21.19          | 101.06         |                 |
| 27-8-10                                      |                    | 57402         | 26.86          | 8.12                | 10.9           | 100.95         | *               |
| 2-00-20                                      |                    | 57403         | 2.09           |                     | 21.44          | 109.73         | *               |
| 13-19-19                                     |                    | 57404         | 12.62          | 19.57               | 19.81          | 100.16         | *               |
| 22-10-19                                     |                    | 57464         | 22.02          | 10.13               | 18.84          | 100.84         | *               |
| 16-12-8                                      |                    | 57465         | 16.33          | 11.86               | 7.75           | 101.92         |                 |
| Rootblast International INC Canton ,OH       |                    |               |                |                     |                |                |                 |
| 2-1-2                                        | 'Root Blast        | 55902         | 1.98           | 1.82                | 1.97           | 116.65         | *               |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                                 | Brand                                | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------------------|--------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| Scotts Miracle-Gro Products Inc Marysville ,OH         |                                      |               |                |                     |                |                |                 |
| 24-8-16                                                | 'Miracle Gro All Purpose             | 56435         | 25.03          | 8.6                 | 16.37          | 104.35         | *               |
| 24-8-16                                                | 'Miracle Gro All Purpose Plant Food  | 57327         | 23.84          | 9.37                | 18.7           | 106.89         | *               |
| 12-4-8                                                 | 'Miracle Grow All Purpose Plant Food | 57802         | 12.19          | 4.24                | 7.99           | 101.92         | *               |
| Security Seed & Chemical - Clarksville Clarksville ,TN |                                      |               |                |                     |                |                |                 |
| 6-15-40                                                |                                      | 55381         | 6.24           | 15.93               | 40.92          | 102.99         |                 |
| 9-23-30                                                | '9-23-30                             | 55382         | 9.53           | 25.56               | 29.83          | 105.39         |                 |
| 9-23-30                                                | '9-23-30                             | 55383         | 9.86           | 25.82               | 29.56          | 106.18         |                 |
| Seventy Feeds LLC Eubank ,KY                           |                                      |               |                |                     |                |                |                 |
| 9-23-30                                                |                                      | 56129         | 9.08           | 24.21               | 29.28          | 101.4          |                 |
| 19-19-19                                               |                                      | 56939         | 19.56          | 18.87               | 20.22          | 100.7          |                 |
| 19-19-19                                               |                                      | 56940         | 18.75          | 18.98               | 20.57          | 99.72          |                 |
| 28-00-24                                               |                                      | 56941         | 27.92          |                     | 24.02          | 100.76         |                 |
| 19-19-19                                               |                                      | 56942         | 19.65          | 20.7                | 19.84          | 103.58         |                 |
| 23-00-30                                               |                                      | 56943         | 22.74          |                     | 29.99          | 99.72          |                 |
| South Central Farm Supply Gamaliel ,KY                 |                                      |               |                |                     |                |                |                 |
| 20-19-19                                               |                                      | 56203         | 18.39          | 19.03               | 21.78          | 100.51         |                 |
| 31-00-20                                               |                                      | 56204         | 29.87          |                     | 21.89          | 101.05         |                 |
| 31-00-20                                               |                                      | 56205         | 30.16          |                     | 21.4           | 100.96         |                 |
| 20-19-19                                               |                                      | 56209         | 18.69          | 21.1                | 20.78          | 103.75         |                 |
| 22-8-25                                                |                                      | 56210         | 21.79          | 7.76                | 26.45          | 101.46         |                 |
| 28-12-15                                               |                                      | 56211         | 27.04          | 11.92               | 15.98          | 101.2          |                 |
| 27-11-15                                               |                                      | 56212         | 27.40          | 12.44               | 15.33          | 103.31         |                 |
| 20-19-19                                               |                                      | 56213         | 19.40          | 20.82               | 19.34          | 102.73         |                 |
| 20-19-19                                               |                                      | 56214         | 20.39          | 20.64               | 18.28          | 102.97         |                 |
| 20-19-19                                               |                                      | 56215         | 20.17          | 20.14               | 18.4           | 101.58         |                 |
| Southern FS Inc - Hickman Hickman ,KY                  |                                      |               |                |                     |                |                |                 |
| 19-29-00                                               |                                      | 55513         | 19.59          | 31.06               |                | 104.56         | *               |
| 19-29-00                                               |                                      | 55514         | 18.83          | 29.41               |                | 99.65          | *               |
| 19-29-00                                               |                                      | 55515         | 19.58          | 29.84               |                | 102.2          | *               |
| 16-12-22                                               |                                      | 56356         | 16.37          | 13.17               | 23.3           | 104.38         | *               |
| 11-18-24                                               |                                      | 56357         | 11.08          | 18.94               | 25.96          | 103.35         | *               |
| 11-18-24                                               |                                      | 56358         | 11.38          | 19.39               | 25.9           | 104.87         | *               |
| 11-18-24                                               |                                      | 56359         | 11.23          | 18.58               | 25.92          | 102.89         | *               |
| 11-18-24                                               |                                      | 56360         | 11.79          | 19.45               | 24.24          | 103.41         | *               |
| 12-18-23                                               |                                      | 57185         | 11.04          | 18.01               | 24.47          | 100.23         | *               |
| 12-18-23                                               |                                      | 57186         | 10.79          | 17.05               | 25.04          | 98.52          | *               |
| 12-18-23                                               |                                      | 57187         | 11.64          | 17.07               | 25.05          | 100.53         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                            | Brand   | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|---------------------------------------------------|---------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| Southern FS, INC Marion ,IL                       |         |               |                |                     |                |                |                 |
| 00-00-60                                          | 'MP     | 55508         |                |                     | 61.43          | 102.38         |                 |
| 18-46-00                                          | 'DAP    | 55509         | 17.77          | 46.63               |                | 100.53         |                 |
| 00-00-60                                          | 'MP     | 55510         |                |                     | 59.64          | 99.4           |                 |
| 21-00-00                                          | 'AS     | 55511         | 21.21          |                     |                | 101            | *               |
| 12-40-00                                          | 'MES 10 | 55512         | 11.11          | 40.16               |                | 98.34          | *               |
| 00-00-60                                          | 'MP     | 56350         |                |                     | 59.27          | 98.78          |                 |
| 18-46-00                                          | 'DAP    | 56351         | 17.2           | 45.36               |                | 97.69          |                 |
| 34-00-00                                          | 'AN     | 56352         | 34.47          |                     |                | 101.38         |                 |
| 00-00-60                                          | 'MP     | 56353         |                |                     | 60.47          | 100.78         |                 |
| 21-00-00                                          | 'AS     | 56354         | 20.61          |                     |                | 98.14          | *               |
| 12-40-00                                          | 'MES 10 | 56355         | 11.98          | 41.77               |                | 103.29         | *               |
| 00-00-60                                          | 'MP     | 56732         |                |                     | 60.43          | 100.72         |                 |
| 18-46-00                                          | 'DAP    | 56733         | 17.62          | 46.35               |                | 99.9           |                 |
| 46-00-00                                          | 'Urea   | 56734         | 46.09          |                     |                | 100.2          |                 |
| 00-00-60                                          | 'MP     | 57532         |                |                     | 60.67          | 101.12         |                 |
| 46-00-00                                          | 'Urea   | 57533         | 46.16          |                     |                | 100.35         |                 |
| 18-46-00                                          | 'DAP    | 57534         | 17.61          | 46.53               |                | 100.15         |                 |
| 18-46-00                                          | 'DAP    | 57535         | 17.50          | 46.36               |                | 99.71          |                 |
| 00-00-60                                          | 'MP     | 57536         |                |                     | 61.78          | 102.97         |                 |
| 00-00-60                                          | 'MP     | 57537         |                |                     | 61.09          | 101.82         |                 |
| 46-00-00                                          | 'Urea   | 57538         | 46.17          |                     |                | 100.37         |                 |
| Southern States - Bowling Green Bowling Green ,KY |         |               |                |                     |                |                |                 |
| 28-12-15                                          |         | 56082         | 27.73          | 11.02               | 16.21          | 101.25         |                 |
| 19-9-28                                           |         | 56083         | 19.33          | 10.09               | 27.18          | 101.37         |                 |
| 26-23-00                                          |         | 56084         | 26.06          | 23.21               |                | 101.07         | *               |
| 14-37-12                                          |         | 56085         | 14.32          | 36.19               | 13.67          | 100.86         |                 |
| 14-37-12                                          |         | 56086         | 14.19          | 36.06               | 12.47          | 98.98          |                 |
| 14-37-12                                          |         | 56087         | 14.60          | 36.47               | 12.69          | 100.64         |                 |
| 32-23-00                                          |         | 56088         | 31.62          | 23.33               |                | 100.07         |                 |
| 19-19-19                                          |         | 56319         | 18.02          | 19.95               | 21.43          | 101.14         |                 |
| 14-20-26                                          |         | 56321         | 15.19          | 20                  | 25.6           | 102.21         |                 |
| 14-20-26                                          |         | 56322         | 14.91          | 20.87               | 25.65          | 103.31         |                 |
| Southern States - Cadiz Cadiz ,KY                 |         |               |                |                     |                |                |                 |
| 29-13-13                                          |         | 55221         | 28.52          | 13.42               | 13.15          | 101.93         |                 |
| 7-18-32                                           |         | 55554         | 7.04           | 18.25               | 30.91          | 99.05          | *               |
| 7-18-32                                           |         | 55555         | 6.99           | 18.41               | 31.37          | 99.93          | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                              | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 19-19-19                                            |       | 56122         | 18.83          | 19.28               | 21.05          | 100.95         |                 |
| 24-16-16                                            |       | 56123         | 23.56          | 16.23               | 16.2           | 99.86          |                 |
| 19-19-19                                            |       | 56516         | 19.89          | 20.11               | 20.37          | 103.73         |                 |
| 19-19-19                                            |       | 56517         | 19.91          | 18.71               | 20.48          | 101.37         |                 |
| 19-20-19                                            |       | 56518         | 19.60          | 21.2                | 19.75          | 104.18         |                 |
| 30-12-12                                            |       | 56527         | 29.87          | 12.63               | 12.39          | 102.54         |                 |
| 28-18-9                                             |       | 56528         | 27.88          | 17.26               | 9.6            | 98.71          |                 |
| Southern States - Calhoun Calhoun ,KY               |       |               |                |                     |                |                |                 |
| 9-23-30                                             |       | 57782         | 9.11           | 22.55               | 31.57          | 101.5          |                 |
| 8-13-32                                             |       | 57783         | 8.17           | 12.58               | 33.49          | 103.05         | *               |
| 7-17-38                                             |       | 57784         | 6.79           | 16.86               | 37.8           | 99.96          |                 |
| 9-23-30                                             |       | 57785         | 9.22           | 23.75               | 29.8           | 101.5          |                 |
| 10-19-24                                            |       | 57787         | 9.71           | 16.78               | 26.81          | 98.91          | *               |
| 11-19-24                                            |       | 57788         | 10.74          | 18.94               | 23.98          | 100.71         | *               |
| 28-10-12                                            |       | 57789         | 27.46          | 9.73                | 13.02          | 100.97         | *               |
| 28-10-13                                            |       | 57790         | 27.68          | 9.74                | 13.69          | 101.04         | *               |
| 6-15-40                                             |       | 57810         | 5.66           | 14.64               | 39.69          | 97.48          |                 |
| Southern States - Campbellsville Campbellsville ,KY |       |               |                |                     |                |                |                 |
| 20-00-22                                            |       | 57423         | 19.96          |                     | 22.27          | 100.03         | *               |
| 9-23-30                                             |       | 57603         | 9.23           | 23.89               | 29.9           | 101.95         |                 |
| 10-15-30                                            |       | 57683         | 6.04           | 16.19               | 36.96          | 104.53         | *               |
| 20-20-17                                            |       | 57684         | 20.67          | 21.27               | 17.41          | 102.59         |                 |
| 20-20-17                                            |       | 57685         | 20.62          | 20.82               | 17.07          | 101.22         |                 |
| 10-14-28                                            |       | 57686         | 5.56           | 14.91               | 38.32          | 106.53         | *               |
| 8-21-33                                             |       | 57748         | 8.29           | 20.49               | 33.6           | 100.61         |                 |
| 8-21-33                                             |       | 57749         | 8.32           | 21.35               | 33.12          | 101.62         |                 |
| Southern States - Carlisle Carlisle ,KY             |       |               |                |                     |                |                |                 |
| 7-7-7                                               |       | 56913         | 6.62           | 6.43                | 6.7            | 99.46          |                 |
| 19-19-19                                            |       | 56914         | 18.78          | 19.59               | 20.06          | 100.11         |                 |
| 19-19-19                                            |       | 56915         | 19.09          | 19.57               | 19.8           | 100.37         |                 |
| 16-8-16                                             |       | 57248         | 16.08          | 8.54                | 17.96          | 105.71         |                 |
| 10-25-27                                            |       | 57249         | 9.90           | 24.93               | 29.92          | 103.35         |                 |
| 4-10-47                                             |       | 57508         | 4.09           | 10.71               | 48.61          | 104.6          | *               |
| Southern States - Cynthiana Cynthiana ,KY           |       |               |                |                     |                |                |                 |
| 31-00-20                                            |       | 56715         | 30.63          |                     | 21.94          | 102.86         |                 |
| 29-00-23                                            |       | 56717         | 28.50          |                     | 24.17          | 102            |                 |
| 28-0-16                                             |       | 56718         | 28.04          | 0.33                | 16.92          | 101.41         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                            | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|---------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 31-00-20                                          |       | 56927         | 30.14          |                     | 20.64          | 99.77          |                 |
| 32-00-18                                          |       | 56928         | 32.20          |                     | 17.26          | 98.8           |                 |
| 23-00-30                                          |       | 56929         | 23.43          |                     | 29.92          | 100.86         |                 |
| 23-00-30                                          |       | 56930         | 22.90          |                     | 28.93          | 98.12          |                 |
| 31-11-11                                          |       | 56931         | 30.64          | 11.28               | 11.37          | 100.48         |                 |
| 9-00-48                                           |       | 56932         | 9.23           |                     | 46.25          | 97.26          |                 |
| 26-8-20                                           |       | 56934         | 26.49          | 7.81                | 20.41          | 101.89         |                 |
| Southern States - Elizabethtown Elizabethtown ,KY |       |               |                |                     |                |                |                 |
| 9-23-30                                           |       | 55420         | 8.53           | 22.27               | 30.3           | 97.86          |                 |
| 17-21-21                                          |       | 56298         | 17.05          | 20.11               | 21.87          | 101.44         |                 |
| 17-21-21                                          |       | 56299         | 16.76          | 21.49               | 20.84          | 102            |                 |
| 6-16-39                                           |       | 56300         | 6.53           | 16.51               | 39.57          | 102.4          |                 |
| 24-16-16                                          |       | 56301         | 23.97          | 16.15               | 16.92          | 101.48         |                 |
| 25-12-12                                          |       | 56302         | 25.95          | 12.91               | 10.68          | 101.11         |                 |
| 19-19-19                                          |       | 56303         | 20.12          | 20.56               | 20.06          | 104.61         |                 |
| 19-19-19                                          |       | 56304         | 19.77          | 20.02               | 19.88          | 102.7          |                 |
| 24-16-16                                          |       | 56305         | 23.74          | 16.72               | 17.06          | 102.25         |                 |
| 24-16-16                                          |       | 56312         | 22.84          | 19.2                | 16.59          | 104.38         |                 |
| 23-12-21                                          |       | 56313         | 23.58          | 12.19               | 21.09          | 102.54         |                 |
| Southern States - Elkton Elkton ,KY               |       |               |                |                     |                |                |                 |
| 12-31-20                                          |       | 55463         | 11.63          | 29.67               | 20.14          | 97.79          |                 |
| 10-26-26                                          |       | 55464         | 10.16          | 26.53               | 25.92          | 100.42         |                 |
| 7-18-27                                           |       | 55872         | 7.13           | 18.76               | 27.07          | 103.46         | *               |
| 24-10-14                                          |       | 55873         | 23.42          | 10.97               | 15.48          | 102.47         | *               |
| 24-10-14                                          |       | 55874         | 23.65          | 10.39               | 16.48          | 103.34         | *               |
| 28-8-16                                           |       | 56179         | 28.89          | 8.97                | 16.54          | 102.57         |                 |
| 9-24-29                                           |       | 56180         | 9.47           | 25.04               | 30.09          | 104.23         |                 |
| 21-27-11                                          |       | 56181         | 21.88          | 27.8                | 10.68          | 102.24         |                 |
| 27-11-16                                          |       | 56182         | 26.95          | 11.8                | 15.74          | 101.29         |                 |
| 25-13-17                                          |       | 56183         | 26.03          | 13.53               | 16.36          | 102.12         |                 |
| Southern States - Eminence Eminence ,KY           |       |               |                |                     |                |                |                 |
| 20-00-13                                          |       | 56162         | 19.47          |                     | 13             | 99.33          |                 |
| 22-00-32                                          |       | 56810         | 22.54          |                     | 31.71          | 101.95         |                 |
| 22-00-32                                          |       | 56811         | 21.83          |                     | 31.87          | 100.54         |                 |
| 39-00-9                                           |       | 56813         | 38.90          |                     | 8.99           | 99.45          |                 |
| 30-8-15                                           |       | 56814         | 30.36          | 7.25                | 14.64          | 99.73          |                 |
| 36-00-13                                          |       | 56815         | 35.90          |                     | 13.28          | 100.19         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                          | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 23-15-18                                        |       | 56816         | 22.93          | 15.75               | 17.45          | 100.31         |                 |
| 19-19-19                                        |       | 57544         | 18.56          | 19.67               | 21.33          | 101.55         |                 |
| 19-20-19                                        |       | 57549         | 18.93          | 20.1                | 20.95          | 102.22         |                 |
| 5-14-42                                         |       | 57550         | 5.06           | 13.24               | 43.55          | 100.66         | *               |
| 17-11-26                                        |       | 57551         | 17.50          | 10.92               | 27.92          | 102.65         | *               |
| Southern States - Flemingsburg Flemingsburg ,KY |       |               |                |                     |                |                |                 |
| 18-10-14                                        |       | 57376         | 17.67          | 10.35               | 13.64          | 99.66          |                 |
| 18-10-14                                        |       | 57377         | 18.06          | 10.25               | 13.7           | 100.6          |                 |
| 6-15-00                                         |       | 57378         | 6.03           | 15.06               |                | 99.24          |                 |
| 25-8-15                                         |       | 57379         | 24.67          | 7.72                | 17.08          | 102.9          | *               |
| 25-8-15                                         |       | 57380         | 24.75          | 7.44                | 16.17          | 101.03         | *               |
| 25-8-15                                         |       | 57381         | 24.31          | 7.86                | 15.31          | 99.52          | *               |
| 27-00-00                                        |       | 57382         | 26.25          |                     |                | 97.58          |                 |
| 3-9-19                                          |       | 57383         | 3.76           | 8.18                | 19.06          | 100.6          |                 |
| 3-9-19                                          |       | 57384         | 3.76           | 8.38                | 19.59          | 102.85         |                 |
| 29-12-13                                        |       | 57385         | 28.59          | 12.17               | 13.05          | 99.78          |                 |
| Southern States - Franklin Franklin ,KY         |       |               |                |                     |                |                |                 |
| 8-20-27                                         |       | 55392         | 8.28           | 21.37               | 25.76          | 102.1          | *               |
| 8-20-27                                         |       | 55393         | 8.22           | 20.8                | 27.56          | 103.58         | *               |
| 10-26-23                                        |       | 55434         | 9.94           | 27.03               | 23.56          | 102.51         | *               |
| 10-26-23                                        |       | 55435         | 10.56          | 25.85               | 23.31          | 101.38         | *               |
| 10-26-23                                        |       | 55436         | 10.62          | 26.78               | 22.72          | 102.37         | *               |
| 10-26-23                                        |       | 55437         | 10.47          | 25.06               | 24.03          | 100.25         | *               |
| 10-26-23                                        |       | 55438         | 10.30          | 25.63               | 24.5           | 101.55         | *               |
| 10-25-25                                        |       | 55439         | 9.48           | 25.99               | 25.37          | 102.46         | *               |
| 10-25-25                                        |       | 55440         | 9.53           | 25.1                | 25.24          | 100.78         | *               |
| 10-26-23                                        |       | 55441         | 10.75          | 27.94               | 21.65          | 102.73         | *               |
| Southern States - Georgetown Georgetown ,KY     |       |               |                |                     |                |                |                 |
| 28-00-24                                        |       | 57017         | 27.42          |                     | 23.51          | 98.84          |                 |
| 28-00-24                                        |       | 57018         | 26.56          |                     | 24.88          | 98.96          |                 |
| 4-0-45                                          |       | 57019         | 4.48           | 0.39                | 43.78          | 99.4           | *               |
| 4-0-45                                          |       | 57020         | 4.29           | 0.37                | 45.35          | 101.85         | *               |
| 30-00-20                                        |       | 57025         | 30.40          |                     | 21.03          | 101.02         |                 |
| 9-3-7                                           |       | 57027         | 8.78           | 2.95                | 7.37           | 100.46         |                 |
| 31-00-20                                        |       | 57031         | 30.31          |                     | 20.76          | 100.33         |                 |
| 36-0-00                                         |       | 57032         | 35.94          | 0.45                |                | 100.14         | *               |
| 9-3-7                                           |       | 57033         | 9.44           | 2.77                | 6.56           | 100.19         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                        | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 38-00-00                                      |       | 57478         | 39.12          |                     |                | 101.61         | *               |
| 38-00-00                                      |       | 57479         | 38.75          |                     |                | 100.65         | *               |
| Southern States - Glasgow Glasgow ,KY         |       |               |                |                     |                |                |                 |
| 19-19-19                                      |       | 56099         | 19.24          | 19.17               | 20.71          | 101.18         |                 |
| 19-19-19                                      |       | 56100         | 19.44          | 19.96               | 20.5           | 102.77         |                 |
| 27-14-14                                      |       | 56101         | 26.98          | 13.87               | 15.42          | 102.34         |                 |
| 15-16-28                                      |       | 56102         | 15.36          | 16.11               | 29.1           | 102.65         |                 |
| 24-16-16                                      |       | 56103         | 23.61          | 17.53               | 17.54          | 104.02         |                 |
| 24-12-18                                      |       | 56104         | 22.98          | 12.61               | 20.88          | 101.1          |                 |
| 27-14-14                                      |       | 56105         | 26.95          | 15.58               | 14.81          | 104.62         |                 |
| 19-19-19                                      |       | 56106         | 19.10          | 20.46               | 19.98          | 102.3          |                 |
| 19-19-19                                      |       | 56107         | 19.58          | 19.95               | 19.95          | 102.27         |                 |
| 19-19-19                                      |       | 56108         | 19.13          | 19.75               | 20.6           | 101.87         |                 |
| Southern States - Hardinsburg Hardinsburg ,KY |       |               |                |                     |                |                |                 |
| 20-10-13                                      |       | 56983         | 20.39          | 10.13               | 14.44          | 103.18         | *               |
| 13-22-26                                      |       | 57034         | 12.83          | 21.17               | 26.41          | 99.63          |                 |
| 20-10-13                                      |       | 57035         | 20.29          | 10.06               | 13.79          | 101.71         | *               |
| 24-16-16                                      |       | 57039         | 24.40          | 15.71               | 15.98          | 100.29         |                 |
| 10-25-27                                      |       | 57040         | 10.20          | 24.76               | 27.24          | 100.03         |                 |
| 10-25-27                                      |       | 57041         | 9.95           | 25.04               | 27.11          | 99.88          |                 |
| 19-20-19                                      |       | 57042         | 19.57          | 19.14               | 19.8           | 100.42         |                 |
| 24-16-16                                      |       | 57043         | 23.91          | 15.4                | 17.4           | 100.71         |                 |
| 22-20-16                                      |       | 57044         | 21.45          | 19.99               | 16.31          | 100.17         |                 |
| 25-15-15                                      |       | 57045         | 25.39          | 15.59               | 14.68          | 100.69         |                 |
| 25-15-15                                      |       | 57046         | 24.44          | 15.2                | 16.11          | 99.94          |                 |
| Southern States - Harrodsburg Harrodsburg ,KY |       |               |                |                     |                |                |                 |
| 20-00-27                                      |       | 57589         | 19.93          |                     | 28.49          | 103.12         | *               |
| 19-23-17                                      |       | 57590         | 18.74          | 24.11               | 17.48          | 102.18         |                 |
| 38-00-10                                      |       | 57591         | 38.24          |                     | 10.66          | 100.78         |                 |
| 18-13-26                                      |       | 57592         | 18.60          | 14.78               | 25.84          | 103.99         |                 |
| 23-00-30                                      |       | 57593         | 23.25          |                     | 31.39          | 102.74         |                 |
| 31-00-20                                      |       | 57594         | 30.40          |                     | 21.05          | 100.98         |                 |
| 20-23-15                                      |       | 57595         | 20.09          | 24.43               | 15.95          | 102.97         |                 |
| 20-00-27                                      |       | 57700         | 20.53          |                     | 28.32          | 104.41         | *               |
| 20-00-27                                      |       | 57701         | 19.81          |                     | 27.82          | 101.62         | *               |
| 1-00-6                                        |       | 57702         | 1.10           |                     | 5.98           | 101.8          |                 |
| Southern States - Henderson Henderson ,KY     |       |               |                |                     |                |                |                 |

Highlighted values are deficient.

\* Refer to Table 3



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                          | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 10-20-27                                        |       | 57441         | 10.36          | 20.95               | 26.27          | 100.8          | *               |
| 9-23-30                                         |       | 57452         | 8.80           | 23.15               | 29.64          | 99.41          |                 |
| 9-23-30                                         |       | 57453         | 8.78           | 22.84               | 30.13          | 99.67          |                 |
| 9-23-30                                         |       | 57454         | 9.08           | 23.12               | 29.84          | 100.29         |                 |
| 9-23-30                                         |       | 57455         | 9.16           | 23.17               | 29.9           | 100.5          |                 |
| 9-23-30                                         |       | 57456         | 9.02           | 23.46               | 29.36          | 100            |                 |
| 9-23-30                                         |       | 57457         | 8.865          | 22.86               | 28.24          | 97.24          |                 |
| 9-20-23                                         |       | 57610         | 9.33           | 19.75               | 22.53          | 100.61         | *               |
| 9-19-23                                         |       | 57611         | 9.47           | 19.96               | 22.95          | 102.21         | *               |
| 9-20-22                                         |       | 57612         | 9.45           | 19.57               | 22.77          | 101.06         | *               |
| Southern States - Hodgenville Hodgenville ,KY   |       |               |                |                     |                |                |                 |
| 31-25-00                                        |       | 56282         | 29.65          | 26.26               |                | 99.9           |                 |
| 16-25-9                                         |       | 56283         | 16.51          | 25.88               | 9.45           | 103.73         | *               |
| 8-20-26                                         |       | 56288         | 8.41           | 19.84               | 28.71          | 103.91         |                 |
| 19-19-19                                        |       | 56289         | 19.80          | 20                  | 19.41          | 102.08         |                 |
| 20-20-19                                        |       | 56290         | 20.16          | 20.56               | 19.08          | 103.14         |                 |
| 26-17-13                                        |       | 56291         | 27.56          | 17.15               | 12.38          | 103.1          |                 |
| 17-22-13                                        |       | 56292         | 16.12          | 23.5                | 13.64          | 101.96         | *               |
| 19-19-19                                        |       | 56293         | 18.95          | 21.87               | 19.32          | 103.69         |                 |
| 38-00-00                                        |       | 56294         | 34.96          |                     |                | 92.81          | *               |
| 38-00-00                                        |       | 56295         | 36.80          |                     |                | 97.69          | *               |
| Southern States - Hopkinsville Hopkinsville ,KY |       |               |                |                     |                |                |                 |
| 15-19-22                                        |       | 55950         | 14.72          | 19.18               | 20.9           | 98.92          | *               |
| 8-17-8                                          |       | 56113         | 8.78           | 17.35               | 9.05           | 103.25         | *               |
| 21-15-20                                        |       | 56114         | 21.74          | 15.82               | 20.04          | 101.85         |                 |
| 15-15-22                                        |       | 56115         | 15.16          | 14.38               | 23.67          | 103.32         | *               |
| 18-14-18                                        |       | 56116         | 18.39          | 13.75               | 19.06          | 100.53         | *               |
| 20-00-3                                         |       | 56117         | 20.36          |                     | 3.33           | 99.34          |                 |
| 20-00-3                                         |       | 56118         | 19.21          |                     | 3.50           | 94.78          |                 |
| 16-16-15                                        |       | 56119         | 15.91          | 16.01               | 16.88          | 101.96         | *               |
| 16-17-16                                        |       | 56264         | 16.66          | 16.45               | 16.85          | 101.16         | *               |
| 5-13-41                                         |       | 56265         | 5.06           | 12.71               | 40.04          | 98.5           | *               |
| 7-18-27                                         |       | 56266         | 6.99           | 18.31               | 27.2           | 100.98         | *               |
| Southern States - Horse Cave Horse Cave ,KY     |       |               |                |                     |                |                |                 |
| 9-15-36                                         |       | 55899         | 9.54           | 12.96               | 37.75          | 99.47          |                 |
| 25-11-18                                        |       | 55900         | 24.81          | 11.68               | 18.61          | 100.81         |                 |
| 18-00-36                                        |       | 55998         | 17.61          |                     | 37.81          | 100.99         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                    | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 27-17-11                                  |       | 55999         | 26.62          | 17.81               | 12.17          | 101.99         |                 |
| 32-23-00                                  |       | 56000         | 31.35          | 23.36               |                | 99.39          |                 |
| 16-16-16                                  |       | 56198         | 16.57          | 17.65               | 17.17          | 105.2          |                 |
| 12-31-20                                  |       | 56199         | 11.75          | 29.27               | 22.31          | 100.03         |                 |
| 19-19-19                                  |       | 56200         | 19.34          | 18.5                | 21.54          | 101.27         |                 |
| 12-15-21                                  |       | 56201         | 11.22          | 14.72               | 22.84          | 100.41         | *               |
| 24-10-20                                  |       | 56202         | 24.46          | 9.9                 | 20.71          | 100.96         | *               |
| Southern States - Liberty Liberty ,KY     |       |               |                |                     |                |                |                 |
| 19-19-19                                  |       | 57426         | 19.49          | 19.17               | 19.41          | 99.94          |                 |
| 19-19-19                                  |       | 57427         | 19.57          | 19.52               | 20.24          | 101.85         |                 |
| 19-19-19                                  |       | 57739         | 18.86          | 18.85               | 21.3           | 100.63         |                 |
| 19-19-19                                  |       | 57740         | 19.36          | 18.91               | 20.22          | 100.3          |                 |
| 23-00-30                                  |       | 57741         | 21.53          |                     | 33.48          | 101.98         |                 |
| 19-19-19                                  |       | 57742         | 18.37          | 18.97               | 21.34          | 99.93          |                 |
| 19-19-19                                  |       | 57743         | 18.50          | 19.01               | 20.40          | 99.01          |                 |
| 26-8-17                                   |       | 57744         | 25.42          | 7.49                | 17.59          | 99.82          |                 |
| 14-8-21                                   |       | 57745         | 12.64          | 7.89                | 23.06          | 99.2           |                 |
| 14-8-21                                   |       | 57746         | 12.98          | 7.84                | 22.22          | 98.45          |                 |
| Southern States - London London ,KY       |       |               |                |                     |                |                |                 |
| 10-10-10 '10-10-10                        |       | 56130         | 10.45          | 11.13               | 10.5           | 107.03         |                 |
| 10-20-20                                  |       | 56132         | 12.48          | 26.76               | 22.92          | 125.47         |                 |
| 19-19-19                                  |       | 56133         | 19.11          | 20.62               | 18.92          | 103.13         |                 |
| 19-19-19                                  |       | 56134         | 19.44          | 19.47               | 20.21          | 101.48         |                 |
| 8-8-8                                     |       | 56135         | 9.07           | 8.88                | 8.15           | 106.64         |                 |
| 19-19-19                                  |       | 56138         | 19.15          | 19.37               | 19.17          | 100.88         |                 |
| 19-19-19                                  |       | 56139         | 18.90          | 19.29               | 20.77          | 102.75         |                 |
| 7-7-7                                     |       | 56140         | 7.72           | 7.54                | 7.03           | 113.05         |                 |
| Southern States - Maysville Maysville ,KY |       |               |                |                     |                |                |                 |
| 16-8-8                                    |       | 57496         | 15.41          | 7.74                | 8.01           | 100.76         |                 |
| 26-10-19                                  |       | 57497         | 24.55          | 9.49                | 20.41          | 99.46          |                 |
| 17-12-21                                  |       | 57498         | 16.91          | 12.48               | 21.81          | 101            | *               |
| 7-12-21                                   |       | 57499         | 17.28          | 13.59               | 20.53          | 133.75         | *               |
| 33-00-16                                  |       | 57500         | 33.52          |                     | 17.19          | 101.41         |                 |
| 18-13-19                                  |       | 57501         | 18.16          | 13.67               | 19.16          | 102.05         | *               |
| 17-12-21                                  |       | 57502         | 16.95          | 12.51               | 21.8           | 101.14         | *               |
| 17-12-21                                  |       | 57503         | 16.97          | 13.05               | 21.56          | 101.97         | *               |
| 17-12-21                                  |       | 57504         | 16.88          | 13.25               | 21.62          | 102.28         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                        | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 17-12-21                                      |       | 57505         | 16.78          | 13.04               | 22.09          | 102.34         | *               |
| 22-10-15                                      |       | 57506         | 22.31          | 10.75               | 15.45          | 102.79         | *               |
| Southern States - Morganfield Morganfield ,KY |       |               |                |                     |                |                |                 |
| 6-21-28                                       |       | 56745         | 6.47           | 21.96               | 28.06          | 101.63         | *               |
| 6-21-28                                       |       | 56746         | 6.60           | 21.58               | 27.67          | 100.59         | *               |
| 9-23-30                                       |       | 56747         | 9.07           | 23.12               | 30.4           | 100.89         |                 |
| 9-23-30                                       |       | 56748         | 8.98           | 23.38               | 29.45          | 99.92          |                 |
| 6-21-28                                       |       | 56756         | 6.42           | 21.12               | 28.99          | 101.21         | *               |
| 6-21-29                                       |       | 56757         | 6.48           | 21.42               | 28.27          | 100.91         | *               |
| 9-23-30                                       |       | 56758         | 8.27           | 23.09               | 31.53          | 100.75         |                 |
| 9-23-30                                       |       | 56759         | 8.68           | 22.94               | 31.52          | 101.28         |                 |
| 9-23-30                                       |       | 56760         | 8.79           | 23.09               | 30.16          | 99.96          |                 |
| 11-20-26                                      |       | 56853         | 10.90          | 20.02               | 26.97          | 102.94         | *               |
| 11-20-26                                      |       | 56854         | 11.16          | 19.65               | 26.74          | 102.48         | *               |
| Southern States - Owensboro Owensboro ,KY     |       |               |                |                     |                |                |                 |
| 9-23-30                                       |       | 55897         | 9.29           | 23.67               | 29.91          | 101.68         |                 |
| 9-23-30                                       |       | 55898         | 9.03           | 23.36               | 30.3           | 101.12         |                 |
| 9-23-30                                       |       | 56561         | 9.00           | 22.65               | 30.74          | 100.35         |                 |
| 9-23-30                                       |       | 56562         | 8.72           | 22.05               | 30.76          | 98.72          |                 |
| 10-19-24                                      |       | 57613         | 10.16          | 17.62               | 25.81          | 100.17         | *               |
| 10-19-24                                      |       | 57614         | 10.14          | 16.92               | 24.74          | 97.01          | *               |
| 20-19-19                                      |       | 57615         | 19.74          | 21.20               | 17.36          | 101.57         |                 |
| 10-19-24                                      |       | 57616         | 10.41          | 19.07               | 24.52          | 102.1          | *               |
| 10-19-24                                      |       | 57617         | 10.41          | 19.17               | 23.93          | 101.4          | *               |
| 10-14-17                                      |       | 57618         | 9.90           | 13.79               | 18.35          | 102.37         | *               |
| 10-14-17                                      |       | 57619         | 9.73           | 13.45               | 16.89          | 98.08          | *               |
| Southern States - Owenton Owenton ,KY         |       |               |                |                     |                |                |                 |
| 40-10-00                                      |       | 56621         | 39.98          | 9.78                |                | 99.51          |                 |
| 00-00-56                                      |       | 56622         |                |                     | 54.08          | 96.73          | *               |
| 31-9-12                                       |       | 56623         | 31.74          | 8.7                 | 11.89          | 100.02         |                 |
| 28-00-22                                      |       | 56624         | 27.28          |                     | 21.75          | 98.93          |                 |
| 37-00-12                                      |       | 56625         | 36.60          |                     | 12.9           | 100.89         |                 |
| 19-19-19                                      |       | 56626         | 19.74          | 20.22               | 19.2           | 102.02         |                 |
| 19-20-19                                      |       | 56627         | 19.60          | 18.88               | 19.77          | 99.96          |                 |
| 31-9-12                                       |       | 56628         | 30.61          | 9.19                | 12.26          | 99.99          |                 |
| 6-5-6                                         |       | 56629         | 5.69           | 4.53                | 6.57           | 100.47         | *               |
| 27-14-14                                      |       | 56630         | 26.86          | 14.22               | 14.02          | 100.57         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                        | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| Southern States - Owingsville Owingsville ,KY |       |               |                |                     |                |                |                 |
| 19-19-19                                      |       | 56033         | 19.39          | 20.17               | 20.33          | 102.8          |                 |
| 19-19-19                                      |       | 56916         | 19.33          | 18.96               | 20.01          | 100.03         |                 |
| 26-14-14                                      |       | 56917         | 25.92          | 14.68               | 15.04          | 100.81         |                 |
| 10-10-10                                      |       | 56918         | 9.81           | 10.11               | 9.81           | 103.44         |                 |
| 25-15-15                                      |       | 56919         | 23.88          | 16.37               | 16.05          | 100.87         |                 |
| 19-19-19                                      |       | 56920         | 19.22          | 19.94               | 19.89          | 101.44         |                 |
| 12-24-24                                      |       | 56921         | 12.59          | 25.14               | 24.18          | 101.29         |                 |
| 10-10-10                                      |       | 56922         | 9.73           | 9.85                | 9.24           | 101.25         |                 |
| 27-13-13                                      |       | 56923         | 28.33          | 13.13               | 12.73          | 100.12         |                 |
| 19-19-19                                      |       | 56924         | 19.71          | 19.43               | 19.55          | 101.03         |                 |
| 19-19-19                                      |       | 56925         | 20.13          | 19.7                | 18.89          | 101.48         |                 |
| Southern States - Richmond Richmond ,KY       |       |               |                |                     |                |                |                 |
| 4-0-20                                        |       | 57294         | 4.18           | 0.93                | 20.74          | 110.27         | *               |
| 4-0-20                                        |       | 57295         | 3.69           | 0.84                | 20.51          | 106.03         | *               |
| 4-0-20                                        |       | 57298         | 3.86           | 0.85                | 19.4           | 102.75         | *               |
| 4-0-20                                        |       | 57299         | 3.57           | 0.86                | 19.74          | 102.43         | *               |
| 25-11-18                                      |       | 57300         | 24.99          | 10.77               | 18.49          | 99.51          |                 |
| 9-23-30                                       |       | 57301         | 8.90           | 22.76               | 29.58          | 98.65          |                 |
| 10-26-26                                      |       | 57473         | 10.38          | 26.01               | 27.12          | 101.62         |                 |
| 19-19-19                                      |       | 57474         | 19.56          | 19.68               | 20.2           | 102.08         |                 |
| 19-19-19                                      |       | 57475         | 19.38          | 18.84               | 20.22          | 100.22         |                 |
| 13-33-17                                      |       | 57477         | 12.65          | 32.96               | 17.73          | 100.51         |                 |
| Southern States - Richmond VA Richmond ,VA    |       |               |                |                     |                |                |                 |
| 00-00-60 'MOP                                 |       | 55136         |                |                     | 59.91          | 99.85          |                 |
| 00-00-60 'MOP                                 |       | 55137         |                |                     | 60.20          | 100.33         |                 |
| 00-00-60 'MOP                                 |       | 55138         |                |                     | 60.55          | 100.92         |                 |
| 18-46-00 'DAP                                 |       | 55139         | 17.47          | 45.69               |                | 98.6           |                 |
| 00-00-22 SPM                                  |       | 55140         |                |                     | 23.09          | 104.95         | *               |
| 00-00-60 'MOP                                 |       | 55141         |                |                     | 60.22          | 100.37         |                 |
| 00-00-60 'MOP                                 |       | 55142         |                |                     | 60.47          | 100.78         |                 |
| 18-46-00 'DAP                                 |       | 55143         | 17.49          | 45.78               |                | 98.77          |                 |
| 18-46-00 'DAP                                 |       | 55144         | 17.61          | 45.46               |                | 98.51          |                 |
| 18-46-00 'DAP                                 |       | 55154         | 17.74          | 45.74               |                | 99.15          |                 |
| 18-46-00 'DAP                                 |       | 55155         | 17.63          | 45.95               |                | 99.27          |                 |
| 46-00-00 'Urea                                |       | 55156         | 46.12          |                     |                | 100.26         |                 |
| 00-00-60 'MOP                                 |       | 55157         |                |                     | 59.74          | 99.57          |                 |
| 00-00-60 'MOP                                 |       | 55158         |                |                     | 59.88          | 99.8           |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand        | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|--------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60               | 'MOP         | 55159         |                |                     | 59.87          | 99.78          |                 |
| 46-00-00               | ' Urea       | 55186         | 45.98          |                     |                | 99.96          |                 |
| 18-46-00               | ' DAP        | 55187         | 17.82          | 46.01               |                | 99.7           |                 |
| 00-00-60               | ' MOP        | 55188         |                |                     | 60.03          | 100.05         |                 |
| 00-00-60               | 'MP          | 55217         |                |                     | 59.27          | 98.78          |                 |
| 00-00-60               | 'MP          | 55218         |                |                     | 60.28          | 100.47         |                 |
| 18-46-00               | 'DAP         | 55219         | 17.64          | 46.43               |                | 100            |                 |
| 18-46-00               | 'DAP         | 55220         | 17.94          | 46.07               |                | 100            |                 |
| 18-46-00               | 'DAP         | 55260         | 17.57          | 45.64               |                | 98.71          |                 |
| 21-00-00               | 'AS          | 55261         | 20.54          |                     |                | 97.81          | *               |
| 00-00-60               | 'MP          | 55262         |                |                     | 59.72          | 99.53          |                 |
| 18-46-00               | 'DAP         | 55263         | 17.77          | 45.28               |                | 98.53          |                 |
| 00-00-60               | 'MP          | 55264         |                |                     | 59.20          | 98.67          |                 |
| 00-00-60               | 'MP          | 55265         |                |                     | 59.76          | 99.6           |                 |
| 00-00-60               | 'MP          | 55266         |                |                     | 59.42          | 99.03          |                 |
| 00-00-60               | 'MP          | 55273         |                |                     | 59.75          | 99.58          |                 |
| 18-46-00               | 'DAP         | 55274         | 17.73          | 44.90               |                | 97.89          |                 |
| 00-00-60               | 'MP          | 55275         |                |                     | 60.12          | 100.2          |                 |
| 00-00-60               | 'MOP         | 55283         |                |                     | 59.33          | 98.88          |                 |
| 00-00-60               | 'MOP         | 55284         |                |                     | 59.50          | 99.17          |                 |
| 18-46-00               | 'DAP         | 55285         | 17.76          | 46.02               |                | 99.6           |                 |
| 00-00-60               | 'MOP         | 55290         |                |                     | 60.89          | 101.48         |                 |
| 00-00-60               | 'MOP         | 55291         |                |                     | 60.04          | 100.07         |                 |
| 18-46-00               | 'DAP         | 55292         | 17.64          | 45.88               |                | 99.18          |                 |
| 00-00-60               | 'MOP         | 55298         |                |                     | 59.30          | 98.83          |                 |
| 00-00-60               | 'MP          | 55308         |                |                     | 59.16          | 98.6           |                 |
| 00-00-60               | 'MP          | 55309         |                |                     | 60.71          | 101.18         |                 |
| 18-46-00               | 'DAP         | 55310         | 17.57          | 46.22               |                | 99.56          |                 |
| 18-46-00               | 'DAP         | 55311         | 17.28          | 45.92               |                | 98.61          |                 |
| 18-46-00               | 'DAP         | 55312         | 17.74          | 45.25               |                | 98.43          |                 |
| 00-00-60               | 'MP          | 55313         |                |                     | 61.00          | 101.67         |                 |
| 18-46-00               | 'DAP         | 55324         | 17.77          | 45.58               |                | 98.97          |                 |
| 18-46-00               | 'DAP 18-46-0 | 55325         | 17.55          | 45.97               |                | 99.16          |                 |
| 20-00-00               | 'AS          | 55326         | 20.30          |                     |                | 99.02          | *               |
| 00-00-60               | 'MP          | 55327         |                |                     | 61.32          | 102.2          |                 |
| 18-46-00               | 'DAP         | 55345         | 17.38          | 45.22               |                | 97.75          |                 |
| 18-46-00               | 'DAP         | 55346         | 17.75          | 45.05               |                | 98.15          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand  | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|--------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 18-46-00               | 'DAP   | 55347         | 17.96          | 45.89               |                | 99.77          |                 |
| 00-00-60               | 'MP    | 55349         |                |                     | 59.95          | 99.92          |                 |
| 00-00-60               | 'MP    | 55350         |                |                     | 60.60          | 101            |                 |
| 00-00-60               | 'MP    | 55351         |                |                     | 59.97          | 99.95          |                 |
| 00-00-60               | 'MP    | 55352         |                |                     | 59.46          | 99.1           |                 |
| 12-40-00               | 'MES10 | 55364         | 11.89          | 41.42               |                | 102.37         | *               |
| 00-46-00               | 'TSP   | 55365         |                | 46.68               |                | 101.48         |                 |
| 00-00-60               | 'MP    | 55366         |                |                     | 59.53          | 99.22          |                 |
| 00-00-60               | 'MP    | 55367         |                |                     | 60.31          | 100.52         |                 |
| 18-46-00               | 'DAP   | 55368         | 17.74          | 45.91               |                | 99.41          |                 |
| 21-00-00               | 'AS    | 55370         | 20.95          |                     |                | 99.76          | *               |
| 00-00-60               | 'MOP   | 55371         |                |                     | 60.16          | 100.27         |                 |
| 00-00-60               | 'MOP   | 55372         |                |                     | 60.48          | 100.8          |                 |
| 18-46-00               | 'DAP   | 55373         | 17.43          | 45.76               |                | 98.64          |                 |
| 18-46-00               | 'DAP   | 55374         | 17.36          | 46.18               |                | 99.13          |                 |
| 00-00-60               | 'MOP   | 55489         |                |                     | 60.50          | 100.83         |                 |
| 18-46-00               | 'DAP   | 55490         | 17.67          | 45.41               |                | 98.54          |                 |
| 18-46-00               | 'DAP   | 55491         | 17.58          | 47.32               |                | 101.21         |                 |
| 00-00-60               | 'MOP   | 55492         |                |                     | 59.29          | 98.82          |                 |
| 18-46-00               | 'DAP   | 55562         | 17.54          | 46.30               |                | 99.63          |                 |
| 00-00-60               | 'MOP   | 55563         |                |                     | 59.43          | 99.05          |                 |
| 46-00-00               | 'Urea  | 55577         | 45.93          |                     |                | 99.85          |                 |
| 46-00-00               | 'Urea  | 55578         | 45.99          |                     |                | 99.98          |                 |
| 46-00-00               | 'Urea  | 55579         | 45.97          |                     |                | 99.93          |                 |
| 46-00-00               | 'Urea  | 55580         | 46.02          |                     |                | 100.04         |                 |
| 00-00-60               | 'MOP   | 55581         |                |                     | 60.07          | 100.12         |                 |
| 00-00-60               | 'MOP   | 55582         |                |                     | 60.21          | 100.35         |                 |
| 20-00-00               | 'AS    | 55583         | 20.30          |                     |                | 99.02          | *               |
| 18-46-00               | 'DAP   | 55584         | 17.66          | 46.57               |                | 100.3          |                 |
| 00-00-60               | 'MOP   | 55585         |                |                     | 59.55          | 99.25          |                 |
| 00-00-60               | 'MOP   | 55589         |                |                     | 59.43          | 99.05          |                 |
| 00-00-60               | 'MOP   | 55590         |                |                     | 59.09          | 98.48          |                 |
| 00-00-60               | 'MOP   | 55591         |                |                     | 59.77          | 99.62          |                 |
| 00-00-60               | 'MOP   | 55592         |                |                     | 58.98          | 98.3           |                 |
| 18-46-00               | 'DAP   | 55593         | 18.03          | 45.30               |                | 98.99          |                 |
| 18-46-00               | 'DAP   | 55594         | 16.95          | 46.00               |                | 98.25          |                 |
| 46-00-00               | 'Urea  | 55595         | 46.19          |                     |                | 100.41         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 46-00-00               | 'Urea | 55596         | 46.19          |                     |                | 100.41         |                 |
| 46-00-00               | 'Urea | 55624         | 46.18          |                     |                | 100.39         |                 |
| 46-00-00               | 'Urea | 55625         | 46.14          |                     |                | 100.3          |                 |
| 21-00-00               | 'AS   | 55626         | 21.40          |                     |                | 101.9          | *               |
| 18-46-00               | 'DAP  | 55627         | 17.64          | 46.42               |                | 100.04         |                 |
| 18-46-00               | 'DAP  | 55628         | 17.79          | 45.86               |                | 99.44          |                 |
| 00-00-60               | 'MOP  | 55629         |                |                     | 59.08          | 98.47          |                 |
| 00-00-60               | 'MOP  | 55630         |                |                     | 59.11          | 98.52          |                 |
| 00-00-60               | 'MOP  | 55631         |                |                     | 60.10          | 100.17         |                 |
| 00-00-60               | 'MOP  | 55658         |                |                     | 59.23          | 98.72          |                 |
| 00-00-60               | 'MOP  | 55659         |                |                     | 60.56          | 100.93         |                 |
| 46-00-00               | 'Urea | 55660         | 46.15          |                     |                | 100.33         |                 |
| 46-00-00               | 'Urea | 55661         | 46.09          |                     |                | 100.2          |                 |
| 18-46-00               | 'DAP  | 55662         | 17.90          | 45.08               |                | 98.43          |                 |
| 18-46-00               | 'DAP  | 55663         | 18.15          | 44.87               |                | 98.53          |                 |
| 18-46-00               | 'DAP  | 55664         | 17.73          | 47.90               |                | 102.44         |                 |
| 00-00-50               | 'SOP  | 55665         |                |                     | 50.22          | 100.44         |                 |
| 18-46-00               | 'DAP  | 55691         | 18.11          | 47.15               |                | 101.93         |                 |
| 00-00-60               | 'MOP  | 55692         |                |                     | 60.03          | 100.05         |                 |
| 46-00-00               | 'Urea | 55693         | 46.04          |                     |                | 100.09         |                 |
| 46-00-00               | 'Urea | 55694         | 46.03          |                     |                | 100.07         |                 |
| 00-00-50               | 'SOP  | 55699         |                |                     | 49.27          | 98.54          |                 |
| 00-00-60               | 'MOP  | 55700         |                |                     | 59.86          | 99.77          |                 |
| 00-00-60               | 'MOP  | 55701         |                |                     | 59.62          | 99.37          |                 |
| 00-00-60               | 'MOP  | 55702         |                |                     | 59.87          | 99.78          |                 |
| 46-00-00               | 'Urea | 55703         | 46.12          |                     |                | 100.26         |                 |
| 18-46-00               | 'DAP  | 55704         | 17.72          | 45.70               |                | 99.08          |                 |
| 18-46-00               | 'DAP  | 55705         | 17.68          | 45.56               |                | 98.8           |                 |
| 18-46-00               | 'DAP  | 55706         | 17.87          | 45.46               |                | 98.96          |                 |
| 21-00-00               | 'AS   | 55720         | 20.82          |                     |                | 99.14          | *               |
| 00-00-60               | 'MP   | 55721         |                |                     | 59.73          | 99.55          |                 |
| 18-46-00               | 'DAP  | 55722         | 18.00          | 44.26               |                | 97.35          |                 |
| 18-46-00               | 'DAP  | 55723         | 18.12          | 45.86               |                | 99.99          |                 |
| 46-00-00               | 'Urea | 55724         | 45.96          |                     |                | 99.91          |                 |
| 46-00-00               | 'Urea | 55725         | 46.01          |                     |                | 100.02         |                 |
| 46-00-00               | 'Urea | 55726         | 46.16          |                     |                | 100.35         |                 |
| 00-00-60               | 'MOP  | 55727         |                |                     | 59.83          | 99.72          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand   | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|---------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 18-46-00               | 'DAP    | 55728         | 18.17          | 45.05               |                | 98.84          |                 |
| 00-00-60               | 'MOP    | 55729         |                |                     | 59.83          | 99.72          |                 |
| 46-00-00               | 'Urea   | 55730         | 45.94          |                     |                | 99.87          |                 |
| 46-00-00               | 'Urea   | 55747         | 46.11          |                     |                | 100.24         |                 |
| 46-00-00               | 'Urea   | 55748         | 46.15          |                     |                | 100.33         |                 |
| 18-46-00               | 'DAP    | 55749         | 17.82          | 45.62               |                | 99.12          |                 |
| 18-46-00               | 'DAP    | 55750         | 17.66          | 45.39               |                | 98.5           |                 |
| 00-00-60               | 'MOP    | 55751         |                |                     | 60.67          | 101.12         |                 |
| 00-00-60               | 'MOP    | 55752         |                |                     | 61.01          | 101.68         |                 |
| 18-46-00               | 'DAP    | 55784         | 17.40          | 45.56               |                | 98.33          |                 |
| 18-46-00               | 'DAP    | 55785         | 17.66          | 45.60               |                | 98.82          |                 |
| 46-00-00               | 'Urea   | 55786         | 45.98          |                     |                | 99.96          |                 |
| 46-00-00               | 'Urea   | 55787         | 46.16          |                     |                | 100.35         |                 |
| 00-00-22               | 'SPM    | 55788         |                |                     | 22.31          | 101.41         | *               |
| 00-00-60               | 'MOP    | 55789         |                |                     | 58.62          | 97.7           |                 |
| 00-00-60               | 'MOP    | 55790         |                |                     | 58.87          | 98.12          |                 |
| 00-00-60               | 'MOP    | 55791         |                |                     | 59.06          | 98.43          |                 |
| 00-00-22               | 'SPM    | 55802         |                |                     | 22.41          | 101.86         | *               |
| 00-00-60               | 'MOP    | 55803         |                |                     | 60.14          | 100.23         |                 |
| 18-46-00               | 'DAP    | 55804         | 17.60          | 45.45               |                | 98.5           |                 |
| 18-46-00               | 'DAP    | 55805         | 17.70          | 47.10               |                | 101.1          |                 |
| 46-00-00               | 'Urea   | 55806         | 46.09          |                     |                | 100.2          |                 |
| 46-00-00               | 'Urea   | 55807         | 46.04          |                     |                | 100.09         |                 |
| 18-46-00               | 'DAP    | 55808         | 17.94          | 46.02               |                | 99.93          |                 |
| 46-00-00               | 'Urea   | 55809         | 45.99          |                     |                | 99.98          |                 |
| 00-00-60               | 'MOP    | 55810         |                |                     | 59.67          | 99.45          |                 |
| 00-00-60               | 'MOP    | 55811         |                |                     | 59.39          | 98.98          |                 |
| 00-00-60               | 'MOP    | 55812         |                |                     | 60.76          | 101.27         |                 |
| 00-00-60               | 'MOP    | 55813         |                |                     | 61.04          | 101.73         |                 |
| 18-46-00               | 'DAP    | 55814         | 18.04          | 46.83               |                | 101.33         |                 |
| 46-00-00               | 'Urea   | 55815         | 46.02          |                     |                | 100.04         |                 |
| 46-00-00               | 'Urea   | 55857         | 46.04          |                     |                | 100.09         |                 |
| 46-00-00               | 'Urea   | 55858         | 46.16          |                     |                | 100.35         |                 |
| 16-1-00                | 'SymTRX | 55859         | 17.25          | 1.44                |                | 109.76         | *               |
| 00-00-60               | 'MOP    | 55860         |                |                     | 60.14          | 100.23         |                 |
| 46-00-00               | 'Urea   | 55891         | 46.19          |                     |                | 100.41         |                 |
| 18-46-00               | 'DAP    | 55892         | 18.05          | 46                  |                | 100.08         |                 |

