

AGRICULTURAL EXPERIMENT STATION
UNIVERSITY OF KENTUCKY COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT



Regulatory Bulletin No. 327

Annual Report Analyses of Official Fertilizer Samples

July 2014 – June 2015

Division of Regulatory Services
Lexington, Kentucky 40546-0275
www.rs.uky.edu

Division of Regulatory Services Kentucky Agricultural Experiment Station

Darrell Johnston, Executive Director

Stephen McMurry, Director

Fertilizer and Seed Regulatory Programs

Robert Counts, Auditor

Inspection Staff

Jim True
Coordinator, Field Inspection Staff

Mark Barrow
Brad Johnston
Warren Pinkston

Terry Prather
Nathan Keith

John S. Flood
David Mason
Bart Young

Laboratory Staff

Frank Sikora, Director of Labs and Soils
Sharon Webb, Quality Control Director
Bob Kiser, Lab Manager
Solomon Kariuki, Lab Manager

Gary Coleman
David Harover
Garland McKee
David Tompkins

Jonathan Collett
Phil Dickson
Bruce Combs
Jennifer Combs

Wayne Ingram
Debra Sipe
Lancao Zhang
Steve Duckworth

Administrative Staff

Tony Benge, Computer Systems Manager III
Kelley Gaither, Senior Systems Analyst Programmer
Shannon Shields, Data Processing
Annie Simmons, Data Entry
Margaret Thomas, Data Entry
Charlene Vest, Data Entry
Stephany Chandler, Data Entry
June Crawford, Staff Associate

This report was compiled and prepared by Stephen McMurry with the assistance of the Inspection, Laboratory, and Administrative Staffs.

Table of Contents

Introduction.....	1
Explanation of Tables	1
Investigational Allowances	4
Monetary Penalties.	6
Maximum Chlorine Guarantee for Tobacco Fertilizers.	8
Commercial Fertilizer Values For 2014 and 2015.....	9
Kentucky Official NPK Samples For 2014-2015	10
Summary of Certain Sample Characteristics by Form and by Type	
Kentucky Official NPK Samples For 2014-2015	11
Summary of Certain Characteristics Combined by Form and by Type	
Fertilizer Distribution Summary (Tons) July 2014 – June 2015	12
Table 1. Results of Total Nitrogen (N), Available Phosphate (P_2O_5) Soluble Potash (K_2O), and Excess Chlorine (Xs Cl) Analyses of Official Fertilizer Samples.....	13
Table 2. Results of the Analyses of Certain Official Samples for Secondary and Minor Elements, Water Insoluble Nitrogen (Win), Coated Slow Release (Csrn) and Occluded Slow Release Nitrogen (Osrn).....	101
Table 3. Companies Registered and/or Licensed to Sell in Kentucky: As Of June 30, 2015	131

INTRODUCTION

This bulletin presents the results of the analysis of 2,631 official samples of commercial fertilizer taken during the period of July 1, 2014 through June 30, 2015 by the field inspection staff. The samples represented approximately 53,682 tons of fertilizer out of the approximately 914,068 tons sold during this period. The Laboratory made 2,194 nitrogen, 1,756 phosphorus, 1,912 potassium, 101 chloride (max), and 1066 secondary and minor element and certain other analyses on these samples. The results of N, P₂O₅, K₂O, and maximum chloride analyses of samples of mixed fertilizers and fertilizer materials and certain statistical analyses are in Table 1. Table 2 contains the results of secondary and minor element and certain other analyses and Table 3 is a listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of June 30, 2015.

EXPLANATION OF TABLES

Table 1.

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 - P₂O₅ - K₂O. For custom mixes with fractional guarantees this represents the whole number part of the guarantee.

NUM: A Laboratory number (NUM) is assigned each sample and is the only code used by the laboratory to identify a sample.

+ : A (+) beside a NUM indicates that the sample was analyzed for one or more of the following tests: secondary or minor element, water insoluble nitrogen (win), coated slow release (CSRN), or occluded slow release nitrogen (OSRN) and the results are in Table 2

N, P₂O₅, K₂O: These are the results of the chemical analyses of each sample for total Nitrogen (N), available phosphate (P₂O₅) and soluble potash (K₂O).

XS CL: Each sample with a maximum chlorine guarantee was analyzed for chloride. If it exceeded the guarantee (XS CL), an asterisk (*) appears in this column.

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% P₂O₅, and 24% K₂O.

A "Guaranteed Value" and a "Found Value" are computed for the fertilizer by using the following example commercial values: N - \$4.00, P₂O₅ - \$3.80, and K₂O (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 ₂ O ₅	24.0	X 3.80	= 91.20
K ₂ O	24.0	X 1.60	= 38.40
Total "Guaranteed Value"			153.60

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 ₂ O ₅	24.1	X 3.80	= 91.58
K ₂ 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 marked with an asterisk (*) 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% P₂O₅ may both be shown as containing 9.1%. One of these may have an asterisk (*) and 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 marked (*) 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% P₂O₅ and 11.2% K₂O. 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% P₂O₅ and 10.9% K₂O, only the 10.9% P₂O₅ would be marked (*) because it is below the 11.9% guarantee by more than the investigational allowance.