Highlighted values are deficient.

\* Refer to Table 3



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand              | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|--------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 16-1-00                | 'SymTRX            | 55893         | 17.54          | 7.18                |                | 142.4          | *               |
| 00-00-60               | 'MP                | 55894         |                |                     | 59.01          | 98.35          |                 |
| 18-46-00               | DAP                | 55895         | 16.74          | 44.82               |                | 96.1           |                 |
| 00-00-60               | 'MP                | 55896         |                |                     | 60.2           | 100.33         |                 |
| 00-00-60               | 'MP                | 55911         |                |                     | 59.59          | 99.32          |                 |
| 00-00-60               | 'MP                | 55912         |                |                     | 59.76          | 99.6           |                 |
| 00-00-60               | 'MP                | 55913         |                |                     | 61             | 101.67         |                 |
| 46-00-00               | 'Urea              | 55914         | 46.14          |                     |                | 100.3          |                 |
| 18-46-00               | 'DAP               | 55915         | 17.83          | 46.97               |                | 101.19         |                 |
| 18-46-00               | 'DAP               | 55937         | 17.74          | 46.13               |                | 99.76          |                 |
| 00-00-60               | 'MP                | 55938         |                |                     | 59.65          | 99.42          |                 |
| 46-00-00               | 'Urea              | 55939         | 46.03          |                     |                | 100.07         |                 |
| 00-00-50               | 'SP                | 55940         |                |                     | 50.74          | 101.48         |                 |
| 46-00-00               | 'Urea              | 55941         | 46.06          |                     |                | 100.13         |                 |
| 34-00-00               | 'Super Kicker Plus | 55947         | 33.55          |                     |                | 98.68          | *               |
| 00-00-60               | 'MOP               | 55953         |                |                     | 60.97          | 101.62         |                 |
| 18-46-00               | 'DAP               | 55954         | 17.76          | 45.44               |                | 98.75          |                 |
| 16-1-00                | 'SymTRX            | 55955         | 17.10          | 1.08                |                | 106.94         | *               |
| 18-46-00               | 'DAP               | 55956         | 17.73          | 45.37               |                | 98.59          |                 |
| 46-00-00               | 'Urea              | 55957         | 46.00          |                     |                | 100            |                 |
| 18-46-00               | 'DAP               | 56016         | 17.79          | 46.00               |                | 99.65          |                 |
| 00-00-22               | 'KMag              | 56017         |                |                     | 22.97          | 104.41         | *               |
| 00-00-50               | 'SP                | 56018         |                |                     | 51.31          | 102.62         |                 |
| 00-00-60               | 'MP                | 56019         |                |                     | 59.59          | 99.32          |                 |
| 00-00-60               | 'MP                | 56020         |                |                     | 58.80          | 98             |                 |
| 00-00-60               | 'MP                | 56021         |                |                     | 59.15          | 98.58          |                 |
| 46-00-00               | 'Urea              | 56022         | 46.15          |                     |                | 100.33         |                 |
| 18-46-00               | 'DAP               | 56023         | 18.08          | 45.12               |                | 98.8           |                 |
| 16-1-00                | 'SymTRX            | 56024         | 18.20          | 1.31                |                | 114.68         | *               |
| 46-00-00               | 'Urea              | 56025         | 46.11          |                     |                | 100.24         |                 |
| 46-00-00               | 'Urea              | 56026         | 46.18          |                     |                | 100.39         |                 |
| 21-00-00               | 'AS                | 56027         | 20.84          |                     |                | 99.24          | *               |
| 00-00-50               | 'SP                | 56028         |                |                     | 50.15          | 100.3          |                 |
| 18-46-00               | 'DAP               | 56029         | 17.84          | 44.38               |                | 97.27          |                 |
| 18-46-00               | 'DAP               | 56030         | 17.70          | 46.18               |                | 99.77          |                 |
| 00-00-60               | 'MP                | 56031         |                |                     | 60.41          | 100.68         |                 |
| 00-00-60               | 'MP                | 56032         |                |                     | 60.32          | 100.53         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand              | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|--------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 46-00-00               | 'Urea              | 56044         | 46.15          |                     |                | 100.33         |                 |
| 46-00-00               | 'Urea              | 56045         | 46.11          |                     |                | 100.24         |                 |
| 16-1-00                | 'SymTRX            | 56046         | 17.40          | 1.42                |                | 110.54         | *               |
| 00-00-60               | 'MP                | 56047         |                |                     | 58.89          | 98.15          |                 |
| 18-46-00               | 'DAP               | 56048         | 17.85          | 45.83               |                | 99.49          |                 |
| 00-00-50               | 'SP                | 56049         |                |                     | 52.06          | 104.12         |                 |
| 00-00-22               | 'KMag              | 56050         |                |                     | 23.34          | 106.09         | *               |
| 18-46-00               | 'DAP               | 56051         | 17.68          | 45.57               |                | 98.81          |                 |
| 00-00-50               | 'SP                | 56052         |                |                     | 50.58          | 101.16         |                 |
| 46-00-00               | 'Urea              | 56053         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60               | 'MP                | 56054         |                |                     | 60.75          | 101.25         |                 |
| 34-00-00               | 'Super Kicker Plus | 56056         | 33.42          |                     |                | 98.29          | *               |
| 00-00-22               | 'KMag              | 56057         |                |                     | 22.80          | 103.64         | *               |
| 00-00-60               | 'MP                | 56058         |                |                     | 60.99          | 101.65         |                 |
| 46-00-00               | 'Urea              | 56059         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP               | 56060         | 17.67          | 45.35               |                | 98.46          |                 |
| 16-1-00                | 'SymTRX            | 56061         | 17.67          | 1.37                |                | 111.87         | *               |
| 46-00-00               | 'Urea              | 56062         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP               | 56064         | 17.76          | 45.9                |                | 99.45          |                 |
| 46-00-00               | 'Urea              | 56065         | 46.04          |                     |                | 100.09         |                 |
| 00-00-50               | 'SP                | 56066         |                |                     | 50.94          | 101.88         |                 |
| 16-1-00                | 'SymTRX            | 56067         | 17.54          | 1.34                |                | 110.94         | *               |
| 00-00-60               | 'MP                | 56068         |                |                     | 61.16          | 101.93         |                 |
| 46-00-00               | 'Urea              | 56069         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP               | 56131         | 17.55          | 46.91               |                | 100.63         |                 |
| 00-00-50               | 'SOP               | 56163         |                |                     | 50.66          | 101.32         |                 |
| 18-46-00               | 'DAP               | 56164         | 17.84          | 45.56               |                | 99.06          |                 |
| 00-00-60               | 'MOP               | 56165         |                |                     | 59.85          | 99.75          |                 |
| 00-00-60               | 'MOP               | 56166         |                |                     | 59.39          | 98.98          |                 |
| 46-00-00               | 'Urea              | 56167         | 46.06          |                     |                | 100.13         |                 |
| 46-00-00               | 'UREA              | 56284         | 46.20          |                     |                | 100.43         |                 |
| 46-00-00               | 'UREA              | 56285         | 46.17          |                     |                | 100.37         |                 |
| 18-46-00               | 'DAP               | 56286         | 18.22          | 47.22               |                | 102.22         |                 |
| 00-00-60               | 'MOP               | 56287         |                |                     | 60.72          | 101.2          |                 |
| 18-46-00               | 'DAP               | 56296         | 17.99          | 45.4                |                | 99.07          |                 |
| 21-00-00               | 'AS                | 56297         | 21.24          |                     |                | 101.14         | *               |
| 00-00-60               | 'MOP               | 56306         |                |                     | 61.6           | 102.67         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand            | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60               | 'MOP             | 56307         |                |                     | 59.4           | 99             |                 |
| 46-00-00               | 'Urea            | 56308         | 46.13          |                     |                | 100.28         |                 |
| 00-00-60               | 'MOP             | 56309         |                |                     | 60.45          | 100.75         |                 |
| 46-00-00               | 'UREA            | 56310         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP             | 56311         | 18.02          | 46.13               |                | 100.23         |                 |
| 21-00-00               | 'AS              | 56392         | 21.06          |                     |                | 100.29         | *               |
| 18-46-00               | 'DAP             | 56404         | 17.93          | 46.49               |                | 100.63         |                 |
| 18-46-00               | 'DAP             | 56405         | 17.76          | 45.64               |                | 99.05          |                 |
| 18-46-00               | 'DAP             | 56406         | 17.84          | 45.32               |                | 98.7           |                 |
| 18-46-00               | 'DAP             | 56407         | 17.63          | 45.95               |                | 99.31          |                 |
| 00-00-60               | 'MP              | 56408         |                |                     | 59.49          | 99.15          |                 |
| 16-1-00                | 'Symtrx          | 56409         | 17.12          | 1.33                |                | 108.4          | *               |
| 46-00-00               | 'Urea            | 56410         | 46.08          |                     |                | 100.17         |                 |
| 00-00-60               | 'MP              | 56411         |                |                     | 59.82          | 99.7           |                 |
| 18-46-00               | 'DAP             | 56452         | 18.19          | 45.6                |                | 99.71          |                 |
| 46-00-00               | 'Urea            | 56453         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60               | 'MOP             | 56454         |                |                     | 61.14          | 101.9          |                 |
| 00-00-60               | 'MP              | 56493         |                |                     | 59.85          | 99.75          |                 |
| 00-00-60               | 'MP              | 56494         |                |                     | 59.65          | 99.42          |                 |
| 46-00-00               | 'Urea            | 56508         | 46.11          |                     |                | 100.24         |                 |
| 00-00-60               | 'MOP             | 56509         |                |                     | 62.08          | 103.47         |                 |
| 00-00-60               | 'MOP             | 56510         |                |                     | 60.91          | 101.52         |                 |
| 18-46-00               | 'DAP             | 56511         | 17.85          | 46.94               |                | 101.18         |                 |
| 32-3-8                 | 'Southern States | 56512         | 31.04          | 4.74                | 8.56           | 102.49         | *               |
| 18-46-00               | 'DAP             | 56513         | 17.35          | 45.63               |                | 98.35          |                 |
| 00-00-60               | 'MOP             | 56514         |                |                     | 61.64          | 102.73         |                 |
| 46-00-00               | 'Urea            | 56515         | 46.17          |                     |                | 100.37         |                 |
| 18-46-00               | 'DAP             | 56530         | 17.21          | 44.90               |                | 97.01          |                 |
| 00-00-60               | 'MOP             | 56531         |                |                     | 59.54          | 99.23          |                 |
| 18-46-00               | 'DAP             | 56726         | 17.45          | 45.94               |                | 98.99          |                 |
| 00-00-60               | 'MOP             | 56727         |                |                     | 59.67          | 99.45          |                 |
| 18-46-00               | 'DAP             | 56728         | 17.91          | 46.17               |                | 100.11         |                 |
| 46-00-00               | 'Urea            | 56729         | 46.09          |                     |                | 100.2          |                 |
| 18-46-00               | 'DAP             | 56751         | 17.53          | 45.28               |                | 98.12          |                 |
| 12-40-00               | 'MES10           | 56752         | 11.86          | 40.39               |                | 100.44         | *               |
| 46-00-00               | 'Urea            | 56753         | 46.06          |                     |                | 100.13         |                 |
| 46-00-00               | 'Urea            | 56754         | 46.12          |                     |                | 100.26         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand   | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|---------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60               | 'MOP    | 56755         |                |                     | 61.34          | 102.23         |                 |
| 18-46-00               | 'DAP    | 56762         | 17.08          | 46.19               |                | 98.75          |                 |
| 16-1-00                | 'Symtrx | 56763         | 16.97          | 1.73                |                | 109.67         | *               |
| 46-00-00               | 'Urea   | 56764         | 46.07          |                     |                | 100.15         |                 |
| 00-00-60               | 'MP     | 56765         |                |                     | 60.56          | 100.93         |                 |
| 21-00-00               | 'AS     | 56766         | 20.25          |                     |                | 96.43          | *               |
| 00-00-60               | 'MP     | 56767         |                |                     | 60.82          | 101.37         |                 |
| 00-00-60               | 'MP     | 56768         |                |                     | 60.9           | 101.5          |                 |
| 00-00-60               | 'MOP    | 56812         |                |                     | 60.6           | 101            |                 |
| 18-46-00               | 'DAP    | 56817         | 17.82          | 45.56               |                | 99.03          |                 |
| 46-00-00               | 'Urea   | 56888         | 46.07          |                     |                | 100.15         |                 |
| 00-00-60               | 'MOP    | 56889         |                |                     | 60.37          | 100.62         |                 |
| 18-46-00               | 'DAP    | 56890         | 17.54          | 45.86               |                | 99.02          |                 |
| 00-00-50               | 'SOP    | 56891         |                |                     | 50.55          | 101.1          |                 |
| 11-52-00               | 'MAP    | 56892         | 11.39          | 50.61               |                | 98.5           |                 |
| 12-40-00               | 'MEZ    | 56893         | 11.96          | 40.42               |                | 100.71         | *               |
| 20-00-00               | 'AS     | 56894         | 20.55          |                     |                | 100.24         | *               |
| 18-46-00               | 'DAP    | 56895         | 17.67          | 47.11               |                | 101.14         |                 |
| 00-00-60               | 'MP     | 56896         |                |                     | 60.67          | 101.12         |                 |
| 00-00-60               | 'MP     | 56897         |                |                     | 60.41          | 100.68         |                 |
| 18-46-00               | 'DAP    | 56898         | 17.49          | 46.44               |                | 99.82          |                 |
| 00-00-60               | 'MP     | 56899         |                |                     | 60.55          | 100.92         |                 |
| 00-00-50               | 'SP     | 56900         |                |                     | 50.87          | 101.74         |                 |
| 46-00-00               | 'Urea   | 56901         | 46.05          |                     |                | 100.11         |                 |
| 46-00-00               | 'Urea   | 56926         | 46.12          |                     |                | 100.26         |                 |
| 16-1-00                | 'SymTRX | 56968         | 17.21          | 1.25                |                | 108.5          | *               |
| 18-46-00               | 'DAP    | 56969         | 17.36          | 46.2                |                | 99.24          |                 |
| 00-00-60               | 'MP     | 56970         |                |                     | 61.79          | 102.98         |                 |
| 00-00-50               | 'SP     | 56971         |                |                     | 51.55          | 103.1          |                 |
| 00-00-60               | 'MP     | 56972         | 2.68           | 7.67                | 48.92          | 105.68         |                 |
| 18-46-00               | 'DAP    | 56973         | 17.79          | 46.77               |                | 100.82         |                 |
| 46-00-00               | 'Urea   | 56974         | 46.02          |                     |                | 100.04         |                 |
| 46-00-00               | 'Urea   | 56975         | 45.93          |                     |                | 99.85          |                 |
| 00-00-60               | 'MP     | 56976         |                |                     | 60.07          | 100.12         |                 |
| 00-00-60               | 'MP     | 56977         |                |                     | 60.43          | 100.72         |                 |
| 18-46-00               | 'DAP    | 56978         | 17.79          | 46.07               |                | 99.76          |                 |
| 18-46-00               | 'DAP    | 56979         | 17.24          | 45.88               |                | 98.55          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand                                       | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|---------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 46-00-00               | 'Urea                                       | 56980         | 46.19          |                     |                | 100.41         |                 |
| 46-00-00               | 'Urea                                       | 56981         | 46.08          |                     |                | 100.17         |                 |
| 46-00-00               | 'Urea                                       | 56982         | 45.98          |                     |                | 99.96          |                 |
| 46-00-00               | 'Urea                                       | 57021         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60               | 'MP                                         | 57022         |                |                     | 60.55          | 100.92         |                 |
| 16-1-00                | 'SymTRX                                     | 57023         | 17.38          | 1.25                |                | 109.51         | *               |
| 46-00-00               | 'Urea                                       | 57024         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60               | 'MP                                         | 57047         |                |                     | 59.6           | 99.33          |                 |
| 18-46-00               | 'DAP                                        | 57048         | 17.49          | 45.1                |                | 97.78          |                 |
| 46-00-00               | 'Urea                                       | 57049         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP                                        | 57136         | 17.00          | 46.7                |                | 99.4           |                 |
| 18-46-00               | 'DAP                                        | 57137         | 17.28          | 46.25               |                | 99.18          |                 |
| 00-00-50               | 'SOP                                        | 57138         |                |                     | 49.65          | 99.3           |                 |
| 46-00-00               | 'Urea                                       | 57139         | 46.12          |                     |                | 100.26         |                 |
| 00-00-60               | 'MOP                                        | 57140         |                |                     | 60.35          | 100.58         |                 |
| 46-00-00               | 'Urea                                       | 57151         | 45.90          |                     |                | 99.78          |                 |
| 18-46-00               | 'DAP                                        | 57152         | 16.89          | 46.92               |                | 99.55          |                 |
| 18-46-00               | 'DAP                                        | 57153         | 17.69          | 44.84               |                | 97.72          |                 |
| 00-00-60               | 'MOP                                        | 57154         |                |                     | 59.89          | 99.82          |                 |
| 46-00-00               | 'Urea                                       | 57228         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60               | 'MOP                                        | 57229         |                |                     | 59.9           | 99.83          |                 |
| 18-46-00               | 'DAP                                        | 57230         | 17.73          | 46.37               |                | 100.11         |                 |
| 19-19-19               | 'Southern States                            | 57232         | 19.29          | 19.38               | 20.28          | 103.04         |                 |
| 18-46-00               | 'DAP                                        | 57289         | 17.81          | 45.99               |                | 99.67          |                 |
| 16-1-00                | 'SymTRX                                     | 57290         | 16.65          | 1.54                |                | 106.75         | *               |
| 00-00-7                | 'Professional Turf Fertilizer Fairway Grade | 57291         |                |                     | 5.54           | 79.14          |                 |
| 24-00-11               | 'Professional Turf Fertilizer Fairway Grade | 57292         | 22.18          |                     | 9.66           | 91.34          | *               |
| 15-5-10                | 'Professional Turf Fertilizer Fairway Grade | 57293         | 14.62          | 4.87                | 9.01           | 95.58          | *               |
| 34-00-00               | 'Super Kicker Plus                          | 57296         | 33.78          |                     |                | 99.35          | *               |
| 19-19-19               | '19-19-19                                   | 57297         | 18.61          | 19.04               | 19.35          | 99.76          |                 |
| 18-46-00               | 'DAP                                        | 57333         | 17.88          | 46.83               |                | 101.06         |                 |
| 18-46-00               | 'DAP                                        | 57334         | 17.76          | 46.59               |                | 100.5          |                 |
| 00-00-60               | 'MOP                                        | 57335         |                |                     | 61.95          | 103.25         |                 |
| 00-00-50               | 'SOP                                        | 57338         |                |                     | 50.29          | 100.58         |                 |
| 18-46-00               | 'DAP                                        | 57339         | 17.67          | 45.37               |                | 98.49          |                 |
| 00-00-60               | 'MOP                                        | 57340         |                |                     | 58.85          | 98.08          |                 |
| 16-1-00                | 'SymTRX                                     | 57405         | 17.33          | 1.25                |                | 109.21         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                          | Brand              | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------------|--------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 19-19-19                                        | '19-19-19          | 57425         | 19.10          | 19.9                | 19.06          | 101.96         |                 |
| 46-00-00                                        | 'Urea              | 57489         | 46.11          |                     |                | 100.24         |                 |
| 46-00-00                                        | 'Urea              | 57490         | 46.04          |                     |                | 100.09         |                 |
| 16-1-00                                         | 'SymTRX            | 57491         | 17.47          | 1.39                |                | 110.79         | *               |
| 00-00-60                                        | 'MP                | 57492         |                |                     | 60.16          | 100.27         |                 |
| 18-46-00                                        | 'DAP               | 57493         | 17.47          | 47.42               |                | 101.27         |                 |
| 18-46-00                                        | 'DAP               | 57494         | 16.96          | 46.92               |                | 99.66          |                 |
| 00-00-22                                        | 'Kmag              | 57495         |                |                     | 22.11          | 100.5          | *               |
| 00-00-50                                        | 'SOP               | 57523         |                |                     | 52.69          | 105.38         |                 |
| 00-00-22                                        | 'Kmag              | 57524         |                |                     | 23.09          | 104.95         | *               |
| 00-00-60                                        | 'MOP               | 57525         |                |                     | 62.19          | 103.65         |                 |
| 18-46-00                                        | 'DAP               | 57526         | 17.81          | 46.92               |                | 101.08         |                 |
| 46-00-00                                        | 'Urea              | 57527         | 46.20          |                     |                | 100.43         |                 |
| 00-00-50                                        | 'SOP               | 57545         |                |                     | 49.97          | 99.94          |                 |
| 00-00-60                                        | 'MOP               | 57546         |                |                     | 61.4           | 102.33         |                 |
| 18-46-00                                        | 'DAP               | 57547         | 17.76          | 45.83               |                | 99.34          |                 |
| 18-46-00                                        | 'DAP               | 57548         | 17.84          | 47.17               |                | 101.51         |                 |
| 34-00-00                                        | 'SS                | 57645         | 32.72          |                     |                | 96.24          | *               |
| 16-1-00                                         | 'SymTRX            | 57703         | 17.25          | 1.26                |                | 108.79         | *               |
| 46-00-00                                        | 'Urea              | 57704         | 46.03          |                     |                | 100.07         |                 |
| 00-00-60                                        | 'MOP               | 57705         |                |                     | 61.45          | 102.42         |                 |
| 00-00-50                                        | 'SOP               | 57706         |                |                     | 51.04          | 102.08         |                 |
| 18-46-00                                        | 'DAP               | 57707         | 17.67          | 46.43               |                | 100.1          |                 |
| 34-00-00                                        | 'Super Kicker Plus | 57725         | 33.37          |                     |                | 98.15          | *               |
| 16-1-00                                         | 'SymTRX            | 57786         | 17.07          | 1.49                |                | 108.97         | *               |
| 46-00-00                                        | 'Urea              | 57794         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00                                        | 'DAP               | 57795         | 17.96          | 45.42               |                | 99.05          |                 |
| 00-00-60                                        | 'MOP               | 57796         |                |                     | 60.31          | 100.52         |                 |
| 32-00-00                                        | 'UAN32             | 57811         | 32.39          |                     |                | 101.22         |                 |
| 28-00-00                                        |                    | 57813         | 27.78          |                     |                | 98.58          | *               |
| 28-00-00                                        |                    | 57814         | 28.15          |                     |                | 99.89          | *               |
| 28-00-00                                        |                    | 57815         | 27.57          |                     |                | 98.04          | *               |
| 32-00-00                                        | 'UAN 32            | 57816         | 31.86          |                     |                | 99.56          |                 |
| 32-00-00                                        | 'UAN 32            | 57817         | 32.19          |                     |                | 100.59         |                 |
| Southern States - Russellville Russellville ,KY |                    |               |                |                     |                |                |                 |
| 6-28-22                                         |                    | 55632         | 5.96           | 27.09               | 22.27          | 98.89          | *               |
| 6-28-22                                         |                    | 55633         | 6.19           | 28.28               | 21.42          | 100.52         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                                           | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 6-28-22                                                          |       | 55634         | 5.83           | 27.57               | 22.37          | 99.71          | *               |
| 6-28-22                                                          |       | 55635         | 5.83           | 28.28               | 22.09          | 100.71         | *               |
| 6-28-22                                                          |       | 55636         | 5.93           | 28.74               | 21.39          | 100.82         | *               |
| Southern States - Russellville Fertilizer Plant Russellville ,KY |       |               |                |                     |                |                |                 |
| 7-18-28                                                          |       | 55467         | 6.74           | 17.42               | 28.63          | 99.75          | *               |
| 7-18-28                                                          |       | 55468         | 6.86           | 17.38               | 28             | 98.96          | *               |
| 7-18-28                                                          |       | 55469         | 6.97           | 18.42               | 27.51          | 100.63         | *               |
| 7-17-28                                                          |       | 55470         | 6.62           | 17.19               | 28.07          | 99.65          | *               |
| 7-17-28                                                          |       | 55471         | 6.67           | 17.22               | 27.92          | 99.6           | *               |
| Southern States - Shelbyville Shelbyville ,KY                    |       |               |                |                     |                |                |                 |
| 9-15-27                                                          |       | 55487         | 9.23           | 15.63               | 27.55          | 102.01         | *               |
| 9-15-27                                                          |       | 55488         | 9.11           | 15.30               | 27.67          | 101.07         | *               |
| 23-0-15                                                          |       | 56382         | 23.97          | 0.69                | 15.25          | 104.2          | *               |
| 7-19-33                                                          |       | 56383         | 7.48           | 19.05               | 33.15          | 101.35         | *               |
| 27-7-9                                                           |       | 56384         | 27.85          | 7.12                | 9.84           | 101.68         | *               |
| 20-10-10                                                         |       | 56385         | 20.12          | 10.22               | 10.43          | 101.26         |                 |
| 12-31-20                                                         |       | 56386         | 11.96          | 30.56               | 21.61          | 101.75         |                 |
| 7-19-33                                                          |       | 56387         | 7.42           | 19.04               | 33.45          | 101.65         | *               |
| 23-1-00                                                          |       | 56388         | 23.40          | 1.4                 |                | 105.67         | *               |
| 13-13-13                                                         |       | 57331         | 12.70          | 12.79               | 14.13          | 102.11         |                 |
| 19-19-19                                                         |       | 57332         | 19.52          | 19.98               | 20.55          | 103.02         |                 |
| 19-0-15                                                          |       | 57336         | 19.90          | 0.64                | 16.85          | 105.99         | *               |
| 13-13-15                                                         |       | 57337         | 12.59          | 13.32               | 17.18          | 106.47         | *               |
| Southern States - Somerset Somerset ,KY                          |       |               |                |                     |                |                |                 |
| 22-12-22                                                         |       | 56483         | 21.90          | 12.42               | 23.63          | 103.53         |                 |
| 19-19-19                                                         |       | 56484         | 19.25          | 20.57               | 20.83          | 103.91         |                 |
| 26-00-26                                                         |       | 56485         | 25.05          |                     | 26.53          | 100.17         |                 |
| 33-8-11                                                          |       | 56486         | 32.30          | 8.77                | 11.22          | 100.7          |                 |
| 19-19-19                                                         |       | 56487         | 19.34          | 20.13               | 20.14          | 102.37         |                 |
| 21-11-21                                                         |       | 56488         | 21.26          | 11.27               | 23.08          | 103.01         | *               |
| 22-00-22                                                         |       | 56489         | 22.49          |                     | 21.33          | 101.55         |                 |
| 22-00-22                                                         |       | 56490         | 21.50          |                     | 20.36          | 97.01          |                 |
| 30-10-13                                                         |       | 56491         | 29.76          | 10.52               | 14.01          | 102.22         |                 |
| 19-19-19                                                         |       | 56492         | 19.34          | 19.35               | 20.63          | 101.61         |                 |
| Southern States - Springfield Springfield ,KY                    |       |               |                |                     |                |                |                 |
| 38-00-11                                                         |       | 57406         | 36.45          |                     | 12.73          | 100.29         |                 |
| 38-00-00                                                         |       | 57407         | 38.95          |                     |                | 101.38         | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                      | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|---------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 22-8-20                                     |       | 57408         | 22.95          | 7.735               | 20.45          | 100.68         | *               |
| 22-8-20                                     |       | 57409         | 23.12          | 8.18                | 19.85          | 101.08         | *               |
| 22-8-20                                     |       | 57410         | 23.24          | 8.27                | 20.17          | 102.04         | *               |
| 19-9-22                                     |       | 57411         | 16.48          | 7.195               | 25.74          | 98.06          | *               |
| 19-9-22                                     |       | 57412         | 17.98          | 8.1                 | 23.93          | 100.77         | *               |
| 19-9-22                                     |       | 57413         | 17.25          | 7.535               | 24.50          | 98.68          | *               |
| 19-9-22                                     |       | 57414         | 16.86          | 7.315               | 24.44          | 97.34          | *               |
| 19-9-22                                     |       | 57415         | 17.40          | 7.86                | 23.87          | 98.93          | *               |
| Southern States - Stanford Stanford ,KY     |       |               |                |                     |                |                |                 |
| 21-10-20                                    |       | 56190         | 20.77          | 9.99                | 20.92          | 101.13         | *               |
| 22-11-22                                    |       | 56191         | 21.79          | 11.27               | 23.89          | 101.8          |                 |
| 18-7-26                                     |       | 56192         | 18.16          | 6.94                | 28.54          | 104.3          | *               |
| 24-10-20                                    |       | 56193         | 24.12          | 11.29               | 20.46          | 102.04         |                 |
| 24-10-20                                    |       | 56194         | 24.24          | 10.34               | 20.84          | 101            |                 |
| 21-10-20                                    |       | 56195         | 20.98          | 10.52               | 21.45          | 104.42         | *               |
| 9-00-48                                     |       | 56196         | 7.853          |                     | 50.54          | 100.84         |                 |
| 22-11-22                                    |       | 56885         | 22.02          | 11.54               | 21.86          | 99.91          |                 |
| 19-19-19                                    |       | 56886         | 19.26          | 19.25               | 19.12          | 99.24          |                 |
| 19-19-19                                    |       | 56887         | 19.66          | 18.87               | 19.23          | 99.5           |                 |
| Southern States - Warsaw Owenton ,KY        |       |               |                |                     |                |                |                 |
| 27-14-14                                    |       | 56389         | 26.65          | 14.73               | 14.9           | 102.56         |                 |
| 28-6-20                                     |       | 56390         | 27.51          | 5.85                | 21.07          | 102.4          |                 |
| 24-17-15                                    |       | 56391         | 23.71          | 17.53               | 16.15          | 102.9          |                 |
| 12-5-20                                     |       | 57341         | 12.23          | 5.21                | 19.84          | 100.33         |                 |
| 12-5-20                                     |       | 57342         | 11.97          | 4.82                | 20.24          | 98.83          |                 |
| 7-18-36                                     |       | 57343         | 7.37           | 18.89               | 36.8           | 102.35         |                 |
| 7-18-36                                     |       | 57344         | 7.37           | 19.47               | 35.91          | 102.26         |                 |
| 19-19-19                                    |       | 57345         | 19.07          | 19.19               | 19.82          | 99.68          |                 |
| 12-5-20                                     |       | 57346         | 11.98          | 5.33                | 20.6           | 101.19         |                 |
| 12-5-20                                     |       | 57347         | 12.15          | 5.22                | 20.85          | 102.06         |                 |
| 12-5-20                                     |       | 57348         | 12.11          | 5.06                | 20.81          | 101.46         |                 |
| Southern States - Winchester Winchester ,KY |       |               |                |                     |                |                |                 |
| 35-00-13                                    |       | 57221         | 34.42          |                     | 12.93          | 99.59          | *               |
| 35-00-13                                    |       | 57222         | 33.21          |                     | 14.52          | 99.25          | *               |
| 35-00-13                                    |       | 57223         | 33.31          |                     | 14.94          | 100.13         | *               |
| 19-19-19                                    |       | 57224         | 19.98          | 18.84               | 18.5           | 99.11          |                 |
| 19-19-19                                    |       | 57225         | 19.83          | 19.76               | 18.26          | 100.17         |                 |

Highlighted values are deficient.