TYPE: The codes for type are:

BLEND - A fertilizer made by physically mixing two or more fertilizer materials or non-fertilizer ingredients. It does not include custom mixes.

MNFR - An ammoniated-granulated fertilizer made by chemically mixing and/or reacting fertilizer materials.

MAT - A fertilizer material such as muriate of potash.

CM - A custom-mixed blended fertilizer.

FORM: The column headed "FORM" indicates whether the fertilizer was in bags, bulk, or in liquid form when sampled.

Statistical Analyses --

In the body of the table there is a brief statistical analysis:

- (1) When one grade of a company was sampled 5 or more times or
- (2) when 10 or more total samples were obtained from a company.

The terms used are self-explanatory; however, the following additional explanation is considered helpful.

CV is the coefficient of variation found by dividing the standard deviation by the average analysis and multiplying by 100.

Deficiency Rate is calculated by dividing the number of samples with one or more deficiencies in N, P₂O₅, K₂O or RV by the total number of samples and multiplying by 100.

Tables 2 and 3 - Self Explanatory

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_2O_5) %	Soluble Potash (K_2O) %
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.

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.

Secondary and Micro Nutrients

<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.

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
≤ 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.

SECONDARY AND MINOR ELEMENTS

Number of Investigational Allowances Below Guarantee	Penalty Schedule
≤ 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, P₂O₅, K₂O, 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.

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.

**Commercial Fertilizer Values for Calendar Years
2014 and 2015**

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	2014	2015
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$11.19	\$11.67
Avail. Phosphate (P ₂ O ₅)	\$7.34	\$8.80
Soluble Potash (K ₂ O)		
Tobacco (Low CL)	\$14.24	\$16.03
Non-Tobacco	\$7.82	\$9.18
Calcium (Ca)	\$6.91	\$6.91
Magnesium	\$27.79	\$33.50
Sulfur (S)	\$10.24	\$9.27
Boron (B)	\$121.10	\$188.97
Copper (Cu)	\$48.88	\$133.71
Iron (Fe)	\$13.80	\$16.50
Manganese (Mn)	\$41.25	\$31.40
Molybdenum (Mo)	\$20.20	\$20.20
Zinc (Zn)	\$54.60	\$55.67

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.

Official Kentucky NPK Samples 2014 – 2015
 (Summary of Certain Sample Characteristics by Form and by Type)

By Form

BAG

Number of samples: 330

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg. Lot Size/Sample	Total Tons Sampled
326	6	265	7	300	7	17%	106	7	2,227

BULK

Number of samples: 2,182

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg. Lot Size/Sample	Total Tons Sampled
1,786	2	1,449	2	1,570	7	17%	106	7	2,227

LIQUID

Number of samples: 82

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg. Lot Size/Sample	Total Tons Sampled
82	2	42	7	42	7	10%	102	23	49,275

By Type

BLENDED GRADE

Number of samples: 299

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg. Lot Size/Sample	Total Tons Sampled
297	5	239	7	270	7	16	105	9	2,649

MANUFACTURED

Number of samples: 90

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg. Lot Size/Sample	Total Tons Sampled
88	5	68	7	73	7	18	107	10	927

MATERIAL

Number of Samples: 948

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg. Lot Size/Sample	Total Tons Sampled
573	0	317	0	365	1	1	100	46	43,884

CUSTOM MIX

Number of samples: 1,257

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg. Lot Size/Sample	Total Tons Sampled
1,236	3	1,756	3	1,912	3	7	101	5	5,917

Kentucky Official NPK Samples 2014 – 2015
 (Summary of Certain Sample Characteristics Combined by Form and Type)

Form: BAG

Type:	Number of Samples	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate %	Rel. Value Mean
Blended Grade	244	9	1,505	3	17	105
Manufactured	81	3	690	1	19	108
Material	5	0	32	0	20	105
Custom Mix						

Form: BULK

Type:	Number of Samples	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate %	Rel. Value Mean
Blended Grade						
Manufactured	4	0	197	0	25	102
Material	926	36	43,223	81	1	100
Custom Mix	1252	48	5,855	11	7	101

Form: LIQUID

Type:	Number of Samples	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate %	Rel. Value Mean
Blended Grade	55	2	1,144	2	15	102
Manufactured	5	0	40	0	0	107
Material	17	1	629	1	0	100
Custom Mix	5	0	63	0	0	99

**Fertilizer Distribution Summary
(Tons)**

Division of Regulatory Services University of Kentucky
July 2014 through June 2015