\* Refer to Table 3



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                                     | Brand            | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------------------------|------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 6-16-29                                                    |                  | 57226         | 6.62           | 16.65               | 30.5           | 103.64         | *               |
| 6-16-29                                                    |                  | 57227         | 6.61           | 16.89               | 28.23          | 100.43         | *               |
| 35-00-13                                                   |                  | 57287         | 33.60          |                     | 13.51          | 98.63          | *               |
| 35-00-13                                                   |                  | 57288         | 34.47          |                     | 12.35          | 98.85          | *               |
| Southern States Winchester Fertilizer Plant Winchester ,KY |                  |               |                |                     |                |                |                 |
| 10-10-10                                                   | 'Southern States | 55132         | 10.37          | 10.71               | 9.86           | 103.53         | *               |
| 10-10-10                                                   | 'SS              | 55146         | 9.72           | 10.35               | 9.66           | 99.17          |                 |
| 24-5-11                                                    | '24-5-11         | 55278         | 23.70          | 6.20                | 9.88           | 99.96          | *               |
| 12-24-24                                                   | '12-24-24        | 55279         | 12.08          | 24.84               | 23.87          | 101.47         |                 |
| 19-19-19                                                   | '19-19-19        | 55343         | 18.11          | 20.09               | 20.73          | 102.4          |                 |
| 15-15-15                                                   | 'SS 15-15-15     | 55919         | 14.75          | 16.71               | 15.52          | 104.28         |                 |
| 10-10-10                                                   | 'SS 10-10-10     | 55920         | 9.70           | 10.57               | 10.71          | 102.69         |                 |
| 5-20-20                                                    | 'SS              | 55942         | 7.92           | 20.29               | 19.44          | 107.69         |                 |
| 16-1-00                                                    | 'SS              | 55943         | 16.14          | 1.44                |                | 103.2          | *               |
| 19-19-19                                                   | 'SS              | 55944         | 20.09          | 19.69               | 18.88          | 103.34         |                 |
| 10-10-10                                                   | 'SS              | 55945         | 10.15          | 9.92                | 10.03          | 100.38         |                 |
| 46-00-00                                                   | 'SS              | 55946         | 46.02          |                     |                | 100.04         |                 |
| 10-10-10                                                   | 'SS              | 56055         | 10.37          | 10.51               | 10.80          | 105.31         |                 |
| 19-19-19                                                   | 'SS              | 56063         | 20.20          | 18.41               | 19.34          | 101.82         |                 |
| 10-10-10                                                   | 'SS              | 56070         | 12.40          | 10.82               | 11.83          | 116.94         |                 |
| 19-19-19                                                   | 'SS              | 56173         | 19.04          | 19.79               | 19.75          | 102.57         |                 |
| 19-19-19                                                   | 'SS              | 56174         | 18.85          | 20.57               | 19.63          | 103.47         |                 |
| 5-20-20                                                    | 'SS              | 56175         | 7.65           | 20.76               | 19.73          | 108.65         |                 |
| 10-10-10                                                   | 'SS              | 56221         | 9.20           | 11.05               | 11.45          | 104.36         |                 |
| 19-19-19                                                   | 'SS              | 56222         | 18.82          | 20.33               | 20.65          | 104.35         |                 |
| 00-00-60                                                   | 'MP              | 56933         |                |                     | 59.77          | 99.62          |                 |
| 10-10-10                                                   | 'SS              | 57010         | 8.38           | 9.9                 | 11.07          | 96.13          |                 |
| 19-19-19                                                   | 'SS              | 57011         | 19.43          | 20.02               | 18.24          | 101.74         |                 |
| 18-46-00                                                   | 'DAP             | 57028         | 18.10          | 45.69               |                | 99.7           |                 |
| 19-19-19                                                   | 'SS              | 57269         | 19.54          | 20.39               | 19.79          | 104.76         |                 |
| 5-20-20                                                    | 'SS              | 57270         | 8.09           | 20.11               | 21.63          | 111.7          |                 |
| 19-19-19                                                   | 'SS              | 57507         | 19.39          | 21.87               | 19.27          | 106.5          |                 |
| 5-10-15                                                    | 'SS              | 57509         | 4.78           | 10.35               | 16.68          | 107.15         |                 |
| 10-10-10                                                   | 'SS              | 57643         | 10.54          | 12.07               | 10.83          | 111.56         |                 |
| 19-19-19                                                   | 'SS              | 57644         | 19.13          | 20.27               | 19.99          | 103.98         |                 |
| 5-20-20                                                    | 'SS              | 57646         | 7.74           | 20.16               | 20.3           | 108.44         |                 |
| 10-10-10                                                   | 'SS              | 57647         | 10.42          | 10.56               | 11.07          | 106.38         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade             | Brand             | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------|-------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 19-19-19                           | 'SS               | 57648         | 20.39          | 19.62               | 18.64          | 103.5          |                 |
| 10-10-10                           | 'SS               | 57651         | 9.96           | 10.78               | 9.77           | 102.01         |                 |
| 19-19-19                           | 'SS               | 57652         | 19.51          | 19.98               | 19.86          | 104.04         |                 |
| 10-20-20                           | 'SS               | 57653         | 10.81          | 21.75               | 20.7           | 106.91         |                 |
| 00-25-25                           | 'SS               | 57654         |                | 25.35               | 25.23          | 101.2          |                 |
| 00-10-30                           | 'SS               | 57673         |                | 11.21               | 31.03          | 106.14         | *               |
| 6-24-24                            | 'SS               | 57674         | 9.45           | 25.13               | 23.8           | 109.9          |                 |
| 10-10-10                           | 'SS               | 57675         | 10.17          | 11.32               | 11.36          | 108.84         | *               |
| 10-10-10                           | 'SS               | 57722         | 11.29          | 11.81               | 11.31          | 114.79         |                 |
| 10-10-10                           | 'SS               | 57723         | 10.21          | 10.22               | 12.36          | 107.7          |                 |
| 19-19-19                           | 'SS               | 57724         | 20.53          | 18.4                | 19.37          | 102.51         |                 |
| 11-00-14                           | '11-0-14 w/14%S   | 57758         | 12.42          |                     | 14.4           | 108.29         | *               |
| 11-00-14                           | '11-0-14 w/14%S   | 57759         | 12.27          |                     | 14.83          | 108.97         | *               |
| 19-14-19                           | '19-14-19 w/2.5%S | 57760         | 19.56          | 14.36               | 18.79          | 101.68         | *               |
| 00-10-30                           | 'SS               | 57761         |                | 11.1                | 31.79          | 107.54         | *               |
| 9-18-27                            | 'SS               | 57762         | 8.58           | 17.82               | 28.75          | 101.34         |                 |
| 10-10-10                           | 'SS               | 57763         | 8.98           | 9.53                | 9.68           | 93.56          |                 |
| 19-19-19                           | 'SS               | 57764         | 19.50          | 19.59               | 19.4           | 102.66         |                 |
| 00-10-30                           | 'SS               | 57765         |                | 10.99               | 30.57          | 104.4          | *               |
| 10-10-10                           | 'SS               | 57766         | 9.06           | 9.577               | 9.34           | 93.19          |                 |
| Stanley Crop Service Owensboro ,KY |                   |               |                |                     |                |                |                 |
| 00-46-00                           | 'TSP              | 55402         |                | 45.85               |                | 99.67          |                 |
| 00-00-60                           | 'MP               | 55403         |                |                     | 60.77          | 101.28         |                 |
| 00-00-60                           | 'MP               | 55404         |                |                     | 60.26          | 100.43         |                 |
| 00-46-00                           | 'TSP              | 55405         |                | 45.64               |                | 99.22          |                 |
| 18-46-00                           | 'DAP              | 55406         | 17.62          | 45.21               |                | 98.16          |                 |
| 00-46-00                           | 'TSP              | 55407         |                | 45.25               |                | 98.37          |                 |
| 00-21-32                           |                   | 55538         |                | 20.97               | 32.85          | 100.35         |                 |
| 00-23-30                           |                   | 55539         |                | 23.96               | 30.24          | 102.49         |                 |
| 00-23-30                           |                   | 55540         |                | 23.7                | 30             | 101.52         |                 |
| 00-23-30                           |                   | 55541         |                | 23.66               | 29.87          | 101.22         |                 |
| 00-23-30                           |                   | 55542         |                | 23.89               | 29.74          | 101.5          |                 |
| 00-23-30                           |                   | 55543         |                | 23.23               | 30.33          | 101.05         |                 |
| 00-23-30                           |                   | 55544         |                | 22.87               | 30.2           | 100.05         |                 |
| 00-23-30                           |                   | 55545         |                | 24.19               | 29.66          | 102.02         |                 |
| 00-23-30                           |                   | 55546         |                | 23.36               | 30.58          | 101.75         |                 |
| 00-23-30                           |                   | 55547         |                | 23.83               | 29.63          | 101.19         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                         | Brand                                                 | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------------------------------|-------------------------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-23-30                                       |                                                       | 55548         |                | 23.62               | 30.3           | 101.85         |                 |
| 00-23-30                                       |                                                       | 55549         |                | 23.81               | 29.69          | 101.24         |                 |
| 20-00-00                                       | 'AS                                                   | 56855         | 20.68          |                     |                | 100.88         | *               |
| 18-46-00                                       | 'DAP                                                  | 56856         | 17.86          | 45.6                |                | 99.16          |                 |
| 00-00-60                                       | 'MP                                                   | 56857         |                |                     | 60.89          | 101.48         |                 |
| 00-00-60                                       | 'MP                                                   | 56858         |                |                     | 61.96          | 103.27         |                 |
| 00-00-60                                       | 'MP                                                   | 56859         |                |                     | 60.19          | 100.32         |                 |
| 18-46-00                                       | 'DAP                                                  | 56860         | 17.78          | 46.1                |                | 99.78          |                 |
| 18-46-00                                       | 'DAP                                                  | 56861         | 17.96          | 45.81               |                | 99.64          |                 |
| 46-00-00                                       | 'Urea                                                 | 56862         | 46.06          |                     |                | 100.13         |                 |
| 00-00-50                                       | 'SP                                                   | 56863         |                |                     | 51.73          | 103.46         |                 |
| 7-23-6                                         | 'Starter 6-22-5-4S-0.43Zn                             | 56865         | 6.86           | 22.76               | 5.81           | 100.62         | *               |
| Sun Bulb Company, INC. Arcadia ,FL             |                                                       |               |                |                     |                |                |                 |
| 11-35-15                                       | 'Orchid Better Bloom                                  | 56801         | 11.91          | 36.24               | 15.16          | 104.06         | *               |
| 10-6-8                                         | 'Dynamite Cactus and Succulent Food                   | 57157         | 18.76          | 6.6                 | 9.03           | 148.04         | *               |
| Swiss Farms Products Las Vegas ,NV             |                                                       |               |                |                     |                |                |                 |
| 12-6-10                                        | 'Vigoro Rose Food                                     | 55180         | 12.49          | 6.47                | 9.81           | 103.25         | *               |
| 10-8-8                                         | 'Vigoro Azalea Camellia and Rhododendron Food         | 55181         | 10.15          | 8.43                | 8.68           | 104.34         | *               |
| 12-10-5                                        | 'Vigoro Tomato & Vegetable Garden Plus Calcium        | 56427         | 12.60          | 9.97                | 5.3            | 103.16         | *               |
| 29-00-3                                        | 'Vigoro Weed & Feed                                   | 56428         | 29.28          |                     | 2.81           | 100.49         |                 |
| 12-10-5                                        | 'Vigoro Tomato and Veg Garden Plant Food Plus Calcium | 57158         | 11.23          | 8.66                | 5.46           | 93.11          | *               |
| Tennessee Farmers Coop - Lavergne LaVergne ,TN |                                                       |               |                |                     |                |                |                 |
| 10-10-10                                       | 'Co-Op 10-10-10                                       | 55215         | 10.29          | 11.04               | 10.04          | 104.78         |                 |
| 19-19-19                                       | 'Co-Op 19-19-19                                       | 55216         | 20.20          | 19.67               | 18.56          | 103.14         |                 |
| 00-00-60                                       | 'MOP                                                  | 55843         |                |                     | 58.90          | 98.17          |                 |
| 18-46-00                                       | 'DAP                                                  | 55844         | 18.04          | 46.25               |                | 100.45         |                 |
| 19-19-19                                       | '19-19-19                                             | 55845         | 19.88          | 19.90               | 18.43          | 102.69         |                 |
| 10-10-10                                       | '10-10-10                                             | 55846         | 10.32          | 9.65                | 9.69           | 99.2           |                 |
| 15-15-15                                       | 'Co-Op 15-15-15                                       | 56403         | 15.27          | 15.34               | 15.6           | 102.53         |                 |
| 19-19-19                                       | 'Co-Op 19-19-19                                       | 56524         | 20.43          | 20.3                | 18.77          | 105.02         |                 |
| 10-10-10                                       | 'Co-Op 10-10-10                                       | 56525         | 10.53          | 11.87               | 10.22          | 109.23         |                 |
| 6-24-24                                        | 'Co-Op 6-24-24                                        | 56526         | 10.00          | 25.69               | 23.93          | 112.52         |                 |
| 18-46-00                                       | 'DAP                                                  | 57520         | 18.30          | 47.49               |                | 102.77         |                 |
| 00-00-22                                       | 'Kmag                                                 | 57521         |                |                     | 22.11          | 100.5          | *               |
| 00-00-50                                       | 'SOP                                                  | 57522         |                |                     | 52.62          | 105.24         |                 |
| The Scotts Company Marysville ,OH              |                                                       |               |                |                     |                |                |                 |
| 32-00-10                                       | 'Turfbuilder Winterizer                               | 55191         | 33.16          |                     | 10.39          | 103.67         | *               |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                      | Brand                                   | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|---------------------------------------------|-----------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 11-2-2                                      | 'Scotts Natural Lawn Food               | 55472         | 12.45          | 2.85                | 1.71           | 114.15         | *               |
| 14-14-14                                    | 'Osmocote Flower & Vegetable            | 55907         | 14.14          | 14.31               | 14.33          | 101.78         |                 |
| 32-00-10                                    | 'Scotts Turf Builder Southern Lawn Food | 56376         | 32.26          |                     | 10.91          | 102.24         | *               |
| 27-00-2                                     | 'Scotts Green Max                       | 56377         | 27.63          |                     | 2.12           | 102.51         | *               |
| 32-00-4                                     | 'Scotts Turf Builder                    | 56426         | 32.78          |                     | 3.77           | 101.81         | *               |
| 24-25-4                                     | 'Scotts Turf Builder Starter            | 56431         | 24.74          | 23.68               | 4.11           | 99.21          |                 |
| 14-14-14                                    | 'Osmocote Flower & Vegetable            | 56432         | 14.72          | 14.42               | 14.75          | 104.44         |                 |
| 10-10-10                                    | 'All Purpose Flower and Vegetable       | 57001         | 11.16          | 10.88               | 11.91          | 112.55         | *               |
| 24-25-4                                     | 'Turf Builder Starter                   | 57002         | 24.25          | 23.69               | 4.55           | 98.83          |                 |
| 26-00-2                                     | 'Scotts Green Max                       | 57328         | 26.19          |                     | 1.67           | 99.89          | *               |
| Thomas Cayce Farm Supply, LLC Princeton ,KY |                                         |               |                |                     |                |                |                 |
| 18-46-00                                    | 'DAP                                    | 55209         | 17.75          | 45.49               |                | 98.8           |                 |
| 20-00-00                                    | 'AS                                     | 55210         | 20.29          |                     |                | 98.98          | *               |
| 18-46-00                                    | 'DAP                                    | 55211         | 17.79          | 45.60               |                | 99.04          |                 |
| 18-46-00                                    | 'DAP                                    | 55212         | 17.92          | 45.74               |                | 99.47          |                 |
| 00-00-60                                    | 'MP                                     | 55213         |                |                     | 59.74          | 99.57          |                 |
| 00-00-60                                    | 'MP                                     | 55214         |                |                     | 59.76          | 99.6           |                 |
| 34-00-00                                    | 'AN                                     | 55770         | 34.23          |                     |                | 102.18         |                 |
| 34-00-00                                    | 'AN                                     | 55771         | 34.10          |                     |                | 101.79         |                 |
| 18-46-00                                    | 'DAP                                    | 55772         | 17.43          | 44.76               |                | 97.16          |                 |
| 20-00-00                                    | 'AS                                     | 55773         | 19.85          |                     |                | 96.83          | *               |
| 18-46-00                                    | 'DAP                                    | 55774         | 18.16          | 45.39               |                | 99.34          |                 |
| 21-00-00                                    | 'AS                                     | 55775         | 20.78          |                     |                | 98.95          | *               |
| 00-00-60                                    | 'MOP                                    | 55776         |                |                     | 59.60          | 99.33          |                 |
| 00-00-60                                    | 'MOP                                    | 55777         |                |                     | 60.64          | 101.07         |                 |
| 00-00-22                                    | 'K-Mag                                  | 55778         |                |                     | 25.51          | 118.65         | *               |
| 00-00-50                                    | 'SOP                                    | 55779         |                |                     | 51.45          | 102.9          |                 |
| 8-20-25                                     |                                         | 56270         | 7.96           | 19.43               | 24.75          | 98.28          | *               |
| 8-20-25                                     |                                         | 56271         | 7.67           | 20.3                | 26.3           | 101.87         | *               |
| 13-16-20                                    |                                         | 56272         | 12.98          | 15.76               | 20.65          | 101.75         | *               |
| 13-16-20                                    |                                         | 56273         | 12.84          | 15.41               | 20.1           | 99.7           | *               |
| 21-14-14                                    |                                         | 56274         | 21.73          | 13.86               | 14.42          | 101.51         |                 |
| 18-46-00                                    | 'DAP                                    | 56656         | 17.82          | 46.14               |                | 99.91          |                 |
| 20-00-00                                    | 'AS                                     | 56657         | 20.72          |                     |                | 106.26         | *               |
| 18-46-00                                    | 'DAP                                    | 56658         | 17.79          | 45.62               |                | 99.07          |                 |
| 00-00-60                                    | 'MP                                     | 56659         |                |                     | 58.97          | 98.28          |                 |
| 00-00-60                                    | 'MP                                     | 56660         |                |                     | 59.67          | 99.45          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                       | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|----------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 13-16-20                                     |       | 56661         | 13.20          | 15.69               | 20.75          | 103.14         | *               |
| 13-16-20                                     |       | 56662         | 12.98          | 15.72               | 21.17          | 103.36         | *               |
| 22-17-11                                     |       | 56663         | 22.16          | 16.2                | 11.94          | 100.87         |                 |
| 13-22-21                                     |       | 56664         | 12.62          | 21.18               | 22.01          | 100.01         | *               |
| 13-22-21                                     |       | 56665         | 12.99          | 22.03               | 22.04          | 102.51         | *               |
| Tri-County Fertilizer Co., Inc. Richmond ,KY |       |               |                |                     |                |                |                 |
| 00-00-60 'mop                                |       | 56324         |                |                     | 60.85          | 101.42         |                 |
| 18-46-00 'dap                                |       | 56325         | 17.86          | 46.18               |                | 100.04         |                 |
| 46-00-00 'urea                               |       | 56326         | 46.02          |                     |                | 100.04         |                 |
| 46-00-00 'urea                               |       | 56327         | 46.08          |                     |                | 100.17         |                 |
| 19-19-19                                     |       | 56329         | 19.61          | 19.67               | 19.64          | 103.4          |                 |
| 32-10-10                                     |       | 56330         | 32.62          | 10.27               | 10.08          | 102.59         |                 |
| 32-23-00                                     |       | 57099         | 31.76          | 23.83               |                | 100.97         |                 |
| 19-19-19                                     |       | 57100         | 18.65          | 20.16               | 19.14          | 101.75         |                 |
| 19-19-19                                     |       | 57101         | 18.43          | 19.88               | 20.25          | 102.18         |                 |
| 19-19-19                                     |       | 57102         | 18.97          | 20.39               | 19.22          | 102.82         |                 |
| 7-18-37                                      |       | 57103         | 6.95           | 17.15               | 36.36          | 98.29          |                 |
| 9-23-30                                      |       | 57104         | 9.00           | 22.67               | 31.54          | 101.45         |                 |
| 9-23-30                                      |       | 57105         | 9.123          | 23.05               | 31.16          | 101.88         |                 |
| 19-19-19                                     |       | 57106         | 18.88          | 19.79               | 20.26          | 102.94         |                 |
| 00-00-60 'MOP                                |       | 57767         |                |                     | 60.07          | 100.12         |                 |
| 18-46-00 'DAP                                |       | 57768         | 17.98          | 47.58               |                | 102.37         |                 |
| 00-00-50 'SOP                                |       | 57769         |                |                     | 49.97          | 99.94          |                 |
| 46-00-00 'Urea                               |       | 57770         | 46.20          |                     |                | 100.43         |                 |
| Turf Care Supply Corporation Brunswick ,OH   |       |               |                |                     |                |                |                 |
| 22-00-4 'AMP XC 22 0 4                       |       | 55307         | 20.31          |                     | 5.26           | 101.45         | *               |
| 10-10-10 'Turf Care Supply 10-10-10          |       | 57827         | 9.79           | 10.18               | 10.76          | 101.79         |                 |
| Valley Fertilizer Company Edmonton ,KY       |       |               |                |                     |                |                |                 |
| 19-19-19                                     |       | 56242         | 20.23          | 20.39               | 19.22          | 103.3          |                 |
| 22-9-24                                      |       | 56243         | 22.42          | 9.52                | 24.31          | 101.98         |                 |
| 22-9-24                                      |       | 56244         | 22.29          | 9.6                 | 24.2           | 101.7          |                 |
| 23-17-17                                     |       | 56245         | 22.69          | 17.87               | 18.65          | 103.99         |                 |
| 19-19-19                                     |       | 56246         | 19.31          | 20.43               | 19.91          | 102.46         |                 |
| 28-00-10                                     |       | 56247         | 29.30          |                     | 9.24           | 101.32         |                 |
| 30-12-12                                     |       | 56248         | 29.60          | 12.46               | 12.9           | 102.36         |                 |
| 19-19-19                                     |       | 56249         | 19.75          | 20.55               | 19.45          | 102.94         |                 |
| 30-12-12                                     |       | 56250         | 30.63          | 12.23               | 12.23          | 103.13         |                 |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                                | Brand                                 | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-------------------------------------------------------|---------------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 27-14-13                                              |                                       | 56251         | 27.02          | 13.01               | 15.24          | 100.48         |                 |
| Voluntary Purchasing Group Bonham ,TX                 |                                       |               |                |                     |                |                |                 |
| 9-58-8                                                | 'Blooming and Root Soluble Plant Food | 56378         | 9.57           | 58.64               | 7.44           | 101.16         |                 |
| 00-00-60                                              | 'MOP                                  | 56381         |                |                     | 59.38          | 98.97          |                 |
| Warner Fertilizer - Albany Albany ,KY                 |                                       |               |                |                     |                |                |                 |
| 23-00-30                                              |                                       | 56631         | 22.66          |                     | 30.73          | 100.34         |                 |
| 19-19-19                                              |                                       | 56632         | 19.46          | 19.99               | 19.53          | 101.45         |                 |
| 19-19-19                                              |                                       | 56633         | 19.72          | 18.76               | 19.79          | 100.07         |                 |
| 18-18-18                                              |                                       | 56634         | 18.89          | 16.81               | 17.02          | 99.43          |                 |
| 22-10-15                                              |                                       | 56635         | 23.30          | 9.22                | 14.52          | 100.44         |                 |
| 18-11-22                                              |                                       | 56636         | 19.23          | 10.13               | 20.48          | 99.33          |                 |
| 28-13-13                                              |                                       | 56637         | 28.39          | 14.76               | 13.06          | 103.7          |                 |
| 19-19-19                                              |                                       | 56638         | 19.55          | 21.61               | 19.86          | 105.04         |                 |
| 28-13-13                                              |                                       | 56639         | 27.17          | 15.21               | 14.83          | 104.48         |                 |
| 19-19-19                                              |                                       | 56640         | 19.19          | 21.11               | 20.61          | 104.39         |                 |
| Warner Fertilizer - Campbellsville Campbellsville ,KY |                                       |               |                |                     |                |                |                 |
| 20-12-24                                              |                                       | 57071         | 19.82          | 12.16               | 25.02          | 100.69         |                 |
| 22-14-21                                              |                                       | 57428         | 21.65          | 13.95               | 23.99          | 104.95         |                 |
| 9-00-00                                               |                                       | 57430         | 9.21           | 25.12               | 29.08          | 572.24         |                 |
| 10-10-10                                              |                                       | 57431         | 10.56          | 9.205               | 9.29           | 93.29          |                 |
| 20-15-16                                              |                                       | 57432         | 20.40          | 15.23               | 13.02          | 97.11          |                 |
| 16-10-11                                              |                                       | 57433         | 16.54          | 10.74               | 10.99          | 100.75         | *               |
| 19-15-16                                              |                                       | 57434         | 19.14          | 13.66               | 16.51          | 99.37          | *               |
| 18-18-18                                              |                                       | 57747         | 19.10          | 16.11               | 16.6           | 97.89          |                 |
| 19-2-21                                               |                                       | 57750         | 18.68          | 2.61                | 21.74          | 101.98         |                 |
| 17-7-10                                               |                                       | 57751         | 17.37          | 7.37                | 9.79           | 101.51         | *               |
| Warner Fertilizer - Columbia Columbia ,KY             |                                       |               |                |                     |                |                |                 |
| 20-19-19                                              |                                       | 56642         | 19.38          | 19.39               | 21.04          | 102.31         |                 |
| 20-19-19                                              |                                       | 56643         | 19.29          | 19.61               | 20.61          | 101.95         |                 |
| 27-14-14                                              |                                       | 56644         | 27.07          | 14.09               | 14.82          | 102.11         |                 |
| 20-19-19                                              |                                       | 56645         | 19.63          | 20.33               | 20.36          | 103.61         |                 |
| 17-15-20                                              |                                       | 56646         | 17.45          | 15.45               | 20.81          | 101.72         |                 |
| 17-15-20                                              |                                       | 56647         | 17.88          | 15.47               | 20.69          | 102.55         |                 |
| 26-12-18                                              |                                       | 56648         | 24.99          | 12.96               | 18.33          | 102.67         |                 |
| 17-15-20                                              |                                       | 56649         | 17.33          | 15.96               | 21.17          | 103.03         |                 |
| 17-15-20                                              |                                       | 56650         | 17.82          | 15.64               | 21.02          | 103.25         |                 |
| 20-19-19                                              |                                       | 56651         | 19.03          | 20.82               | 19.78          | 102.44         |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                                  | Brand | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|---------------------------------------------------------|-------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| Warner Fertilizer - Liberty Liberty ,KY                 |       |               |                |                     |                |                |                 |
| 26-8-20                                                 |       | 55842         | 26.46          | 7.21                | 19.12          | 98.82          |                 |
| 7-18-36                                                 |       | 57062         | 6.92           | 18.18               | 37.04          | 100.45         |                 |
| 19-19-19                                                |       | 57063         | 19.60          | 18.75               | 19.5           | 99.81          |                 |
| 16-14-28                                                |       | 57064         | 15.61          | 13.64               | 29.71          | 100.91         |                 |
| 7-18-36                                                 |       | 57068         | 7.23           | 18.3                | 36.59          | 100.69         |                 |
| 22-15-20                                                |       | 57069         | 22.44          | 16.17               | 21.46          | 105.99         |                 |
| 36-00-13                                                |       | 57737         | 36.00          |                     | 13.28          | 100.31         |                 |
| 30-00-00                                                |       | 57799         | 29.60          |                     |                | 99.76          | *               |
| Warner Fertilizer - Monticello Monticello ,KY           |       |               |                |                     |                |                |                 |
| 28-12-15                                                |       | 55984         | 27.53          | 11.45               | 16.52          | 102.08         |                 |
| 34-10-8                                                 |       | 55987         | 33.36          | 10.05               | 8.85           | 100.34         |                 |
| 7-17-38                                                 |       | 57086         | 6.82           | 16.78               | 37.37          | 99.06          |                 |
| 19-19-19                                                |       | 57087         | 17.55          | 18.45               | 21.13          | 97.09          |                 |
| 21-15-20                                                |       | 57089         | 21.30          | 15.47               | 20.94          | 101.49         |                 |
| 9-23-30                                                 |       | 57440         | 9.19           | 22.51               | 29.97          | 99.45          |                 |
| 34-20-00                                                |       | 57800         | 33.25          | 18.86               |                | 97.07          |                 |
| Warner Fertilizer - Nancy Nancy ,KY                     |       |               |                |                     |                |                |                 |
| 19-19-19                                                |       | 56275         | 19.18          | 19.77               | 19.39          | 100.38         |                 |
| 6-16-31                                                 |       | 56276         | 6.68           | 15.9                | 30.52          | 100.4          |                 |
| 19-19-19                                                |       | 56277         | 18.76          | 18.89               | 20.69          | 99.69          |                 |
| 17-17-20                                                |       | 56278         | 17.28          | 16.41               | 19.43          | 99.53          |                 |
| 20-00-24                                                |       | 56944         | 21.32          |                     | 23.33          | 101.28         |                 |
| 9-23-30                                                 |       | 56947         | 8.33           | 22.09               | 31.71          | 99.28          |                 |
| 18-18-18                                                |       | 56948         | 18.42          | 16.79               | 16.99          | 98.34          |                 |
| 9-22-29                                                 |       | 56949         | 8.65           | 22.81               | 29.13          | 102.7          |                 |
| 18-18-18                                                |       | 56950         | 18.16          | 17.4                | 17.51          | 99.72          |                 |
| 18-18-18                                                |       | 56951         | 18.16          | 18.19               | 17.39          | 101.12         |                 |
| Warner Fertilizer - Russell Springs Russell Springs ,KY |       |               |                |                     |                |                |                 |
| 19-19-19                                                |       | 57797         | 18.62          | 19.27               | 21.04          | 100.54         |                 |
| Warner Fertilizer - Somerset Somerset ,KY               |       |               |                |                     |                |                |                 |
| 00-00-60 'MP                                            |       | 55267         |                |                     | 59.55          | 99.25          |                 |
| 00-00-60 'MOP                                           |       | 55281         |                |                     | 59.31          | 98.85          |                 |
| 18-46-00 'DAP                                           |       | 55282         | 18.12          | 45.59               |                | 99.61          |                 |
| 00-00-60 'MOP                                           |       | 55297         |                |                     | 60.05          | 100.08         |                 |
| 00-00-60 'MOP                                           |       | 55299         |                |                     | 59.74          | 99.57          |                 |
| 00-00-60 'MOP                                           |       | 55328         |                |                     | 60.26          | 100.43         |                 |
| 19-19-19 '19-19-19 bg                                   |       | 55329         | 17.97          | 19.84               | 18.33          | 98.39          |                 |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand           | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|-----------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 00-00-60               | 'MOP            | 55695         |                |                     | 59.67          | 99.45          |                 |
| 46-00-00               | 'Urea           | 55696         | 46.05          |                     |                | 100.11         |                 |
| 46-00-00               | 'Urea           | 55697         | 46.01          |                     |                | 100.02         |                 |
| 18-46-00               | 'DAP            | 55698         | 17.57          | 46.58               |                | 100.16         |                 |
| 18-46-00               | 'DAP            | 55715         | 17.97          | 46.27               |                | 100.36         |                 |
| 00-00-60               | 'MOP            | 55716         |                |                     | 60.06          | 100.1          |                 |
| 18-46-00               | 'DAP            | 55717         | 17.94          | 46.22               |                | 100.23         |                 |
| 00-00-60               | 'MOP            | 55718         |                |                     | 60.23          | 100.38         |                 |
| 46-00-00               | 'Urea           | 55719         | 46.09          |                     |                | 100.2          |                 |
| 46-00-00               | 'Urea           | 55761         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP            | 55762         | 17.82          | 46.62               |                | 100.64         |                 |
| 00-00-60               | 'MOP            | 55763         |                |                     | 59.03          | 98.38          |                 |
| 00-00-60               | 'MOP            | 55764         |                |                     | 59.73          | 99.55          |                 |
| 00-00-60               | 'MOP            | 55765         |                |                     | 59.68          | 99.47          |                 |
| 24-10-10               | '24-10-10 Blend | 55794         | 24.43          | 9.67                | 9.82           | 100.02         |                 |
| 24-10-10               | '24-10-10 Blend | 55795         | 22.42          | 10.16               | 12.75          | 101.01         |                 |
| 00-00-60               | 'MOP            | 55836         |                |                     | 59.35          | 98.92          |                 |
| 00-00-60               | 'MOP            | 55837         |                |                     | 59.57          | 99.28          |                 |
| 00-00-60               | 'MOP            | 55838         |                |                     | 59.57          | 99.28          |                 |
| 18-46-00               | 'DAP            | 55839         | 17.71          | 45.61               |                | 98.92          |                 |
| 46-00-00               | 'UREA           | 55840         | 45.95          |                     |                | 99.89          |                 |
| 46-00-00               | 'UREA           | 55841         | 46.20          |                     |                | 100.43         |                 |
| 19-19-19               | 'Warnco         | 55855         | 18.84          | 19.37               | 19.34          | 100.82         |                 |
| 46-00-00               | 'Urea           | 55878         | 46.12          |                     |                | 100.26         |                 |
| 00-00-60               | 'MOP            | 55879         |                |                     | 60.21          | 100.35         |                 |
| 00-00-50               | 'SOP            | 55880         |                |                     | 51.07          | 102.14         |                 |
| 46-00-00               | 'Urea           | 55881         | 46.18          |                     |                | 100.39         |                 |
| 46-00-00               | 'Urea           | 55921         | 46.03          |                     |                | 100.07         |                 |
| 46-00-00               | 'Urea           | 55922         | 46.16          |                     |                | 100.35         |                 |
| 18-46-00               | 'DAP            | 55923         | 17.85          | 47.8                |                | 102.49         |                 |
| 18-46-00               | 'DAP            | 55924         | 17.78          | 45.56               |                | 98.96          |                 |
| 00-00-60               | 'MOP            | 55925         |                |                     | 60.58          | 100.97         |                 |
| 21-00-00               | 'AMS            | 55926         | 20.45          |                     |                | 97.38          | *               |
| 19-19-19               | '19-19-19       | 55927         | 18.58          | 19.75               | 20.37          | 102.4          |                 |
| 00-00-60               | 'MOP            | 55979         |                |                     | 59.63          | 99.38          |                 |
| 00-00-60               | 'MOP            | 55980         |                |                     | 60.22          | 100.37         |                 |
| 18-46-00               | 'DAP            | 55981         | 17.97          | 46.99               |                | 101.46         |                 |

Highlighted values are deficient.

\* Refer to Table 3



TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade | Brand         | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|------------------------|---------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 18-46-00               | 'DAP          | 55982         | 17.85          | 46.28               |                | 100.18         |                 |
| 46-00-00               | 'Urea         | 55983         | 46.09          |                     |                | 100.2          |                 |
| 46-00-00               | 'Urea         | 55985         | 46.08          |                     |                | 100.17         |                 |
| 18-46-00               | 'DAP          | 55986         | 17.71          | 45.18               |                | 98.27          |                 |
| 46-00-00               | 'Urea         | 55992         | 46.19          |                     |                | 100.41         |                 |
| 18-46-00               | 'DAP          | 55993         | 18.01          | 45.82               |                | 99.74          |                 |
| 00-00-60               | 'MOP          | 55994         |                |                     | 60.58          | 100.97         |                 |
| 00-00-60               | 'MOP          | 55995         |                |                     | 61.33          | 102.22         |                 |
| 46-00-00               | 'Urea         | 55996         | 46.07          |                     |                | 100.15         |                 |
| 18-46-00               | 'DAP          | 55997         | 17.78          | 45.47               |                | 98.83          |                 |
| 46-00-00               | 'Urea         | 56124         | 46.20          |                     |                | 100.43         |                 |
| 46-00-00               | 'Urea         | 56125         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP          | 56126         | 17.62          | 46.42               |                | 100            |                 |
| 18-46-00               | 'DAP          | 56127         | 17.96          | 45.74               |                | 99.54          |                 |
| 00-00-60               | 'MOP          | 56128         |                |                     | 59.28          | 98.8           |                 |
| 46-00-00               | 'Urea         | 56217         | 46.09          |                     |                | 100.2          |                 |
| 18-46-00               | 'DAP          | 56218         | 17.81          | 46.02               |                | 99.71          |                 |
| 00-00-60               | 'MOP          | 56219         |                |                     | 59.7           | 99.5           |                 |
| 21-00-00               | 'AS           | 56220         | 20.71          |                     |                | 98.62          | *               |
| 00-00-60               | 'MOP          | 56279         |                |                     | 58.93          | 98.22          |                 |
| 10-10-10               | '10-10-10     | 56641         | 8.8            | 9.28                | 15.60          | 107.3          |                 |
| 46-00-00               | 'Urea         | 56769         | 46.20          |                     |                | 100.43         |                 |
| 18-46-00               | 'DAP          | 56770         | 17.93          | 46.21               |                | 100.2          |                 |
| 00-00-60               | 'MOP          | 56771         |                |                     | 59.22          | 98.7           |                 |
| 46-00-00               | 'Urea         | 56793         | 46.12          |                     |                | 100.26         |                 |
| 00-00-60               | 'MOP          | 56794         |                |                     | 59.31          | 98.85          |                 |
| 18-46-00               | 'DAP          | 56795         | 17.87          | 45.11               |                | 98.43          |                 |
| 19-19-19               | '19-19-19     | 56799         | 21.84          | 20.93               | 13.59          | 102.02         |                 |
| 15-15-15               | '15-15-15 Bag | 56945         | 16.50          | 16.16               | 14.65          | 106.01         |                 |
| 7-20-20                | '7-20-20      | 56946         | 8.21           | 21.21               | 20.25          | 106.43         |                 |
| 18-46-00               | 'DAP          | 57065         | 17.79          | 45.36               |                | 98.68          |                 |
| 19-19-19               | '19-19-19     | 57088         | 16.84          | 17.5                | 23.01          | 98.26          |                 |
| 46-00-00               | 'Urea         | 57386         | 46.08          |                     |                | 100.17         |                 |
| 00-00-50               | 'SOP          | 57387         |                |                     | 50.04          | 100.08         |                 |
| 18-46-00               | 'DAP          | 57388         | 17.77          | 45.11               |                | 98.26          |                 |
| 00-00-60               | 'MOP          | 57389         |                |                     | 59.76          | 99.6           |                 |
| 21-00-00               | 'AS           | 57390         | 21.19          |                     |                | 100.9          | *               |

Highlighted values are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

| Manufacturer and Grade                              | Brand     | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|-----------------------------------------------------|-----------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 15-15-15                                            | 'Warnco   | 57391         | 16.28          | 16.62               | 15.6           | 108.16         |                 |
| 9-23-30                                             |           | 57435         | 9.35           | 24.88               | 29.23          | 103.1          |                 |
| 9-23-30                                             |           | 57436         | 9.55           | 24.8                | 29.35          | 103.51         |                 |
| 9-23-30                                             |           | 57437         | 8.095          | 19.84               | 33.39          | 96.97          |                 |
| 9-23-30                                             |           | 57438         | 8.84           | 21                  | 32.35          | 99.17          |                 |
| 33-6-12                                             |           | 57687         | 32.85          | 5.99                | 12.77          | 100.38         |                 |
| 9-23-30                                             |           | 57688         | 9.15           | 22.04               | 30.88          | 99.73          |                 |
| 9-23-30                                             |           | 57689         | 10.21          | 25.1                | 27.37          | 102.74         |                 |
| 24-5-15                                             |           | 57690         | 23.40          | 6.02                | 13.86          | 98.72          |                 |
| 24-5-15                                             |           | 57691         | 23.94          | 5                   | 17.22          | 103.52         |                 |
| 24-5-15                                             |           | 57692         | 23.84          | 5.31                | 14.57          | 99.41          |                 |
| 5-10-15                                             | '5-10-15  | 57693         | 5.23           | 9.41                | 20.39          | 121.22         |                 |
| 19-19-19                                            | '19-19-19 | 57694         | 18.57          | 19.34               | 18.79          | 99.47          |                 |
| 7-20-20                                             | 'Warnco   | 57695         | 7.03           | 17.94               | 21.82          | 98.36          |                 |
| 10-10-10                                            | 'Warnco   | 57696         | 9.14           | 9.615               | 9.64           | 94.39          |                 |
| 00-00-60                                            | 'MOP      | 57697         |                |                     | 60.26          | 100.43         |                 |
| 18-46-00                                            | 'DAP      | 57698         | 17.88          | 46.34               |                | 100.32         |                 |
| 00-00-50                                            | 'SOP      | 57699         |                |                     | 51.31          | 102.62         |                 |
| 00-00-50                                            | 'SOP      | 57738         |                |                     | 51.51          | 103.02         |                 |
| Warner Fertilizer - Stanford Stanford ,KY           |           |               |                |                     |                |                |                 |
| 21-15-20                                            |           | 56772         | 21.22          | 15.94               | 20.78          | 101.99         |                 |
| 20-10-20                                            |           | 56773         | 19.71          | 9.86                | 20.02          | 99.28          |                 |
| 7-17-38                                             |           | 56774         | 6.90           | 18.12               | 37.22          | 101.59         |                 |
| 19-19-19                                            |           | 56775         | 19.42          | 21.04               | 19.05          | 102.73         |                 |
| 19-19-19                                            |           | 56776         | 19.49          | 18.35               | 20.34          | 99.7           |                 |
| 31-00-00                                            |           | 56777         | 29.86          |                     |                | 97.36          |                 |
| 11-11-11                                            |           | 56778         | 10.74          | 10.59               | 11.32          | 98.97          |                 |
| Warner Fertilizer - Tompkinsville Tompkinsville ,KY |           |               |                |                     |                |                |                 |
| 24-14-18                                            |           | 56216         | 23.75          | 13.98               | 18.5           | 100.97         |                 |
| 38-9-4                                              |           | 56233         | 37.24          | 8.69                | 3.99           | 99.44          |                 |
| 38-9-4                                              |           | 56234         | 38.13          | 7.94                | 4.19           | 100.14         |                 |
| 18-18-18                                            |           | 56235         | 18.35          | 17.04               | 18.19          | 100.45         |                 |
| 18-18-18                                            |           | 56236         | 18.03          | 18.31               | 18.69          | 103            |                 |
| 19-19-19                                            |           | 56237         | 19.48          | 20.97               | 18.97          | 102.5          |                 |
| 7-7-6                                               |           | 56238         | 6.77           | 7.12                | 6.13           | 102.75         |                 |
| 27-14-14                                            |           | 56239         | 27.08          | 15.63               | 13.54          | 103.22         |                 |
| 28-12-15                                            |           | 56240         | 26.86          | 13.43               | 15.83          | 103.48         |                 |

Highlighted values are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

| Manufacturer and Grade                     | Brand                            | Sample Number | Total Nitrogen | Available Phosphate | Soluble Potash | Relative Value | Micro-Nutrients |
|--------------------------------------------|----------------------------------|---------------|----------------|---------------------|----------------|----------------|-----------------|
| 25-15-15                                   |                                  | 56241         | 24.93          | 16.66               | 15.69          | 102.9          |                 |
| Waterway Ag Inc Metropolis ,IL             |                                  |               |                |                     |                |                |                 |
| 18-46-00                                   | 'DAP                             | 57147         | 17.64          | 45.42               |                | 98.52          |                 |
| 00-00-60                                   | 'MOP                             | 57150         |                |                     | 60.3           | 100.5          |                 |
| 00-00-60                                   | 'MOP                             | 57213         |                |                     | 61.96          | 103.27         |                 |
| Winfield Solutions, LLC Saint Paul ,MN     |                                  |               |                |                     |                |                |                 |
| 10-10-10                                   | 'All Purpose                     | 55135         | 9.44           | 9.89                | 10.60          | 98.92          |                 |
| 10-10-10                                   | 'GroundWork                      | 55856         | 10.22          | 10.90               | 13.92          | 114.18         |                 |
| 10-10-10                                   | '10-10-10 Groundwork All-Purpose | 55904         | 12.33          | 11.05               | 17.84          | 133.04         |                 |
| 16-6-16                                    | 'Groundwork Pasture              | 56371         | 16.85          | 6.8                 | 15.86          | 104.62         |                 |
| 10-10-10                                   | 'Groundwork                      | 57573         | 10.69          | 10.27               | 10.49          | 104.9          |                 |
| 10-10-10                                   | 'Ground Work All Purpose         | 57598         | 10.29          | 10.68               | 12.52          | 110.05         |                 |
| Woodford Feed Company, Inc. Versailles ,KY |                                  |               |                |                     |                |                |                 |
| 00-00-60                                   | 'MOP                             | 55506         |                |                     | 61.24          | 102.07         |                 |
| 46-00-00                                   | 'Urea                            | 55507         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60                                   | 'MOP                             | 56533         |                |                     | 60.43          | 100.72         |                 |
| 18-46-00                                   | 'DAP                             | 56534         | 17.89          | 46.49               |                | 100.56         |                 |
| 46-00-00                                   | 'Urea                            | 56535         | 46.20          |                     |                | 100.43         |                 |
| 00-00-60                                   | 'MOP                             | 56997         |                |                     | 60.38          | 100.63         |                 |
| 18-46-00                                   | 'DAP                             | 56998         | 17.50          | 46.13               |                | 99.36          |                 |
| 25-00-24                                   |                                  | 57155         | 23.74          |                     | 25.63          | 99.4           | *               |
| 25-00-24                                   |                                  | 57156         | 24.71          |                     | 24.99          | 100.72         | *               |
| 31-00-19                                   |                                  | 57159         | 30.35          |                     | 20.63          | 100.21         |                 |
| 31-00-19                                   |                                  | 57160         | 31.60          |                     | 19.19          | 100.87         |                 |
| 31-00-19                                   |                                  | 57161         | 30.61          |                     | 20.35          | 100.38         |                 |
| 31-00-19                                   |                                  | 57162         | 30.58          |                     | 19.82          | 99.51          |                 |
| 00-00-60                                   | 'MOP                             | 57349         |                |                     | 59.02          | 98.37          |                 |
| 00-00-50                                   | 'SOP                             | 57350         |                |                     | 50.34          | 100.68         |                 |
| 27-00-23                                   |                                  | 57351         | 26.25          |                     | 24.75          | 101.77         | *               |
| 20-00-33                                   |                                  | 57352         | 20.22          |                     | 34.89          | 101.92         |                 |
| 32-00-13                                   |                                  | 57353         | 32.26          |                     | 13.97          | 102.27         | *               |
| 27-00-23                                   |                                  | 57354         | 26.53          |                     | 24.01          | 101.26         | *               |

Highlighted values are deficient.

\* Refer to Table 3



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### Table 3

#### Detailed Inspection Report Results Secondary and Micro Nutrients



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                         | Sample Number | Grade    | Calcium                         | Magnesium | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc   |
|------------------------------------------------------|---------------|----------|---------------------------------|-----------|--------|--------|--------|-------|------------|--------|
| Advanced Micronutrient Products Reese ,MI            |               |          |                                 |           |        |        |        |       |            |        |
|                                                      | 56223         | 00-00-00 | Brand: 'AMP NuBor 10            |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      | 10        | 5      | 1.5    | 10     |       |            |        |
|                                                      |               |          | Found:                          | 10.37     | 4.601  | 4.554  | 9.366  |       |            |        |
|                                                      | 56225         | 2-00-00  | Brand: 'AMP EZ20 Essential Zinc |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      |           |        | 14     |        |       |            | 20     |
|                                                      |               |          | Found:                          |           |        | 13.646 |        |       |            | 22.45  |
|                                                      | 56226         | 00-00-00 | Brand: 'AMP Nubor 10            |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      | 10        | 5      | 1.5    | 10     |       |            |        |
|                                                      |               |          | Found:                          | 11.1      | 5.142  | 4.328  | 9.624  |       |            |        |
|                                                      | 57000         | 2-00-00  | Brand: 'EZ20                    |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      |           |        | 14     |        |       |            | 20     |
|                                                      |               |          | Found:                          |           |        | 13.37  |        |       |            | 21.9   |
| Agri-Chem - Herndon Herndon ,KY                      |               |          |                                 |           |        |        |        |       |            |        |
|                                                      | 55363         | 3-14-43  |                                 |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      |           |        |        |        |       |            | 0.4844 |
|                                                      |               |          | Found:                          |           |        |        |        |       |            | 0.476  |
| Agriport Terminal Eddyville ,KY                      |               |          |                                 |           |        |        |        |       |            |        |
|                                                      | 55207         | 5-22-34  |                                 |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      |           |        |        |        |       |            | 0.3816 |
|                                                      |               |          | Found:                          |           |        |        |        |       |            | 0.37   |
|                                                      | 55208         | 5-22-34  |                                 |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      |           |        |        |        |       |            | 0.3816 |
|                                                      |               |          | Found:                          |           |        |        |        |       |            | 0.309  |
| Agrium U.S. A Subsidiary of Nutrien Ltd Loveland ,CO |               |          |                                 |           |        |        |        |       |            |        |
|                                                      | 55861         | 6-12-18  | Brand: 'Rainbow 6-12-18         |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      | 5         |        | 10     | 0.05   | 0.25  |            | 0.05   |
|                                                      |               |          | Found:                          | 5.041     |        | 12.38  | 0.1220 | 0.448 |            | 0.126  |
| AgroLiquid Fertilizer St. Johns ,MI                  |               |          |                                 |           |        |        |        |       |            |        |
|                                                      | 56259         | 9-24-3   | Brand: 'Pro-Germinator          |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      |           |        |        |        | 0.1   |            |        |
|                                                      |               |          | Found:                          |           |        |        |        | 0.356 |            |        |
|                                                      | 56260         | 2-00-10  | Brand: 'Kalibrate               |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      |           |        | 6      |        |       |            |        |
|                                                      |               |          | Found:                          |           |        | 6.238  |        |       |            |        |
|                                                      | 56261         | 9-24-3   | Brand: 'Pro-Germinator          |           |        |        |        |       |            |        |
|                                                      |               |          | Guarantee:                      |           |        |        |        | 0.1   |            |        |
|                                                      |               |          | Found:                          |           |        |        |        | 0.354 |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                       | Magnesium            | Sulfur | Boron  | Copper | Iron   | Managanese | Zinc   |
|--------------|---------------|----------|-------------------------------|----------------------|--------|--------|--------|--------|------------|--------|
|              | 56749         | 9-24-3   | Brand: 'Pro-Germinator 9-24-3 |                      |        |        |        | 0.1    |            |        |
|              |               |          | Guarantee:                    |                      |        |        |        | 0.295  |            |        |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 56750         | 00-00-00 | Brand: 'Access 17% Sulfur     |                      | 17     |        |        | 0.25   | 0.05       | 0.05   |
|              |               |          | Guarantee:                    |                      | 22.5   |        |        | 0.19   | 0.0614     | 0.0593 |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 56845         | 00-00-00 | Brand: 'Micro 500             |                      |        | 0.02   | 0.25   | 0.37   | 1.2        | 1.8    |
|              |               |          | Guarantee:                    |                      |        | 0.0215 | 0.235  | 0.335  | 1.039      | 1.54   |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 56846         | 00-00-00 | Brand: 'Access 17% Sulfur     |                      | 17     |        |        | 0.25   | 0.05       | 0.05   |
|              |               |          | Guarantee:                    |                      | 21.76  |        |        | 0.18   | 0.0593     | 0.0593 |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 56847         | 7-00-00  | Brand: 'Enhance               |                      | 7      |        |        |        | 0.07       | 0.07   |
|              |               |          | Guarantee:                    |                      | 8.184  |        |        |        | 0.0695     | 0.0692 |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 57004         | 2-00-10  | Brand: 'Kalibrate             |                      | 6      |        |        |        |            |        |
|              |               |          | Guarantee:                    |                      | 5.515  |        |        |        |            |        |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 57005         | 7-00-00  | Brand: 'Access                |                      | 17     |        |        | 0.25   | 0.05       | 0.05   |
|              |               |          | Guarantee:                    |                      | 20.87  |        |        | 0.176  | 0.0553     | 0.0536 |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 57237         | 12-3-3   | Brand: 'Fert Rain             |                      | 1.5    |        |        | 0.1    | 0.05       | 0.1    |
|              |               |          | Guarantee:                    |                      | 1.896  |        |        | 0.108  | 0.0816     | 0.136  |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 57238         | 00-00-00 | Brand: 'Micro 500             |                      |        | 0.02   | 0.25   | 0.37   | 1.2        | 1.8    |
|              |               |          | Guarantee:                    |                      |        | 0.0250 | 0.283  | 0.412  | 1.22       | 1.722  |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 57458         | 9-24-3   | Brand: 'Pro-Germinator        |                      |        |        |        | 0.1    |            |        |
|              |               |          | Guarantee:                    |                      |        |        |        | 0.28   |            |        |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 57459         | 12-3-3   | Brand: 'Ferti-Rain            |                      | 1.5    |        |        | 0.1    | 0.05       | 0.1    |
|              |               |          | Guarantee:                    |                      | 1.703  |        |        | 0.0932 | 0.0644     | 0.114  |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 57460         | 00-00-00 | Brand: 'eNhance               |                      | 8.7    |        |        |        | 0.07       | 0.07   |
|              |               |          | Guarantee:                    |                      | 8.735  |        |        |        | 0.0792     | 0.08   |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |
|              | 57461         | 2-00-10  | Brand: 'Kalibrate             |                      | 6      |        |        |        |            |        |
|              |               |          | Guarantee:                    |                      | 5.54   |        |        |        |            |        |
|              |               |          | Found:                        | <input type="text"/> |        |        |        |        |            |        |

Highlighted values are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                       | Sample Number | Grade    | Calcium           | Magnesium | Sulfur | Boron  | Copper | Iron   | Managanese | Zinc |
|----------------------------------------------------|---------------|----------|-------------------|-----------|--------|--------|--------|--------|------------|------|
|                                                    | 57462         | 7-00-00  | Brand: 'AccesS    |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 17     |        |        | 0.25   | 0.05       | 0.05 |
|                                                    | 57463         | 00-00-00 | Brand: 'Micro 500 |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 9.9587 | 0.02   | 0.25   | 0.37   | 1.2        | 1.8  |
| Allen County Farmers Service, Inc. Scottsville ,KY | 55965         | 24-10-18 |                   |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 3.4627 | 0.0374 | 0.0398 |        |            |      |
|                                                    | 55966         | 24-10-19 |                   |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 4.025  | 0.0475 | 0.0408 |        |            |      |
|                                                    | 55970         | 39-4-5   |                   |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 3.3846 | 0.0365 | 0.0389 |        |            |      |
| Anuvia Florida LLC Zellwood ,FL                    | 55348         | 16-1-00  | Brand: 'SymTRX    |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 3.766  | 0.0417 | 0.034  |        |            |      |
| Ballard County Coop., Inc. La Center ,KY           | 56476         | 20-00-00 | Brand: 'AS        |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 2.9004 |        |        | 0.0454 |            |      |
|                                                    | 56480         | 12-21-21 |                   |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 3.01   |        |        | 0.0854 |            |      |
|                                                    | 56481         | 12-21-21 |                   |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 4.766  |        |        |        |            |      |
|                                                    | 57143         | 11-18-24 |                   |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 5.742  |        |        |        |            |      |
|                                                    | 57144         | 12-21-21 |                   |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 4.766  |        |        |        |            |      |
| Bandana Ag, Inc. La Center ,KY                     | 55622         | 12-40-00 | Brand: 'MES 10    |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 6.573  |        |        |        |            |      |
|                                                    | 57462         | 7-00-00  | Brand: 'AccesS    |           |        |        |        |        |            |      |
|                                                    |               |          | Guarantee:        |           |        |        |        |        |            |      |
|                                                    |               |          | Found:            |           | 10     |        |        |        |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                             | Sample Number | Grade    | Calcium                                      | Magnesium            | Sulfur | Boron   | Copper | Iron   | Managanese | Zinc   |
|------------------------------------------|---------------|----------|----------------------------------------------|----------------------|--------|---------|--------|--------|------------|--------|
| Borates Plus Inc Apopka ,FL              |               |          |                                              |                      |        |         |        |        |            |        |
|                                          | 56532         | 00-00-00 | Brand: 'Boron 15% Granular                   |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      |        | 15      |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> |        | 15.6    |        |        |            |        |
| Cameron Chemicals Inc Virginia Beach ,VA |               |          |                                              |                      |        |         |        |        |            |        |
|                                          | 56137         | 00-00-00 | Brand: 'Boron                                |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      |        | 15      |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> |        | 15.9    |        |        |            |        |
|                                          | 56177         | 00-00-00 | Brand: 'Cameron Micronutrients 36% Magnesium |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      | 36     | 6       |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> | 31.59  | 6.06    |        |        |            |        |
|                                          | 56349         | 00-00-00 | Brand: 'Boron 10%                            |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      |        | 10      |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> |        | 10.81   |        |        |            |        |
|                                          | 57012         | 00-00-00 | Brand: 'Cameron Micronutrient Magnesium 36%  |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      | 36     | 3       |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> | 30.64  | 5.827   |        |        |            |        |
|                                          | 57029         | 00-00-00 | Brand: 'Cameron Micronutrients Zinc 36%      |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      |        | 9       |        |        |            | 36     |
|                                          |               |          | Found:                                       | <input type="text"/> | 7.9498 |         |        |        |            | 33.22  |
|                                          | 57678         | 00-00-00 | Brand: 'Cameron Micronutrients Magnesium 36% |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      | 36     | 3       |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> | 39.51  | 4.523   |        |        |            |        |
| Central Crop Care Crab Orchard ,KY       |               |          |                                              |                      |        |         |        |        |            |        |
|                                          | 55783         | 00-00-22 | Brand: 'K-Mag                                |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      | 10.5   | 21      |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> | 10.9   | 21.81   |        |        |            |        |
|                                          | 56600         | 20-12-17 |                                              |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      | 2.1101 | 4.2202  | 0.0444 | 0.0666 |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> | 2.142  | 4.406   | 0.0738 | 0.0747 |            |        |
|                                          | 57732         | 21-00-00 | Brand: 'AS                                   |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      |        | 24      |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> |        | 23.3584 |        |        |            |        |
|                                          | 57736         | 00-00-22 | Brand: 'Kmag                                 |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   |                      | 11     | 22      |        |        |            |        |
|                                          |               |          | Found:                                       | <input type="text"/> | 10.87  | 22.71   |        |        |            |        |
| Central Garden & Pet Franklin ,WI        |               |          |                                              |                      |        |         |        |        |            |        |
|                                          | 56258         | 10-8-6   | Brand: 'Pennington Ultra Green               |                      |        |         |        |        |            |        |
|                                          |               |          | Guarantee:                                   | 7                    | 0.8    | 8       | 0.05   | 2      | 0.05       | 0.05   |
|                                          |               |          | Found:                                       | <input type="text"/> | 11.51  | 2.178   | 9.257  | 0.0523 | 2.088      | 0.0599 |
|                                          |               |          |                                              |                      |        |         |        |        |            | 0.0655 |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                     |          |                                                              | Calcium | Magnesium | Sulfur | Boron | Copper | Iron  | Managanese | Zinc   |
|--------------------------------------------------|----------|--------------------------------------------------------------|---------|-----------|--------|-------|--------|-------|------------|--------|
| Sample Number                                    | Grade    |                                                              |         |           |        |       |        |       |            |        |
| 57608                                            | 10-10-10 | Brand: 'Pennington Ultra Green All Purpose Plant Food        |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   | 1       | 0.8       | 1      |       | 0.05   | 2     | 0.05       | 0.05   |
|                                                  |          | Found:                                                       | 5.07    | 3.51      | 5.9    |       | 0.0496 | 2.502 | 0.0627     | 0.0525 |
| Central Garden & Pet Garden Division Atlanta ,GA |          |                                                              |         |           |        |       |        |       |            |        |
| 56434                                            | 10-8-6   | Brand: 'Pennington Ultra Green Azalea Camelia & Rhododendron |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   | 1       | 0.8       | 8      |       | 0.05   | 2     | 0.05       | 0.05   |
|                                                  |          | Found:                                                       | 6.632   | 4.745     | 8.557  |       | 0.0429 | 2.799 | 0.0853     | 0.0593 |
| 57329                                            | 1-00-1   | Brand: 'Ironite                                              |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   | 8       |           | 5      |       |        | 20    |            |        |
|                                                  |          | Found:                                                       | 9.829   |           | 5.876  |       |        | 25.02 |            |        |
| 57554                                            | 10-8-6   | Brand: 'Azalea Camellia & Rhododendron                       |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   | 7       | 0.8       | 8      |       | 0.05   | 2     | 0.05       | 0.05   |
|                                                  |          | Found:                                                       | 11.44   | 2.07      | 9.668  |       | 0.0506 | 2.677 | 0.0665     | 0.0656 |
| CHS Crop Nutrients St. Paul ,MN                  |          |                                                              |         |           |        |       |        |       |            |        |
| 56092                                            | 21-00-00 | Brand: 'AS                                                   |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   |         |           | 24     |       |        |       |            |        |
|                                                  |          | Found:                                                       |         |           | 24.91  |       |        |       |            |        |
| 57514                                            | 21-00-00 | Brand: 'AS                                                   |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   |         |           | 24     |       |        |       |            |        |
|                                                  |          | Found:                                                       |         |           | 23.85  |       |        |       |            |        |
| CHS Crop Nutrients - Owensboro Owensboro ,KY     |          |                                                              |         |           |        |       |        |       |            |        |
| 56864                                            | 12-00-00 | Brand: 'ATS                                                  |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   |         |           | 26     |       |        |       |            |        |
|                                                  |          | Found:                                                       |         |           | 25.0   |       |        |       |            |        |
| Clements Ag Supply Springfield ,KY               |          |                                                              |         |           |        |       |        |       |            |        |
| 57582                                            | 27-00-20 |                                                              |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   |         |           | 3.5812 |       |        |       |            |        |
|                                                  |          | Found:                                                       |         |           | 3.554  |       |        |       |            |        |
| 57583                                            | 27-00-20 |                                                              |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   |         |           | 3.5812 |       |        |       |            |        |
|                                                  |          | Found:                                                       |         |           | 3.421  |       |        |       |            |        |
| 57584                                            | 27-00-20 |                                                              |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   |         |           | 3.5812 |       |        |       |            |        |
|                                                  |          | Found:                                                       |         |           | 3.39   |       |        |       |            |        |
| CNI Agriminerals, LLC Albany ,GA                 |          |                                                              |         |           |        |       |        |       |            |        |
| 57679                                            | 00-00-00 | Brand: 'Ag-Min 36% Zinc                                      |         |           |        |       |        |       |            |        |
|                                                  |          | Guarantee:                                                   |         |           | 3      |       |        | 8     |            | 36     |
|                                                  |          | Found:                                                       |         |           | 3.797  |       |        | 10.51 |            | 39.88  |
| Compass Minerals USA Inc Overland Park ,KS       |          |                                                              |         |           |        |       |        |       |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                            | Sample Number | Grade    | Calcium                     | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc  |
|-----------------------------------------|---------------|----------|-----------------------------|-----------|--------|-------|--------|------|------------|-------|
|                                         | 56716         | 4-25-00  | Brand: 'Wolf Trax Nu-Trax P |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 5     |
|                                         |               |          | Found:                      |           |        |       |        |      | 5.256      | 20    |
|                                         | 57026         | 00-00-00 | Brand: 'WolfTrax 18.5% B    |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 18.5  |
|                                         |               |          | Found:                      |           |        |       |        |      |            | 19.9  |
| Darling Ingredients Inc - TX Irving ,TX |               |          |                             |           |        |       |        |      |            |       |
|                                         | 55473         | 27-00-2  | Brand: '27-0-2 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 1     |
|                                         |               |          | Found:                      |           |        |       |        |      | 2.861      |       |
|                                         | 55474         | 21-3-7   | Brand: '21-3-7 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 2     |
|                                         |               |          | Found:                      |           |        |       |        |      | 3.643      | 2.87  |
|                                         | 55475         | 18-00-4  | Brand: '18-0-4 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 3     |
|                                         |               |          | Found:                      |           |        |       |        |      | 5.156      |       |
|                                         | 55476         | 16-00-2  | Brand: '16-0-2 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 1     |
|                                         |               |          | Found:                      |           |        |       |        |      | 4.421      | 4.149 |
|                                         | 55477         | 12-00-6  | Brand: '12-0-6 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 1     |
|                                         |               |          | Found:                      |           |        |       |        |      | 2.002      | 8     |
|                                         | 55479         | 12-2-6   | Brand: '12-2-6 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 2     |
|                                         |               |          | Found:                      |           |        |       |        |      | 3.006      | 9.17  |
|                                         | 55480         | 10-2-8   | Brand: '10-2-8 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 1.8   |
|                                         |               |          | Found:                      |           |        |       |        |      | 1.532      | 5.116 |
|                                         | 55481         | 10-00-8  | Brand: '10-0-8 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 1.8   |
|                                         |               |          | Found:                      |           |        |       |        |      | 1.378      | 5.947 |
|                                         | 55482         | 7-12-00  | Brand: '7-12-0 Nature Safe  |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 10    |
|                                         |               |          | Found:                      |           |        |       |        |      | 11.81      |       |
|                                         | 55483         | 9-00-9   | Brand: '9-0-9 Nature Safe   |           |        |       |        |      |            |       |
|                                         |               |          | Guarantee:                  |           |        |       |        |      |            | 3     |
|                                         |               |          | Found:                      |           |        |       |        |      |            | 4.945 |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade   | Calcium                    | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc |
|--------------|---------------|---------|----------------------------|-----------|--------|-------|--------|------|------------|------|
|              | 55484         | 8-5-5   | Brand: '8-5-5 Nature Safe  |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 4.5       | 1      |       |        |      |            |      |
|              |               |         | Found:                     | 3.608     | 2.988  |       |        |      |            |      |
|              | 55485         | 8-3-5   | Brand: '8-3-5 Nature Safe  |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 3         | 2.2    | 4     |        |      |            |      |
|              |               |         | Found:                     | 2.557     | 2.212  | 5.898 |        |      |            |      |
|              | 55486         | 5-6-6   | Brand: '5-6-6 Nature Safe  |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 5         | 1.5    |       |        |      |            |      |
|              |               |         | Found:                     | 7.12      | 3.49   |       |        |      |            |      |
|              | 57050         | 27-00-2 | Brand: '27-0-2 Nature Safe |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 1         |        |       |        |      |            |      |
|              |               |         | Found:                     | 1.071     |        |       |        |      |            |      |
|              | 57051         | 21-3-7  | Brand: '21-3-7 Nature Safe |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 2         | 2      |       |        |      |            |      |
|              |               |         | Found:                     | 2.114     | 3.851  |       |        |      |            |      |
|              | 57052         | 12-00-6 | Brand: '12-0-6 Nature Safe |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 1         | 8      |       |        |      |            |      |
|              |               |         | Found:                     | 2.596     | 8.284  |       |        |      |            |      |
|              | 57054         | 12-2-6  | Brand: '12-2-6 Nature Safe |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 2         | 8      |       |        |      |            |      |
|              |               |         | Found:                     | 3.238     | 8.729  |       |        |      |            |      |
|              | 57055         | 10-2-8  | Brand: '10-2-8 Nature Safe |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 1.8       | 3      |       |        |      |            |      |
|              |               |         | Found:                     | 2.909     | 2.912  |       |        |      |            |      |
|              | 57056         | 7-12-00 | Brand: '7-12-0 Nature Safe |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 10        |        |       |        |      |            |      |
|              |               |         | Found:                     | 10.4      |        |       |        |      |            |      |
|              | 57057         | 9-6-1   | Brand: '9-6-1 Nature Safe  |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 5         |        |       |        |      |            |      |
|              |               |         | Found:                     | 8.494     |        |       |        |      |            |      |
|              | 57058         | 9-00-9  | Brand: '9-0-9 Nature Safe  |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 |           | 3      |       |        |      |            |      |
|              |               |         | Found:                     |           | 4.642  |       |        |      |            |      |
|              | 57059         | 8-5-5   | Brand: '8-5-5 Nature Safe  |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 4.5       | 1      |       |        |      |            |      |
|              |               |         | Found:                     | 6.575     | 3.028  |       |        |      |            |      |
|              | 57060         | 8-3-5   | Brand: '8-3-5 Nature Safe  |           |        |       |        |      |            |      |
|              |               |         | Guarantee:                 | 3         | 2.2    | 4     |        |      |            |      |
|              |               |         | Found:                     | 2.727     | 2.784  | 6.606 |        |      |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                | Sample Number | Grade    | Calcium                                                         | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc  |
|---------------------------------------------|---------------|----------|-----------------------------------------------------------------|-----------|--------|--------|--------|------|------------|-------|
| DeltAg Greenville ,MS                       | 57061         | 5-6-6    | Brand: '5-6-6 Nature Safe                                       |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      | 5         | 1.5    | 4      |        |      |            |       |
|                                             |               |          | Found:                                                          | 7.711     | 3.365  | 7.11   |        |      |            |       |
| DeltAg Greenville ,MS                       | 56985         | 3-17-00  | Brand: 'DeltAg PercPlus                                         |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      |           |        |        | 0.25   |      |            | 0.5   |
|                                             |               |          | Found:                                                          |           |        |        | 0.23   |      |            | 0.452 |
| Dr. Earth Inc Winters ,CA                   | 55177         | 4-6-3    | Brand: 'Dr. Earth Home Grown                                    |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      | 7.5       |        |        |        |      |            |       |
|                                             |               |          | Found:                                                          | 8.956     |        |        |        |      |            |       |
| Drake's Farm Service, Inc. Morgantown ,KY   | 56455         | 31-18-00 | Brand: 'Dr. Earth Home Grown                                    |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      |           |        | 3.6877 |        |      |            |       |
|                                             |               |          | Found:                                                          |           |        | 3.798  |        |      |            |       |
| Drake's Farm Service, Inc. Morgantown ,KY   | 56459         | 31-18-00 | Brand: 'Dr. Earth Home Grown                                    |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      |           |        | 3.6877 |        |      |            |       |
|                                             |               |          | Found:                                                          |           |        | 3.776  |        |      |            |       |
| Drake's Farm Service, Inc. Morgantown ,KY   | 56463         | 31-18-00 | Brand: 'Dr. Earth Home Grown                                    |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      |           |        | 3.6877 |        |      |            |       |
|                                             |               |          | Found:                                                          |           |        | 4.128  |        |      |            |       |
| Drexel Chemical Company Memphis ,TN         | 56984         | 25-00-00 | Brand: 'Drexel X 25-0-0 Plus 0.5% Boron                         |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      |           |        |        | 0.5    |      |            |       |
|                                             |               |          | Found:                                                          |           |        |        | 0.5400 |      |            |       |
| Easy Gardener Waco ,TX                      | 55906         | 2-5-3    | Brand: 'Jobes Organics Vegetable & Tomato                       |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      | 7         | 0.5    | 1.4    |        |      |            |       |
|                                             |               |          | Found:                                                          | 8.188     | 0.496  | 4.314  |        |      |            |       |
| Easy Gardener Waco ,TX                      | 57555         | 2-5-3    | Brand: 'Jobes Organic Vegetable & Tomato                        |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      | 7         | 0.5    | 1.4    |        |      |            |       |
|                                             |               |          | Found:                                                          | 13.0      | 0.836  | 0.7950 |        |      |            |       |
| Easy Gardener Waco ,TX                      | 57571         | 3-5-6    | Brand: 'Expert Gardener Vegetable and Tomato Food               |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      | 8         | 0.5    | 3      |        |      |            |       |
|                                             |               |          | Found:                                                          | 7.849     | 1.196  | 4.25   |        |      |            |       |
| Easy Gardener Waco ,TX                      | 57609         | 2-5-3    | Brand: 'Jobes Organics Vegetable and Tomato Granular Plant Food |           |        |        |        |      |            |       |
|                                             |               |          | Guarantee:                                                      | 7         | 0.5    | 1.4    |        |      |            |       |
|                                             |               |          | Found:                                                          | 14.22     | 0.802  | 1.4684 |        |      |            |       |
| Eau Claire CO-OP Oil Company Eau Claire ,WI |               |          |                                                                 |           |        |        |        |      |            |       |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                       |          |                                                       |                      |           |        |       |        |       |            |      |
|----------------------------------------------------|----------|-------------------------------------------------------|----------------------|-----------|--------|-------|--------|-------|------------|------|
| Sample Number                                      | Grade    |                                                       | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron  | Managanese | Zinc |
| 55245                                              | 22-00-10 | Brand: 'Menards Fall Lawn Food Winterizer             |                      |           |        |       |        |       | 1          |      |
|                                                    |          | Guarantee:                                            |                      |           |        |       |        | 1.004 |            |      |
|                                                    |          | Found:                                                | <input type="text"/> |           |        |       |        |       |            |      |
| 55246                                              | 30-00-3  | Brand: 'Menards Lawn Food                             |                      |           |        |       |        |       | 1          |      |
|                                                    |          | Guarantee:                                            |                      |           |        |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> |           |        |       |        | 0.832 |            |      |
| 55848                                              | 30-00-3  | Brand: 'Menards Premium Lawn Food                     |                      |           |        |       |        |       | 1          |      |
|                                                    |          | Guarantee:                                            |                      |           |        |       |        | 1.141 |            |      |
|                                                    |          | Found:                                                | <input type="text"/> |           |        |       |        |       |            |      |
| EcoScraps Marysville ,OH                           |          |                                                       |                      |           |        |       |        |       |            |      |
| 56373                                              | 5-4-6    | Brand: 'EcoScraps Tomato Herb and Vegetable           |                      |           |        |       |        |       |            |      |
|                                                    |          | Guarantee:                                            | 1                    |           |        |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> | 15.97     |        |       |        |       |            |      |
| EnviroKure Inc Philadelphia ,PA                    |          |                                                       |                      |           |        |       |        |       |            |      |
| 55131                                              | 3-2-2    | Brand: 'EK-L Plant Builder Plus 3-2-3 with 1% S       |                      |           |        |       |        |       |            |      |
|                                                    |          | Guarantee:                                            |                      |           | 1      |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> |           | 1.038  |       |        |       |            |      |
| Espoma Company Millville ,NJ                       |          |                                                       |                      |           |        |       |        |       |            |      |
| 55830                                              | 3-4-6    | Brand: 'Espoma Organic Tomato-Tone                    |                      |           |        |       |        |       |            |      |
|                                                    |          | Guarantee:                                            | 8                    |           | 3      |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> | 10.98     | 3.432  |       |        |       |            |      |
| 55831                                              | 4-3-3    | Brand: 'Espoma Organic Bio-Tone Starter Plus          |                      |           |        |       |        |       |            |      |
|                                                    |          | Guarantee:                                            | 3                    | 1         | 1      |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> | 8.123     | 1.214  | 1.554 |        |       |            |      |
| 55903                                              | 4-3-4    | Brand: '4-3-4 Espoma Berry-tone Organic Fruit & Berry |                      |           |        |       |        |       |            |      |
|                                                    |          | Guarantee:                                            | 3                    | 1         | 5      |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> | 6.834     | 1.853  | 6.003 |        |       |            |      |
| Farmers Fertilizer - Smiths Grove Smiths Grove ,KY |          |                                                       |                      |           |        |       |        |       |            |      |
| 56587                                              | 24-15-13 |                                                       |                      |           |        |       |        |       |            |      |
|                                                    |          | Guarantee:                                            |                      |           | 2.6667 |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> |           | 3.073  |       |        |       |            |      |
| 56588                                              | 21-14-18 |                                                       |                      |           |        |       |        |       |            |      |
|                                                    |          | Guarantee:                                            |                      |           | 2.3796 |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> |           | 2.856  |       |        |       |            |      |
| 56589                                              | 19-14-18 |                                                       |                      |           |        |       |        |       |            |      |
|                                                    |          | Guarantee:                                            |                      |           | 2.3796 |       |        |       |            |      |
|                                                    |          | Found:                                                | <input type="text"/> |           | 2.966  |       |        |       |            |      |
| Fleming County Farm Supply Flemingsburg ,KY        |          |                                                       |                      |           |        |       |        |       |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                 | Sample Number | Grade    | Calcium                                          | Magnesium | Sulfur  | Boron  | Copper | Iron  | Managanese | Zinc   |
|----------------------------------------------|---------------|----------|--------------------------------------------------|-----------|---------|--------|--------|-------|------------|--------|
| Foxfarm Soil & Fertilizer Company Arcata ,CA | 57260         | 21-00-00 | Brand: 'AS                                       |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           | 24      |        |        |       |            |        |
|                                              |               |          | Found:                                           |           | 23.99   |        |        |       |            |        |
| Frit Industries Ozark ,AL                    | 56379         | 6-4-4    | Brand: 'Grow Big Liquid Plant Food               |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       | 0.6       |         | 0.02   | 0.05   | 0.1   | 0.05       | 0.05   |
|                                              |               |          | Found:                                           | 0.788     |         | 0.0215 | 0.0693 | 0.19  | 0.0696     | 0.0721 |
| Galaxy Sulfur LLC Valdosta ,GA               | 55198         | 00-00-00 | Brand: 'F317G                                    |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           |         |        |        |       |            | 36     |
|                                              |               |          | Found:                                           |           |         |        |        |       |            | 36.4   |
| Gaskins Fertilizer Russell Springs ,KY       | 56136         | 00-00-00 | Brand: 'Sulfur                                   |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           | 90      |        |        |       |            |        |
|                                              |               |          | Found:                                           |           | 98.32   |        |        |       |            |        |
| GreenPoint Ag, LLC Hardinsburg ,KY           | 55988         | 21-00-00 | Brand: 'AS                                       |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           | 24      |        |        |       |            |        |
|                                              |               |          | Found:                                           |           | 23.95   |        |        |       |            |        |
| Gro Tec Inc Madison ,GA                      | 57206         | 26-22-00 |                                                  |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           | 5.8601  | 0.0243 | 0.0243 |       |            | 0.4851 |
|                                              |               |          | Found:                                           |           | 7.072   | 0.0345 | 0.0278 |       |            | 0.599  |
| Gro Tec Inc Madison ,GA                      | 57208         | 10-11-29 |                                                  |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           | 6.0732  | 0.0244 |        |       | 0.4878     | 0.0976 |
|                                              |               |          | Found:                                           |           | 6.993   | 0.0269 |        |       | 0.574      | 0.122  |
| Gro Tec Inc Madison ,GA                      | 57209         | 10-11-29 |                                                  |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           | 6.0732  | 0.0244 |        |       | 0.4878     | 0.0976 |
|                                              |               |          | Found:                                           |           | 7.096   | 0.0264 |        |       | 0.62       | 0.134  |
| Gro Tec Inc Madison ,GA                      | 57216         | 26-22-00 |                                                  |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           | 5.8601  | 0.0243 | 0.0243 |       | 0.097      | 0.4851 |
|                                              |               |          | Found:                                           |           | 6.965   | 0.0347 | 0.0355 |       | 0.124      | 0.552  |
| GreenPoint Ag, LLC Hardinsburg ,KY           | 57629         | 21-00-00 | Brand: 'AS                                       |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           | 24      |        |        |       |            |        |
|                                              |               |          | Found:                                           |           | 23.5846 |        |        |       |            |        |
| Gro Tec Inc Madison ,GA                      | 55168         | 16-4-8   | Brand: 'Expert Gardener Evergreen Tree and Shrub |           |         |        |        |       |            |        |
|                                              |               |          | Guarantee:                                       |           |         |        |        | 1     | 0.2        | 0.05   |
|                                              |               |          | Found:                                           |           |         |        |        | 2.003 | 0.267      | 0.0738 |

Highlighted values are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                                             | Magnesium | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc   |
|--------------|---------------|----------|-----------------------------------------------------|-----------|--------|--------|--------|-------|------------|--------|
|              | 55169         | 12-6-10  | Brand: 'Expert Gardener Rose Plant Food             |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          | 3         | 1      | 7      |        | 1     | 0.2        | 0.05   |
|              |               |          | Found:                                              | 7.748     | 2.918  | 7.859  |        | 2.45  | 0.3        | 0.118  |
|              | 55190         | 32-00-10 | Brand: 'Sta Green Winterizer                        |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        | 1.4    |        |       |            |        |
|              |               |          | Found:                                              |           |        | 1.668  |        |       |            |        |
|              | 55740         | 12-5-7   | Brand: 'All Purpose Plant Food                      |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        |        |        | 0.5   | 0.2        | 0.05   |
|              |               |          | Found:                                              |           |        |        |        | 1.037 | 0.266      | 0.0767 |
|              | 55883         | 24-8-16  | Brand: 'Expert Gardener All Purpose                 |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        | 0.02   | 0.07   | 0.15  | 0.05       | 0.06   |
|              |               |          | Found:                                              |           |        | 0.0290 | 0.0616 | 0.144 | 0.0444     | 0.0492 |
|              | 55884         | 19-6-12  | Brand: 'Expert Gardener Indoor & Outdoor Plant Food |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        | 4.6    |        |       |            |        |
|              |               |          | Found:                                              |           |        | 4.961  |        |       |            |        |
|              | 55886         | 12-6-10  | Brand: 'Expert Gardener Rose Plant Food             |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          | 3         | 1      | 7      |        | 1     | 0.2        | 0.05   |
|              |               |          | Found:                                              | 7.01      | 2.343  | 8.606  |        | 1.881 | 0.256      | 0.0948 |
|              | 55908         | 24-8-16  | Brand: 'StaGreen All Purpose                        |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        | 0.02   | 0.07   | 0.15  | 0.05       | 0.06   |
|              |               |          | Found:                                              |           |        | 0.0255 | 0.0692 | 0.152 | 0.0482     | 0.0558 |
|              | 55910         | 29-00-5  | Brand: 'Sta-Green Lawn Fertilizer Plus 2% Iron      |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        |        |        | 2     |            |        |
|              |               |          | Found:                                              |           |        |        |        | 2.262 |            |        |
|              | 56375         | 24-8-16  | Brand: 'Sta Green All Purpose                       |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        | 0.02   | 0.07   | 0.15  | 0.05       | 0.06   |
|              |               |          | Found:                                              |           |        | 0.0245 | 0.0801 | 0.208 | 0.0543     | 0.118  |
|              | 56430         | 19-6-12  | Brand: 'Sta Green All Purpose                       |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        | 4.6    |        |       |            |        |
|              |               |          | Found:                                              |           |        | 4.661  |        |       |            |        |
|              | 56839         | 12-5-7   | Brand: 'All-Purpose                                 |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          |           |        |        |        | 0.5   | 0.2        | 0.05   |
|              |               |          | Found:                                              |           |        |        |        | 0.783 | 0.189      | 0.0615 |
|              | 56840         | 12-10-5  | Brand: 'Tomato & Vegetable                          |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          | 3         | 2      | 7      |        | 1     | 0.2        | 0.05   |
|              |               |          | Found:                                              | 8.239     | 4.18   | 7.997  |        | 1.88  | 0.209      | 0.0514 |
|              | 56842         | 12-6-10  | Brand: 'Rose Plant Food                             |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                          | 3         | 1      | 7      |        | 1     | 0.2        | 0.05   |
|              |               |          | Found:                                              | 8.225     | 2.091  | 8.064  |        | 2.253 | 0.41       | 0.0993 |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                              | Sample Number | Grade   | Calcium                                                     | Magnesium   | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc      |
|-------------------------------------------|---------------|---------|-------------------------------------------------------------|-------------|--------|--------|--------|-------|------------|-----------|
|                                           | 56843         | 16-4-8  | Brand: 'Evergreen Tree & Shrub                              |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             |        |        |        |       | 1          | 0.2       |
|                                           |               |         | Found:                                                      | <div></div> |        |        |        | 1.383 | 0.132      | 0.0417395 |
|                                           | 56844         | 24-8-16 | Brand: 'All Purpose Water Soluble Plant Food                |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             |        | 0.02   | 0.07   | 0.15  | 0.05       | 0.06      |
|                                           |               |         | Found:                                                      | <div></div> |        | 0.0205 | 0.0508 | 0.118 | 0.0369     | 0.0465    |
|                                           | 57163         | 29-00-5 | Brand: 'Lawn Fertilizer Plus Iron                           |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             |        |        |        |       | 2          |           |
|                                           |               |         | Found:                                                      | <div></div> |        |        |        | 2.256 |            |           |
|                                           | 57572         | 16-4-8  | Brand: 'Expert Gardener Evergreen Tree and Shrub Plant Food |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             |        |        |        |       | 1          | 0.2       |
|                                           |               |         | Found:                                                      | <div></div> |        |        |        | 2.006 | 0.248      | 0.0638    |
| Helena Agri-Enterprises - Hazel Hazel ,KY |               |         |                                                             |             |        |        |        |       |            |           |
|                                           | 55375         | 6-16-34 |                                                             |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             | 1.2498 | 2.6186 |        |       |            |           |
|                                           |               |         | Found:                                                      | <div></div> | 1.741  | 3.87   |        |       |            |           |
|                                           | 55376         | 6-16-34 |                                                             |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             | 1.2498 | 2.6186 |        |       |            |           |
|                                           |               |         | Found:                                                      | <div></div> | 1.854  | 4.108  |        |       |            |           |
|                                           | 55377         | 6-16-34 |                                                             |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             | 1.2498 | 2.6186 |        |       |            |           |
|                                           |               |         | Found:                                                      | <div></div> | 1.829  | 4.158  |        |       |            |           |
|                                           | 55378         | 6-16-34 |                                                             |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             | 1.2498 | 2.6186 |        |       |            |           |
|                                           |               |         | Found:                                                      | <div></div> | 1.999  | 4.367  |        |       |            |           |
|                                           | 55379         | 6-16-34 |                                                             |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             | 1.2498 | 2.6186 |        |       |            |           |
|                                           |               |         | Found:                                                      | <div></div> | 1.978  | 4.448  |        |       |            |           |
|                                           | 55380         | 6-16-34 |                                                             |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             | 1.2498 | 2.6186 |        |       |            |           |
|                                           |               |         | Found:                                                      | <div></div> | 2.116  | 4.677  |        |       |            |           |
|                                           | 56554         | 17-19-7 |                                                             |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             | 3.642  | 7.4189 |        |       |            |           |
|                                           |               |         | Found:                                                      | <div></div> | 4.122  | 8.082  |        |       |            | 0.192     |
|                                           | 56555         | 17-19-7 |                                                             |             |        |        |        |       |            |           |
|                                           |               |         | Guarantee:                                                  |             | 3.642  | 7.4189 |        |       |            |           |
|                                           |               |         | Found:                                                      | <div></div> | 4.066  | 7.968  |        |       |            | 0.199     |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium    | Magnesium            | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
|--------------|---------------|----------|------------|----------------------|--------|--------|--------|------|------------|--------|
|              | 55516         | 6-7-19   | Guarantee: |                      | 3.5297 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 4.27   |        |        |      |            |        |
|              | 55517         | 6-9-19   | Guarantee: |                      | 2.8747 |        |        |      |            | 0.0737 |
|              |               |          | Found:     | <input type="text"/> | 3.517  |        |        |      |            | 0.102  |
|              | 55518         | 6-7-19   | Guarantee: |                      | 3.5297 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 3.837  |        |        |      |            |        |
|              | 55519         | 6-7-19   | Guarantee: |                      | 3.5297 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 4.41   |        |        |      |            |        |
|              | 56367         | 16-13-21 | Guarantee: |                      | 4.3459 | 0.0146 |        |      |            | 0.3779 |
|              |               |          | Found:     | <input type="text"/> | 5.351  | 0.0136 |        |      |            | 0.38   |
|              | 57172         | 24-11-14 | Guarantee: |                      | 3.8062 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 4.649  |        |        |      |            |        |
|              | 57173         | 24-11-14 | Guarantee: |                      | 3.8062 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 4.534  |        |        |      |            |        |
|              | 57180         | 11-18-24 | Guarantee: |                      | 4.8    |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 5.885  |        |        |      |            |        |
|              | 57181         | 11-15-27 | Guarantee: |                      | 5.3333 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 6.367  |        |        |      |            |        |
|              | 57182         | 11-15-27 | Guarantee: |                      | 5.3333 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 6.294  |        |        |      |            |        |
|              | 57183         | 11-15-27 | Guarantee: |                      | 5.3333 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 6.587  |        |        |      |            |        |
|              | 57184         | 11-15-27 | Guarantee: |                      | 5.3333 |        |        |      |            |        |
|              |               |          | Found:     | <input type="text"/> | 6.773  |        |        |      |            |        |

Helena Agri-Enterprises, LLC - Collierville Collierville ,TN

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                  |          |                     |                      |           |        |        |        |      |            |        |
|-----------------------------------------------|----------|---------------------|----------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                                 | Grade    |                     | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 55604                                         | 00-00-22 | Brand: 'K-Mag       |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      | 10.8      | 22     |        |        |      |            |        |
|                                               |          | Found:              | <input type="text"/> | 11.17     | 24.89  |        |        |      |            |        |
| 56364                                         | 21-00-00 | Brand: 'AS          |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 24     |        |        |      |            |        |
|                                               |          | Found:              | <input type="text"/> |           | 26.25  |        |        |      |            |        |
| 57177                                         | 21-00-00 | Brand: 'AS          |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 24     |        |        |      |            |        |
|                                               |          | Found:              | <input type="text"/> |           | 25.2   |        |        |      |            |        |
| Henry Farmers Cooperative - Murray Murray ,KY |          |                     |                      |           |        |        |        |      |            |        |
| 56400                                         | 4-00-48  |                     |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 4.8806 | 0.0396 |        |      |            | 0.0831 |
|                                               |          | Found:              | <input type="text"/> |           | 4.73   | 0.0334 |        |      |            | 0.0716 |
| 56402                                         | 4-00-48  |                     |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 4.8806 | 0.0396 |        |      |            | 0.0831 |
|                                               |          | Found:              | <input type="text"/> |           | 5.128  | 0.0400 |        |      |            | 0.0731 |
| 56615                                         | 11-20-26 |                     |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 3.4286 |        |        |      |            |        |
|                                               |          | Found:              | <input type="text"/> |           | 3.904  |        |        |      |            |        |
| 56616                                         | 11-20-26 |                     |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 3.4286 |        |        |      |            |        |
|                                               |          | Found:              | <input type="text"/> |           | 4.019  |        |        |      |            |        |
| 56617                                         | 10-20-27 |                     |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      | 0.1427    | 2.442  | 0.0426 |        |      |            | 0.099  |
|                                               |          | Found:              | <input type="text"/> | 0.44      | 3.166  | 0.0675 |        |      |            | 0.0585 |
| 56619                                         | 17-16-21 |                     |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 2.7746 | 0.0339 |        |      |            | 0.071  |
|                                               |          | Found:              | <input type="text"/> |           | 2.911  | 0.0434 |        |      |            | 0.0612 |
| 56620                                         | 17-16-21 |                     |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 2.7746 | 0.0339 |        |      |            | 0.071  |
|                                               |          | Found:              | <input type="text"/> |           | 3.32   | 0.0496 |        |      |            | 0.0711 |
| Henry Farmers Cooperative - Paris Paris ,TN   |          |                     |                      |           |        |        |        |      |            |        |
| 55240                                         | 00-00-22 | Brand: 'K-Mag       |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      | 10.8      | 22     |        |        |      |            |        |
|                                               |          | Found:              | <input type="text"/> | 11.08     | 25.04  |        |        |      |            |        |
| 56184                                         | 28-00-00 | Brand: '28-0-0 w/4S |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee:          |                      |           | 4      |        |        |      |            |        |
|                                               |          | Found:              | <input type="text"/> |           | 3.992  |        |        |      |            |        |
| Hinton Mills at Cynthiana Cynthiana ,KY       |          |                     |                      |           |        |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                                         | Sample Number | Grade    | Calcium                                                  | Magnesium | Sulfur  | Boron | Copper | Iron  | Managanese | Zinc |
|----------------------------------------------------------------------|---------------|----------|----------------------------------------------------------|-----------|---------|-------|--------|-------|------------|------|
|                                                                      | 57255         | 40-00-00 | Guarantee:                                               |           | 6       |       |        |       |            |      |
|                                                                      |               |          | Found:                                                   |           | 6.043   |       |        |       |            |      |
|                                                                      | 57256         | 40-00-00 | Guarantee:                                               |           | 6       |       |        |       |            |      |
|                                                                      |               |          | Found:                                                   |           | 5.529   |       |        |       |            |      |
|                                                                      | 57257         | 40-00-00 | Guarantee:                                               |           | 6       |       |        |       |            |      |
|                                                                      |               |          | Found:                                                   |           | 5.824   |       |        |       |            |      |
|                                                                      | 57258         | 40-00-00 | Guarantee:                                               |           | 6       |       |        |       |            |      |
|                                                                      |               |          | Found:                                                   |           | 6.436   |       |        |       |            |      |
|                                                                      | 57259         | 40-00-00 | Guarantee:                                               |           | 6       |       |        |       |            |      |
|                                                                      |               |          | Found:                                                   |           | 5.554   |       |        |       |            |      |
| Hydrite Chemical Company Brookville ,WI                              |               |          |                                                          |           |         |       |        |       |            |      |
|                                                                      | 56280         | 12-00-00 | Brand: 'ATS                                              |           |         |       |        |       |            |      |
|                                                                      |               |          | Guarantee:                                               |           | 26      |       |        |       |            |      |
|                                                                      |               |          | Found:                                                   |           | 25.0052 |       |        |       |            |      |
|                                                                      | 56281         | 7-24-6   | Brand: 'Hydri-Gro                                        |           |         |       |        |       |            |      |
|                                                                      |               |          | Guarantee:                                               |           | 4       |       |        |       |            |      |
|                                                                      |               |          | Found:                                                   |           | 4.206   |       |        |       |            |      |
|                                                                      | 57824         | 12-00-00 | Brand: 'ATS                                              |           |         |       |        |       |            |      |
|                                                                      |               |          | Guarantee:                                               |           | 26      |       |        |       |            |      |
|                                                                      |               |          | Found:                                                   |           | 26.29   |       |        |       |            |      |
| IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres ,M |               |          |                                                          |           |         |       |        |       |            |      |
|                                                                      | 55849         | 3-6-4    | Brand: 'Burpee Organic Tomato + Vegetable                |           |         |       |        |       |            |      |
|                                                                      |               |          | Guarantee:                                               | 5         | 0.8     | 1     |        | 0.3   | 0.05       |      |
|                                                                      |               |          | Found:                                                   | 5.169     | 0.715   | 1.876 |        | 0.4   | 0.03       |      |
|                                                                      | 55882         | 4-4-4    | Brand: 'Burpee Natural Organic All Purpose               |           |         |       |        |       |            |      |
|                                                                      |               |          | Guarantee:                                               | 5         | 0.8     | 1     |        | 0.3   | 0.05       |      |
|                                                                      |               |          | Found:                                                   | 3.665     | 0.803   | 1.205 |        | 0.447 | 0.0409     |      |
|                                                                      | 55887         | 3-5-6    | Brand: 'Expert Gardener Organics Vegetable & Tomato Food |           |         |       |        |       |            |      |
|                                                                      |               |          | Guarantee:                                               | 8         | 0.5     | 3     |        |       |            |      |
|                                                                      |               |          | Found:                                                   | 7.64      | 0.89    | 3.624 |        |       |            |      |
|                                                                      | 56372         | 4-4-4    | Brand: 'Burpee Natural Organic All Purpose               |           |         |       |        |       |            |      |
|                                                                      |               |          | Guarantee:                                               | 5         | 0.8     | 1     |        | 0.3   | 0.05       |      |
|                                                                      |               |          | Found:                                                   | 3.695     | 0.662   | 1.354 |        | 0.571 | 0.0341     |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                  |          |                                                |         |           |        |        |        |        |            |        |
|-----------------------------------------------|----------|------------------------------------------------|---------|-----------|--------|--------|--------|--------|------------|--------|
| Sample Number                                 | Grade    |                                                | Calcium | Magnesium | Sulfur | Boron  | Copper | Iron   | Managanese | Zinc   |
| 57570                                         | 5-4-4    | Brand: 'Expert Gardener All Purpose Plant Food |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     | 8       | 1         | 1.4    |        |        |        |            |        |
|                                               |          | Found:                                         | 5.484   | 1.056     | 1.914  |        |        |        |            |        |
| 57597                                         | 4-4-4    | Brand: 'Burpee Organic All Purpose             |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     | 5       | 0.8       | 1      |        |        | 0.3    | 0.05       |        |
|                                               |          | Found:                                         | 3.5725  | 0.6139    | 1.256  |        |        | 0.5481 | 0.0325     |        |
| Innvictis Crop Care LLC Loveland ,CO          |          |                                                |         |           |        |        |        |        |            |        |
| 56507                                         | 10-20-5  | Brand: 'Captive 10-20-5                        |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           | 1      |        |        |        |            | 0.43   |
|                                               |          | Found:                                         |         |           | 1.091  |        |        |        |            | 0.423  |
| 57541                                         | 00-00-23 | Brand: 'Diverse K                              |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           | 8      |        |        |        |            |        |
|                                               |          | Found:                                         |         |           | 7.811  |        |        |        |            |        |
| 57542                                         | 8-21-6   | Brand: 'Thrive                                 |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           |        | 0.05   | 0.1    | 0.2    | 0.1        | 0.1    |
|                                               |          | Found:                                         |         |           |        | 0.0573 | 0.0806 | 0.335  | 0.102      | 0.125  |
| 57543                                         | 12-9-6   | Brand: 'V-Agri                                 |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           |        | 0.22   | 0.05   | 0.1    | 0.2        | 0.05   |
|                                               |          | Found:                                         |         |           |        | 0.284  | 0.0477 | 0.0924 | 0.182      | 0.0527 |
| J. R. Peters Allentown ,PA                    |          |                                                |         |           |        |        |        |        |            |        |
| 56800                                         | 20-20-20 | Brand: 'Jacks Classic All Purpose              |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           |        | 0.02   | 0.05   | 0.1    | 0.05       | 0.05   |
|                                               |          | Found:                                         |         |           |        | 0.0213 | 0.0509 | 0.104  | 0.0553     | 0.0618 |
| Janes Fertilizer & Farm Supply Columbia ,KY   |          |                                                |         |           |        |        |        |        |            |        |
| 55933                                         | 21-00-00 | Brand: 'AMS                                    |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           | 24     |        |        |        |            |        |
|                                               |          | Found:                                         |         |           | 24.83  |        |        |        |            |        |
| 57422                                         | 30-00-12 |                                                |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           | 4.6154 |        |        |        |            |        |
|                                               |          | Found:                                         |         |           | 5.406  |        |        |        |            |        |
| 57605                                         | 8-13-33  |                                                |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           | 3.3333 |        |        |        |            |        |
|                                               |          | Found:                                         |         |           | 4.242  |        |        |        |            |        |
| JM Fertilizer Tampa ,FL                       |          |                                                |         |           |        |        |        |        |            |        |
| 57231                                         | 00-00-00 | Brand: 'Sulfur 90                              |         |           |        |        |        |        |            |        |
|                                               |          | Guarantee:                                     |         |           | 90     |        |        |        |            |        |
|                                               |          | Found:                                         |         |           | 92.32  |        |        |        |            |        |
| Kee's Farm Service & Supply, LLC. Grayson ,KY |          |                                                |         |           |        |        |        |        |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                    | Sample Number | Grade      | Calcium                       | Magnesium | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc   |
|-------------------------------------------------|---------------|------------|-------------------------------|-----------|--------|--------|--------|-------|------------|--------|
|                                                 | 57680         | 32-00-17   |                               |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           |        |        |        |       |            | 0.6996 |
|                                                 |               | Found:     | <input type="text"/>          |           |        |        |        |       |            | 0.722  |
| Kentucky Fertilizer - Winchester Winchester ,KY |               |            |                               |           |        |        |        |       |            |        |
|                                                 | 57193         | 35-00-00   | Brand: 'Kentucky Green        |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           | 9.5    |        |        |       |            |        |
|                                                 |               | Found:     | <input type="text"/>          |           | 9.942  |        |        |       |            |        |
|                                                 | 57753         | 35-00-00   | Brand: 'KY Green              |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           | 9.5    |        |        |       |            |        |
|                                                 |               | Found:     | <input type="text"/>          |           | 11.46  |        |        |       |            |        |
| Knox Fertilizer Company Inc Knox ,IN            |               |            |                               |           |        |        |        |       |            |        |
|                                                 | 55850         | 15-5-15    | Brand: 'Schultz Rose & Flower |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           | 7.5    | 0.02   | 0.05   | 1.11  | 0.05       | 0.05   |
|                                                 |               | Found:     | <input type="text"/>          |           | 7.714  | 0.0417 | 0.0948 | 1.227 | 0.0989     | 0.191  |
|                                                 | 57801         | 5-10-5     | Brand: 'Schultz Starter Plus  |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           |        |        |        | 0.1   |            |        |
|                                                 |               | Found:     | <input type="text"/>          |           |        |        |        | 0.103 |            |        |
| Loveland Products, Inc. Greeley ,CO             |               |            |                               |           |        |        |        |       |            |        |
|                                                 | 55823         | 7-17-3     | Brand: 'Riser 7-17-3          |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           |        |        | 0.07   | 0.2   | 0.06       | 0.95   |
|                                                 |               | Found:     | <input type="text"/>          |           |        |        | 0.089  | 0.244 | 0.0636     | 0.963  |
|                                                 | 55824         | 7-17-3     | Brand: 'Riser 7-17-3          |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           |        |        | 0.07   | 0.2   | 0.06       | 0.95   |
|                                                 |               | Found:     | <input type="text"/>          |           |        |        | 0.0637 | 0.217 | 0.0629     | 0.947  |
|                                                 | 55825         | 7-17-3     | Brand: 'Riser 7-17-3          |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           |        |        | 0.07   | 0.2   | 0.06       | 0.95   |
|                                                 |               | Found:     | <input type="text"/>          |           |        |        | 0.06   | 0.207 | 0.0597     | 0.9    |
|                                                 | 57303         | 6-20-00    | Brand: 'Black Label ZN        |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           |        |        |        |       |            | 0.77   |
|                                                 |               | Found:     | <input type="text"/>          |           |        |        |        |       |            | 0.744  |
| Marshall County Coop Benton ,KY                 |               |            |                               |           |        |        |        |       |            |        |
|                                                 | 55916         | 30-00-00   | Brand: '30-0-0                |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           | 8      |        |        |       |            |        |
|                                                 |               | Found:     | <input type="text"/>          |           | 6.8212 |        |        |       |            |        |
|                                                 | 56109         | 18-18-15   |                               |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           | 2.8    |        |        |       |            |        |
|                                                 |               | Found:     | <input type="text"/>          |           | 3.844  |        |        |       |            |        |
|                                                 | 56110         | 18-18-15   |                               |           |        |        |        |       |            |        |
|                                                 |               | Guarantee: |                               |           | 2.8    |        |        |       |            |        |
|                                                 |               | Found:     | <input type="text"/>          |           | 2.905  |        |        |       |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                   |          |                                                           | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc |       |
|------------------------------------------------|----------|-----------------------------------------------------------|----------------------|-----------|--------|--------|--------|------|------------|------|-------|
| Sample Number                                  | Grade    |                                                           |                      |           |        |        |        |      |            |      |       |
| 56672                                          | 30-00-00 | Brand: '30-0-0 w/ 8 S                                     |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 8      |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 7.773  |        |        |      |            |      |       |
| 56673                                          | 18-18-15 |                                                           |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 2.8    |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 3.779  |        |        |      |            |      |       |
| 56674                                          | 18-18-15 |                                                           |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 2.8    |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 4.084  |        |        |      |            |      |       |
| 56675                                          | 18-18-15 |                                                           |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 2.7907 |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 3.841  |        |        |      |            |      |       |
| 56676                                          | 18-18-15 |                                                           |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 2.793  |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 3.778  |        |        |      |            |      |       |
| 56677                                          | 20-9-15  |                                                           |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 4.4888 |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 4.909  |        |        |      |            |      |       |
| Martin Operating Partnership LP Kilgore ,TX    |          |                                                           |                      |           |        |        |        |      |            |      |       |
| 55199                                          | 00-00-00 | Brand: 'Disper-Sul 90%                                    |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 90     |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 93.8   |        |        |      |            |      |       |
| 56529                                          | 00-00-00 | Brand: 'Disper-Sul 90%                                    |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 90     |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 89.08  |        |        |      |            |      |       |
| Mays Lick Mill Mayslick ,KY                    |          |                                                           |                      |           |        |        |        |      |            |      |       |
| 57362                                          | 29-00-00 |                                                           |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           | 16     |        |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           | 15.24  |        |        |      |            |      |       |
| 57365                                          | 00-00-32 |                                                           |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                |                      |           |        | 0.5426 |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> |           |        | 0.5110 |        |      |            |      |       |
| Miracle-Gro Lawn Products, Inc. Marysville ,OH |          |                                                           |                      |           |        |        |        |      |            |      |       |
| 55852                                          | 18-6-12  | Brand: 'Miracle-Gro Shake n Feed Flowering Trees & Shrubs |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                | 3.3                  |           | 6.9    |        |        | 2    |            | 1    |       |
|                                                |          | Found:                                                    | <input type="text"/> | 4.138     |        | 7.883  |        |      | 2.658      |      | 1.141 |
| 55853                                          | 9-2-7    | Brand: 'Miracle-Gro Performance Organics All Purpose      |                      |           |        |        |        |      |            |      |       |
|                                                |          | Guarantee:                                                | 2                    |           | 0.5    | 1      |        |      |            |      |       |
|                                                |          | Found:                                                    | <input type="text"/> | 2.547     | 0.757  | 2.442  |        |      |            |      |       |

Highlighted values are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                                                         | Magnesium | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc   |
|--------------|---------------|----------|-----------------------------------------------------------------|-----------|--------|--------|--------|-------|------------|--------|
|              | 55901         | 11-3-8   | Brand: 'Miracle-Gro Performance Organics                        |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      | 3         |        |        | 0.05   | 0.1   | 0.05       | 0.05   |
|              |               |          | Found:                                                          | 3.991     |        |        | 0.0749 | 0.199 | 0.0729     | 0.0697 |
|              | 55909         | 10-5-15  | Brand: 'Miracle-Gro Shake n Feed Tomato Fruit & Vegetable       |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      | 5.6       | 2.9    | 6      | 0.05   | 0.92  | 0.34       | 0.11   |
|              |               |          | Found:                                                          | 6.928     | 3.432  | 7.311  | 0.0683 | 1.206 | 0.401      | 0.127  |
|              | 56374         | 9-2-7    | Brand: 'Miracle Gro Performance Organics All Purpose            |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      | 2         | 0.5    | 1      |        |       |            |        |
|              |               |          | Found:                                                          | 2.715     | 0.81   | 2.484  |        |       |            |        |
|              | 56433         | 12-4-8   | Brand: 'Miracle Gro Shake n Feed All Purpose                    |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      | 7.6       | 2.5    | 3.2    | 0.06   | 0.95  | 0.35       | 0.12   |
|              |               |          | Found:                                                          | 9.625     | 4.016  | 4.352  | 0.0705 | 1.205 | 0.383      | 0.17   |
|              | 56989         | 11-3-8   | Brand: 'Performance Organics                                    |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      | 3         |        |        | 0.05   | 0.1   | 0.05       | 0.05   |
|              |               |          | Found:                                                          | 4.824     |        |        | 0.0736 | 0.186 | 0.0687     | 0.0766 |
|              | 57575         | 18-18-21 | Brand: 'Miracle Gro Plant Food Vegetables and Herbs             |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      |           | 0.5    | 0.02   | 0.05   | 0.1   | 0.05       | 0.05   |
|              |               |          | Found:                                                          |           | 0.522  | 0.0233 | 0.0519 | 0.101 | 0.0519     | 0.0483 |
|              | 57576         | 9-2-7    | Brand: 'Performance Organics                                    |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      |           | 0.05   | 1      |        |       |            |        |
|              |               |          | Found:                                                          |           | 0.726  | 2.328  |        |       |            |        |
|              | 57804         | 9-4-9    | Brand: 'Miracle Gro Liquafeed Tomato Fruits & Vegetables        |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      |           |        |        |        |       | 0.05       | 0.05   |
|              |               |          | Found:                                                          |           |        |        |        |       | 0.0523     | 0.0568 |
|              | 57805         | 12-4-8   | Brand: 'Miracle Gro Liquafeed All Purpose                       |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      |           |        |        |        |       | 0.05       | 0.05   |
|              |               |          | Found:                                                          |           |        |        |        |       | 0.0459     | 0.0575 |
|              | 57807         | 12-4-8   | Brand: 'Miracle Gro All Purpose Plant Food                      |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      |           |        |        |        | 0.1   | 0.05       | 0.05   |
|              |               |          | Found:                                                          |           |        |        |        | 0.102 | 0.0417     | 0.0528 |
|              | 57808         | 10-3-6   | Brand: 'Nature s Care Natural All Purpose Plant Food            |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      | 3         |        | 1.5    |        |       |            |        |
|              |               |          | Found:                                                          | 4.568     |        | 1.971  |        |       |            |        |
|              | 57809         | 18-18-21 | Brand: 'Miracle Gro Water Soluble Plant Food Vegetables & Herbs |           |        |        |        |       |            |        |
|              |               |          | Guarantee:                                                      |           | 0.5    | 0.02   | 0.05   | 0.1   | 0.05       | 0.05   |
|              |               |          | Found:                                                          |           | 0.604  | 0.0287 | 0.057  | 0.122 | 0.061      | 0.054  |

Monty's Plant Food Louisville ,KY

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                         |          |                                             |                      |           |        |        |        |       |            |        |
|------------------------------------------------------|----------|---------------------------------------------|----------------------|-----------|--------|--------|--------|-------|------------|--------|
| Sample Number                                        | Grade    |                                             | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc   |
| 56380                                                | 8-16-8   | Brand: 'Premium Growth Plant Food           |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      |           |        |        |        | 0.3   |            | 0.05   |
|                                                      |          | Found:                                      | <input type="text"/> |           |        |        |        | 0.344 |            | 0.0621 |
| 56563                                                | 6-18-6   | Brand: 'Monty s 6-18-6 with Sulfur and Zinc |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      |           | 1      |        |        |       |            |        |
|                                                      |          | Found:                                      | <input type="text"/> |           | 1.15   |        |        |       |            |        |
| 56761                                                | 6-24-6   | Brand: 'Monty s Premium Blend 6-24-6        |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      |           | 1      |        |        |       |            | 0.05   |
|                                                      |          | Found:                                      | <input type="text"/> |           | 1.042  |        |        |       |            | 0.0418 |
| 56959                                                | 6-18-6   | Brand: 'Monty s 6-18-6 with Sulfur and Zinc |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      |           | 1      |        |        |       |            | 0.05   |
|                                                      |          | Found:                                      | <input type="text"/> |           | 1.006  |        |        |       |            | 0.0486 |
| 56960                                                | 6-00-00  | Brand: 'Monty s 6-18-6 with Sulfur and Zinc |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      |           | 1      |        |        |       |            | 0.05   |
|                                                      |          | Found:                                      | <input type="text"/> |           | 0.81   |        |        |       |            | 0.0457 |
| 57030                                                | 00-00-00 | Brand: 'Dri-Sulfur 42                       |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      |           | 42     |        |        |       |            |        |
|                                                      |          | Found:                                      | <input type="text"/> |           | 42.72  |        |        |       |            |        |
| Nachurs Alpine Solutions Corporation Marion ,OH      |          |                                             |                      |           |        |        |        |       |            |        |
| 56988                                                | 5-15-15  | Brand: 'Nachurs Big Leaf                    |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      |           | 1      |        |        |       |            | 0.05   |
|                                                      |          | Found:                                      | <input type="text"/> |           | 0.979  |        |        |       |            | 0.0587 |
| NOT IN USAPLANTS Lexington ,KY                       |          |                                             |                      |           |        |        |        |       |            |        |
| 56802                                                | 17-9-26  | Brand: 'Epiphyte s Delight                  |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      |           |        | 0.02   | 0.05   | 0.1   | 0.05       | 0.05   |
|                                                      |          | Found:                                      | <input type="text"/> |           |        | 0.0036 | 0.0013 | 0.102 | 0.0529     | 0.0033 |
| Nutrien Ag Solutions - Russellville Russellville ,KY |          |                                             |                      |           |        |        |        |       |            |        |
| 55453                                                | 8-20-26  |                                             |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      | 2.3572    | 4.7144 |        |        |       |            |        |
|                                                      |          | Found:                                      | <input type="text"/> | 2.772     | 6.352  |        |        |       |            |        |
| 55454                                                | 8-20-26  |                                             |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      | 2.3572    | 4.7144 |        |        |       |            |        |
|                                                      |          | Found:                                      | <input type="text"/> | 2.896     | 6.473  |        |        |       |            |        |
| 55455                                                | 9-23-25  |                                             |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      | 1.5715    | 3.143  |        |        |       |            |        |
|                                                      |          | Found:                                      | <input type="text"/> | 2.195     | 4.955  |        |        |       |            |        |
| 55456                                                | 9-23-25  |                                             |                      |           |        |        |        |       |            |        |
|                                                      |          | Guarantee:                                  |                      | 1.5715    | 3.143  |        |        |       |            |        |
|                                                      |          | Found:                                      | <input type="text"/> | 2.122     | 4.83   |        |        |       |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                             |          |            |                      |           |        |       |        |      |            |      |
|----------------------------------------------------------|----------|------------|----------------------|-----------|--------|-------|--------|------|------------|------|
| Sample Number                                            | Grade    |            | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc |
| 55457                                                    | 8-20-26  |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      | 2.357     | 4.7139 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> | 2.829     | 6.811  |       |        |      |            |      |
| 55458                                                    | 8-20-26  |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      | 2.357     | 4.7139 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> | 2.868     | 6.288  |       |        |      |            |      |
| 55459                                                    | 8-20-26  |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      | 2.3572    | 4.7144 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> | 2.981     | 6.591  |       |        |      |            |      |
| 55460                                                    | 8-20-26  |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      | 2.3572    | 4.7144 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> | 2.962     | 6.785  |       |        |      |            |      |
| 55461                                                    | 9-23-25  |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      | 1.5715    | 3.143  |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> | 1.983     | 4.167  |       |        |      |            |      |
| 55462                                                    | 9-23-25  |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      | 1.5715    | 3.143  |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> | 2.251     | 4.914  |       |        |      |            |      |
| Nutrien Ag Solutions - Campbellsville Campbellsville ,KY |          |            |                      |           |        |       |        |      |            |      |
| 57072                                                    | 42-00-00 |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      |           | 3.5249 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> |           | 2.5246 |       |        |      |            |      |
| 57073                                                    | 42-00-00 |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      |           | 3.5249 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> |           | 2.4734 |       |        |      |            |      |
| 57074                                                    | 18-17-17 |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      |           | 4.3051 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> |           | 4.788  |       |        |      |            |      |
| 57075                                                    | 18-17-17 |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      |           | 4.3051 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> |           | 5.143  |       |        |      |            |      |
| 57076                                                    | 18-17-17 |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      |           | 4.3051 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> |           | 5.189  |       |        |      |            |      |
| 57079                                                    | 40-00-00 |            |                      |           |        |       |        |      |            |      |
|                                                          |          | Guarantee: |                      |           | 4.7497 |       |        |      |            |      |
|                                                          |          | Found:     | <input type="text"/> |           | 5.122  |       |        |      |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                 |          | Sample Number | Grade | Calcium | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc     |
|----------------------------------------------|----------|---------------|-------|---------|-----------|--------|-------|--------|------|------------|----------|
| 57080                                        | 19-00-25 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 6.7601 |       |        |      |            | 0.2641   |
|                                              |          | Found:        |       |         |           | 7.043  |       |        |      |            | 0.232996 |
| 57081                                        | 18-18-18 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 4.3961 |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 5.026  |       |        |      |            |          |
| Nutrien Ag Solutions - Cecilia Cecilia ,KY   |          |               |       |         |           |        |       |        |      |            |          |
| 56413                                        | 7-24-24  |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 5.9908 |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 6.32   |       |        |      |            |          |
| 56414                                        | 7-24-24  |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 5.9908 |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 6.67   |       |        |      |            |          |
| Nutrien Ag Solutions - Clarkson Clarkson ,KY |          |               |       |         |           |        |       |        |      |            |          |
| 56416                                        | 18-12-18 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       | 3.15    |           | 2.55   |       |        |      |            |          |
|                                              |          | Found:        |       | 3.541   |           | 3.103  |       |        |      |            |          |
| 56417                                        | 18-12-18 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       | 3.15    |           | 2.55   |       |        |      |            |          |
|                                              |          | Found:        |       | 3.167   |           | 3.058  |       |        |      |            |          |
| Nutrien Ag Solutions - Clay Clay ,KY         |          |               |       |         |           |        |       |        |      |            |          |
| 57443                                        | 16-15-22 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 3.748  |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 4.387  |       |        |      |            |          |
| 57444                                        | 16-15-22 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 3.748  |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 4.376  |       |        |      |            |          |
| 57445                                        | 10-18-27 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 4.4788 |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 5.085  |       |        |      |            |          |
| 57446                                        | 10-18-27 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 4.4788 |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 5.197  |       |        |      |            |          |
| 57447                                        | 10-18-27 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 4.4422 |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 5.192  |       |        |      |            |          |
| 57448                                        | 10-18-27 |               |       |         |           |        |       |        |      |            |          |
|                                              |          | Guarantee:    |       |         |           | 4.4423 |       |        |      |            |          |
|                                              |          | Found:        |       |         |           | 5.044  |       |        |      |            |          |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                               |          |            |                      |           |        |        |        |      |            |        |
|--------------------------------------------|----------|------------|----------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                              | Grade    |            | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 57449                                      | 6-20-30  |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 4.9974 |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 5.538  |        |        |      |            |        |
| 57450                                      | 6-20-30  |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 4.9973 |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 5.856  |        |        |      |            |        |
| 57451                                      | 6-20-30  |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 4.9973 |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 5.356  |        |        |      |            |        |
| Nutrien Ag Solutions - Clinton Clinton ,KY |          |            |                      |           |        |        |        |      |            |        |
| 55520                                      | 4-6-21   |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 4.5837 | 0.1147 |        |      |            | 0.4284 |
|                                            |          | Found:     | <input type="text"/> |           | 5.736  | 0.1330 |        |      |            | 0.455  |
| 55524                                      | 4-4-23   |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 5.1173 | 0.1292 |        |      |            | 0.4814 |
|                                            |          | Found:     | <input type="text"/> |           | 6.937  | 0.1570 |        |      |            | 0.663  |
| 55525                                      | 6-20-30  |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 5      |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 5.965  |        |        |      |            |        |
| 55526                                      | 6-20-30  |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 5      |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 5.039  |        |        |      |            |        |
| 57170                                      | 10-00-30 |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 10.5   |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 13     |        |        |      |            |        |
| 57171                                      | 10-00-30 |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 10.5   |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 13.3   |        |        |      |            |        |
| 57321                                      | 10-12-30 |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 6      |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 6.674  |        |        |      |            |        |
| 57322                                      | 10-12-30 |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 6      |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 6.381  |        |        |      |            |        |
| Nutrien Ag Solutions - Ekron Ekron ,KY     |          |            |                      |           |        |        |        |      |            |        |
| 56575                                      | 16-16-16 |            |                      |           |        |        |        |      |            |        |
|                                            |          | Guarantee: |                      |           | 3.9546 |        |        |      |            |        |
|                                            |          | Found:     | <input type="text"/> |           | 4.214  |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                     |          | Grade      | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc   |
|--------------------------------------------------|----------|------------|----------------------|-----------|--------|-------|--------|------|------------|--------|
| Sample Number                                    |          |            |                      |           |        |       |        |      |            |        |
| 56576                                            | 24-18-8  |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 4.3781 |       |        |      |            | 0.4842 |
|                                                  |          | Found:     | <input type="text"/> |           | 4.334  |       |        |      |            | 0.489  |
| 56577                                            | 24-18-8  |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 4.3781 |       |        |      |            | 0.4842 |
|                                                  |          | Found:     | <input type="text"/> |           | 4.036  |       |        |      |            | 0.452  |
| 56578                                            | 17-17-17 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 4.3043 |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 4.679  |       |        |      |            |        |
| 56582                                            | 18-17-17 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 4.2802 |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 4.499  |       |        |      |            |        |
| 56583                                            | 18-18-18 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 4.3981 |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 4.532  |       |        |      |            |        |
| 56584                                            | 25-13-13 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 3.183  |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 3.442  |       |        |      |            |        |
| 56585                                            | 23-14-14 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 3.5032 |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 3.937  |       |        |      |            |        |
| 56586                                            | 23-14-14 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 3.5047 |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 3.797  |       |        |      |            |        |
| Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY |          |            |                      |           |        |       |        |      |            |        |
| 56393                                            | 11-18-24 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 5.0382 |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 5.732  |       |        |      |            |        |
| 56394                                            | 11-18-24 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 5.0382 |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 5.757  |       |        |      |            |        |
| 56397                                            | 11-18-24 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 5.04   |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 5.294  |       |        |      |            |        |
| 56398                                            | 11-18-24 |            |                      |           |        |       |        |      |            |        |
|                                                  |          | Guarantee: |                      |           | 5.04   |       |        |      |            |        |
|                                                  |          | Found:     | <input type="text"/> |           | 5.65   |       |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                               |          |                            |                                    |           |        |        |        |        |            |       |
|--------------------------------------------|----------|----------------------------|------------------------------------|-----------|--------|--------|--------|--------|------------|-------|
| Sample Number                              | Grade    |                            | Calcium                            | Magnesium | Sulfur | Boron  | Copper | Iron   | Managanese | Zinc  |
| 57122                                      | 8-00-37  |                            |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           | 9.282  |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           | 9.78   |        |        |        |            |       |
| 57123                                      | 11-18-24 |                            |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           | 4.76   |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           | 5.727  |        |        |        |            |       |
| 57124                                      | 11-18-24 |                            |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           | 4.76   |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           | 5.792  |        |        |        |            |       |
| 57125                                      | 11-18-24 |                            |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           | 4.76   |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           | 5.608  |        |        |        |            |       |
| 57126                                      | 7-17-31  |                            |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 | 0.6667                             |           | 3.3333 | 0.05   |        | 0.0333 |            | 0.5   |
|                                            |          | Found:                     | <input type="text" value="0.904"/> |           | 4.43   | 0.0444 |        | 0.413  |            | 0.507 |
| 57127                                      | 7-17-31  |                            |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 | 0.6667                             |           | 3.3333 | 0.05   |        | 0.0333 |            | 0.5   |
|                                            |          | Found:                     | <input type="text" value="0.931"/> |           | 4.464  | 0.0497 |        | 0.41   |            | 0.539 |
| Nutrien Ag Solutions - Greeley Greeley ,CO |          |                            |                                    |           |        |        |        |        |            |       |
| 55201                                      | 12-40-00 | Brand: 'MES                |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           | 10     |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           | 10.86  |        |        |        |            |       |
| 55247                                      | 00-00-22 | Brand: 'K-Mag              |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    | 11        | 22     |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               | 11.22     | 24.6   |        |        |        |            |       |
| 55249                                      | 12-40-00 | Brand: 'MES 10             |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           | 10     |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           | 10.36  |        |        |        |            |       |
| 55250                                      | 12-40-00 | Brand: 'MES 10             |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           | 10     |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           | 10.01  |        |        |        |            |       |
| 55271                                      | 12-40-00 | Brand: 'MES10              |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           | 10     |        |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           | 10.01  |        |        |        |            |       |
| 55335                                      | 00-00-58 | Brand: '0-0-58-0.5B Aspire |                                    |           |        |        |        |        |            |       |
|                                            |          | Guarantee:                 |                                    |           |        | 0.5    |        |        |            |       |
|                                            |          | Found:                     | <input type="text"/>               |           |        | 0.478  |        |        |            |       |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                                                         | Magnesium     | Sulfur      | Boron         | Copper | Iron | Managanese | Zinc        |
|--------------|---------------|----------|-----------------------------------------------------------------|---------------|-------------|---------------|--------|------|------------|-------------|
|              | 55337         | 12-40-00 | Brand: 'MES10<br>Guarantee:<br>Found: <input type="text"/>      |               | 10<br>10.2  |               |        |      |            |             |
|              | 55341         | 12-40-00 | Brand: 'MES10<br>Guarantee:<br>Found: <input type="text"/>      |               | 10<br>10.04 |               |        |      |            |             |
|              | 55521         | 12-40-00 | Brand: 'MES 10<br>Guarantee:<br>Found: <input type="text"/>     |               | 10<br>10.99 |               |        |      |            |             |
|              | 55523         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>         |               | 24<br>25.4  |               |        |      |            |             |
|              | 55612         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>         |               | 24<br>26.91 |               |        |      |            |             |
|              | 55615         | 12-40-00 | Brand: 'MES 10<br>Guarantee:<br>Found: <input type="text"/>     |               | 10<br>11.88 |               |        |      |            |             |
|              | 55617         | 00-00-22 | Brand: 'Sul-Po-Mag<br>Guarantee:<br>Found: <input type="text"/> | 11<br>10.71   | 22<br>22.78 |               |        |      |            |             |
|              | 55643         | 12-40-00 | Brand: 'MES 10<br>Guarantee:<br>Found: <input type="text"/>     |               | 10<br>10.87 |               |        |      |            |             |
|              | 55645         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>         |               | 24<br>24.61 |               |        |      |            |             |
|              | 55683         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>         |               | 24<br>24.54 |               |        |      |            |             |
|              | 55685         | 00-00-58 | Brand: 'Aspire<br>Guarantee:<br>Found: <input type="text"/>     |               |             | 0.5<br>0.5230 |        |      |            |             |
|              | 55686         | 12-40-00 | Brand: 'MES Z<br>Guarantee:<br>Found: <input type="text"/>      |               | 10<br>10.91 |               |        |      |            | 1<br>0.9196 |
|              | 55689         | 00-00-22 | Brand: 'K-Mag<br>Guarantee:<br>Found: <input type="text"/>      | 11<br>10.3169 | 22<br>22.71 |               |        |      |            |             |

Highlighted values are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                  | Magnesium | Sulfur  | Boron  | Copper | Iron | Managanese | Zinc  |
|--------------|---------------|----------|--------------------------|-----------|---------|--------|--------|------|------------|-------|
|              | 55713         | 00-00-00 | Brand: 'SUL4-PLUS        |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               | 21        | 17      |        |        |      |            |       |
|              |               |          | Found:                   | 18.119    | 16.2621 | 0.0020 |        |      |            |       |
|              | 55714         | 21-00-00 | Brand: 'AMS              |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 24      |        |        |      |            |       |
|              |               |          | Found:                   |           | 25.03   |        |        |      |            |       |
|              | 55754         | 00-00-00 | Brand: 'Sul4r-Plus       |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               | 18        | 16      | 0.5    |        |      |            | 1.5   |
|              |               |          | Found:                   | 19.3311   | 16.0669 | 0.5160 |        |      |            | 1.501 |
|              | 55759         | 20-00-00 | Brand: AS                |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 24      |        |        |      |            |       |
|              |               |          | Found:                   |           | 23.78   |        |        |      |            |       |
|              | 55821         | 12-40-00 | Brand: 'MEZ              |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 10      |        |        |      |            |       |
|              |               |          | Found:                   |           | 10.84   |        |        |      |            |       |
|              | 55827         | 00-00-58 | Brand: 'Aspire 0-0-58    |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           |         | 0.5    |        |      |            |       |
|              |               |          | Found:                   |           |         | 0.5310 |        |      |            |       |
|              | 55829         | 12-40-00 | Brand: 'MES10            |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 10      |        |        |      |            |       |
|              |               |          | Found:                   |           | 10.22   |        |        |      |            |       |
|              | 55976         | 12-40-00 | Brand: 'MES              |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 10      |        |        |      |            |       |
|              |               |          | Found:                   |           | 9.782   |        |        |      |            |       |
|              | 55977         | 12-40-00 | Brand: 'MES              |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 10      |        |        |      |            |       |
|              |               |          | Found:                   |           | 9.879   |        |        |      |            |       |
|              | 56010         | 20-00-00 | Brand: 'Ammonium Sulfate |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 24      |        |        |      |            |       |
|              |               |          | Found:                   |           | 23.35   |        |        |      |            |       |
|              | 56012         | 12-40-00 | Brand: 'MES 10           |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 10      |        |        |      |            |       |
|              |               |          | Found:                   |           | 10.45   |        |        |      |            |       |
|              | 56073         | 12-40-00 | Brand: 'MES10            |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 10      |        |        |      |            |       |
|              |               |          | Found:                   |           | 11.05   |        |        |      |            |       |
|              | 56158         | 20-00-00 | Brand: 'AMS              |           |         |        |        |      |            |       |
|              |               |          | Guarantee:               |           | 24      |        |        |      |            |       |
|              |               |          | Found:                   |           | 25.7    |        |        |      |            |       |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                                                     | Magnesium   | Sulfur        | Boron | Copper | Iron | Managanese | Zinc |
|--------------|---------------|----------|-------------------------------------------------------------|-------------|---------------|-------|--------|------|------------|------|
|              | 56396         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>     |             | 24<br>23.64   |       |        |      |            |      |
|              | 56574         | 12-40-00 | Brand: 'MES 10<br>Guarantee:<br>Found: <input type="text"/> |             | 10<br>9.53    |       |        |      |            |      |
|              | 56579         | 00-00-22 | Brand: 'KMag<br>Guarantee:<br>Found: <input type="text"/>   | 11<br>11.01 | 22<br>21.35   |       |        |      |            |      |
|              | 56822         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>     |             | 24<br>25.31   |       |        |      |            |      |
|              | 56831         | 12-40-00 | Brand: 'MES 10<br>Guarantee:<br>Found: <input type="text"/> |             | 10<br>10.1    |       |        |      |            |      |
|              | 56837         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>     |             | 24<br>25.4381 |       |        |      |            |      |
|              | 56952         | 12-40-00 | Brand: 'MES 10<br>Guarantee:<br>Found: <input type="text"/> |             | 10<br>10.85   |       |        |      |            |      |
|              | 56963         | 12-40-00 | Brand: 'MEZ<br>Guarantee:<br>Found: <input type="text"/>    |             | 10<br>10.68   |       |        |      |            |      |
|              | 57085         | 12-40-00 | Brand: 'MES10<br>Guarantee:<br>Found: <input type="text"/>  |             | 10<br>10.56   |       |        |      |            |      |
|              | 57121         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>     |             | 23.8<br>25.3  |       |        |      |            |      |
|              | 57517         | 12-40-00 | Brand: 'MES 10<br>Guarantee:<br>Found: <input type="text"/> |             | 10<br>10.36   |       |        |      |            |      |
|              | 57519         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>     |             | 24<br>23.12   |       |        |      |            |      |
|              | 57562         | 12-40-00 | Brand: 'MES 10<br>Guarantee:<br>Found: <input type="text"/> |             | 10<br>10.74   |       |        |      |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                       |          |            |                                    |           |        |        |        |      |            |        |
|----------------------------------------------------|----------|------------|------------------------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                                      | Grade    |            | Calcium                            | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 57567                                              | 21-00-00 | Brand: 'AS |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 24     |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 24.1   |        |        |      |            |        |
| Nutrien Ag Solutions - Hardin Hardin ,KY           |          |            |                                    |           |        |        |        |      |            |        |
| 57281                                              | 12-12-30 |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 3.5443 |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 4.276  |        |        |      |            |        |
| 57282                                              | 12-12-30 |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 3.5443 |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 4.423  |        |        |      |            |        |
| 57283                                              | 13-12-30 |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 2.999  |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 3.581  |        |        |      |            |        |
| 57284                                              | 13-12-30 |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 2.999  |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 3.882  |        |        |      |            |        |
| 57285                                              | 13-12-30 |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 2.999  |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 3.77   |        |        |      |            |        |
| 57286                                              | 13-12-30 |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 2.999  |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 3.372  |        |        |      |            |        |
| Nutrien Ag Solutions - Hodgenville Hodgenville ,KY |          |            |                                    |           |        |        |        |      |            |        |
| 55560                                              | 00-7-20  |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: | 4.7421                             |           | 4.2152 | 0.1317 |        |      |            | 0.3952 |
|                                                    |          | Found:     | <input type="text" value="6.663"/> |           | 4.129  | 0.1240 |        |      |            | 0.378  |
| Nutrien Ag Solutions - Horse Cave Horse Cave ,KY   |          |            |                                    |           |        |        |        |      |            |        |
| 55465                                              | 11-15-23 |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 3.9773 |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 4.684  |        |        |      |            |        |
| 56197                                              | 20-18-18 |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 1.6    |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 2.465  |        |        |      |            |        |
| 56790                                              | 2-17-30  |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    |           | 1.7778 |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               |           | 2.92   |        |        |      |            |        |
| 56792                                              | 24-15-6  |            |                                    |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                                    | 2.933     | 5.8659 |        |        |      |            |        |
|                                                    |          | Found:     | <input type="text"/>               | 2.903     | 6.33   |        |        |      |            |        |
| Nutrien Ag Solutions - Kevil Kevil ,KY             |          |            |                                    |           |        |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                               |          |            |                                    |           |        |        |        |      |            |        |
|------------------------------------------------------------|----------|------------|------------------------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                                              | Grade    |            | Calcium                            | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 57304                                                      | 11-19-25 |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 4      |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 4.564  |        |        |      |            |        |
| Nutrien Ag Solutions - Lebanon Lebanon ,KY                 |          |            |                                    |           |        |        |        |      |            |        |
| 57396                                                      | 26-00-17 |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: | 2.1397                             |           | 2.2823 | 0.0713 |        |      |            | 0.214  |
|                                                            |          | Found:     | <input type="text" value="2.852"/> |           | 2.348  | 0.0685 |        |      |            | 0.209  |
| 57400                                                      | 8-19-25  |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: | 2.4989                             |           | 2.6655 | 0.0833 |        |      |            | 0.2499 |
|                                                            |          | Found:     | <input type="text" value="3.423"/> |           | 3.346  | 0.0858 |        |      |            | 0.232  |
| 57401                                                      | 22-8-16  |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: | 2.0525                             |           | 2.1893 | 0.0684 |        |      |            | 0.2052 |
|                                                            |          | Found:     | <input type="text" value="2.652"/> |           | 2.397  | 0.0691 |        |      |            | 0.185  |
| Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY |          |            |                                    |           |        |        |        |      |            |        |
| 57836                                                      | 30-00-00 |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 2.6006 |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 5.279  |        |        |      |            |        |
| 57838                                                      | 32-00-00 |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 0.65   |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 0.821  |        |        |      |            |        |
| 57845                                                      | 29-00-00 |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 3.8417 |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 7.186  |        |        |      |            |        |
| 57846                                                      | 26-00-00 |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 4.0322 |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 4.383  |        |        |      |            |        |
| 57847                                                      | 26-00-00 |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 4.0415 |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 4.032  |        |        |      |            |        |
| Nutrien Ag Solutions - Morganfield Morganfield ,KY         |          |            |                                    |           |        |        |        |      |            |        |
| 56735                                                      | 6-20-30  |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 5      |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 4.991  |        |        |      |            |        |
| 56736                                                      | 6-20-30  |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 5      |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 5.156  |        |        |      |            |        |
| 56737                                                      | 6-20-30  |            |                                    |           |        |        |        |      |            |        |
|                                                            |          | Guarantee: |                                    |           | 5      |        |        |      |            |        |
|                                                            |          | Found:     | <input type="text"/>               |           | 5.015  |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                   |          | Grade      | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc  |
|------------------------------------------------|----------|------------|----------------------|-----------|--------|-------|--------|------|------------|-------|
| Sample Number                                  |          |            |                      |           |        |       |        |      |            |       |
| 56738                                          | 6-20-30  |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 5      |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 5.152  |       |        |      |            |       |
| 56739                                          | 15-43-00 |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 5      |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 5.777  |       |        |      |            |       |
| 56740                                          | 15-43-00 |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 5      |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 5.814  |       |        |      |            |       |
| Nutrien Ag Solutions - Pembroke Pembroke ,KY   |          |            |                      |           |        |       |        |      |            |       |
| 55316                                          | 8-24-26  |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 4.2857 |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 4.41   |       |        |      |            |       |
| 55317                                          | 8-24-26  |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 4.2857 |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 4.818  |       |        |      |            |       |
| 55318                                          | 8-24-26  |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 4.2857 |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 4.154  |       |        |      |            |       |
| 56267                                          | 14-16-23 |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 4      | 0.2   |        |      |            | 0.4   |
|                                                |          | Found:     | <input type="text"/> |           | 4.641  | 0.205 |        |      |            | 0.411 |
| 56268                                          | 6-20-28  |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 5.1    | 0.245 |        |      |            | 0.51  |
|                                                |          | Found:     | <input type="text"/> |           | 5.878  | 0.245 |        |      |            | 0.509 |
| 56269                                          | 6-20-28  |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 5.1    | 0.245 |        |      |            | 0.51  |
|                                                |          | Found:     | <input type="text"/> |           | 5.683  | 0.248 |        |      |            | 0.494 |
| Nutrien Ag Solutions - Riverport Owensboro ,KY |          |            |                      |           |        |       |        |      |            |       |
| 56903                                          | 11-19-25 |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 3.7575 |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 4.186  |       |        |      |            |       |
| 56904                                          | 11-19-25 |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 3.7758 |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 4.482  |       |        |      |            |       |
| 56905                                          | 11-19-25 |            |                      |           |        |       |        |      |            |       |
|                                                |          | Guarantee: |                      |           | 3.7575 |       |        |      |            |       |
|                                                |          | Found:     | <input type="text"/> |           | 4.268  |       |        |      |            |       |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                       |          |            |                   |           |        |        |        |      |            |        |
|----------------------------------------------------|----------|------------|-------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                                      | Grade    |            | Calcium           | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 56906                                              | 11-19-25 |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                   |           | 3.7575 |        |        |      |            |        |
|                                                    |          | Found:     | <div></div>       |           | 4.379  |        |        |      |            |        |
| 56911                                              | 4-13-40  |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                   |           | 3.3371 |        |        |      |            |        |
|                                                    |          | Found:     | <div></div>       |           | 3.449  |        |        |      |            |        |
| Nutrien Ag Solutions - Sedalia Sedalia ,KY         |          |            |                   |           |        |        |        |      |            |        |
| 56188                                              | 9-23-20  |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                   | 2.75      | 5.5    |        |        |      |            |        |
|                                                    |          | Found:     | <div></div>       | 3.111     | 7.181  |        |        |      |            |        |
| 56189                                              | 9-23-20  |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                   | 2.75      | 5.5    |        |        |      |            |        |
|                                                    |          | Found:     | <div></div>       | 3.039     | 7.131  |        |        |      |            |        |
| Nutrien Ag Solutions - Shelbyville Shelbyville ,KY |          |            |                   |           |        |        |        |      |            |        |
| 56993                                              | 22-6-6   |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: | 5.6594            |           | 5.0306 | 0.1572 |        |      |            | 0.4716 |
|                                                    |          | Found:     | <div>6.299</div>  |           | 5.455  | 0.1620 |        |      |            | 0.395  |
| 57792                                              | 4-10-27  |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: | 5.9982            |           | 5.3317 | 0.1666 |        |      |            | 0.4998 |
|                                                    |          | Found:     | <div>5.569</div>  |           | 4.979  | 0.1880 |        |      |            | 0.5    |
| 57793                                              | 18-13-17 |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: | 3.1026            |           | 2.7579 | 0.0862 |        |      |            | 0.2585 |
|                                                    |          | Found:     | <div>3.97</div>   |           | 3.254  | 0.1100 |        |      |            | 0.259  |
| Nutrien Ag Solutions - Union City Union City ,TN   |          |            |                   |           |        |        |        |      |            |        |
| 56830                                              | 12-17-22 |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                   |           | 5.9976 |        |        |      |            |        |
|                                                    |          | Found:     | <div></div>       |           | 6.328  |        |        |      |            |        |
| 57596                                              | 11-20-26 |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: |                   |           | 3.4284 |        |        |      |            |        |
|                                                    |          | Found:     | <div></div>       |           | 4.631  |        |        |      |            |        |
| Nutrien Ag Solutions - Upton Upton ,KY             |          |            |                   |           |        |        |        |      |            |        |
| 55421                                              | 00-8-20  |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: | 5.2654            |           | 4.2625 |        |        |      |            |        |
|                                                    |          | Found:     | <div>7.7482</div> |           | 4.21   |        |        |      |            |        |
| 55422                                              | 00-7-20  |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: | 5.5375            |           | 4.4827 |        |        |      |            |        |
|                                                    |          | Found:     | <div>8.1586</div> |           | 4.639  |        |        |      |            |        |
| 55423                                              | 00-7-20  |            |                   |           |        |        |        |      |            |        |
|                                                    |          | Guarantee: | 5.5375            |           | 4.4827 |        |        |      |            |        |
|                                                    |          | Found:     | <div>6.702</div>  |           | 4.384  |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                               |         |            |         |           |        |        |        |      |            |        |
|--------------------------------------------|---------|------------|---------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                              | Grade   |            | Calcium | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 55424                                      | 00-7-20 | Guarantee: | 5.5375  |           | 4.4827 |        |        |      |            |        |
|                                            |         | Found:     | 6.643   |           | 4.457  |        |        |      |            |        |
| 56549                                      | 9-22-29 | Guarantee: | 0.3226  | 0.1613    | 0.0484 | 0.3226 |        |      |            |        |
|                                            |         | Found:     | 0.477   | 0.575     | 1.008  | 0.3180 |        |      |            |        |
| 56564                                      | 7-23-23 | Guarantee: |         |           | 5.828  |        |        |      |            | 0.5686 |
|                                            |         | Found:     |         |           | 6.492  |        |        |      |            | 0.572  |
| 56565                                      | 7-23-23 | Guarantee: |         |           | 5.828  |        |        |      |            | 0.5686 |
|                                            |         | Found:     |         |           | 6.476  |        |        |      |            | 0.589  |
| 56566                                      | 7-23-23 | Guarantee: |         |           | 5.828  |        |        |      |            | 0.5686 |
|                                            |         | Found:     |         |           | 6.6    |        |        |      |            | 0.602  |
| Nutrien Ag Solutions - Waverly Waverly ,KY |         |            |         |           |        |        |        |      |            |        |
| 55527                                      | 4-15-22 | Guarantee: |         |           | 3.7342 |        |        |      |            |        |
|                                            |         | Found:     |         |           | 3.493  |        |        |      |            |        |
| 55528                                      | 4-15-22 | Guarantee: |         |           | 3.7342 |        |        |      |            |        |
|                                            |         | Found:     |         |           | 4.415  |        |        |      |            |        |
| 55529                                      | 4-15-22 | Guarantee: |         |           | 3.7342 |        |        |      |            |        |
|                                            |         | Found:     |         |           | 4.151  |        |        |      |            |        |
| 55530                                      | 4-15-22 | Guarantee: |         |           | 3.7342 |        |        |      |            |        |
|                                            |         | Found:     |         |           | 4.054  |        |        |      |            |        |
| 55531                                      | 4-15-22 | Guarantee: |         |           | 3.7342 |        |        |      |            |        |
|                                            |         | Found:     |         |           | 3.892  |        |        |      |            |        |
| 55532                                      | 4-15-22 | Guarantee: |         |           | 3.7342 |        |        |      |            |        |
|                                            |         | Found:     |         |           | 4.19   |        |        |      |            |        |
| 55533                                      | 6-20-29 | Guarantee: |         |           | 4.9821 | 0.1243 |        |      |            | 0.0272 |
|                                            |         | Found:     |         |           | 5.391  | 0.1330 |        |      |            | 0.0423 |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                               | Sample Number | Grade    | Calcium                           | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
|------------------------------------------------------------|---------------|----------|-----------------------------------|-----------|--------|--------|--------|------|------------|--------|
| Nutrien Ag Solutions Inc Henderson ,KY                     | 55534         | 6-20-29  | Guarantee:                        |           | 4.9821 | 0.1243 |        |      |            | 0.0272 |
|                                                            |               |          | Found:                            |           | 5.448  | 0.1350 |        |      |            | 0.0307 |
|                                                            | 55535         | 6-20-29  | Guarantee:                        |           | 4.9821 | 0.1243 |        |      |            | 0.0272 |
|                                                            |               |          | Found:                            |           | 5.243  | 0.1380 |        |      |            | 0.0664 |
| Oregon Ag, LLC. Lititz ,PA                                 | 55536         | 6-20-29  | Guarantee:                        |           | 4.9821 | 0.1243 |        |      |            | 0.0272 |
|                                                            |               |          | Found:                            |           | 5.159  | 0.1400 |        |      |            | 0.0367 |
|                                                            | 55537         | 6-20-29  | Guarantee:                        |           | 4.9821 | 0.1243 |        |      |            | 0.0272 |
|                                                            |               |          | Found:                            |           | 4.869  | 0.1440 |        |      |            | 0.0614 |
| Organic Laboratories Inc Fort Pierce ,FL                   | 57829         | 32-00-00 | Guarantee:                        |           | 0.0531 |        |        |      |            |        |
|                                                            |               |          | Found:                            |           | 0.0361 |        |        |      |            |        |
|                                                            | 57834         | 32-00-00 | Guarantee:                        |           | 0.0533 |        |        |      |            |        |
|                                                            |               |          | Found:                            |           | 0.0353 |        |        |      |            |        |
| Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL | 57843         | 31-00-00 | Guarantee:                        |           | 0.3495 |        |        |      |            |        |
|                                                            |               |          | Found:                            |           | 0.419  |        |        |      |            |        |
|                                                            | 55948         | 10-10-10 | Brand: 'Super Start with Potash   |           |        |        |        |      |            |        |
|                                                            |               |          | Guarantee:                        | 3         | 14     | 0.15   |        |      |            |        |
| Otis Bryant & Son, Inc. Caneyville ,KY                     | 56540         | 20-00-27 | Found:                            | 9.836     | 13.5   | 0.1250 |        |      |            |        |
|                                                            |               |          |                                   |           |        |        |        |      |            |        |
|                                                            | 56542         | 18-18-19 | Guarantee:                        |           | 3.8298 |        |        |      |            |        |
|                                                            |               |          | Found:                            |           | 3.791  |        |        |      |            |        |
| Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL | 55888         | 4-2-6    | Brand: 'Plant Doctor Tomato Maker |           |        |        |        |      |            |        |
|                                                            |               |          | Guarantee:                        | 6         | 0.5    |        |        | 0.3  |            |        |
|                                                            |               |          | Found:                            | 6.519     | 3.334  |        |        | 0.41 |            |        |
|                                                            |               |          |                                   |           |        |        |        |      |            |        |

Highlighted values are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                            |          |                                               |         |           |        |        |        |       |            |       |
|-----------------------------------------|----------|-----------------------------------------------|---------|-----------|--------|--------|--------|-------|------------|-------|
| Sample Number                           | Grade    |                                               | Calcium | Magnesium | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc  |
| 55333                                   | 2-4-3    | Brand: 'HG 2-4-3                              |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    | 8       |           |        |        |        |       |            |       |
|                                         |          | Found:                                        | 13.93   |           |        |        |        |       |            |       |
| 57639                                   | 2-4-3    | Brand: 'Coop Poop All Purpose Garden Food     |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    | 8       | 0.6       |        |        |        |       |            |       |
|                                         |          | Found:                                        | 15.9    | 0.912     |        |        |        |       |            |       |
| 57828                                   | 1-00-00  | Brand: 'Dave Thompson s Organic Worm Castings |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    | 1       |           |        |        |        | 0.2   |            |       |
|                                         |          | Found:                                        | 0.761   |           |        |        |        | 0.657 |            |       |
| Pinnacle Ag - Franklin Franklin ,KY     |          |                                               |         |           |        |        |        |       |            |       |
| 55400                                   | 9-23-23  |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    | 2.3333  |           | 1.8889 |        |        |       |            |       |
|                                         |          | Found:                                        | 2.483   |           | 2.694  |        |        |       |            |       |
| 55401                                   | 9-23-23  |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    | 2.3333  |           | 1.8889 |        |        |       |            |       |
|                                         |          | Found:                                        | 2.674   |           | 2.857  |        |        |       |            |       |
| 56317                                   | 19-31-00 |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    |         |           | 8      |        |        |       |            |       |
|                                         |          | Found:                                        |         |           | 11.43  |        |        |       |            |       |
| 56318                                   | 19-31-00 |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    |         |           | 8      |        |        |       |            |       |
|                                         |          | Found:                                        |         |           | 10.75  |        |        |       |            |       |
| Pinnacle Ag - Fancy Farm Fancy Farm ,KY |          |                                               |         |           |        |        |        |       |            |       |
| 56399                                   | 7-00-39  |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    |         |           | 8.4002 |        |        |       |            |       |
|                                         |          | Found:                                        |         |           | 7.927  |        |        |       |            |       |
| 56607                                   | 7-17-22  |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    | 4.5     |           | 4      | 0.125  |        |       |            | 0.375 |
|                                         |          | Found:                                        | 4.767   |           | 4.823  | 0.1270 |        |       |            | 0.344 |
| 56608                                   | 7-17-22  |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    | 4.5     |           | 4      | 0.125  |        |       |            | 0.375 |
|                                         |          | Found:                                        | 5.064   |           | 4.997  | 0.1410 |        |       |            | 0.366 |
| 57006                                   | 26-4-16  |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    |         |           | 4.3568 |        |        |       |            |       |
|                                         |          | Found:                                        |         |           | 4.663  |        |        |       |            |       |
| 57655                                   | 24-7-17  |                                               |         |           |        |        |        |       |            |       |
|                                         |          | Guarantee:                                    |         |           | 5.1434 |        |        |       |            |       |
|                                         |          | Found:                                        |         |           | 5.517  |        |        |       |            |       |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                | Sample Number | Grade    | Calcium    | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc |
|---------------------------------------------|---------------|----------|------------|-----------|--------|-------|--------|------|------------|------|
| Pinnacle Ag - Glasgow Glasgow ,KY           | 57656         | 24-7-17  |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: |           | 5.1434 |       |        |      |            |      |
|                                             |               |          | Found:     |           | 5.064  |       |        |      |            |      |
| Pinnacle Ag - Hartford Hartford ,KY         | 56094         | 18-18-18 |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: |           | 3.5545 |       |        |      |            |      |
|                                             |               |          | Found:     |           | 4.945  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 57709         | 43-00-00 |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: |           | 2.6526 |       |        |      |            |      |
|                                             |               |          | Found:     |           | 3.028  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 57710         | 43-00-00 |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: |           | 2.6526 |       |        |      |            |      |
|                                             |               |          | Found:     |           | 2.778  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 57711         | 43-00-00 |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: |           | 2.6526 |       |        |      |            |      |
|                                             |               |          | Found:     |           | 2.857  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 55394         | 8-24-25  |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: | 1.4187    | 1.1485 |       |        |      |            |      |
|                                             |               |          | Found:     | 2.449     | 1.743  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 55395         | 8-24-25  |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: | 1.4187    | 1.1485 |       |        |      |            |      |
|                                             |               |          | Found:     | 2.507     | 1.765  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 55396         | 8-24-25  |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: | 1.4187    | 1.1485 |       |        |      |            |      |
|                                             |               |          | Found:     | 2.738     | 1.918  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 55397         | 2-22-22  |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: | 3.15      | 2.55   |       |        |      |            |      |
|                                             |               |          | Found:     | 8.902     | 3.07   |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 55398         | 9-23-23  |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: | 2.3333    | 1.8889 |       |        |      |            |      |
|                                             |               |          | Found:     | 2.377     | 2.492  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 55399         | 9-23-23  |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: | 2.3333    | 1.8889 |       |        |      |            |      |
|                                             |               |          | Found:     | 2.393     | 2.568  |       |        |      |            |      |
| Pinnacle Ag - Russellville Russellville ,KY | 55497         | 9-24-24  |            |           |        |       |        |      |            |      |
|                                             |               |          | Guarantee: | 1.6579    | 1.3421 |       |        |      |            |      |
|                                             |               |          | Found:     | 1.719     | 1.969  |       |        |      |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                       |          |                                         |         |           |         |        |        |       |            |        |
|----------------------------------------------------|----------|-----------------------------------------|---------|-----------|---------|--------|--------|-------|------------|--------|
| Sample Number                                      | Grade    |                                         | Calcium | Magnesium | Sulfur  | Boron  | Copper | Iron  | Managanese | Zinc   |
| 55869                                              | 16-18-16 |                                         |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              | 1.5643  |           | 4.5199  | 0.0435 |        |       |            | 0.1304 |
|                                                    |          | Found:                                  | 1.872   |           | 5.239   | 0.0545 |        |       |            | 0.134  |
| 55870                                              | 16-18-16 |                                         |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              | 1.5643  |           | 4.5199  | 0.0435 |        |       |            | 0.1304 |
|                                                    |          | Found:                                  | 1.923   |           | 5.196   | 0.0502 |        |       |            | 0.14   |
| 55871                                              | 16-18-16 |                                         |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              | 1.5643  |           | 4.5199  | 0.0435 |        |       |            | 0.1304 |
|                                                    |          | Found:                                  | 1.783   |           | 5.026   | 0.0557 |        |       |            | 0.131  |
| Pinnacle Agriculture Distribution Inc Loveland ,CO |          |                                         |         |           |         |        |        |       |            |        |
| 55646                                              | 00-00-00 | Brand: 'Sul4R-Plus                      |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              | 18      |           | 17      | 0.5    |        |       |            | 1.5    |
|                                                    |          | Found:                                  | 18.4    |           | 17.0192 | 0.5610 |        |       |            | 1.48   |
| 55647                                              | 21-00-00 | Brand: 'AMS                             |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              |         |           | 24      |        |        |       |            |        |
|                                                    |          | Found:                                  |         |           | 26.7    |        |        |       |            |        |
| 55862                                              | 21-00-00 | Brand: 'AS                              |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              |         |           | 24      |        |        |       |            |        |
|                                                    |          | Found:                                  |         |           | 23.31   |        |        |       |            |        |
| 55868                                              | 00-00-22 | Brand: 'K-Mag                           |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              |         | 10.5      | 21      |        |        |       |            |        |
|                                                    |          | Found:                                  |         | 11.51     | 22.84   |        |        |       |            |        |
| 56495                                              | 21-00-00 | Brand: 'AS                              |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              |         |           | 24      |        |        |       |            |        |
|                                                    |          | Found:                                  |         |           | 23.42   |        |        |       |            |        |
| 56601                                              | 21-00-00 | Brand: 'AS                              |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              |         |           | 24      |        |        |       |            |        |
|                                                    |          | Found:                                  |         |           | 23      |        |        |       |            |        |
| Plantation Products, Inc. Norton ,MA               |          |                                         |         |           |         |        |        |       |            |        |
| 55854                                              | 4-4-4    | Brand: 'Superthrive All-Purpose Organic |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              | 9       |           |         |        |        | 0.2   |            |        |
|                                                    |          | Found:                                  | 7.508   |           |         |        |        | 0.406 |            |        |
| 56168                                              | 4-4-4    | Brand: 'Superthrive                     |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              | 9       |           |         |        |        | 0.2   |            |        |
|                                                    |          | Found:                                  | 8.385   |           |         |        |        | 0.543 |            |        |
| Pro Ag Sales & Service - Danville Danville ,KY     |          |                                         |         |           |         |        |        |       |            |        |
| 56826                                              | 21-00-00 | Brand: 'AS                              |         |           |         |        |        |       |            |        |
|                                                    |          | Guarantee:                              |         |           | 24      |        |        |       |            |        |
|                                                    |          | Found:                                  |         |           | 24.02   |        |        |       |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                |          |               |                      |           |        |       |        |       |            |        |
|---------------------------------------------|----------|---------------|----------------------|-----------|--------|-------|--------|-------|------------|--------|
| Sample Number                               | Grade    |               | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron  | Managanese | Zinc   |
| 57271                                       | 39-00-00 |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           | 5.5427 |       |        |       |            |        |
|                                             |          | Found:        | <input type="text"/> |           | 6.445  |       |        |       |            |        |
| 57272                                       | 13-13-13 |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           |        |       | 0.01   | 0.125 | 0.05       | 0.2    |
|                                             |          | Found:        | <input type="text"/> |           |        |       | 0.0458 | 0.626 | 0.0613     | 0.238  |
| 57273                                       | 13-13-13 |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           |        |       | 0.01   | 0.125 | 0.05       | 0.2    |
|                                             |          | Found:        | <input type="text"/> |           |        |       | 0.024  | 0.64  | 0.0959     | 0.28   |
| 57468                                       | 6-7-29   |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           | 3.8788 |       |        |       |            |        |
|                                             |          | Found:        | <input type="text"/> |           | 4.986  |       |        |       |            |        |
| 57470                                       | 16-3-6   |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           |        |       |        | 0.125 | 0.075      | 0.3    |
|                                             |          | Found:        | <input type="text"/> |           |        |       |        | 0.511 | 0.0983     | 0.2928 |
| 57471                                       | 16-3-6   |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           |        |       |        | 0.125 | 0.075      | 0.3    |
|                                             |          | Found:        | <input type="text"/> |           |        |       |        | 0.308 | 0.103      | 0.341  |
| Pro Solutions - Crofton Crofton ,KY         |          |               |                      |           |        |       |        |       |            |        |
| 55415                                       | 6-17-19  |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           | 2.0789 |       |        |       |            |        |
|                                             |          | Found:        | <input type="text"/> |           | 2.776  |       |        |       |            |        |
| 55416                                       | 6-17-19  |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           | 2.0789 |       |        |       |            |        |
|                                             |          | Found:        | <input type="text"/> |           | 2.703  |       |        |       |            |        |
| 55417                                       | 7-22-29  |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           | 3.623  |       |        |       |            |        |
|                                             |          | Found:        | <input type="text"/> |           | 3.921  |       |        |       |            |        |
| 55418                                       | 7-22-29  |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           | 3.623  |       |        |       |            |        |
|                                             |          | Found:        | <input type="text"/> |           | 4.335  |       |        |       |            |        |
| 55419                                       | 9-24-26  |               |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           | 2.8409 |       |        |       |            |        |
|                                             |          | Found:        | <input type="text"/> |           | 3.534  |       |        |       |            |        |
| Pro Solutions - Springfield Springfield ,TN |          |               |                      |           |        |       |        |       |            |        |
| 55255                                       | 12-40-00 | Brand: 'MES Z |                      |           |        |       |        |       |            |        |
|                                             |          | Guarantee:    |                      |           | 10     |       |        |       |            | 1      |
|                                             |          | Found:        | <input type="text"/> |           | 10.95  |       |        |       |            | 0.918  |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                | Sample Number | Grade          | Calcium | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc  |
|---------------------------------------------|---------------|----------------|---------|-----------|--------|-------|--------|------|------------|-------|
| 55257                                       | 12-40-00      | Brand: 'MES 10 |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         |           | 10     |       |        |      |            |       |
|                                             |               | Found:         |         |           | 10.52  |       |        |      |            |       |
| 55669                                       | 10-38-00      | Brand: 'MES Z  |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         |           | 10     |       |        |      |            | 1     |
|                                             |               | Found:         |         |           | 10.07  |       |        |      |            | 0.958 |
| 55671                                       | 12-40-00      | Brand: 'MES 10 |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         |           | 10     |       |        |      |            |       |
|                                             |               | Found:         |         |           | 9.618  |       |        |      |            |       |
| 56553                                       | 11-16-23      |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         | 2.1356    | 4.2712 |       |        |      |            |       |
|                                             |               | Found:         |         | 2.255     | 4.576  |       |        |      |            |       |
| 56828                                       | 11-16-23      |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         | 2.1357    | 4.2715 |       |        |      |            |       |
|                                             |               | Found:         |         | 2.32      | 4.591  |       |        |      |            |       |
| 56829                                       | 13-18-21      |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         |           | 6.4715 |       |        |      |            |       |
|                                             |               | Found:         |         |           | 6.898  |       |        |      |            |       |
| 57239                                       | 12-16-22      |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         | 2.3643    | 4.7287 |       |        |      |            |       |
|                                             |               | Found:         |         | 2.854     | 6.084  |       |        |      |            |       |
| 57240                                       | 12-16-22      |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         | 2.3646    | 4.7293 |       |        |      |            |       |
|                                             |               | Found:         |         | 3.005     | 6.085  |       |        |      |            |       |
| Reliance Ag - Russellville Russellville ,KY |               |                |         |           |        |       |        |      |            |       |
| 55447                                       | 9-24-24       |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         | 1.4103    | 2.8205 |       |        |      |            |       |
|                                             |               | Found:         |         | 1.561     | 3.662  |       |        |      |            |       |
| 55448                                       | 9-24-24       |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         | 1.4103    | 2.8205 |       |        |      |            |       |
|                                             |               | Found:         |         | 1.877     | 4.427  |       |        |      |            |       |
| 55449                                       | 9-24-24       |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         | 1.4103    | 2.8205 |       |        |      |            |       |
|                                             |               | Found:         |         | 1.658     | 3.937  |       |        |      |            |       |
| 55450                                       | 9-24-24       |                |         |           |        |       |        |      |            |       |
|                                             |               | Guarantee:     |         | 1.4103    | 2.8205 |       |        |      |            |       |
|                                             |               | Found:         |         | 1.456     | 3.532  |       |        |      |            |       |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                 |          |            |                      |           |        |       |        |      |            |        |
|----------------------------------------------|----------|------------|----------------------|-----------|--------|-------|--------|------|------------|--------|
| Sample Number                                | Grade    |            | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc   |
| 55451                                        | 9-24-24  |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      | 1.4103    | 2.8205 |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> | 1.739     | 4.158  |       |        |      |            |        |
| 55452                                        | 9-24-24  |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      | 1.4103    | 2.8205 |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> | 1.734     | 4.068  |       |        |      |            |        |
| 55498                                        | 10-26-20 |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      | 1.5714    | 3.1429 |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> | 1.917     | 4.038  |       |        |      |            |        |
| Reliance Ag - Trenton Trenton ,KY            |          |            |                      |           |        |       |        |      |            |        |
| 55432                                        | 5-26-30  |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           |        |       |        |      |            | 0.2968 |
|                                              |          | Found:     | <input type="text"/> |           |        |       |        |      |            | 0.254  |
| 55433                                        | 5-26-30  |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           |        |       |        |      |            | 0.2968 |
|                                              |          | Found:     | <input type="text"/> |           |        |       |        |      |            | 0.295  |
| Rogers Fertilizer & Services LLC Lebanon ,KY |          |            |                      |           |        |       |        |      |            |        |
| 55832                                        | 21-00-00 | Brand: 'AS |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           | 24     |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> |           | 23.39  |       |        |      |            |        |
| 57090                                        | 41-00-00 |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           | 3.9336 |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> |           | 4.336  |       |        |      |            |        |
| 57091                                        | 41-00-00 |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           | 3.9336 |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> |           | 4.013  |       |        |      |            |        |
| 57092                                        | 41-00-00 |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           | 3.9336 |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> |           | 3.864  |       |        |      |            |        |
| 57402                                        | 27-8-10  |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           | 6      |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> |           | 6.727  |       |        |      |            |        |
| 57403                                        | 2-00-20  |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           | 1.9796 |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> |           | 2.485  |       |        |      |            |        |
| 57404                                        | 13-19-19 |            |                      |           |        |       |        |      |            |        |
|                                              |          | Guarantee: |                      |           | 6.1224 |       |        |      |            |        |
|                                              |          | Found:     | <input type="text"/> |           | 7.494  |       |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                   | Sample Number | Grade    | Calcium                                     | Magnesium | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc   |
|------------------------------------------------|---------------|----------|---------------------------------------------|-----------|--------|--------|--------|-------|------------|--------|
| Rootblast International INC Canton ,OH         | 57464         | 22-10-19 |                                             |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           | 1.5817 |        |        |       |            |        |
|                                                |               |          | Found:                                      |           | 7.121  |        |        |       |            |        |
| Scotts Miracle-Gro Products Inc Marysville ,OH | 55902         | 2-1-2    | Brand: 'Root Blast                          |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  | 13.8      | 7.5    | 1.88   | 0.05   | 2.47  | 0.12       | 0.15   |
|                                                |               |          | Found:                                      | 15.21     | 9.956  | 2.808  | 0.0891 | 3.917 | 0.334      | 0.233  |
|                                                | 56435         | 24-8-16  | Brand: 'Miracle Gro All Purpose             |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           |        | 0.02   | 0.07   | 0.15  | 0.05       | 0.06   |
|                                                |               |          | Found:                                      |           |        | 0.0250 | 0.0785 | 0.189 | 0.0555     | 0.0628 |
|                                                | 57327         | 24-8-16  | Brand: 'Miracle Gro All Purpose Plant Food  |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           |        | 0.02   | 0.07   | 0.15  | 0.05       | 0.06   |
|                                                |               |          | Found:                                      |           |        | 0.0261 | 0.0878 | 0.198 | 0.059      | 0.0683 |
|                                                | 57802         | 12-4-8   | Brand: 'Miracle Grow All Purpose Plant Food |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           |        |        |        | 0.1   | 0.05       | 0.05   |
|                                                |               |          | Found:                                      |           |        |        |        | 0.112 | 0.0558     | 0.0579 |
| Solu-Cal USA LTD West Warham ,MA               | 56169         | 00-00-00 | Brand: 'Rapid Lime                          |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  | 38        | 0.4    |        |        |       |            |        |
|                                                |               |          | Found:                                      | 33.97     | 0.522  |        |        |       |            |        |
| Southern FS Inc - Hickman Hickman ,KY          | 55513         | 19-29-00 |                                             |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           | 8.7256 |        |        |       |            |        |
|                                                |               |          | Found:                                      |           | 9.38   |        |        |       |            |        |
|                                                | 55514         | 19-29-00 |                                             |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           | 8.7256 |        |        |       |            |        |
|                                                |               |          | Found:                                      |           | 9.865  |        |        |       |            |        |
|                                                | 55515         | 19-29-00 |                                             |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           | 8.7256 |        |        |       |            |        |
|                                                |               |          | Found:                                      |           | 9.129  |        |        |       |            |        |
|                                                | 56356         | 16-12-22 |                                             |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           | 4.1881 | 0.1179 |        |       |            | 0.4184 |
|                                                |               |          | Found:                                      |           | 5.767  | 0.109  |        |       |            | 0.555  |
|                                                | 56357         | 11-18-24 |                                             |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           | 4.8    |        |        |       |            |        |
|                                                |               |          | Found:                                      |           | 6.574  |        |        |       |            |        |
|                                                | 56358         | 11-18-24 |                                             |           |        |        |        |       |            |        |
|                                                |               |          | Guarantee:                                  |           | 4.8    |        |        |       |            |        |
|                                                |               |          | Found:                                      |           | 5.385  |        |        |       |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                      |          |                |                      |           |        |       |        |      |            |        |
|---------------------------------------------------|----------|----------------|----------------------|-----------|--------|-------|--------|------|------------|--------|
| Sample Number                                     | Grade    |                | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc   |
| 56359                                             | 11-18-24 |                |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 4.8    |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 7.022  |       |        |      |            |        |
| 56360                                             | 11-18-24 |                |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 4.8    |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 7.531  |       |        |      |            |        |
| 57185                                             | 12-18-23 |                |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 5.2174 |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 6.33   |       |        |      |            |        |
| 57186                                             | 12-18-23 |                |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 5.2174 |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 6.307  |       |        |      |            |        |
| 57187                                             | 12-18-23 |                |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 5.2174 |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 6.11   |       |        |      |            |        |
| Southern FS, INC Marion ,IL                       |          |                |                      |           |        |       |        |      |            |        |
| 55511                                             | 21-00-00 | Brand: 'AS     |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 24     |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 24.23  |       |        |      |            |        |
| 55512                                             | 12-40-00 | Brand: 'MES 10 |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 10     |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 11.19  |       |        |      |            |        |
| 56354                                             | 21-00-00 | Brand: 'AS     |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 24     |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 25.8   |       |        |      |            |        |
| 56355                                             | 12-40-00 | Brand: 'MES 10 |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 10     |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 11.6   |       |        |      |            |        |
| Southern States - Bowling Green Bowling Green ,KY |          |                |                      |           |        |       |        |      |            |        |
| 56084                                             | 26-23-00 |                |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 6      |       |        |      |            |        |
|                                                   |          | Found:         | <input type="text"/> |           | 6.806  |       |        |      |            |        |
| Southern States - Cadiz Cadiz ,KY                 |          |                |                      |           |        |       |        |      |            |        |
| 55554                                             | 7-18-32  |                |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 3.5377 |       |        |      |            | 1.3954 |
|                                                   |          | Found:         | <input type="text"/> |           | 5.015  |       |        |      |            | 1.52   |
| 55555                                             | 7-18-32  |                |                      |           |        |       |        |      |            |        |
|                                                   |          | Guarantee:     |                      |           | 3.5433 |       |        |      |            | 1.3976 |
|                                                   |          | Found:         | <input type="text"/> |           | 5.187  |       |        |      |            | 1.542  |
| Southern States - Calhoun Calhoun ,KY             |          |                |                      |           |        |       |        |      |            |        |

**Highlighted values are deficient.**



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                        |          |            |                      |           |        |        |        |      |            |        |
|-----------------------------------------------------|----------|------------|----------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                                       | Grade    |            | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 57783                                               | 8-13-32  |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 4      |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 4.766  |        |        |      |            |        |
| 57787                                               | 10-19-24 |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 4      |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 4.831  |        |        |      |            |        |
| 57788                                               | 11-19-24 |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 3.9231 |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 5.274  |        |        |      |            |        |
| 57789                                               | 28-10-12 |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 2.0672 |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 2.985  |        |        |      |            |        |
| 57790                                               | 28-10-13 |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 1.7049 |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 2.22   |        |        |      |            |        |
| Southern States - Campbellsville Campbellsville ,KY |          |            |                      |           |        |        |        |      |            |        |
| 57423                                               | 20-00-22 |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 6      |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 6.26   |        |        |      |            |        |
| 57683                                               | 10-15-30 |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 4      |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 4.53   |        |        |      |            |        |
| 57686                                               | 10-14-28 |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 5.3433 |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 5.071  |        |        |      |            |        |
| Southern States - Carlisle Carlisle ,KY             |          |            |                      |           |        |        |        |      |            |        |
| 57508                                               | 4-10-47  |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           |        | 0.0576 |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           |        | 0.0460 |        |      |            |        |
| Southern States - Cynthiana Cynthiana ,KY           |          |            |                      |           |        |        |        |      |            |        |
| 56718                                               | 28-0-16  |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      |           | 3.6364 |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> |           | 3.507  |        |        |      |            |        |
| Southern States - Elkton Elkton ,KY                 |          |            |                      |           |        |        |        |      |            |        |
| 55872                                               | 7-18-27  |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      | 2.0952    | 4.1905 | 0.2857 |        |      |            | 1.0286 |
|                                                     |          | Found:     | <input type="text"/> | 2.593     | 5.44   | 0.2750 |        |      |            | 0.972  |
| 55873                                               | 24-10-14 |            |                      |           |        |        |        |      |            |        |
|                                                     |          | Guarantee: |                      | 1.8966    | 3.7931 |        |        |      |            |        |
|                                                     |          | Found:     | <input type="text"/> | 2.24      | 4.823  |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                    | Sample Number | Grade    | Calcium    | Magnesium            | Sulfur | Boron  | Copper | Iron | Managanese | Zinc     |
|-------------------------------------------------|---------------|----------|------------|----------------------|--------|--------|--------|------|------------|----------|
|                                                 | 55874         | 24-10-14 |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: | 1.8966               | 3.7931 |        |        |      |            |          |
|                                                 |               |          | Found:     | <input type="text"/> | 1.816  | 3.762  |        |      |            |          |
| Southern States - Eminence Eminence ,KY         |               |          |            |                      |        |        |        |      |            |          |
|                                                 | 57550         | 5-14-42  |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      |        | 0.0483 |        |      |            |          |
|                                                 |               |          | Found:     | <input type="text"/> |        | 0.0519 |        |      |            |          |
|                                                 | 57551         | 17-11-26 |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      | 3.4039 |        |        |      |            | 0.0417   |
|                                                 |               |          | Found:     | <input type="text"/> | 4.102  |        |        |      |            | 0.0418   |
| Southern States - Flemingsburg Flemingsburg ,KY |               |          |            |                      |        |        |        |      |            |          |
|                                                 | 57379         | 25-8-15  |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      | 3.3283 |        |        |      |            | 0.0672   |
|                                                 |               |          | Found:     | <input type="text"/> | 3.424  |        |        |      |            | 0.055497 |
|                                                 | 57380         | 25-8-15  |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      | 3.3283 |        |        |      |            | 0.0672   |
|                                                 |               |          | Found:     | <input type="text"/> | 3.715  |        |        |      |            | 0.0504   |
|                                                 | 57381         | 25-8-15  |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      | 3.3283 |        |        |      |            | 0.0672   |
|                                                 |               |          | Found:     | <input type="text"/> | 3.788  |        |        |      |            | 0.0768   |
| Southern States - Franklin Franklin ,KY         |               |          |            |                      |        |        |        |      |            |          |
|                                                 | 55392         | 8-20-27  |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: | 2.0625               | 4.125  |        |        |      |            |          |
|                                                 |               |          | Found:     | <input type="text"/> | 2.481  | 5.35   |        |      |            |          |
|                                                 | 55393         | 8-20-27  |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: | 2.0625               | 4.125  |        |        |      |            |          |
|                                                 |               |          | Found:     | <input type="text"/> | 2.239  | 4.804  |        |      |            |          |
|                                                 | 55434         | 10-26-23 |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      | 5.094  |        |        |      |            |          |
|                                                 |               |          | Found:     | <input type="text"/> | 5.8    |        |        |      |            |          |
|                                                 | 55435         | 10-26-23 |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      | 5.094  |        |        |      |            |          |
|                                                 |               |          | Found:     | <input type="text"/> | 5.295  |        |        |      |            |          |
|                                                 | 55436         | 10-26-23 |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      | 5.094  |        |        |      |            |          |
|                                                 |               |          | Found:     | <input type="text"/> | 5.092  |        |        |      |            |          |
|                                                 | 55437         | 10-26-23 |            |                      |        |        |        |      |            |          |
|                                                 |               |          | Guarantee: |                      | 4.6581 |        |        |      |            |          |
|                                                 |               |          | Found:     | <input type="text"/> | 4.688  |        |        |      |            |          |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                  |          |            |                      |           |        |       |        |      |            |        |
|-----------------------------------------------|----------|------------|----------------------|-----------|--------|-------|--------|------|------------|--------|
| Sample Number                                 | Grade    |            | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc   |
| 55438                                         | 10-26-23 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 4.6581 |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 5.743  |       |        |      |            |        |
| 55439                                         | 10-25-25 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 4.2886 |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 5.409  |       |        |      |            |        |
| 55440                                         | 10-25-25 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 4.2886 |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 5.088  |       |        |      |            |        |
| 55441                                         | 10-26-23 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 4.6581 |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 5.847  |       |        |      |            |        |
| Southern States - Georgetown Georgetown ,KY   |          |            |                      |           |        |       |        |      |            |        |
| 57019                                         | 4-0-45   |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 5      |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.932  |       |        |      |            |        |
| 57020                                         | 4-0-45   |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 5      |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.706  |       |        |      |            |        |
| 57032                                         | 36-0-00  |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 6.6667 |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 6.192  |       |        |      |            |        |
| 57478                                         | 38-00-00 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 5      |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.577  |       |        |      |            |        |
| 57479                                         | 38-00-00 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 5      |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.903  |       |        |      |            |        |
| Southern States - Hardinsburg Hardinsburg ,KY |          |            |                      |           |        |       |        |      |            |        |
| 56983                                         | 20-10-13 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 6.6208 |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 6.447  |       |        |      |            |        |
| 57035                                         | 20-10-13 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 6.642  |       |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 6.523  |       |        |      |            |        |
| Southern States - Harrodsburg Harrodsburg ,KY |          |            |                      |           |        |       |        |      |            |        |
| 57589                                         | 20-00-27 |            |                      |           |        |       |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.6298 |       |        |      |            | 0.1125 |
|                                               |          | Found:     | <input type="text"/> |           | 3.576  |       |        |      |            | 0.103  |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                    |          | Grade      | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
|-------------------------------------------------|----------|------------|----------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                                   |          |            |                      |           |        |        |        |      |            |        |
| 57700                                           | 20-00-27 |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 3.6298 |        |        |      |            | 0.1125 |
|                                                 |          | Found:     | <input type="text"/> |           | 4.002  |        |        |      |            | 0.102  |
| 57701                                           | 20-00-27 |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 3.6298 |        |        |      |            | 0.1125 |
|                                                 |          | Found:     | <input type="text"/> |           | 3.961  |        |        |      |            | 0.112  |
| Southern States - Henderson Henderson ,KY       |          |            |                      |           |        |        |        |      |            |        |
| 57441                                           | 10-20-27 |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 2.6438 |        |        |      |            | 0.1228 |
|                                                 |          | Found:     | <input type="text"/> |           | 3.577  |        |        |      |            | 0.112  |
| 57610                                           | 9-20-23  |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 5.903  |        |        |      |            |        |
|                                                 |          | Found:     | <input type="text"/> |           | 7.352  |        |        |      |            |        |
| 57611                                           | 9-19-23  |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 5.9289 |        |        |      |            |        |
|                                                 |          | Found:     | <input type="text"/> |           | 7.481  |        |        |      |            |        |
| 57612                                           | 9-20-22  |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 5.95   |        |        |      |            |        |
|                                                 |          | Found:     | <input type="text"/> |           | 7.692  |        |        |      |            |        |
| Southern States - Hodgenville Hodgenville ,KY   |          |            |                      |           |        |        |        |      |            |        |
| 56283                                           | 16-25-9  |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 7.3846 |        |        |      |            |        |
|                                                 |          | Found:     | <input type="text"/> |           | 8.295  |        |        |      |            |        |
| 56292                                           | 17-22-13 |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 5.3366 |        |        |      |            |        |
|                                                 |          | Found:     | <input type="text"/> |           | 6.566  |        |        |      |            |        |
| 56294                                           | 38-00-00 |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 8      |        |        |      |            |        |
|                                                 |          | Found:     | <input type="text"/> |           | 12.34  |        |        |      |            |        |
| 56295                                           | 38-00-00 |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 8      |        |        |      |            |        |
|                                                 |          | Found:     | <input type="text"/> |           | 9.31   |        |        |      |            |        |
| Southern States - Hopkinsville Hopkinsville ,KY |          |            |                      |           |        |        |        |      |            |        |
| 55950                                           | 15-19-22 |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 2.8602 |        |        |      |            |        |
|                                                 |          | Found:     | <input type="text"/> |           | 4.482  |        |        |      |            |        |
| 56113                                           | 8-17-8   |            |                      |           |        |        |        |      |            |        |
|                                                 |          | Guarantee: |                      |           | 4.4874 | 0.0072 |        |      |            | 0.0248 |
|                                                 |          | Found:     | <input type="text"/> |           | 5.666  | 0.0142 |        |      |            | 0.0455 |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                |          |            |                      |           |        |        |        |      |            |        |
|---------------------------------------------|----------|------------|----------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                               | Grade    |            | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 56115                                       | 15-15-22 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 4.3661 |        |        |      |            |        |
|                                             |          | Found:     | <input type="text"/> |           | 5.448  |        |        |      |            |        |
| 56116                                       | 18-14-18 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 3.6357 | 0.3488 |        |      |            |        |
|                                             |          | Found:     | <input type="text"/> |           | 5.39   | 0.3970 |        |      |            |        |
| 56119                                       | 16-16-15 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 9.6758 | 0.0407 |        |      |            |        |
|                                             |          | Found:     | <input type="text"/> |           | 11.66  | 0.0423 |        |      |            |        |
| 56264                                       | 16-17-16 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 6.5222 |        |        |      |            |        |
|                                             |          | Found:     | <input type="text"/> |           | 8.022  |        |        |      |            |        |
| 56265                                       | 5-13-41  |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 3.0038 | 0.0654 |        |      |            |        |
|                                             |          | Found:     | <input type="text"/> |           | 3.93   | 0.0568 |        |      |            |        |
| 56266                                       | 7-18-27  |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      | 2.7848    | 5.5696 |        |        |      |            |        |
|                                             |          | Found:     | <input type="text"/> | 3.492     | 6.988  |        |        |      |            |        |
| Southern States - Horse Cave Horse Cave ,KY |          |            |                      |           |        |        |        |      |            |        |
| 56201                                       | 12-15-21 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      | 3.2683    | 6.5367 |        |        |      |            |        |
|                                             |          | Found:     | <input type="text"/> | 3.648     | 8.105  |        |        |      |            |        |
| 56202                                       | 24-10-20 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 0.4972 |        |        |      |            |        |
|                                             |          | Found:     | <input type="text"/> |           | 1.218  |        |        |      |            |        |
| Southern States - Maysville Maysville ,KY   |          |            |                      |           |        |        |        |      |            |        |
| 57498                                       | 17-12-21 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 3.4725 | 0.0168 |        |      |            | 0.0564 |
|                                             |          | Found:     | <input type="text"/> |           | 3.681  | 0.0169 |        |      |            | 0.0543 |
| 57499                                       | 7-12-21  |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 3.4725 | 0.0168 |        |      |            | 0.0564 |
|                                             |          | Found:     | <input type="text"/> |           | 3.693  | 0.0217 |        |      |            | 0.0648 |
| 57501                                       | 18-13-19 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 3.6298 | 0.0168 |        |      |            | 0.0563 |
|                                             |          | Found:     | <input type="text"/> |           | 3.881  | 0.0220 |        |      |            | 0.059  |
| 57502                                       | 17-12-21 |            |                      |           |        |        |        |      |            |        |
|                                             |          | Guarantee: |                      |           | 3.4725 | 0.0168 |        |      |            | 0.0564 |
|                                             |          | Found:     | <input type="text"/> |           | 3.921  | 0.0206 |        |      |            | 0.0627 |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                  |          |            |                      |           |        |        |        |      |            |        |
|-----------------------------------------------|----------|------------|----------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                                 | Grade    |            | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 57503                                         | 17-12-21 |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.4725 | 0.0168 |        |      |            | 0.0564 |
|                                               |          | Found:     | <input type="text"/> |           | 3.813  | 0.0247 |        |      |            | 0.0526 |
| 57504                                         | 17-12-21 |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.4725 | 0.0168 |        |      |            | 0.0564 |
|                                               |          | Found:     | <input type="text"/> |           | 3.83   | 0.0207 |        |      |            | 0.0711 |
| 57505                                         | 17-12-21 |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.4725 | 0.0168 |        |      |            | 0.0564 |
|                                               |          | Found:     | <input type="text"/> |           | 3.936  | 0.0217 |        |      |            | 0.0644 |
| 57506                                         | 22-10-15 |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 4.3011 |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.555  |        |        |      |            |        |
| Southern States - Morganfield Morganfield ,KY |          |            |                      |           |        |        |        |      |            |        |
| 56745                                         | 6-21-28  |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 5.272  |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 5.838  |        |        |      |            |        |
| 56746                                         | 6-21-28  |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 2.6351 |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 5.677  |        |        |      |            |        |
| 56756                                         | 6-21-28  |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 2.6335 |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 5.499  |        |        |      |            |        |
| 56757                                         | 6-21-29  |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 2.6236 |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 5.646  |        |        |      |            |        |
| 56853                                         | 11-20-26 |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.4675 |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 3.643  |        |        |      |            |        |
| 56854                                         | 11-20-26 |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.4785 |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 3.791  |        |        |      |            |        |
| Southern States - Owensboro Owensboro ,KY     |          |            |                      |           |        |        |        |      |            |        |
| 57613                                         | 10-19-24 |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 4      |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.972  |        |        |      |            |        |
| 57614                                         | 10-19-24 |            |                      |           |        |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 4      |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.716  |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                               |          |            |         |           |        |        |        |      |            |      |
|--------------------------------------------|----------|------------|---------|-----------|--------|--------|--------|------|------------|------|
| Sample Number                              | Grade    |            | Calcium | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc |
| 57616                                      | 10-19-24 |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           | 3.9884 | 0.0537 |        |      |            |      |
|                                            |          | Found:     |         |           | 4.707  | 0.0428 |        |      |            |      |
| 57617                                      | 10-19-24 |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           | 3.9884 | 0.0537 |        |      |            |      |
|                                            |          | Found:     |         |           | 4.922  | 0.0515 |        |      |            |      |
| 57618                                      | 10-14-17 |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: | 2.553   |           | 7.7466 | 0.1685 |        |      |            |      |
|                                            |          | Found:     | 2.989   |           | 8.04   | 0.166  |        |      |            |      |
| 57619                                      | 10-14-17 |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: | 2.553   |           | 7.7466 | 0.1685 |        |      |            |      |
|                                            |          | Found:     | 2.925   |           | 8.299  | 0.171  |        |      |            |      |
| Southern States - Owenton Owenton ,KY      |          |            |         |           |        |        |        |      |            |      |
| 56622                                      | 00-00-56 |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           |        | 1.0225 |        |      |            |      |
|                                            |          | Found:     |         |           |        | 1.09   |        |      |            |      |
| 56629                                      | 6-5-6    |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           | 1.218  | 0.0177 |        |      |            |      |
|                                            |          | Found:     |         |           | 2.282  | 0.0207 |        |      |            |      |
| Southern States - Richmond Richmond ,KY    |          |            |         |           |        |        |        |      |            |      |
| 57294                                      | 4-0-20   |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           | 4.4423 |        |        |      |            |      |
|                                            |          | Found:     |         |           | 4.863  |        |        |      |            |      |
| 57295                                      | 4-0-20   |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           | 4.4423 |        |        |      |            |      |
|                                            |          | Found:     |         |           | 4.07   |        |        |      |            |      |
| 57298                                      | 4-0-20   |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           | 4.4423 |        |        |      |            |      |
|                                            |          | Found:     |         |           | 4.359  |        |        |      |            |      |
| 57299                                      | 4-0-20   |            |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           | 4.4423 |        |        |      |            |      |
|                                            |          | Found:     |         |           | 4.0952 |        |        |      |            |      |
| Southern States - Richmond VA Richmond ,VA |          |            |         |           |        |        |        |      |            |      |
| 55140                                      | 00-00-22 | Brand: SPM |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         | 11        | 22     |        |        |      |            |      |
|                                            |          | Found:     |         | 10.32     | 22.75  |        |        |      |            |      |
| 55261                                      | 21-00-00 | Brand: 'AS |         |           |        |        |        |      |            |      |
|                                            |          | Guarantee: |         |           | 24     |        |        |      |            |      |
|                                            |          | Found:     |         |           | 25.4   |        |        |      |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                                                                | Magnesium   | Sulfur         | Boron | Copper | Iron | Managanese | Zinc |
|--------------|---------------|----------|------------------------------------------------------------------------|-------------|----------------|-------|--------|------|------------|------|
|              | 55326         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                |             | 24<br>23.99    |       |        |      |            |      |
|              | 55364         | 12-40-00 | Brand: 'MES10<br>Guarantee:<br>Found: <input type="text"/>             |             | 10<br>10.03    |       |        |      |            |      |
|              | 55369         | 00-00-00 | Brand: '90% Sulpher<br>Guarantee:<br>Found: <input type="text"/>       |             | 90<br>96.0043  |       |        |      |            |      |
|              | 55370         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                |             | 24<br>23.71    |       |        |      |            |      |
|              | 55583         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                |             | 23.85<br>23.42 |       |        |      |            |      |
|              | 55626         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                |             | 24<br>24.27    |       |        |      |            |      |
|              | 55720         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                |             | 24<br>25.18    |       |        |      |            |      |
|              | 55788         | 00-00-22 | Brand: 'SPM<br>Guarantee:<br>Found: <input type="text"/>               | 11<br>11.51 | 22<br>22.76    |       |        |      |            |      |
|              | 55802         | 00-00-22 | Brand: 'SPM<br>Guarantee:<br>Found: <input type="text"/>               | 11<br>11.34 | 22<br>22.24    |       |        |      |            |      |
|              | 55859         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>            |             | 20<br>19.0     |       |        |      |            |      |
|              | 55893         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>            |             | 20<br>17.3506  |       |        |      |            |      |
|              | 55947         | 34-00-00 | Brand: 'Super Kicker Plus<br>Guarantee:<br>Found: <input type="text"/> |             | 10<br>9.513    |       |        |      |            |      |
|              | 55955         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>            |             | 20<br>19.49    |       |        |      |            |      |

Highlighted values are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                                                                | Magnesium   | Sulfur        | Boron | Copper | Iron       | Managanese | Zinc |
|--------------|---------------|----------|------------------------------------------------------------------------|-------------|---------------|-------|--------|------------|------------|------|
|              | 56017         | 00-00-22 | Brand: 'KMag<br>Guarantee:<br>Found: <input type="text"/>              | 11<br>10.98 | 22<br>23.58   |       |        |            |            |      |
|              | 56024         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>            |             | 20<br>19.82   |       |        |            |            |      |
|              | 56027         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                |             | 24<br>25.69   |       |        |            |            |      |
|              | 56046         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>            |             | 20<br>19.49   |       |        |            |            |      |
|              | 56050         | 00-00-22 | Brand: 'KMag<br>Guarantee:<br>Found: <input type="text"/>              | 11<br>11.15 | 22<br>21.4    |       |        |            |            |      |
|              | 56056         | 34-00-00 | Brand: 'Super Kicker Plus<br>Guarantee:<br>Found: <input type="text"/> |             | 10<br>9.502   |       |        |            |            |      |
|              | 56057         | 00-00-22 | Brand: 'KMag<br>Guarantee:<br>Found: <input type="text"/>              | 11<br>11.68 | 22<br>22.82   |       |        |            |            |      |
|              | 56061         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>            |             | 20<br>20.34   |       |        |            |            |      |
|              | 56067         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>            |             | 20<br>20.09   |       |        |            |            |      |
|              | 56297         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                |             | 24<br>27.3    |       |        |            |            |      |
|              | 56392         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                |             | 24<br>27.08   |       |        |            |            |      |
|              | 56409         | 16-1-00  | Brand: 'Symtrx<br>Guarantee:<br>Found: <input type="text"/>            |             | 20<br>19.1243 |       |        |            |            |      |
|              | 56512         | 32-3-8   | Brand: 'Southern States<br>Guarantee:<br>Found: <input type="text"/>   |             | 0.5<br>1.408  |       |        | 2<br>2.658 |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer | Sample Number | Grade    | Calcium                                                                                         | Magnesium | Sulfur        | Boron | Copper | Iron       | Managanese | Zinc |
|--------------|---------------|----------|-------------------------------------------------------------------------------------------------|-----------|---------------|-------|--------|------------|------------|------|
|              | 56752         | 12-40-00 | Brand: 'MES10<br>Guarantee:<br>Found: <input type="text"/>                                      |           | 10<br>9.957   |       |        |            |            |      |
|              | 56763         | 16-1-00  | Brand: 'Symtrx<br>Guarantee:<br>Found: <input type="text"/>                                     |           | 20<br>20.2946 |       |        |            |            |      |
|              | 56766         | 21-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                                         |           | 24<br>25.15   |       |        |            |            |      |
|              | 56893         | 12-40-00 | Brand: 'MEZ<br>Guarantee:<br>Found: <input type="text"/>                                        |           | 10<br>10.82   |       |        |            |            |      |
|              | 56894         | 20-00-00 | Brand: 'AS<br>Guarantee:<br>Found: <input type="text"/>                                         |           | 23.8<br>24.2  |       |        |            |            |      |
|              | 56968         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>                                     |           | 20<br>19.07   |       |        |            |            |      |
|              | 57023         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>                                     |           | 20<br>19.6237 |       |        |            |            |      |
|              | 57290         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>                                     |           | 20<br>19.0227 |       |        |            |            |      |
|              | 57292         | 24-00-11 | Brand: 'Professional Turf Fertilizer Fairway Grade<br>Guarantee:<br>Found: <input type="text"/> |           |               |       |        | 2<br>2.31  |            |      |
|              | 57293         | 15-5-10  | Brand: 'Professional Turf Fertilizer Fairway Grade<br>Guarantee:<br>Found: <input type="text"/> |           |               |       |        | 2<br>1.803 |            |      |
|              | 57296         | 34-00-00 | Brand: 'Super Kicker Plus<br>Guarantee:<br>Found: <input type="text"/>                          |           | 10<br>10.54   |       |        |            |            |      |
|              | 57405         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>                                     |           | 20<br>19.0038 |       |        |            |            |      |
|              | 57491         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found: <input type="text"/>                                     |           | 20<br>19.03   |       |        |            |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                    | Sample Number | Grade    | Calcium                                           | Magnesium       | Sulfur          | Boron | Copper | Iron | Managanese | Zinc |
|-------------------------------------------------|---------------|----------|---------------------------------------------------|-----------------|-----------------|-------|--------|------|------------|------|
|                                                 | 57495         | 00-00-22 | Brand: 'Kmag<br>Guarantee:<br>Found:              | 11<br>11.99     | 22<br>23.42     |       |        |      |            |      |
|                                                 | 57524         | 00-00-22 | Brand: 'Kmag<br>Guarantee:<br>Found:              | 11<br>11.77     | 22<br>21.77     |       |        |      |            |      |
|                                                 | 57645         | 34-00-00 | Brand: 'SS<br>Guarantee:<br>Found:                |                 | 10<br>11.81     |       |        |      |            |      |
|                                                 | 57703         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found:            |                 | 20<br>21.19     |       |        |      |            |      |
|                                                 | 57725         | 34-00-00 | Brand: 'Super Kicker Plus<br>Guarantee:<br>Found: |                 | 10<br>11.02     |       |        |      |            |      |
|                                                 | 57786         | 16-1-00  | Brand: 'SymTRX<br>Guarantee:<br>Found:            |                 | 20<br>19.228    |       |        |      |            |      |
|                                                 | 57813         | 28-00-00 | Guarantee:<br>Found:                              |                 | 4.966<br>4.716  |       |        |      |            |      |
|                                                 | 57814         | 28-00-00 | Guarantee:<br>Found:                              |                 | 4.9703<br>4.55  |       |        |      |            |      |
|                                                 | 57815         | 28-00-00 | Guarantee:<br>Found:                              |                 | 5.0417<br>5.334 |       |        |      |            |      |
| Southern States - Russellville Russellville ,KY |               |          |                                                   |                 |                 |       |        |      |            |      |
|                                                 | 55632         | 6-28-22  | Guarantee:<br>Found:                              | 1.6927<br>2.382 | 3.3854<br>4.768 |       |        |      |            |      |
|                                                 | 55633         | 6-28-22  | Guarantee:<br>Found:                              | 1.6927<br>2.332 | 3.3854<br>4.995 |       |        |      |            |      |
|                                                 | 55634         | 6-28-22  | Guarantee:<br>Found:                              | 1.6927<br>2.225 | 3.3854<br>4.691 |       |        |      |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                                     |         |            |                      |           |        |        |        |      |            |        |
|------------------------------------------------------------------|---------|------------|----------------------|-----------|--------|--------|--------|------|------------|--------|
| Sample Number                                                    | Grade   |            | Calcium              | Magnesium | Sulfur | Boron  | Copper | Iron | Managanese | Zinc   |
| 55635                                                            | 6-28-22 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      | 1.6927    | 3.3854 |        |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> | 2.021     | 4.065  |        |        |      |            |        |
| 55636                                                            | 6-28-22 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      | 1.6927    | 3.3854 |        |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> | 2.152     | 4.584  |        |        |      |            |        |
| Southern States - Russellville Fertilizer Plant Russellville ,KY |         |            |                      |           |        |        |        |      |            |        |
| 55467                                                            | 7-18-28 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      | 2.5385    | 5.0769 |        |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> | 2.894     | 5.743  |        |        |      |            |        |
| 55468                                                            | 7-18-28 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      | 2.5385    | 5.0769 |        |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> | 2.694     | 5.363  |        |        |      |            |        |
| 55469                                                            | 7-18-28 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      | 2.5385    | 5.0769 |        |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> | 2.961     | 6.262  |        |        |      |            |        |
| 55470                                                            | 7-17-28 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      | 2.7498    | 5.4996 |        |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> | 2.881     | 5.94   |        |        |      |            |        |
| 55471                                                            | 7-17-28 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      | 2.7498    | 5.4996 |        |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> | 3.026     | 6.585  |        |        |      |            |        |
| Southern States - Shelbyville Shelbyville ,KY                    |         |            |                      |           |        |        |        |      |            |        |
| 55487                                                            | 9-15-27 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      |           | 3.8923 | 0.4039 |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> |           | 4.705  | 0.3580 |        |      |            |        |
| 55488                                                            | 9-15-27 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      |           | 3.8697 | 0.3893 |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> |           | 4.875  | 0.3820 |        |      |            |        |
| 56382                                                            | 23-0-15 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      |           | 7.4458 |        |        |      |            | 0.0803 |
|                                                                  |         | Found:     | <input type="text"/> |           | 7.866  |        |        |      |            | 0.0885 |
| 56383                                                            | 7-19-33 |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      |           | 3.6501 | 0.0599 |        |      |            | 0.0953 |
|                                                                  |         | Found:     | <input type="text"/> |           | 5.408  | 0.0062 |        |      |            | 0.176  |
| 56384                                                            | 27-7-9  |            |                      |           |        |        |        |      |            |        |
|                                                                  |         | Guarantee: |                      |           | 4.5908 |        |        |      |            |        |
|                                                                  |         | Found:     | <input type="text"/> |           | 5.148  |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                  |          |            |                      |           |         |        |        |      |            |        |
|-----------------------------------------------|----------|------------|----------------------|-----------|---------|--------|--------|------|------------|--------|
| Sample Number                                 | Grade    |            | Calcium              | Magnesium | Sulfur  | Boron  | Copper | Iron | Managanese | Zinc   |
| 56387                                         | 7-19-33  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.6917  | 0.06   |        |      |            | 0.0954 |
|                                               |          | Found:     | <input type="text"/> |           | 5.375   | 0.0059 |        |      |            | 0.226  |
| 56388                                         | 23-1-00  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 13.2452 |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 13.91   |        |        |      |            |        |
| 57336                                         | 19-0-15  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 10.0222 |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 9.583   |        |        |      |            |        |
| 57337                                         | 13-13-15 |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 9.8087  |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 9.869   |        |        |      |            |        |
| Southern States - Somerset Somerset ,KY       |          |            |                      |           |         |        |        |      |            |        |
| 56488                                         | 21-11-21 |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.3502  |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.167   |        |        |      |            |        |
| Southern States - Springfield Springfield ,KY |          |            |                      |           |         |        |        |      |            |        |
| 57407                                         | 38-00-00 |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 4.99    |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.752   |        |        |      |            |        |
| 57408                                         | 22-8-20  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.892   | 0.0169 |        |      |            | 0.8843 |
|                                               |          | Found:     | <input type="text"/> |           | 4.483   | 0.0240 |        |      |            | 0.798  |
| 57409                                         | 22-8-20  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.892   | 0.0169 |        |      |            | 0.8843 |
|                                               |          | Found:     | <input type="text"/> |           | 4.729   | 0.0172 |        |      |            | 0.892  |
| 57410                                         | 22-8-20  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.892   | 0.0169 |        |      |            | 0.8843 |
|                                               |          | Found:     | <input type="text"/> |           | 3.9972  | 0.0441 |        |      |            | 0.698  |
| 57411                                         | 19-9-22  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.6319  |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.357   |        |        |      |            |        |
| 57412                                         | 19-9-22  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.6319  |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.127   |        |        |      |            |        |
| 57413                                         | 19-9-22  |            |                      |           |         |        |        |      |            |        |
|                                               |          | Guarantee: |                      |           | 3.6319  |        |        |      |            |        |
|                                               |          | Found:     | <input type="text"/> |           | 4.326   |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                               |          |            |                      |           |        |       |        |      |            |          |
|------------------------------------------------------------|----------|------------|----------------------|-----------|--------|-------|--------|------|------------|----------|
| Sample Number                                              | Grade    |            | Calcium              | Magnesium | Sulfur | Boron | Copper | Iron | Managanese | Zinc     |
| 57414                                                      | 19-9-22  |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 3.6494 |       |        |      | 0.0207     | 0.083    |
|                                                            |          | Found:     | <input type="text"/> |           | 4.478  |       |        |      | 0.0208     | 0.0708   |
| 57415                                                      | 19-9-22  |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 3.6494 |       |        |      | 0.0207     | 0.083    |
|                                                            |          | Found:     | <input type="text"/> |           | 4.192  |       |        |      | 0.02       | 0.0697   |
| Southern States - Stanford Stanford ,KY                    |          |            |                      |           |        |       |        |      |            |          |
| 56190                                                      | 21-10-20 |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 3.5419 |       |        |      |            |          |
|                                                            |          | Found:     | <input type="text"/> |           | 4.448  |       |        |      |            |          |
| 56192                                                      | 18-7-26  |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 3.5294 |       |        |      |            |          |
|                                                            |          | Found:     | <input type="text"/> |           | 4.068  |       |        |      |            |          |
| 56195                                                      | 21-10-20 |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 3.5102 |       |        |      |            |          |
|                                                            |          | Found:     | <input type="text"/> |           | 4.239  |       |        |      |            |          |
| Southern States - Winchester Winchester ,KY                |          |            |                      |           |        |       |        |      |            |          |
| 57221                                                      | 35-00-13 |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 2.5024 |       |        |      |            | 0.136    |
|                                                            |          | Found:     | <input type="text"/> |           | 2.774  |       |        |      |            | 0.151    |
| 57222                                                      | 35-00-13 |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 2.5024 |       |        |      |            | 0.136    |
|                                                            |          | Found:     | <input type="text"/> |           | 2.882  |       |        |      |            | 0.177    |
| 57223                                                      | 35-00-13 |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 2.5024 |       |        |      |            | 0.136    |
|                                                            |          | Found:     | <input type="text"/> |           | 2.96   |       |        |      |            | 0.169    |
| 57226                                                      | 6-16-29  |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      | 2.7966    | 5.5932 |       |        |      |            |          |
|                                                            |          | Found:     | <input type="text"/> | 3.146     | 6.601  |       |        |      |            |          |
| 57227                                                      | 6-16-29  |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      | 2.7966    | 5.5932 |       |        |      |            |          |
|                                                            |          | Found:     | <input type="text"/> | 3.19      | 6.852  |       |        |      |            |          |
| 57287                                                      | 35-00-13 |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 2.5141 |       |        |      | 0.0145     | 0.1424   |
|                                                            |          | Found:     | <input type="text"/> |           | 2.698  |       |        |      | 0.0127     | 0.125056 |
| 57288                                                      | 35-00-13 |            |                      |           |        |       |        |      |            |          |
|                                                            |          | Guarantee: |                      |           | 2.5141 |       |        |      | 0.0145     | 0.1424   |
|                                                            |          | Found:     | <input type="text"/> |           | 2.594  |       |        |      | 0.0146     | 0.155    |
| Southern States Winchester Fertilizer Plant Winchester ,KY |          |            |                      |           |        |       |        |      |            |          |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                       | Sample Number | Grade    | Calcium                          | Magnesium            | Sulfur  | Boron  | Copper | Iron | Managanese | Zinc   |
|------------------------------------|---------------|----------|----------------------------------|----------------------|---------|--------|--------|------|------------|--------|
|                                    | 55132         | 10-10-10 | Brand: 'Southern States          |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 7       |        |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> | 6.958   |        |        |      |            |        |
|                                    | 55278         | 24-5-11  | Brand: '24-5-11                  |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 9       |        |        | 0.2  |            | 0.06   |
|                                    |               |          | Found:                           | <input type="text"/> | 11.56   |        |        | 0.29 |            | 0.0772 |
|                                    | 55943         | 16-1-00  | Brand: 'SS                       |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 20      |        |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> | 19.1117 |        |        |      |            |        |
|                                    | 57673         | 00-10-30 | Brand: 'SS                       |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      |         | 0.45   |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> |         | 0.453  |        |      |            |        |
|                                    | 57675         | 10-10-10 | Brand: 'SS                       |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 7       |        |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> | 8.509   |        |        |      |            |        |
|                                    | 57758         | 11-00-14 | Brand: '11-0-14 w/14%S           |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 14      |        |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> | 13.66   |        |        |      |            |        |
|                                    | 57759         | 11-00-14 | Brand: '11-0-14 w/14%S           |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 14      |        |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> | 13.2819 |        |        |      |            |        |
|                                    | 57760         | 19-14-19 | Brand: '19-14-19 w/2.5%S         |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 2.5     |        |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> | 3.107   |        |        |      |            |        |
|                                    | 57761         | 00-10-30 | Brand: 'SS                       |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      |         | 0.45   |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> |         | 0.4620 |        |      |            |        |
|                                    | 57765         | 00-10-30 | Brand: 'SS                       |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      |         | 0.45   |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> |         | 0.377  |        |      |            |        |
| Stanley Crop Service Owensboro ,KY |               |          |                                  |                      |         |        |        |      |            |        |
|                                    | 56855         | 20-00-00 | Brand: 'AS                       |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 24      |        |        |      |            |        |
|                                    |               |          | Found:                           | <input type="text"/> | 24.32   |        |        |      |            |        |
|                                    | 56865         | 7-23-6   | Brand: 'Starter 6-22-5-4S-0.43Zn |                      |         |        |        |      |            |        |
|                                    |               |          | Guarantee:                       |                      | 3.8     |        |        |      |            | 0.43   |
|                                    |               |          | Found:                           | <input type="text"/> | 3.684   |        |        |      |            | 0.417  |
| SUL4R Plus, LLC Louisville ,KY     |               |          |                                  |                      |         |        |        |      |            |        |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                   |          |                                                              |         |           |        |        |        |       |            |        |
|------------------------------------------------|----------|--------------------------------------------------------------|---------|-----------|--------|--------|--------|-------|------------|--------|
| Sample Number                                  | Grade    |                                                              | Calcium | Magnesium | Sulfur | Boron  | Copper | Iron  | Managanese | Zinc   |
| 55259                                          | 00-00-00 | Brand: 'Sul4r-Plus Boron                                     |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   | 18      |           | 15     | 1.5    |        |       |            |        |
|                                                |          | Found:                                                       | 19.616  |           | 16.07  | 1.395  |        |       |            |        |
| 55677                                          | 00-00-00 | Brand: 'Sul 4 R plus B Z                                     |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   | 18      |           | 16     | 0.5    |        |       |            | 1.5    |
|                                                |          | Found:                                                       | 18.33   |           | 16.31  | 0.5350 |        |       |            | 1.4082 |
| 55890                                          | 00-00-00 | Brand: 'Sul4R-Plus Boron                                     |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   | 18      |           | 15     | 1.5    |        |       |            |        |
|                                                |          | Found:                                                       | 19.76   |           | 15.9   | 0.051  |        |       |            |        |
| 56502                                          | 00-00-00 | Brand: 'Sul4RPlus B&Zn                                       |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   | 18      |           | 16     | 0.5    |        |       |            | 1.5    |
|                                                |          | Found:                                                       | 21.48   |           | 16.223 | 0.5290 |        |       |            | 1.415  |
| 56954                                          | 00-00-00 | Brand: 'Sul4r-Plus                                           |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   | 21      |           | 17     |        |        |       |            |        |
|                                                |          | Found:                                                       | 20.8    |           | 17.53  |        |        |       |            |        |
| Sun Bulb Company, INC. Arcadia ,FL             |          |                                                              |         |           |        |        |        |       |            |        |
| 56801                                          | 11-35-15 | Brand: 'Orchid Better Bloom                                  |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   |         | 0.6       |        | 0.02   | 0.05   | 0.1   | 0.05       | 0.05   |
|                                                |          | Found:                                                       |         | 0.508     |        | 0.0239 | 0.0447 | 0.102 | 0.043      | 0.0474 |
| 57157                                          | 10-6-8   | Brand: 'Dynamite Cactus and Succulent Food                   |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   |         | 1.2       | 4      | 0.02   | 0.05   | 0.2   | 0.06       |        |
|                                                |          | Found:                                                       |         | 1.921     | 5.472  | 0.0260 | 0.0578 | 0.437 | 0.11       |        |
| Swiss Farms Products Las Vegas ,NV             |          |                                                              |         |           |        |        |        |       |            |        |
| 55180                                          | 12-6-10  | Brand: 'Vigoro Rose Food                                     |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   |         | 1         | 9      | 0.02   | 0.05   | 1     | 0.05       | 0.05   |
|                                                |          | Found:                                                       |         | 1.423     | 10.43  | 0.0332 | 0.0516 | 1.377 | 0.0923     | 0.201  |
| 55181                                          | 10-8-8   | Brand: 'Vigoro Azalea Camellia and Rhododendron Food         |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   |         | 1.5       | 5      | 0.02   | 0.05   | 1.5   | 0.05       | 0.05   |
|                                                |          | Found:                                                       |         | 1.982     | 7.01   | 0.0296 | 0.0533 | 1.88  | 0.0643     | 0.188  |
| 56427                                          | 12-10-5  | Brand: 'Vigoro Tomato & Vegetable Garden Plus Calcium        |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   | 3       | 3         | 5      | 0.02   | 0.05   | 1     | 0.05       | 0.05   |
|                                                |          | Found:                                                       | 10.8775 | 3.931     | 6.462  | 0.0312 | 0.0531 | 1.41  | 0.0652     | 0.134  |
| 57158                                          | 12-10-5  | Brand: 'Vigoro Tomato and Veg Garden Plant Food Plus Calcium |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   | 3       | 3         | 5      | 0.02   | 0.05   | 1     | 0.05       | 0.05   |
|                                                |          | Found:                                                       | 10.06   | 4.839     | 7.118  | 0.0328 | 0.0519 | 1.507 | 0.0831     | 0.144  |
| Tennessee Farmers Coop - Lavergne LaVergne ,TN |          |                                                              |         |           |        |        |        |       |            |        |
| 57521                                          | 00-00-22 | Brand: 'Kmag                                                 |         |           |        |        |        |       |            |        |
|                                                |          | Guarantee:                                                   |         | 11        | 22     |        |        |       |            |        |
|                                                |          | Found:                                                       |         | 10.76     | 21.5   |        |        |       |            |        |
| The Scotts Company Marysville ,OH              |          |                                                              |         |           |        |        |        |       |            |        |

Highlighted values are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                |          |                                                | Calcium                           | Magnesium | Sulfur | Boron | Copper | Iron  | Managanese | Zinc |
|---------------------------------------------|----------|------------------------------------------------|-----------------------------------|-----------|--------|-------|--------|-------|------------|------|
| Sample Number                               | Grade    |                                                |                                   |           |        |       |        |       |            |      |
| 55191                                       | 32-00-10 | Brand: 'Turfbuilder Winterizer                 |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 6      |       |        |       |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 7.447  |       |        |       |            |      |
| 55472                                       | 11-2-2   | Brand: 'Scotts Natural Lawn Food               |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     | 1.5                               |           | 1      |       |        |       |            |      |
|                                             |          | Found:                                         | <input type="text" value="2.88"/> |           | 2.121  |       |        |       |            |      |
| 56376                                       | 32-00-10 | Brand: 'Scotts Turf Builder Southern Lawn Food |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 4      |       |        | 2     |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 5.264  |       |        | 2.084 |            |      |
| 56377                                       | 27-00-2  | Brand: 'Scotts Green Max                       |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 10     |       |        | 5     |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 12.64  |       |        | 5.759 |            |      |
| 56426                                       | 32-00-4  | Brand: 'Scotts Turf Builder                    |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 7      |       |        | 2     |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 7.647  |       |        | 2.35  |            |      |
| 57001                                       | 10-10-10 | Brand: 'All Purpose Flower and Vegetable       |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 2      |       |        |       |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 2.765  |       |        |       |            |      |
| 57328                                       | 26-00-2  | Brand: 'Scotts Green Max                       |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 11     |       |        | 5.17  |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 12.43  |       |        | 4.824 |            |      |
| Thomas Cayce Farm Supply, LLC Princeton ,KY |          |                                                |                                   |           |        |       |        |       |            |      |
| 55210                                       | 20-00-00 | Brand: 'AS                                     |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 24     |       |        |       |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 26.06  |       |        |       |            |      |
| 55773                                       | 20-00-00 | Brand: 'AS                                     |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 24     |       |        |       |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 23.42  |       |        |       |            |      |
| 55775                                       | 21-00-00 | Brand: 'AS                                     |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   |           | 24     |       |        |       |            |      |
|                                             |          | Found:                                         | <input type="text"/>              |           | 23.57  |       |        |       |            |      |
| 55778                                       | 00-00-22 | Brand: 'K-Mag                                  |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   | 10.5      | 21     |       |        |       |            |      |
|                                             |          | Found:                                         | <input type="text"/>              | 9.17      | 19.6   |       |        |       |            |      |
| 56270                                       | 8-20-25  |                                                |                                   |           |        |       |        |       |            |      |
|                                             |          | Guarantee:                                     |                                   | 2.3744    | 4.7487 |       |        |       |            |      |
|                                             |          | Found:                                         | <input type="text"/>              | 2.78      | 5.535  |       |        |       |            |      |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                                          |          |                           |                                    |           |        |       |        |       |            |       |
|-------------------------------------------------------|----------|---------------------------|------------------------------------|-----------|--------|-------|--------|-------|------------|-------|
| Sample Number                                         | Grade    |                           | Calcium                            | Magnesium | Sulfur | Boron | Copper | Iron  | Managanese | Zinc  |
| 56271                                                 | 8-20-25  |                           |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    | 2.3744    | 4.7487 |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               | 3.044     | 6.15   |       |        |       |            |       |
| 56272                                                 | 13-16-20 |                           |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 7.895  |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 8.359  |       |        |       |            |       |
| 56273                                                 | 13-16-20 |                           |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 7.895  |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 7.522  |       |        |       |            |       |
| 56657                                                 | 20-00-00 | Brand: 'AS                |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 23.42  |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 23.4   |       |        |       |            |       |
| 56661                                                 | 13-16-20 |                           |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 7.7139 |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 8.507  |       |        |       |            |       |
| 56662                                                 | 13-16-20 |                           |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 7.7139 |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 8.257  |       |        |       |            |       |
| 56664                                                 | 13-22-21 |                           |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 2.7621 |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 4.152  |       |        |       |            |       |
| 56665                                                 | 13-22-21 |                           |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 2.7621 |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 3.884  |       |        |       |            |       |
| Tiger-Sul Products LLC Atmore ,AL                     |          |                           |                                    |           |        |       |        |       |            |       |
| 56224                                                 | 00-00-00 | Brand: 'Tiger 90CR Sulfur |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 90     |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 95.36  |       |        |       |            |       |
| 56999                                                 | 00-00-00 | Brand: 'Sulfur 90%        |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 90     |       |        |       |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 92.36  |       |        |       |            |       |
| Tri-County Fertilizer Co., Inc. Richmond ,KY          |          |                           |                                    |           |        |       |        |       |            |       |
| 56328                                                 | 00-00-00 | Brand: 'sul4rplus         |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                | 18                                 |           | 16     | 0.5   |        |       |            | 1.5   |
|                                                       |          | Found:                    | <input type="text" value="21.56"/> |           | 15.257 | 0.546 |        |       |            | 1.372 |
| Turf Care Supply Corporation Brunswick ,OH            |          |                           |                                    |           |        |       |        |       |            |       |
| 55307                                                 | 22-00-4  | Brand: 'AMP XC 22 0 4     |                                    |           |        |       |        |       |            |       |
|                                                       |          | Guarantee:                |                                    |           | 1.7    |       |        | 2     |            |       |
|                                                       |          | Found:                    | <input type="text"/>               |           | 2.758  |       |        | 2.344 |            |       |
| Warner Fertilizer - Campbellsville Campbellsville ,KY |          |                           |                                    |           |        |       |        |       |            |       |

Highlighted values are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

| Manufacturer                               |          |                |                      |           |         |        |        |      |            |        |
|--------------------------------------------|----------|----------------|----------------------|-----------|---------|--------|--------|------|------------|--------|
| Sample Number                              | Grade    |                | Calcium              | Magnesium | Sulfur  | Boron  | Copper | Iron | Managanese | Zinc   |
| 57433                                      | 16-10-11 |                |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 14.0377 |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 14.45   |        |        |      |            |        |
| 57434                                      | 19-15-16 |                |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           |         | 0.1137 |        |      | 0.0517     | 0.5788 |
|                                            |          | Found:         | <input type="text"/> |           |         | 0.1430 |        |      | 0.1        | 0.591  |
| 57751                                      | 17-7-10  |                |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 16.2712 |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 15.38   |        |        |      |            |        |
| Warner Fertilizer - Liberty Liberty ,KY    |          |                |                      |           |         |        |        |      |            |        |
| 57799                                      | 30-00-00 |                |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 8       |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 9.38    |        |        |      |            |        |
| Warner Fertilizer - Somerset Somerset ,KY  |          |                |                      |           |         |        |        |      |            |        |
| 55926                                      | 21-00-00 | Brand: 'AMS    |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 24      |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 24.34   |        |        |      |            |        |
| 56220                                      | 21-00-00 | Brand: 'AS     |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 24      |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 26.37   |        |        |      |            |        |
| 57066                                      | 00-00-00 | Brand: 'Sulfur |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 90      |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 89.1659 |        |        |      |            |        |
| 57390                                      | 21-00-00 | Brand: 'AS     |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 24      |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 23.5    |        |        |      |            |        |
| Woodford Feed Company, Inc. Versailles ,KY |          |                |                      |           |         |        |        |      |            |        |
| 57155                                      | 25-00-24 |                |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 4.8649  |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 5.574   |        |        |      |            |        |
| 57156                                      | 25-00-24 |                |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 4.8649  |        |        |      |            |        |
|                                            |          | Found:         | <input type="text"/> |           | 5.381   |        |        |      |            |        |
| 57351                                      | 27-00-23 |                |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 0.5385  |        |        |      |            | 0.7692 |
|                                            |          | Found:         | <input type="text"/> |           | 0.55    |        |        |      |            | 0.841  |
| 57353                                      | 32-00-13 |                |                      |           |         |        |        |      |            |        |
|                                            |          | Guarantee:     |                      |           | 4.4574  |        |        |      |            | 0.9304 |
|                                            |          | Found:         | <input type="text"/> |           | 4.726   |        |        |      |            | 0.918  |

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

| Manufacturer  |          |                    |                      |        |       |        |      |            |        |  |
|---------------|----------|--------------------|----------------------|--------|-------|--------|------|------------|--------|--|
| Sample Number | Grade    | Calcium            | Magnesium            | Sulfur | Boron | Copper | Iron | Managanese | Zinc   |  |
| 57354         | 27-00-23 |                    |                      |        |       |        |      |            |        |  |
|               |          | Guarantee:         |                      | 0.5385 |       |        |      |            | 0.7692 |  |
|               |          | Found:             | <input type="text"/> | 0.469  |       |        |      |            | 0.733  |  |
| 56348         | 00-00-00 |                    |                      |        |       |        |      |            |        |  |
|               |          | Brand: 'Maximo 362 |                      |        |       |        |      |            |        |  |
|               |          | Guarantee:         |                      | 17.5   |       |        |      |            | 35.5   |  |
|               |          | Found:             | <input type="text"/> | 19.1   |       |        |      |            | 36.78  |  |

Highlighted values are deficient.

# Regulatory Bulletin 339

## Table 4 Registered Companies 2018-2019



**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                                 |                                                                             |                                                                                      |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 3H Trading Company, LLC<br>8505 Technology Forest Place<br>Suite 1102<br>The Woodlands TX 77381 | A-J Inc<br>291 N Hubbards Ln<br>Suite 172 POB 113<br>Louisville KY 40207    | A.H. Hoffman<br>POB 290<br>Lancaster NY 14086                                        |
| Acadian Seaplants Limited<br>30 Brown Ave<br>Dartmouth NS B3B 1X8<br>Canada                     | Access Business Group Intl LLC<br>7575 Fulton Street East<br>Ada MI 49355   | Actagro, LLC<br>677 W. Palmdon Dr. #108<br>Fresno CA 93704                           |
| Active Agriscience Inc<br>209-31136 Peardonville Rd<br>Abbotsford BC V2Y 6K2<br>Canada          | Advanced Biological Marketing Inc<br>POB 222<br>Van Wert OH 45891           | Advanced Marine Technologies<br>33 Cape Street<br>New Bedford MA 02740               |
| Advanced Microbial Solutions<br>POB 519<br>Pilot Point TX 76258                                 | Advanced Micronutrient Products<br>2405 W Vassar Rd<br>Reese MI 48757       | Advanced Nutrients<br>#109-31063 Wheel Ave<br>Abbotsford BC V2T 6H1<br>Canada        |
| Advanced Turf Solutions - Fishers<br>12955 Ford Drive<br>Fishers IN 46038                       | Advancing Eco Agriculture<br>4551 Parks West Rd<br>Middlefield OH 44062     | AdvanSix<br>POB 1559<br>Hopewell VA 23860                                            |
| AeroGrow International, Inc.<br>6075 Longbow Drive, Suite 200<br>Boulder CO 80301               | Ag Concepts Corporation<br>439 E Shore Dr Suite 200<br>Eagle ID 83616       | Ag Distributors Inc<br>6615 Robertson Ave POB 90366<br>Nashville TN 37209            |
| Age Old Organics<br>2001 West Main Street POB 618<br>Mendota IL 61342                           | Agnition<br>1600 Hanh Rd<br>Marshall MN 56258                               | AgNutrition LLC<br>13670 Brooks School Rd<br>Nobelsville IN 46060                    |
| Agrarian Supply<br>625 Center Street Suite A<br>Healdsburg CA 95448                             | Agri-Chem - Herndon<br>11825 Lafayette Road<br>Herndon KY 42236             | Agri-Chem - Hopkinsville<br>1106 West 15th Street PO Box 31<br>Hopkinsville KY 42240 |
| Agri-Chem - Princeton<br>1301 Highway 62 West POB 527<br>Princeton KY 42445                     | Agri-Chem LLC - Casky Location<br>4899 Pembroke Rd<br>Hopkinsville KY 42240 | Agri-Gro Marketing<br>HC 4 Box 333<br>Doniphan MO 63935                              |
| AgriCo LLC<br>3331 NE Sandy Blvd 210<br>Portland OR 97232                                       | AgriEnergy Resources<br>21417 1950 E ST.<br>Princeton IL 61356              | AgriGro Farm Center, Inc.<br>100 AgriGro Drive POB 143<br>Hartford KY 42347          |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                         |                                                                                      |                                                                                     |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Agrinos Inc<br>279 Costeau Place Suite 100<br>Davis CA 95618                            | Agriport Terminal<br>1127 Port Authority Rd.<br>Eddyville KY 42038                   | AgriTec International Inc<br>8765 Stockard Drive Suite 304<br>Frisco TX 75034-8006  |
| Agrium U.S.<br>A Subsidiary of Nutrien Ltd<br>5296 Harvest Lake Dr<br>Loveland CO 80538 | Agrium U.S. Inc.<br>5296 Harvest Lake Drive<br>Loveland CO 80538                     | AgroLiquid Fertilizer<br>3055 W M 21<br>St. Johns MI 48879                          |
| Agroplantae Inc<br>1865 Herndon Ave Suite K321<br>Clovis CA 93611                       | Agroplasma Inc<br>5865 S Kyrene Rd Suite 1<br>Tempe AZ 85283                         | Agxplore Intl LLC<br>POB 638<br>Parma MO 63870-0638                                 |
| Albaugh LLC<br>POB 2127<br>Valdosta GA 31604                                            | All Plant Liquid Plant Food<br>804 State Route 511 N<br>Ashland OH 44805             | All Star Products Group LLC<br>POB 3179<br>Wallingford CT 06494                     |
| Allen County Farmers Service, Inc.<br>512 Smiths Grove Road<br>Scottsville KY 42164     | Altitude Crop Innovations LLC<br>1800 Fall River Drive Suit 100<br>Loveland CO 80538 | American Plant Food Corporation<br>POB 584<br>Galena Park TX 77547                  |
| Ameropa North America Inc<br>2502 Rocky Point Drive Suite 580<br>Tampa FL 33607         | Amturf Enterprises, LLC<br>13963 Westside Lane South<br>Jefferson OR 97352           | Anderson County Farm Service, Inc.<br>145 Hawkins Street<br>Lawrenceburg KY 40342   |
| Antler Technologies LLC<br>103 San Remo Dr<br>Islamorada FL 33036                       | Anuvia Florida LLC<br>6751 West Jones Ave<br>Zellwood FL 32798                       | Aqua-Aid Inc dba Aqua-Aid Solutions<br>5484 Old Carriage Rd<br>Rocky Mount NC 27803 |
| Aqua-Yield Operations<br>4219 Abinadi Rd<br>Salt Lake City UT 84124                     | Arbor Systems<br>POB 34645<br>Omaha NE 68134                                         | Arborjet<br>99 Blueberry Hill Rd<br>Woburn MA 01801                                 |
| Archer Daniels Midland<br>121 South 8th Street, Suite 1700<br>Minneapolis MN 55402      | Archer Daniels Midland<br>2350 Broadway Ave<br>Evansville IN 47712                   | Arysta Life Science America<br>1450 Broadway, 20th Floor<br>New York NY 10018       |
| Arysta Life Science NA LCC<br>15401 Weston Parkway Suite 150<br>Cary NC 27513           | ATAMI America Inc<br>POB 20169<br>Paris ON N3L 4A5<br>Canada                         | Athena Products Inc<br>3811 Wacker Dr<br>Mira Loma CA 91752                         |



**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                               |                                                                                   |                                                                                 |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Atlantic Pacific Agricultural Co<br>525 Clubhouse Dr #210<br>Peachtree City GA 30269          | Aurora Innovations<br>29862 E Enid Rd<br>Eugene OR 97402                          | Azomite Mineral Products Inc<br>7406 NE 84th Terrace<br>Kansas City MO 64157    |
| Baicor, L.C.<br>1895 N 600 W<br>Logan UT 84321                                                | Ball DPF LLC<br>307 E Mulberry St<br>Sherman TX 75090                             | Ballard County Coop., Inc.<br>475 West KY Dr. PO Box 329<br>La Center KY 42056  |
| BAM Agricultural Solutions Inc<br>190 NW Spanish River Blvd, Suite 101<br>Boca Raton FL 33431 | Bandana Ag, Inc.<br>100 Needmore Road<br>La Center KY 42056                       | Barenbrug USA, Inc.<br>33477 Highway 99E PO Box 239<br>Tangent OR 97389         |
| BASF Corporation<br>26 Davis Drive<br>Research Triangle Park NC 27709                         | Bayer Advanced, BU OF BCS LP<br>P.O. Box 12014<br>Research Triangle Park NC 27709 | Beaty Fertilizer<br>P.O. Box 2516<br>Cleveland TN 37320                         |
| Beem Biologics Inc<br>38768 W Farrel Rd<br>Maricopa AZ 85138                                  | Beneficial Reuse Management<br>372 Ontario St., Suite 501<br>Chicago IL 60654     | Bentrei Fertilizer Company LLC<br>7304 S. Yale Avenue<br>Tulsa OK 74136         |
| Bertels B. V.<br>Ommelpad 2<br>6035 PC Ospel<br>The Netherlands                               | Bickett Ag - Central City<br>10391 SR 175 North<br>Central City KY 42330          | Bickett Ag - Morganfield<br>9921 SR 56 East<br>Morganfield KY 42437             |
| Big Bend Agri-Services Inc<br>POB 479 320 1st Ave NE<br>Ciaro GA 39828                        | Big Yield.us (AgMaxx Inc)<br>28706 S State Route 7<br>Garden City MO 64747        | Bio Huma Netics Inc<br>1331 W Houston Ave<br>Gilbert AZ 85233                   |
| BioPro Technologies, LLC<br>4060 SE 45th Ct<br>Oscala FL 34480                                | Biovante LLC<br>601 S Walnut St Suite B<br>Bernie MO 63822                        | Biowish Technologies Inc<br>2724 Erie Avenue Suite C<br>Cincinnati OH 45208     |
| Bioworks Inc.<br>100 Rawson Road, Suite 205<br>Victor NY 14564                                | Black Gold Compost<br>POB 190<br>Oxford FL 34484                                  | Black Gold Envirosafe<br>POB 190<br>Oxford FL 34484                             |
| Black Label<br>POB 13919<br>Las Vegas NV 89112                                                | Bloom Brothers Garden Supply Inc<br>3920 Gilman Street<br>Long Beach CA 90815     | Bluegrass Seed & Fertilizer, Inc.<br>3345 Bloomfield Road<br>Bardstown KY 40004 |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                        |                                                                                                       |                                                                                            |
|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Bonide Products, Inc.<br>6301 Sutliff Road<br>Oriskany NY 13424                        | Boral Resources LLC<br>10701 S Riverfront Parkway Suite 300<br>South Jordan UT 84095                  | Borates Plus Inc<br>1101 South Blossom Trail<br>Apopka FL 32703                            |
| Botanicare<br>6858 W Chicago St<br>Chandler AZ 85226                                   | Bougainvillea Growers International<br>7401 Stringfellow Rd<br>St. James City FL 33956                | Brandt Consolidated Inc<br>2935 S Koke Mill Rd<br>Springfield IL 62711                     |
| Brandt iHammer<br>479 Village Park Drive<br>Powell OH 43065                            | C F Industries Sales LLC<br>4 Parkway N, Suite 400<br>Deerfield IL 60015-2590                         | C.D. Poore Fertilizer<br>708 Burkesville Road<br>Albany KY 42602                           |
| Calcium Products Incorporated<br>POB 281<br>Gilmore City IA 50541                      | Calco Marketing Inc<br>3988 Clay Street<br>Houston TX 77023                                           | Calhoun Feed Service LLC<br>515 Nebo Road<br>Madisonville KY 42431                         |
| Cameron Chemicals Inc<br>4539 Professional Circle Suite 201<br>Virginia Beach VA 23455 | Canton Mills, Inc<br>P.O. Box 97<br>Minnesota City MN 55959                                           | Carbon Earth Company<br>397 Black Hollow Rd<br>Rockwood TN 37854                           |
| Catalyst<br>10100 Douglas Ave<br>Urbandale IA 50322                                    | CDH Associates Inc<br>dba Total Sourcing Concepts<br>112 Cedar Lane POB 24924<br>Chattanooga TN 37422 | Central Crop Care<br>1742 KY Highway 3244<br>Crab Orchard KY 40419                         |
| Central Farmers Supply, Inc.<br>901 Columbia Highway<br>Greensburg KY 42743            | Central Garden & Pet<br>5401 W. Oakwood Park Dr<br>Franklin WI 53132                                  | Central Garden & Pet Garden Division<br>1000 Parkwood Circle Suite 700<br>Atlanta GA 30339 |
| CF Industries Nitrogen LLC<br>4 Parkway North Suite 400<br>Deerfield IL 60015          | CGB Fertilizer<br>5130 Port Road<br>Jeffersonville IN 47130                                           | CH Biotech R&D<br>601 Kettering Drive<br>Ontario CA 91761                                  |
| Charlie's Compost LLC<br>1195 Hwy 815<br>Calhoun KY 42327                              | Chem One LTD<br>14140 Westfair East Dr.<br>Houston TX 77041                                           | Chemsico<br>Division of United Industries<br>POB 142642<br>St. Louis MO 63114              |
| Cherokee Nitrogen<br>1309 Ridge Road, Suite 315<br>Rockwall TX 75087-4243              | Chiles Ag Services<br>3317 Rayburn Rd<br>Murray KY 42071                                              | CHS Crop Nutrients<br>POB 64089<br>St. Paul MN 55164-0089                                  |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                               |                                                                                                        |                                                                                            |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| CHS Crop Nutrients - Owensboro<br>6133 Hwy 60 E<br>Owensboro KY 42303                         | CIBA-Geigy Corporation<br>POB 18300<br>Greensboro NC 27419                                             | Cincinnati Bulk Terminals LLC<br>895 West Mering Way<br>Cincinnati OH 45203                |
| Circle S Farm Supply<br>14 Circle S Road POB 518<br>Rutherford TN 38369                       | Clark's Grocery Feed & Seed<br>6911 Highway 779<br>Rockholds KY 40759                                  | Clean Water Services<br>2550 SW Hillsboro Hwy<br>Hillsboro OR 97123                        |
| Clements Ag Supply<br>PO Box 347<br>Springfield KY 40069                                      | CNI Agriminerals, LLC<br>POB 3706<br>Albany GA 31706                                                   | Coast of Maine Organic Products<br>145 Newbury Street<br>Portland ME 04101                 |
| Commonwealth Agri Solutions -<br>Morganfield<br>1075 Hwy 60 W POB 350<br>Morganfield KY 42437 | Commonwealth Agri-Solutions -<br>Hopkinsville<br>1106 West 15th Street POB 31<br>Hopkinsville KY 42240 | Compass Minerals Ogden Inc<br>9900 W. 109th Street<br>Overland Park KS 66210               |
| Compass Minerals USA Inc<br>9900 W 109th Street Suite 100<br>Overland Park KS 66210           | Compass Minerals Wynyard, Inc.<br>9900 W. 109th St.<br>Overland Park KS 66210                          | Concept Agri-Tek<br>1300 Plant Road<br>Charleston MO 63834                                 |
| Conklin Company Inc<br>551 Valley Park Dr<br>Shakopee MN 55379-0000                           | Corbin Farm & Garden Center, Inc.<br>1205 Master Street POB 1187<br>Corbin KY 40702                    | Croda Inc<br>300-A Columbus Circle<br>Edison NJ 08837                                      |
| Cromartie Agricultural Chemicals<br>PO Box 71647<br>Albany GA 31708                           | Crosslink of New Mexico LLC<br>1455 Peru Mill Rd NW<br>Deming NM 88030                                 | Crown Technology Inc<br>7513 E. 96 <sup>th</sup> Street<br>Indianapolis IN 46256           |
| Crystal Clear Inc<br>PO BOX 38<br>Romeo MI 48065                                              | CSI Chemical Corporation<br>1716 Montana Avenue<br>El Paso TX 79902                                    | Cytozyme Laboratories Inc<br>2700 South 600 West<br>Salt Lake City UT 84115                |
| Dakine 420 LLC<br>494 SW Veterans Way Suite 6<br>Redmon OR 97756                              | Darling Ingredients - Henderson<br>305 Priest St<br>Henderson KY 42420                                 | Darling Ingredients Inc - Cold Spring<br>4221 Alexandria Pike<br>Cold Spring KY 41076-1821 |
| DASCO, Inc<br>9785 Maroon Circle Suite 110<br>Englewood CO 80112                              | Davey Tree Expert Company<br>1500 N. Manuta St. POB 5193<br>Kent OH 44240                              | Davey Tree Expert Company<br>6065 Branch Hill Rd<br>Milford OH 45150                       |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                              |                                                                                             |                                                                                                    |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| David Austin Roses LTD<br>15059 State Hwy 64 W<br>Tyler TX 75704                             | Davis Brothers Farms<br>POB 487<br>Cunningham KY 42035                                      | DeltAg<br>POB 4812<br>Greenville MS 38704                                                          |
| DLF Pickseed USA, Inc.<br>175 West H Street PO Box 229<br>Halsey OR 97348                    | Domestic Fertilizer Inc<br>1750 17th Street<br>Paris KY 40361                               | Donaghys Industries LTD<br>63 Bradshaw Street<br>Dunedin New Zealand                               |
| Down to Earth Distributors Inc<br>POB 1419<br>Eugene OR 97440                                | Dr. Earth Inc<br>POB 460<br>Winters CA 95694                                                | Drake's Farm Service, Inc.<br>640 Logansport Road POB 308<br>Morgantown KY 42261                   |
| Dramm Corporation<br>POB 1960<br>Manitowoc WI 54220                                          | Drexel Chemical Company<br>POB 13327<br>Memphis TN 38113-0327                               | Dyna-Gro<br>2775 Giant Rd<br>Richmond CA 94806                                                     |
| Earthworks<br>30 Morgan Hill Road<br>Easton PA 18042                                         | Earthworm Castings Unlimited, LLC<br>2590 N Beach Rd Unit 100<br>Englewood FL 34223         | Easy Gardener<br>POB 21025<br>Waco TX 76702-1025                                                   |
| Eau Claire CO-OP Oil Company<br>POB 837<br>Eau Claire WI 54702                               | EcoScraps<br>POB 731<br>Sandy UT 84091                                                      | EDC Ag Products Company LLC<br>1309 Ridge Road, Suite 315<br>Rockwall TX 75087-4243                |
| El Dorado Chemical Company<br>4500 North West Avenue<br>El Dorado AR 71730                   | Emerald Harvest<br>1399 Corporate Center Parkway<br>Santa Rosa CA 95407                     | Emerald Triangle<br>POB 305<br>Fortuna CA 95540                                                    |
| Encap, LLC<br>3921 Algoma Road<br>Green Bay WI 54311                                         | ENP Investments Inc<br>POB 618<br>Mendota IL 61342                                          | Enviroflight LLC<br>1118 Progress Way<br>Maysville KY 41056                                        |
| EnviroKure Inc<br>5222 E Comley St<br>Philadelphia PA 19135                                  | ENVY Bioscience<br>6985 South Union Park Center<br>Suite 285<br>Cottonwood Heights UT 84047 | Espoma Company<br>6 Espoma Rd<br>Millville NJ 08332                                                |
| Evergreen Liquid Plant Food<br>790 St. Charles St. W R.R. #1<br>Breslau ON N0B 1M0<br>Canada | Everris NA<br>POB 3310<br>Dublin OH 43016                                                   | Farm Ag Sales, LLC<br>dba C & F Farm Supply<br>66 East Main St Hwy 70 POB 98<br>Hiseville KY 42127 |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                 |                                                                                    |                                                                                            |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Farmer's Organic<br>137 Phipps Ave<br>Newton GA 39670                           | Farmers Fertilizer - Bowling Green<br>739 Kelly Road<br>Bowling Green KY 42104     | Farmers Fertilizer - Bowling Green<br>5619 Old Nashville Road<br>Bowling Green KY 42104    |
| Farmers Fertilizer - Smiths Grove<br>PO Box 127<br>Smiths Grove KY 42171        | FBSciences Inc<br>153 N Main Suite 100<br>Collierville TN 38017                    | Fer-Land Agriculture Technology Corp<br>709 E Colorado Blvd Suite 230<br>Pasadena CA 91101 |
| Ferti Technologies<br>560 Rheaume C.P 129<br>Saint-Michael QC J0L 2J0<br>Canada | Fertile Peat Products LLC<br>250 ProPeat Drive<br>Sugar City ID 83448              | Fleming County Farm Supply<br>1724 Maysville Road<br>Flemingsburg KY 41041                 |
| Floradis Enterprises Inc<br>POB 156<br>Riva MD 21140                            | Florikan E.S.A., LLC<br>6801 Energy Court Suite 100<br>Sarasota FL 34240           | Florists Transworld Delivery<br>3113 Woodcreek Drive<br>Downers Grove IL 60515             |
| Foxfarm Soil & Fertilizer Company<br>POB 787<br>Arcata CA 95518                 | Frank Hinton & Son<br>591 Plummers Landing Road<br>Plummers Landing KY 41081       | Frick Services Inc<br>3154 W Depot St POB 40<br>Wawaka IN 46794                            |
| Frit Industries<br>P.O. Box 1589<br>Ozark AL 36361                              | Front Row Ag LLC<br>2794 Great Cove Rd<br>Warfordsburg PA 17267                    | Full Cycle Gardening, Inc.<br>1053 E. Whitaker Mill Road #115<br>Raleigh NC 27604          |
| Galaxy Sulfur LLC<br>POB 1165<br>Valdosta GA 31603-1165                         | Gantec Inc<br>777 E Isabella Rd<br>Midland MI 48640                                | Garick<br>13600 Broadway Ave<br>Cleveland OH 44125                                         |
| Gaskins Fertilizer<br>1820 Millerfield Road<br>Russell Springs KY 42642         | Gavilon Fertilizer Inc<br>5 Skidaway Village Walk<br>Savannah GA 31411             | General Hydroponics<br>POB 1576<br>Sebastpol CA 95473                                      |
| Genesis Ag LLC<br>5015 Canal NW Street Suite 103<br>Riverside MO 64150          | Giles Chemical Corp<br>Div of Premier Magnesia LLC POB 370<br>Waynesville NC 28786 | Gran Nora LLC<br>555 University Avenue #114<br>Sacramento CA 95825                         |
| Granco Minerals Inc<br>23011 Airpark Drive<br>Petersburg VA 23803               | Grant County Mulch Inc<br>181 Mulch Drive<br>Petersburg WV 26847                   | Great Pacific Bioproducts LTD<br>13140 Rice Mill Rd<br>Richmond BC V6W 1A1<br>Canada       |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                             |                                                                                               |                                                                                             |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Green & Hagstrom<br>7767 Fernvale Rd POB 658<br>Fairview TN 37062                           | Green and Grow Inc<br>600 Congress Avenue Floor 14<br>Austin TX 78701                         | Green Charger Fertilizer Corporation<br>POB 26234<br>Richmond VA 23260                      |
| Green Field Farms<br>6464 Fredricksburg Rd<br>Wooster OH 44691                              | Green River Feed Mill, Inc.<br>1239 South Main St POB 410<br>Morgantown KY 42261              | Green Star Plant Products Inc<br>#284-505-8840 210th Street<br>Langley BC V1M 2Y2<br>Canada |
| Green Technologies LLC<br>POB 35790<br>Gainesville FL 32635-7905                            | GreenGro LLC<br>POB 976<br>Windsor CA 95492                                                   | GreenPoint Ag, LLC<br>1268 Highway 261 POB 459<br>Hardinsburg KY 40143                      |
| Grigg Brothers<br>9495 1050 E POB 128<br>Albion ID 83311                                    | Gro Green Inc<br>717 Elk St<br>Buffalo NY 14210                                               | Gro Tec Inc<br>POB 290<br>Madison GA 30650-1821                                             |
| Gro-Mor<br>281 Farmland Rd<br>Leola PA 17540                                                | Grow Appalachia<br>CPO 2122<br>Berea KY 40404                                                 | Grow More Inc<br>15600 New Century Drive<br>Gardena CA 90248                                |
| Growers Chemical Corp<br>321 Huron St POB 1750<br>Milan OH 44846-0000                       | Growmark Inc<br>1701 Towanda Ave.<br>Bloomington IL 61702                                     | GY RainSoil LLC<br>6960 W Warm Springs Rd Suite 110<br>Las Vegas NV 89113                   |
| Haifa North America Inc<br>307 Cranes Roost Blvd #2030<br>Alamonte Springs FL 32701         | Hancock County Farm Supply, Inc.<br>740 Madison Street POB 95<br>Hawesville KY 42348          | Harrell's, LLC<br>720 Kraft Road<br>Lakeland FL 33815                                       |
| Harrell's, LLC<br>151 Gene E. Stewart Blvd<br>Sylacauga AL 35151                            | Harsco Metal & Minerals<br>359 North Pike Rd<br>Sarver PA 16055                               | Harvest Consumer Products LLC<br>215 Overhill Drive Suite 200<br>Mooresville NC 28117       |
| Hawthorne Hydroponics<br>(Hawthorne Gardening)<br>3204 NW 38th Circle<br>Vancouver WA 98660 | Hawthorne Hydroponics<br>dba General Hydroponics<br>2877 Giffen Avenue<br>Santa Rosa CA 95407 | Hawthorne Hydroponics<br>dba General Organics<br>2877 Giffen Avenue<br>Santa Rosa CA 95407  |
| Helena Agri-Enterprises - Hazel<br>1679 Hub Erwin Road<br>Hazel KY 42049                    | Helena Agri-Enterprises - Hickman<br>3500 State Route 1099<br>Hickman KY 42050                | Helena Agri-Enterprises, LLC<br>225 Schilling Blvd Suite 300<br>Collierville TN 38017       |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                               |                                                                                          |                                                                                                                |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Helm Fertilizer<br>10150 Highland Manor Dr Suite 230<br>Tampa FL 33610                        | Helm Fertilizer Company<br>401 East Jackson St. Suite 1400<br>Tampa FL 33602             | Henry Farmers Co-Op<br>10525 Hwy 69 N<br>Cottage Grove TN 38224                                                |
| Henry Farmers Cooperative - Murray<br>4075 HWY 641 South<br>Murray KY 42071                   | Henry Farmers Cooperative - Paris<br>225 Tennessee 69 N POB 1058<br>Paris TN 38242       | HGCI, Inc.<br>dba Hawthorne Hydroponics Brands<br>3993 Howard Hughes Pkwy Suite 250<br>Las Vegas NV 89169-6754 |
| Highland Sod Farm<br>1377 Hutcherson Lane<br>Elizabethtown KY 42701                           | Hilander Feed Company<br>618 Military Street<br>Georgetown KY 40324                      | Hinton Mills at Cynthiana<br>332 Lincoln Ave<br>Cynthiana KY 41031                                             |
| Holganix LLC<br>3033 Market Street<br>Aston PA 19014                                          | Howard Fertilizer & Chemical Co.<br>POB 628202<br>Orlando FL 32862                       | Howard Johnson Enterprises Inc<br>9675 S 60th St<br>Franklin WI 53132                                          |
| HPI Distribution Corp<br>3811 Wacker Dr<br>Mira Loma CA 91752                                 | Humboldt Bottling<br>POB 429<br>Fortuna CA 95540                                         | Humic Growth Solutions Inc<br>709 Eastport Rd<br>Jacksonville FL 32218                                         |
| Hydrite Chemical Company<br>300 N Patrick Blvd<br>Brookville WI 53045                         | Hydrodynamics International<br>5711 Enterprise Drive<br>Lansing MI 48911                 | Hydrolysate Company of America LLC<br>POB 271<br>Isola MS 38754                                                |
| Hydronamics International<br>5711 Enterprise Drive<br>Lansing MI 48911                        | Hyponex Corporation<br>14111 Scottslawn Rd.<br>Marysville OH 43041                       | HYR BRIX Fertilizer<br>2242 Berlin Station Rd<br>Delaware OH 43015                                             |
| Hysinger Farm<br>1375 Rose Hill Rd<br>Mount Vernon KY 40456                                   | ICL Premium Fertilizers NA - St. Louis<br>622 Emerson Rd<br>St. Louis MO 63141           | ICL Specialty Products Inc<br>622 Emerson Rd Suite 500<br>St Louis MO 63141                                    |
| IMC Outdoor Living a Division of<br>Liberty Tire Recycling<br>POB 31366<br>Des Peres MO 63131 | Improcrop<br>dba Alltech Crop Science<br>3031 Catnip Hill Road<br>Nicholasville KY 40356 | Innvictis Crop Care LLC<br>1880 Fall River Dr Suite 100<br>Loveland CO 80538                                   |
| Insta-Gro Manufacturing Inc.<br>8217 Linn Hipsher Rd.<br>Caledonia OH 43314                   | International Chemical<br>1887 E 71st Street<br>Tulsa OK 74136                           | Isagro USA Inc<br>430 Davis Drive Suite 240<br>Morrisville NC 27560                                            |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

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| Italpollina USA<br>1800 Purdue Parkway<br>Anderson IN 46016                           | J. A. Oldfield & Son, Inc.<br>8447 Highway 460<br>Mize KY 41352                | J. J. Mauget Company Inc<br>5435 Peck Rd.<br>Arcadia CA 91006-5847                                                  |
| J. R. Peters<br>6656 Grant Way<br>Allentown PA 18106                                  | J. R. Simplot Company - Lathrop<br>PO Box 198<br>Lathrop CA 95330              | Janes Fertilizer & Farm Supply<br>4540 Edmonton Road<br>Columbia KY 42728                                           |
| JBK Industries Inc<br>481 N Santa Cruz Ave #163<br>Los Gatos CA 95032                 | JH Biotech<br>4951 Olivas Park Dr<br>Ventura CA 93003                          | Jigsaw Marketing & Media LTD<br>POB 703<br>Bucks HP6 9BX<br>United Kingdom                                          |
| JM Fertilizer<br>100 S Ashley Dr Suite 1240<br>Tampa FL 33602                         | Jonathan Green & Sons, Inc.<br>PO Box 326<br>Farmingdale NJ 07727              | JRM Chemical<br>4881 NEO Parkway<br>Cleveland OH 44128                                                              |
| Kee's Farm Service & Supply, LLC.<br>KY Route 1 & 7 North POB 901<br>Grayson KY 41143 | Keg River Chemical Corporation<br>10350-21 St<br>Edmonton AB T6P 1W4<br>Canada | Kellogg Garden Products<br>350 W Sepulveda Blvd<br>Carson CA 90745                                                  |
| Ken's Value Center<br>5529 HWY 1054 South<br>Berry KY 41003                           | Kent Marine<br>9675 S. 60th Street<br>Franklin WI 53132                        | Kentucky Fertilizer - Winchester<br>303 Hill Street<br>Winchester KY 40391                                          |
| Kentucky Organics Farm & Feed<br>4050 Guthrie Rd<br>Guthrie KY 42234                  | Key Grow Solutions<br>421 Leader Street<br>Marion OH 43302                     | Keyplex<br>POB 2515<br>Winter Park FL 32790                                                                         |
| Knox Fertilizer Company Inc<br>POB 248 W. Culver Rd<br>Knox IN 46534                  | Koch Agronomic Services LLC<br>POB 2900<br>Wichita KS 67201-2900               | Koch Fertilizer International Limited<br>C/O Koch Ag & Energy Solutions<br>4111 E 37th Street N<br>Wichita KS 67220 |
| Koch Fertilizer LLC<br>POB 2900<br>Wichita KS 67201                                   | Kresti A. Lyddon Consulting<br>9980-230 S+N<br>Scandia MN 55273                | Kugler Company<br>PO Box 1748<br>McCook NE 69001                                                                    |
| Lake Cumberland Farmers Coop.<br>469 East Highway 90 Bypass<br>Monticello KY 42633    | Lawn and Garden Products Inc<br>POB 35000<br>Fresno CA 93745                   | Lawn Cure of Southern Indiana<br>POB 558 5000 Progress Way<br>Sellersburg IN 47172                                  |



**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                    |                                                                                                           |                                                                                     |
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| Lebanon Seaboard Corporation<br>1600 East Cumberland Street<br>Lebanon PA 17042    | Legacy Chemical Solutions<br>404 S. Vine Street<br>Camargo IL 61919                                       | Lesaffre Yeast Corporation<br>7475 West Main Street<br>Milwaukee WI 53214           |
| Lesco Inc.<br>1385 East 36th Street<br>Cleveland OH 44114                          | Lidochem Inc<br>20 Village Court<br>Hazlet NJ 07730                                                       | Lilly Miller Brands - Atlanta<br>1000 Parkwood Circle Suite 700<br>Atlanta GA 30339 |
| Live Earth Products<br>POB 76<br>Emery UT 84522                                    | Locus Agricultural Solutions<br>30500 Aurora Rd Suite 180<br>Solon OH 44139                               | Louisville & Jefferson County MSD<br>4522 Algonquin Parkway<br>Louisville KY 40211  |
| Louisville & Jefferson County MSD<br>4522 Algonquin Parkway<br>Louisville KY 40211 | Loveland Products, Inc.<br>7251 West 4th Street POB 1286<br>Greeley CO 80632                              | Mac Farms<br>469 Gwinn Lane<br>Campbellsville KY 42718                              |
| Macon Trousdale Farms<br>905 Scottsville Rd.<br>Lafayette TN 37083                 | Magic Dirt Horticultural Products, LLC<br>11500 North Rodney Parham Rd<br>Suite 9<br>Little Rock AR 72212 | Maia Grow<br>407 Wilton Rd<br>Farmington ME 04938                                   |
| Marco NPK Inc<br>201 E Benton Street POB 477<br>Clinton IL 61727                   | Markman Peat Corp.<br>900 Eagle Ridge Road<br>Le Claire IA 52753                                          | Mars Fishcare North America Inc<br>50 East Hamilton Street<br>Chalfont PA 18914     |
| Marshall County Coop<br>501 Poplar Street POB 230<br>Benton KY 42025               | Martin Operating Partnership LP<br>POB 191<br>Kilgore TX 75663-0191                                       | Master Blend International LLC<br>4673 Weitz Rd<br>Morris IL 60450                  |
| Master Nursery<br>2151 Salvio St Suite 255<br>Concord CA 94520                     | Master Plant-Prod Inc<br>314 Orenda Rd<br>Brampton ON L6T 1G1<br>Canada                                   | Mays Lick Mill<br>6538 U.S. 68<br>Mays Lick KY 41055                                |
| Mayville Limestone Inc<br>POB 25<br>Mayville WI 53050                              | Meristem Crop Performance<br>1276 Lakemore Dr<br>Woodbury MN 55129                                        | MFA Incorporated<br>201 Ray Young Drive<br>Columbia MO 65201                        |
| MGS Horticulture USA, Inc.<br>50 Hazelton St<br>Leamington ON N8H 3W1<br>Canada    | Michigan Peat Company<br>POB 980129<br>Houston TX 77098-0129                                              | Mid States Ag Sales LLC<br>POB 3003<br>Laverne TN 37086-1983                        |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

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|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Mid-America River and Rail LLC<br>431 Nursery Road Suite B 500<br>The Woodlands TX 77380      | Midwest AGri-Chemico Inc<br>POB 1717 4868 Nash<br>Cape Girardeau MO 63702                  | Midwestern BioAg, Inc.<br>918 Deming Way, Suite 200<br>Madison WI 53717                    |
| Miller Chemical & Fertilizer LLC<br>POB 333 Radio Road<br>Hanover PA 17331                    | Milwaukee Metro Sewerage District<br>POB 3049<br>Milwaukee WI 53201-3049                   | Miracle-Gro Lawn Products, Inc.<br>14111 Scottslawn Rd<br>Marysville OH 43041              |
| Mirimichi Green Express LLC<br>418 Hermitage Rd<br>Castle Hayne NC 28429                      | Monty's Plant Food<br>4800 Strawberry Lane<br>Louisville KY 40209                          | Morral Company<br>132 Postle Street POB 26<br>Morral OH 43337                              |
| Mosaic Global Sales, LLC.<br>13830 Circa Crossing Dr.<br>Lithia FL 33547                      | Mulch Manufacturing<br>6747 Taylor Road, SW<br>Reynoldsburg OH 43068                       | Mycorrhizal Applications LLC<br>810 NW East Street<br>Grants Pass OR 97526                 |
| N-7, LLC<br>4425 Singing Hills Blvd.<br>Sioux City IA 51106                                   | N-Vizion Products Group Inc<br>POB 579<br>Washington GA 30673                              | Nachurs Alpine Solutions Corporation<br>421 Leader St.<br>Marion OH 43302-9989             |
| National Garden Wholesale<br>5408 NE 88TH Street<br>Vancouver WA 98665                        | Natural Technologies<br>10 Northern Blvd, Unit 20<br>Amherst NH 03031                      | New England Fertilizer Company<br>97 East Howard Street<br>Quincy MA 02169                 |
| North Country Organics<br>POB 372<br>Bradford VT 05033                                        | Novelty Manufacturing Company<br>1330 Loop Road<br>Lancaster PA 17601                      | Nutrien Ag Solutions - Russellville<br>485 Peyton Street<br>Russellville KY 42276          |
| Nutrien Ag Solutions - Allensville<br>7645 Allensville Road<br>POB 25<br>Allensville KY 42204 | Nutrien Ag Solutions - Beaver Dam<br>230 East 1st Street<br>POB 186<br>Beaver Dam KY 42320 | Nutrien Ag Solutions - Campbellsville<br>144 Airport Road POB 7<br>Campbellsville KY 42719 |
| Nutrien Ag Solutions - Cecilia<br>356 Robinson Street<br>Cecilia KY 42724                     | Nutrien Ag Solutions - Clarkson<br>702 West Main Street POB 8<br>Clarkson KY 42726         | Nutrien Ag Solutions - Clarksville<br>5217 Guthrie Highway<br>Clarksville TN 37040         |
| Nutrien Ag Solutions - Clay<br>8381 State Route 132 West<br>Clay KY 42404                     | Nutrien Ag Solutions - Clinton<br>245 Cotton Gin Road<br>Clinton KY 42031                  | Nutrien Ag Solutions - Clinton<br>4217 St. Rt. 703 E<br>Clinton KY 42031                   |

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|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Nutrien Ag Solutions - Ekron<br>7410 U.S. 60<br>Ekron KY 40117                           | Nutrien Ag Solutions - Elizabethtown<br>3950 Hodgenville Road<br>Elizabethtown KY 42701    | Nutrien Ag Solutions - Fancy Farm<br>10693 State Route 121 N<br>Fancy Farm KY 42039   |
| Nutrien Ag Solutions - Glendale<br>6339 New Glendale Road POB 155<br>Glendale KY 42740   | Nutrien Ag Solutions - Greeley<br>POB 1286<br>Greeley CO 80632                             | Nutrien Ag Solutions - Hardin<br>1266 Brewers Highway<br>Hardin KY 42048              |
| Nutrien Ag Solutions - Henderson<br>1229 Outer 5th Street<br>Henderson KY 42420          | Nutrien Ag Solutions - Hodgenville<br>307 West Main Street POB 147<br>Hodgenville KY 42748 | Nutrien Ag Solutions - Hopkinsville<br>3530 Eagle Way<br>Hopkinsville KY 42240        |
| Nutrien Ag Solutions - Horse Cave<br>6495 South Jackson Highway<br>Horse Cave KY 42749   | Nutrien Ag Solutions - Kevil<br>6696 Paducah Road POB 112<br>Kevil KY 42053                | Nutrien Ag Solutions - Lebanon<br>565 Royer Avenue POB 493<br>Lebanon KY 40033        |
| Nutrien Ag Solutions –<br>Liquid River Terminal<br>2290 Harbor Rd.<br>Owensboro KY 42301 | Nutrien Ag Solutions - Morganfield<br>4770 U.S. 60 West<br>Morganfield KY 42437            | Nutrien Ag Solutions - Morganfield<br>3856 Highway 60 East<br>Morganfield KY 42437    |
| Nutrien Ag Solutions - Murray<br>1319 Cross Spann Rd<br>Murray KY 42071                  | Nutrien Ag Solutions - Murray<br>795 Butterworth Road<br>Murray KY 42071                   | Nutrien Ag Solutions - Pembroke<br>221 Duffy Street POB 129<br>Pembroke KY 42266      |
| Nutrien Ag Solutions - Riverport<br>2700 Rinaldo Rd<br>Owensboro KY 42301                | Nutrien Ag Solutions - Russellville<br>5240 Halls Store Road<br>Russellville KY 42276      | Nutrien Ag Solutions - Russellville<br>3256 Clarksville Road<br>Russellville KY 42276 |
| Nutrien Ag Solutions - Sacramento<br>PO Box 229<br>Sacramento KY 42372                   | Nutrien Ag Solutions - Salem<br>318 West Main Street<br>Salem KY 42078                     | Nutrien Ag Solutions - Sedalia<br>1680 State Route 339 East POB 9<br>Sedalia KY 42079 |
| Nutrien Ag Solutions - Shelbyville<br>256 Old Brunerstown Road<br>Shelbyville KY 40065   | Nutrien Ag Solutions - Slaughters<br>3110 Jewell City Road<br>Slaughters KY 42456          | Nutrien Ag Solutions - Upton<br>14109 South Dixie Highway POB 380<br>Upton KY 42784   |
| Nutrien Ag Solutions - Waverly<br>4630 US HWY 60 East<br>Waverly KY 42462                | Nutrien Ag Solutions Inc<br>1000 Port Plaza Rd.<br>Henderson KY 42420                      | Nutrients Plus LLC<br>2133 Upton Dr, Suite 126<br>Virginia Beach VA 23454             |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

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|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Oakley Little Rock<br>POB 17880<br>North Little Rock AR 72117                                  | Ocean Crest Seafoods Inc<br>88 Commercial St<br>Gloucester MA 01930                | Ocean Organics<br>POB 1448<br>Waldoboro ME 04572                         |
| OGM<br>POB 3442<br>Chico CA 95927                                                              | Ohio Earth Food<br>5488 Swamp Street NE<br>Hartville OH 44632                      | Oldcastle Lawn & Garden<br>POB 468567<br>Atlanta GA 31146                |
| Olmix<br>Le Lintan<br>Brehan 56580                                                             | Omega Protein Inc<br>610 Menhaden Rd<br>Reedville VA 22539                         | Omex Agrifluids Inc<br>POB 815<br>Selma CA 93662                         |
| OPM / Bower & Branch<br>C/O Organic Plant Magic LLC<br>115 Cross Street<br>Marshfield MA 02050 | Oregon Ag, LLC.<br>1150 Oregon Road<br>Lititz PA 17543                             | Oregon's Only<br>POB 7312<br>Springfield OR 97475                        |
| Organic Laboratories Inc<br>5520 Glades Cut-Off Road<br>Fort Pierce FL 34981                   | Oro Agri Inc<br>2788 S Maple Ave<br>Fresno CA 93725                                | Osprey Biotechnics Inc<br>1845 57th Street<br>Sarasota FL 34243          |
| Ostara Nutrients USA Inc<br>690-1199 West Pender St<br>Vancouver BC V6E 2R1<br>Canada          | Otis Bryant & Son, Inc.<br>PO Box 148<br>Caneyville KY 42721                       | Outsidepride.com, Inc.<br>915 N Main St<br>Independence OR 97351         |
| Paducah-McCracken Riverport<br>Authority<br>125 Locust Dr. POB 2302<br>Paducah KY 42002        | Parrish Shop & Sales, LLC<br>8805 Larue Road<br>Henderson KY 42420                 | Pathway Biologic LLC<br>111 East Tever St<br>Plant City FL 33563         |
| PBI Gordon Corp<br>PBI/Gordon Corporation POB 860350<br>Shawnee KS 66286                       | PCI Nitrogen Pasadena LLC<br>POB 3447<br>Pasadena TX 77501                         | PCS Sales (USA) Inc<br>1101 Skokie Blvd Suite 400<br>Northbrook IL 60062 |
| Pearl Valley Farms<br>dba Pearl Valley Organix<br>968 S Kent Rd<br>Pearl City IL 61062         | Pennington Seed - Greenfield<br>303 S. Grand Ave PO Box 338<br>Greenfield MO 65661 | Pennyrile Ag. Oil, Inc.<br>2260 Princeton Road<br>Hopkinsville KY 42240  |
| Perdue AgriBusiness LLC<br>28338 Enviro Way<br>Seaford DE 19973                                | Phase II Inc<br>POB 185 15750 S 680 W<br>Remington IN 47944                        | Pinnacle Ag - Franklin<br>6007 Bowling Green Road<br>Franklin KY 42134   |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

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|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Pinnacle Ag - Fancy Farm<br>9625 State Route 121 N.<br>Fancy Farm KY 42039                | Pinnacle Ag - Glasgow<br>242 Nobob Road POB 126<br>Glasgow KY 42142             | Pinnacle Ag - Hartford<br>1320 Highway 231 North POB 23<br>Hartford KY 42347                 |
| Pinnacle Ag - Mayfield<br>521 South 16th Street<br>Mayfield KY 42066                      | Pinnacle Ag - Russellville<br>95 Utility Drive<br>Russellville KY 42276         | Pinnacle Agriculture Distribution Inc<br>800 Fall River Drive Suite 100<br>Loveland CO 80538 |
| Plant Food Company Inc<br>38 Hightstown-Cranbury Station Rd<br>Cranbury NJ 08512          | Plant Impact Inc.<br>3005 Carrington Mill Blvd<br>Morrisville NC 27560          | Plant Marvel Laboratories<br>371 E. 16th St.<br>Chicago Heights IL 60411                     |
| Plant Revolution Inc<br>412 Goetz Ave<br>Sant Ana CA 92707                                | Plant Science Inc<br>2934 Vandorf Side Road<br>Stouffville ON L4A 2J8<br>Canada | Plant Tuff<br>9600 Mercier<br>Dearborn MI 48120                                              |
| Plantabbs Products<br>POB 165<br>Hunt Valley MD 21030                                     | Plantation Products, Inc.<br>202 South Washington Street<br>Norton MA 02766     | Pleasant View Agri-Service<br>446 South Union Road<br>Auburn KY 42206                        |
| PQ Corporation<br>POB 840<br>Valley Forge PA 19482                                        | Prather Worm Castings<br>582 Goodlet Road<br>Salvisa KY 40372                   | Precision Laboratories<br>1429 S Shields Dr<br>Waukegan IL 60085                             |
| Premier Tech Biotechnologies<br>1 Avenue Premiere<br>Reviere-Du-Loup QC G5R 6C1<br>Canada | Premier Tech Horticulture<br>200 Kelly Rd Unit E-1<br>Quakertown PA 18951       | Prestige Marketing LTD<br>815 Brown Road<br>Orion MI 48359                                   |
| Prime Source LLC<br>POB 250 10025 US Hwy 264 Alt<br>Middlesex NC 27557                    | Pro Ag Sales & Service - Danville<br>410 Valksdahl Avenue<br>Danville KY 40422  | Pro Products, LLC<br>7201 Engle Rd.<br>Fort Wayne IN 46804                                   |
| Pro Sol<br>POB 1589<br>Ozark AL 36361                                                     | Pro Solutions - Crofton<br>222 East Princeton Street<br>Crofton KY 42217        | ProFarm Inc<br>C/O Incorporating Services LTD<br>3500 South Dupont Highway<br>Dover DE 19901 |
| Proven Winners North America LLC<br>45 North First St Suite B<br>Campbell CA 95008        | Pryor Chemical Company<br>4463 Hunt St<br>Pryor OK 74361                        | Pure Life Veganix<br>16211 N. Scottsdale Rd. , A6A-195<br>Scottsdale AZ 85254                |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

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| Purely Organic Products, LLC<br>1 New Hampshire Ave. Suite 125<br>Portsmouth NH 03301                    | Quality Borate Company<br>3690 Orange Place Suite 495<br>Cleveland OH 44122          | Quik Gro<br>POB 309<br>Philpot KY 42366                                                   |
| Raintree Services<br>dba Chemlawn Trugreen<br>400 Center Street<br>Bowling Green KY 42101                | Redox Chemicals LLC<br>130 S 100 W<br>Burley ID 83318                                | Reforestation Technologies<br>5355 Monterey Frontage Rd<br>Gilroy CA 95020-8033           |
| Reiziger Pty Ltd<br>335 Hay Street<br>Subiaco, Western Australias                                        | Reliance Ag - Russellville<br>333 Watermelon Road<br>Russellville KY 42276           | Reliance Ag - Trenton<br>393 Penchem Road<br>Trenton KY 42286                             |
| Residex, LLC<br>15415 Marquardt Avenue<br>Santa Fe Springs CA 90670                                      | Restora-Life Minerals Inc<br>PO Box 725<br>Bay Springs MS 39422                      | Rhino Seed & Landscape Supply, LLC<br>1093 129th Avenue<br>Wayland MI 49348               |
| Rhodes Farm Supply<br>2070 Perrytown Road<br>Scottsville KY 42164                                        | Rip's Farm Center - Tollesboro<br>214 Lions Club Road POB 176<br>Tollesboro KY 41189 | River Ag of Illinois Inc<br>POB 629<br>Metropolis IL 62960                                |
| River Bend Ag LLC<br>POB 126<br>New Madrid MO 63869                                                      | Roberta's Gardens<br>4246 E500S<br>Waldron IN 46182                                  | Rock Holdings SA PTY LTD<br>CNR Brian and Lyndsay Rd<br>Lonsdale, South 5095<br>Australia |
| Rocky Mountain Bio Solids<br>a Division of Bowman Con<br>10801 E 54 <sup>th</sup> Ave<br>Denver CO 80239 | Rod McLellan Company<br>POB 70<br>Independence OR 97351                              | Rogers Fertilizer & Services LLC<br>836 West Main Street<br>Lebanon KY 40033              |
| Rolf C. Hagen (USA) Corporation<br>305 Forbes Blvd<br>Mansfield MA 02048                                 | Rootblast International INC<br>POB 20109<br>Canton OH 44707                          | Rosen's Inc<br>700 SW 291 Hwy Suite 204<br>Liberty MO 64068                               |
| S. J. Enterprises<br>7 O'Connor Court<br>Gepps Cross 5094                                                | SBM Life Science Corporation<br>1001 Winstead Drive, Suite 500<br>Cary NC 27513      | Schaeffer Manufacturing Company<br>102 Barton Street<br>St. Louis MO 63104                |
| SCL Americas Inc<br>6900 College Blvd Suite 430<br>Overland Park KS 66211                                | Scotts Miracle-Gro Products Inc<br>14111 Scottslawn Rd<br>Marysville OH 43041        | Seawin Biotech USA Inc<br>19901 Harrison Ave<br>City of Industry CA 91789                 |

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| Seventy Feeds LLC<br>1647 Highway 70 East<br>Eubank KY 42567                   | Sharkey Products LLC<br>305 Henriette Ave<br>Crivitz WI 54114                      | SimplyGro LLC<br>373 South Willow Street Suite 289<br>Manchester NH 03103                    |
| Sims Bark Company<br>POB 4049<br>Muscle Shoals AL 35662                        | Sipcam Agro USA Inc<br>2525 Meridian Parkway, Suite 350<br>Durham NC 27713         | Sirius Minerals PCL<br>Resolution House, Lake View<br>Scarborough YO11 3ZB<br>United Kingdom |
| Solce Fertilizer Company LLC<br>419 10th Avenue West<br>Palmetto FL 34221      | Solu-Cal USA LTD<br>POB 278<br>West Warham MA 02576                                | South Central Farm Supply<br>701 East Main Street<br>Gamaliel KY 42140                       |
| Southern FS Inc - Hickman<br>345 Kentucky 166 West<br>Hickman KY 42050         | Southern FS, INC<br>POB 728<br>Marion IL 62959                                     | Southern States - Bowling Green<br>640 Plum Springs Loop<br>Bowling Green KY 42101           |
| Southern States - Cadiz<br>2829 Hopkinsville Road<br>Cadiz KY 42211            | Southern States - Calhoun<br>1432 Highway 136 East<br>Calhoun KY 42327             | Southern States - Campbellsville<br>1720 East Broadway Street<br>Campbellsville KY 42718     |
| Southern States - Carlisle<br>102 Dorsey Avenue<br>Carlisle KY 40311           | Southern States - Cynthiana<br>1236 US Highway 27 South<br>Cynthiana KY 41031      | Southern States - Elizabethtown<br>402 South Mulberry Street<br>Elizabethtown KY 42701       |
| Southern States - Elkton<br>606 West Main Street POB 278<br>Elkton KY 42220    | Southern States - Eminence<br>760 Elm Street<br>Eminence KY 40019                  | Southern States - Flemingsburg<br>658 West Water Street POB 167<br>Flemingsburg KY 41041     |
| Southern States - Franklin<br>301 Finn Street POB 528<br>Franklin KY 42135     | Southern States - Georgetown<br>1141 Paris Road, US 460<br>Georgetown KY 40324     | Southern States - Glasgow<br>300 Samson Street<br>Glasgow KY 42141                           |
| Southern States - Hardinsburg<br>122 Old Highway 60 E<br>Hardinsburg KY 40143  | Southern States - Harrodsburg<br>1027 North College Street<br>Harrodsburg KY 40330 | Southern States - Henderson<br>5290 HWY 425 Bypass<br>Henderson KY 42420                     |
| Southern States - Hodgenville<br>310 West Water Street<br>Hodgenville KY 42748 | Southern States - Hopkinsville<br>501 East 13th Street<br>Hopkinsville KY 42240    | Southern States - Horse Cave<br>401 Bluegrass Ave<br>Horse Cave KY 42749                     |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                                    |                                                                                                            |                                                                                       |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Southern States - Liberty<br>225 South Wallace Wilkinson Blvd<br>Liberty KY 42539                  | Southern States - London<br>1208 Barbourville Street<br>London KY 40741                                    | Southern States - Maysville<br>1325 Clyde T Barbour Pkwy POB668<br>Maysville KY 41056 |
| Southern States - Morganfield<br>2746 Highway 60 West<br>Morganfield KY 42437                      | Southern States - Owensboro<br>3231 Carter Road<br>Owensboro KY 42301                                      | Southern States - Owenton<br>335 Main Street<br>Owenton KY 40359                      |
| Southern States - Owingsville<br>409 Brooks Avenue POB 557<br>Owingsville KY 40360                 | Southern States - Richmond<br>1607 East Main Street<br>Richmond KY 40475                                   | Southern States - Richmond VA<br>6606 W Broad St POB 26234<br>Richmond VA 23260       |
| Southern States - Russellville<br>209 N Bethel St<br>PO Box 480<br>Russellville KY 42276           | Southern States<br>Russellville Fertilizer Plant<br>4020 US 68 E Bowling Green Rd<br>Russellville KY 42276 | Southern States - Sebree<br>1112 Highway 41 North<br>Sebree KY 42455                  |
| Southern States - Shelbyville<br>624 South 7th Street<br>Shelbyville KY 40065                      | Southern States - Somerset<br>271 Highway 2227<br>Somerset KY 42503                                        | Southern States - Springfield<br>1752 Bardstown Road<br>Springfield KY 40069          |
| Southern States - Stanford<br>175 Cordier Street<br>Stanford KY 40484                              | Southern States - Warsaw<br>625 U.S. 42 West<br>Warsaw KY 41095                                            | Southern States - Winchester<br>21 Pendleton Street<br>Winchester KY 40391            |
| Southern States<br>Winchester Fertilizer Plant<br>P.O. Box 516 Magnolia Rd.<br>Winchester KY 40391 | Spectrum Group<br>POB 142642<br>St. Louis MO 63114                                                         | Speedling<br>POB 307<br>Bushnell FL 33513                                             |
| SQM North America Corp<br>2727 Paces Ferry Rd. Bldg 2<br>Suite 1425<br>Atlanta GA 30339            | Stanley Crop Service<br>250 Church Street<br>Owensboro KY 42301                                            | Stark Bros Nurseries & Orchards Co.<br>20947 HWY 54<br>Louisiana MO 63353             |
| Stoller Enterprises Inc<br>9090 Katy Freeway Suite 400<br>Houston TX 77024                         | Success Nutrients<br>3700 Quebec St #100-325<br>Denver CO 80207                                            | SUL4R Plus, LLC<br>12601 Plantside Drive<br>Louisville KY 40299                       |
| Sulvaris Inc<br>6443 2 ST SE<br>Calgary AB T2H 1J5<br>Canada                                       | Sun Bulb Company, INC.<br>P.O. Drawer 698<br>Arcadia FL 34265                                              | Sun Gro Horticulture Distributing<br>770 Silver Street<br>Agawam MA 01001             |



**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                                      |                                                                                             |                                                                                              |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Sunleaves Garden Products<br>1410 Hancel Parkway<br>Mooresville IN 46158                             | Sunlight Supply Inc<br>3204 NW 38th Circle<br>Vancouver WA 98660                            | Sunshine Paper Company<br>12601 E. 33RD Ave #109<br>Aurora CO 80011                          |
| Suntton Biochemical Ltd.<br>Suite 102 11830 223rd Street Unit 200<br>Mapleridge BC V2X 5Y1<br>Canada | Superior Ag Resources<br>POB 7<br>Chrisney IN 47611                                         | Superior Ag Resources<br>PO Box 38<br>St. Meinrad IN 47577                                   |
| Supreme Growers LLC<br>57 Cool Springs Rd<br>Signal Mountain TN 37377                                | Sustane Natural Fertilizer<br>310 Holiday Ave<br>Cannon Falls MN 55009                      | Swiss Farms Products<br>3993 Howard Hughes Parkway<br>Las Vegas NV 89169                     |
| Sylvite LLC<br>1607 W. Olive<br>Lakeland FL 33815                                                    | T and N Inc<br>POB 240 815 HWY T<br>Foristell MO 63348                                      | T-NOU NV<br>Scharlooweg 25<br>Willemstad<br>Curacao                                          |
| Talc USA<br>1710 141 St Ave SE<br>Page ND 58304                                                      | Technaflora Plant Products LTD<br>7261 River Place Unit 101<br>Mission BC V4S 0A2<br>Canada | Tennessee Farmers Coop - Lavergne<br>180 Old Nashville Highway POB 3003<br>LaVergne TN 37086 |
| Terrace Brands<br>3993 Howard Hughes Pkwy Suite 250<br>Las Vegas NV 89169                            | Tessengerlo Kerley<br>2255 N. 44th Street Suite 300<br>Phoenix AZ 85008                     | Tetra Technologies Inc<br>24955 Interstate 45 North<br>The Woodlands TX 77380                |
| TEVA Corporation<br>6100 State Highway 77<br>Benton MO 63736                                         | The Andersons Inc<br>POB 119<br>Maumee OH 43537                                             | The Doggett Corporation<br>30 Cherry Street<br>Lebanon NJ 08833                              |
| The Fertrell Company<br>PO Box 265<br>Bainbridge PA 17502                                            | The Garden Patch<br>POB 550<br>St. Petersburg FL 33731                                      | The Guano Company<br>116 Himalaya Dr. PO Box 1000<br>Trinidad CA 95570                       |
| The Hawthorne Gardening Company<br>800 Port Washington Blvd<br>Port Washington NY 11050              | The Organic Mechanics Soil Co LLC<br>POB 272<br>Modena PA 19358                             | The Ortho Group<br>POB 190<br>Marysville OH 43041                                            |
| The Scotts Company<br>14111 Scottslawn Road<br>Marysville OH 43041                                   | This Land Inc<br>1434 Spruce Street Suite 100<br>Boulder CO 80302                           | Thomas Cayce Farm Supply, LLC<br>3069 Highway 1272<br>Princeton KY 42445                     |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                           |                                                                                 |                                                                           |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Tiger-Sul Products LLC<br>POB 5<br>Atmore AL 36504                                        | Timac Agro USA Inc<br>POB 888<br>Reading PA 19607                               | Topbuxus Growing Solutions<br>Markweg 5- 4856 AC<br>Strijbeek             |
| Tower Garden LLC<br>140 Crescent Dr<br>Collierville TN 38017                              | Trammo Inc<br>3000 Bayport Dr, Suite 100<br>Tampa FL 33607-8403                 | Tranlin Inc<br>One Boars Head Place Suite 100<br>Charlottesville VA 22903 |
| TrashCan, LLC<br>953 Islington St. Suite 22<br>Portsmouth NH 03801                        | Tri-County Fertilizer Co., Inc.<br>124 South Estill Avenue<br>Richmond KY 40475 | Triple G Fertilizer<br>4422 US 51 South<br>Arlington KY 42021             |
| TruGreen - Florence<br>7980 Kentucky Drive<br>Florence KY 41042                           | TruGreen - Scott Depot<br>109 Erskin Ln. POB 396<br>Scott Depot WV 25560        | TruGreen Evansville<br>POB 5679 8601 Baumgart Rd<br>Evansville IN 47725   |
| TruGreen Lexington<br>2269 Danforth Drive<br>Lexington KY 40511                           | TruGreen Louisville<br>13135 Middletown Ind Blvd.<br>Louisville KY 40223        | TruGreen Louisville South<br>10830 Penion Drive<br>Louisville KY 40299    |
| Turf Care Supply Corporation<br>50 Pearl Rd. Unit 200<br>Brunswick OH 44212               | Two Rivers Fisheries, Inc.<br>1148 Wickliffe Road<br>Wickliffe KY 42087         | U.S. Borax Inc<br>200 E Randolph Street Suite 7100<br>Chicago IL 60601    |
| UF Granular Fertilizers<br>132 Postal Rd<br>Morral OH 43337                               | Ultra Yield Micronutrients Inc<br>213 West Moxee Avenue<br>Moxee WA 98936       | UNCO Industries Inc.<br>1577 11th Avenue<br>Union Grove WI 53182          |
| United States Gypsum Company<br>550 West Adams Street<br>Chicago IL 60661-3676            | United Suppliers<br>POB 538<br>Eldora IA 50627                                  | Valagro<br>19500 HWY 249 Suite 245<br>Houston TX 77070                    |
| Valley Farm Center, Inc.<br>1226 North Main Street<br>Monticello KY 42633                 | Valley Fertilizer Company<br>117 Sartin Road PO Box 180<br>Edmonton KY 42129    | Vegalab<br>2542 Business Parkway Suite 2<br>Minden NV 89423               |
| Verde AgriTech<br>Salatin House,19 Cedar Road<br>Sutton, Surrey SM2 5DA<br>United Kingdom | Verdesian Life Sciences US LLC<br>1001 Winstead Dr Suite 480<br>Cary NC 27513   | Vermicrop<br>5050 Arboga Rd<br>Olivehurst CA 95407                        |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

|                                                                                              |                                                                                               |                                                                                             |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Vermicrop Organics<br>5050 Arboga Rd<br>Olivehurst CA 95961                                  | Vitamin Institute<br>12610 Saticoy Street South<br>N. Hollywood CA 91605                      | Vivid Life Sciences LLC<br>POB 41632<br>Minneapolis MN 55441                                |
| Vogel Seed & Fertilizer Company Inc<br>1891 Spring Valley Rd<br>Jackson WI 53037             | Voluntary Purchasing Group<br>230 FM 87<br>Bonham TX 75418                                    | W.H. Shelley General Merchandise<br>3352 Colfax Road<br>Hillsboro KY 41049                  |
| Wabash Valley Service Company<br>909 N Court Street<br>Grayville IL 62844                    | Warner Fertilizer - Albany<br>2672 North Highway 127<br>Albany KY 42602                       | Warner Fertilizer - Campbellsville<br>1498 South Columbia Avenue<br>Campbellsville KY 42718 |
| Warner Fertilizer - Columbia<br>108 Oak Street<br>Columbia KY 42728                          | Warner Fertilizer - Liberty<br>699 Whipp Avenue<br>Liberty KY 42539                           | Warner Fertilizer - Monticello<br>P O Box 117<br>Monticello KY 42633                        |
| Warner Fertilizer - Nancy<br>10315 West Highway 80 POB 108<br>Nancy KY 42544                 | Warner Fertilizer - Russell Springs<br>170 East Highway 80 POB 30<br>Russell Springs KY 42642 | Warner Fertilizer - Somerset<br>POB 796<br>Somerset KY 42502                                |
| Warner Fertilizer - Stanford<br>1331 Old US Highway 127 East<br>POB 441<br>Stanford KY 40484 | Warner Fertilizer - Tompkinsville<br>2010 Edmonton Road POB 215<br>Tompkinsville KY 42167     | Waterway Ag Inc<br>POB 629<br>Metropolis IL 62960                                           |
| Waynesburg Ag<br>457 Jake Faw Rd<br>Waynesburg KY 40489                                      | Weldon's Chemical LLC<br>25 Roland Avenue<br>Mount Laurel NJ 08054                            | Wengerd Farms<br>8609 Hwy 88<br>Greensburg KY 42743                                         |
| West Central Distribution LLC<br>2700 Trott Avenue SW POB 897<br>Willmar MN 56201            | White River LLC<br>610 Church Street<br>Loogootee IN 47553                                    | Wild Valley Farms, LLC<br>2775 N. 7000 E.<br>Croydon UT 84018                               |
| Wilson Industrial Sales Company Inc<br>5063 South 1000 West POB 297<br>Rensselaer IN 47948   | Winfield Solutions, LLC<br>PO Box 64589<br>Saint Paul MN 55164                                | Wiserg Corporation<br>15459 NE 95th Street<br>Redmon WA 98052                               |
| Woodford Feed Company, Inc.<br>498 Lexington Street POB 116<br>Versailles KY 40383           | Woodstream Corporation<br>69 North Locust Street PO Box 327<br>Lititz PA 17543                | Worm Power LLC<br>1691 Jenks Rd<br>Avon NY 14414                                            |

**TABLE 4: REGISTERED FERTILIZER COMPANIES**

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|                                                                     |                                                                                                 |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Yara North America<br>100 N. Tampa St, Suite 3200<br>Tampa FL 33602 | Yara UK LTD<br>Manor Place, Wellington Rd<br>The Industrial Estate<br>Pocklington, York YO421DN |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|

# Regulatory Bulletin 339

## Appendices

Appendix A – Explanation of Tables

Appendix B – Investigational Allowances

Appendix C – Monetary Penalties

Appendix D – Maximum Chlorine Guarantee  
for Tobacco Fertilizers



## Appendix A

### Explanation of Tables

#### Table 1.

Standing of Manufacturer – self explanatory

#### Table 2.

Sample Data—

Every official fertilizer sample taken during the year is listed in this table alphabetically by registrant and by “GRADE” within a registrant’s listing.

**GRADE:** The registrant’s whole number guarantee is expressed as the grade: N - P<sub>2</sub>O<sub>5</sub> - K<sub>2</sub>O. For custom mixes with fractional guarantees this represents the whole number part of the guarantee.

**Sample Number:** A laboratory sample number is assigned each sample and is the only code used by the laboratory to identify a sample.

**\*** : An asterisk (\*) in the micronutrients column indicates that the sample was analyzed for one or more of the following tests: Calcium (Ca), Magnesium (Mg), Sulfur (S), Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn) and/or Zinc (Zn) Table 3.

**N, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O:** These are the results of the chemical analyses of each sample for total Nitrogen (N), available phosphate (P<sub>2</sub>O<sub>5</sub>) and soluble potash (K<sub>2</sub>O).

**RV:** The relative value (RV) of a NPK fertilizer is a comparison of its “found” value with its “guaranteed” value. An example calculation follows:

A 6-24-24 fertilizer is guaranteed to contain 6% N, 24% P<sub>2</sub>O<sub>5</sub>, and 24% K<sub>2</sub>O.

A “Guaranteed Value” and a “Found Value” are computed for the fertilizer by using the following example commercial values: N - \$4.00, P<sub>2</sub>O<sub>5</sub> - \$3.80, and K<sub>2</sub>O (Non-Tobacco) - \$1.60. The “Guaranteed Value” is calculated as follows:

| <u>Element</u>                | <u>Guaranteed ,%</u> |   | <u>Unit Value</u> |   | <u>Value</u> |
|-------------------------------|----------------------|---|-------------------|---|--------------|
| N                             | 6.0                  | X | 4.00              | = | 24.00        |
| P <sub>2</sub> O <sub>5</sub> | 24.0                 | X | 3.80              | = | 91.20        |
| K <sub>2</sub> O              | 24.0                 | X | 1.60              | = | 38.40        |
| Total “Guaranteed Value”      |                      |   |                   |   | 153.60       |

## Appendix A

### Explanation of Tables

The same procedure is followed for the “Found Value,” thus

| <u>Element</u>                | <u>Found, %</u> |   | <u>Unit Value</u> |   | <u>Value</u> |
|-------------------------------|-----------------|---|-------------------|---|--------------|
| N                             | 5.9             | X | 4.00              | = | 23.60        |
| P <sub>2</sub> O <sub>5</sub> | 24.1            | X | 3.80              | = | 91.58        |
| K <sub>2</sub> O              | 23.9            | X | 1.60              | = | 38.24        |
| Total “Found Value”           |                 |   |                   |   | 153.42       |

The relative value (RV) is then computed by dividing the “Found Value” by the “Guaranteed Value” and multiply by 100.

$$RV = (153.42/153.6) \times 100 = 99.9\%$$

The RV is rounded to the nearest whole percent before being printed in the bulletin.

Those results that are **highlighted** are deficient under the criteria stated in the investigational allowances section of this bulletin. Occasionally an analysis may be found that appears to be inconsistent in its marking. For example, two samples that are guaranteed 10% P<sub>2</sub>O<sub>5</sub> may both be shown as containing 9.1%. One of these may be **highlighted**, the other may not. There are two situations which may cause this apparent discrepancy:

(1) The investigational allowances are applied by computer to the laboratory analyses before the found analyses are rounded to the nearest tenth of a percent and printed. In the above example, if the laboratory found 9.09% for one sample and 9.13% for the other, only the first one would be **highlighted** as deficient.

(2) The grade as printed is the largest whole number in the guarantee of each ingredient, that is, any decimal is dropped before the table is printed. For example, a custom-mixed lot of fertilizer may be guaranteed 11.9% P<sub>2</sub>O<sub>5</sub> and 11.2% K<sub>2</sub>O. The grade would be printed 0-11-11. However, the investigational allowances are applied on the basis of the 11.9% and 11.2% guarantees. If this custom mixed fertilizer analyzed 10.9% P<sub>2</sub>O<sub>5</sub> and 10.9% K<sub>2</sub>O, only the 10.9% P<sub>2</sub>O<sub>5</sub> would be **highlighted** because it is below the 11.9% guarantee by more than the investigational allowance.

**Table 3** – Self explanatory

**Table 4** - Self explanatory



## Appendix B

### INVESTIGATIONAL ALLOWANCES

#### Primary Nutrients

A fertilizer shall be deemed deficient if the analysis of an official sample for any primary nutrient is below the guarantee by an amount exceeding the values in the following schedule.

| Guaranteed % | Total Nitrogen (N) % | Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) % | Soluble Potash (K <sub>2</sub> O) % |
|--------------|----------------------|--------------------------------------------------------|-------------------------------------|
| 05 or less   | 0.37                 | 0.65                                                   | 0.39                                |
| 06           | 0.47                 | 0.71                                                   | 0.47                                |
| 07           | 0.59                 | 0.77                                                   | 0.56                                |
| 08           | 0.72                 | 0.82                                                   | 0.63                                |
| 09           | 0.81                 | 0.86                                                   | 0.70                                |
| 10           | 0.89                 | 0.89                                                   | 0.76                                |
| 12           | 1.03                 | 0.95                                                   | 0.87                                |
| 14           | 1.18                 | 1.02                                                   | 0.96                                |
| 16           | 1.29                 | 1.12                                                   | 1.05                                |
| 18           | 1.43                 | 1.19                                                   | 1.12                                |
| 20           | 1.57                 | 1.32                                                   | 1.18                                |
| 22           | 1.62                 | 1.39                                                   | 1.22                                |
| 24           | 1.65                 | 1.46                                                   | 1.26                                |
| 26           | 1.66                 | 1.53                                                   | 1.29                                |
| 28           | 1.58                 | 1.59                                                   | 1.33                                |
| 30           | 1.28                 | 1.67                                                   | 1.36                                |
| 32 or more   | 1.28                 | 1.67                                                   | 1.36                                |

For guarantees not listed, calculate the appropriate value by interpolation.

For these investigational allowances to be applicable, the recommended AOAC International procedures for obtaining, preparing, and analyzing samples must be used. These are described in the current edition of "Methods of Analysis" published by the, AOAC International. 481 North Frederick Avenue, Suite 500, Gaithersburg, MD 28077. In evaluating replicate data, Table 19, page 935, Journal of the Association of Official Analytical Chemists, Volume 49, No. 5, October, 1966, should be followed.

## Appendix B

### INVESTIGATIONAL ALLOWANCES

#### Secondary and Micro Nutrients

Secondary and micro nutrients shall be deemed deficient if the analysis of an official sample for any of these elements is below the guarantee by an amount exceeding the values in the following schedule.

| <u>Element</u> | <u>Investigation Allowances</u> |
|----------------|---------------------------------|
| Calcium        | 0.2 unit + 5% of guarantee      |
| Magnesium      | 0.2 unit + 5% of guarantee      |
| Sulfur         | 0.2 unit + 5% of guarantee      |
| Boron          | 0.003 unit + 15% of guarantee   |
| Molybdenum     | 0.001 unit + 30% of guarantee   |
| Chlorine       | 0.005 unit + 10% of guarantee   |
| Copper         | 0.005 unit + 10% of guarantee   |
| Iron           | 0.005 unit + 10% of guarantee   |
| Manganese      | 0.005 unit + 10% of guarantee   |
| Sodium         | 0.005 unit + 10% of guarantee   |
| Zinc           | 0.005 unit + 10% of guarantee   |

**The maximum allowance when calculated in accordance to the above shall be one (1) percentage point.**

#### Relative Value (RV) and Maximum Chlorine (XSCL)

The investigational allowance for relative value (RV) is three (3) percentage points.

The investigational allowance for maximum chlorine is 0.5 percentage point.

## Appendix C

### MONETARY PENALTIES

Monetary penalties for deficiencies in any test are assessed according to the following schedule.

#### PRIMARY NUTRIENTS AND RV

| Number of Investigational Allowance Below Guarantee | Penalty Schedule                                     |
|-----------------------------------------------------|------------------------------------------------------|
| $\leq 2$                                            | Equal to the Monetary Value of the Deficiency        |
| $> 2 \leq 3$                                        | Two (2) Times the Monetary Value of the Deficiency   |
| $> 3$                                               | Three (3) Times the Monetary Value of the Deficiency |

If the relative value (RV) is greater than or equal to 97%, then the penalties calculated from the above schedule may be reduced according to the following schedule:

| Number of Investigational Allowances Below Guarantee                                                                                                                                                           | Penalty Adjustment                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| No more than one (1) deficiency that is less than or equal to two (2) investigational allowances                                                                                                               | Penalty adjusted to zero                                                 |
| No more than one (1) deficiency that is greater than two (2) but less than three (3) investigational allowances                                                                                                | Value of Overages may adjust up to 100% of the Value of the Deficiencies |
| Two (2) deficiencies that are less than three (3) investigational allowances; or, no more than one (1) deficiency that is equal to or greater than three (3) but less than four (4) investigational allowances | Value of Overages may adjust up to 75% of the Value of the Deficiencies  |

When a fertilizer is subject to a penalty from both a primary nutrient deficiency and an relative value deficiency, only the larger penalty shall apply; however, in no case shall the penalty exceed the total value of the fertilizer.

Penalties for deficiencies in secondary and minor elements and for excess chlorine in tobacco fertilizer shall be calculated from the following schedules.

## Appendix C

### MONETARY PENALTIES

Monetary penalties for deficiencies in any test are assessed according to the following schedule.

#### SECONDARY AND MINOR ELEMENTS

| Number of Investigational Allowances Below Guarantee | Penalty Schedule                                   |
|------------------------------------------------------|----------------------------------------------------|
| $\leq 2$                                             | Equal to the Monetary Value of the Deficiency      |
| $> 2$                                                | Two (2) Times the Monetary Value of the Deficiency |

#### EXCESS CHLORINE IN TOBACCO FERTILIZERS

| Number of Investigational Allowances Above Maximum Chlorine Guarantee | Penalty Schedule                                                                                                     |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| $< 2$                                                                 | Equal to the difference in the Soluble Potash for Tobacco Unit Value and the Non-Tobacco Soluble Potash Unit Value.  |
| $> 2$                                                                 | Two Times the Difference in the Soluble Potash for Tobacco Unit Value and the non-Tobacco Soluble Potash Unit Value. |

Any penalty assessed for a deficiency in N,  $P_2O_5$ ,  $K_2O$ , or RV shall be added to any penalty assessed for a deficiency in the secondary and minor elements or excess in chlorine and the total shall be paid by the registrant to the consumer of the lot of fertilizer represented by the sample within three months after the date of notice from the Director, receipts taken therefore and promptly forwarded to the Director. If said consumer cannot be found, the amount of the penalty payments shall be paid to the Kentucky Agricultural Experiment Station within three months after the date of the notice from the Director to the registrant and set aside (1) for purchase of equipment for the sampling, handling, analyzing and reporting of results of analyses of official samples and (2) for the education of the Kentucky fertilizer industry on the newest methods in manufacturing blended fertilizers. If the lot of fertilizer is on hand at a retail location the penalty payments assessed under this section shall be used to reduce the retail price of the fertilizer if it is to be relabeled and sold.

In no case shall the total penalties assessed exceed the retail value of the fertilizer.

## **Appendix D**

### **Maximum Chlorine Guarantee for Tobacco Fertilizers**

All fertilizers, except bagged, sold for or represented for use on field crop tobacco shall, in addition to the other guarantees specified by 12 KAR Chapter 4, state a maximum chlorine guarantee not to exceed 50 lb. per acre chlorine (equivalent to 100 lb. of muriate of potash per acre) in the following format:

|                       |             |
|-----------------------|-------------|
| Chlorine (Cl) Maximum | 50 lb./acre |
|-----------------------|-------------|

The maximum chlorine guarantee shall be:

Placed below the Guaranteed Analysis as required by 12 KAR 4:090 and prominently and conspicuously displayed on the invoice or shipping ticket that accompanies bulk sales.

The invoice or shipping ticket shall state the rate of application expressed in lb./acre of the blended fertilizer.

The provisions of this administrative regulation shall not apply to fertilizers for use on plant beds.