	Total	<u>Container</u>			<u>Use</u>	
		Bag	Bulk	Liquid	Farm	Nonfarm
Multi-Nutrient	313,971.09	51,790.33	246,858.92	15,321.84	279,990.40	33,980.69
Nitrogen	403,305.90	14,032.22	136,637.68	252,636.01	400,536.25	2,769.65
Phosphate	1,265.92	59.15	1,164.15	42.62	1,262.97	2.95
Potash	176,019.93	2,398.46	173,207.96	413.51	175,117.64	905.29
Organics	60.15	17.15	41.00	2.00	3.00	57.15
Sec/Micro	4,973.83	2,055.26	2,172.56	206.01	4,369.92	603.91
Miscellaneous	14,472.03	1,450.35	11,557.08	1,464.60	13,839.92	632.11
Total	914,068.85	71,802.92	572,179.35	270,086.58	875,117.10	38,951.75

Percentage by form:

Bag	7.86%
Bulk	62.60%
Liquid	29.54%

Percentage by use:

Farm	95.74%
Non-Farm	4.26%

TABLE 1. Results Of Total Nitrogen (N), Available Phosphate Acid (P2O5), Soluble Potash (K2O), And Excess Chloride (XS CL) Analyses Of Official Fertilizer Samples. Deficiencies in N,P2O5, K2O, and RV and excessive chloride are noted with an asterisk(*). A(+) by the sample number indicates that there is an entry for this sample in Table 2.

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
ADM FERTILIZER	MINNEAPOLIS MN 55415-1633							
18-46-00	50302	17.91	45.50	0.00		99	Mat	Bulk
<hr/>								
ADVANCED MARINE TECHNOLOGIES	NEW BEDFORD MA 02740							
02-03-00	52590	2.65	3.07	0.00		116	Blend	Liq
03-04-00	51765	2.82	3.16	0.04		91 *	Blend	Liq
<hr/>								
AG DISTRIBUTORS, INC.	NASHVILLE TN 37209							
00-00-60	51334	0.00	0.00	60.30		100	Mat	Bulk
10-10-10	50019	11.32	11.66	10.58		112	Blend	Bag
10-10-10	51227	9.44	9.26	10.47		97	Blend	Bag
15-15-15	50118	14.17	15.27	15.18		99	Blend	Bag
18-46-00	51331	18.51	46.96	0.00		102	Mat	Bulk
<hr/>								
AGRI CHEM (CLINT) LLC	CLINTON KY 42031							
05-14-38	50469	5.44	14.18	39.91		100	CM	Bulk
05-14-38	50470	5.50	14.69	39.99		101	CM	Bulk
09-23-30	52014	9.20	23.90	29.07		100	CM	Bulk
09-23-30	52015	9.27	23.25	30.02		101	CM	Bulk
09-23-30	52016	8.88	23.49	30.95		102	CM	Bulk
24-36-00	52017	22.94	36.66	0.00		99	CM	Bulk
<hr/>								
AGRI-CHEM LLC (HERN)	HERNDON KY 42236							
05-14-14	50417	6.40	14.84	14.85		104	CM	Bulk
08-21-32	52161	8.84	21.66	31.89		101	CM	Bulk
08-21-32	52162	8.97	22.32	32.35		103	CM	Bulk
08-21-32	52163	8.69	22.18	31.29		101	CM	Bulk
08-21-32	52164	8.65	21.81	32.08		101	CM	Bulk
08-21-32	52328	8.50	20.77	32.56		100	CM	Bulk
08-21-32	52329	8.16	21.06	32.28		99	CM	Bulk
08-21-32	52330	8.25	20.41	33.31		100	CM	Bulk
<hr/>								
Statistical Analysis for Grade : 08-21-32								
Number of Samples This Grade : 7								
Average Analysis :								
CV, %								
10-26-26	52165	10.48	27.30	24.95		101	CM	Bulk
30-11-11	52327+	29.78	11.32	11.95		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR								
ALL SAMPLES,CV %								
NUMBER OF ANALYSIS								
Deficiency Rate = 0.00 %								
<hr/>								
AGRI-CHEM LLC (HOPK)	HOPKINSVILLE KY 42240							
00-00-50	50638	0.00	0.00	50.44		101	Mat	Bulk
00-00-50	50647	0.00	0.00	50.87		102	Mat	Bulk
00-00-50	50679	0.00	0.00	50.66		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
AGRI-CHEM LLC (HOPK)	HOPKINSVILLE KY 42240							
00-00-50	50681	0.00	0.00	50.97		102	Mat	Bulk
05-25-29	50157+	6.18	25.84	30.11		104	CM	Bulk
05-26-30	50158	6.46	26.84	30.53		104	CM	Bulk
05-26-30	50159	6.33	26.89	30.43		104	CM	Bulk
05-26-30	50160	6.31	26.85	30.26		104	CM	Bulk
05-26-30	50161	6.19	25.79	31.34		103	CM	Bulk
06-15-19	50420	6.70	16.48	18.70		104	CM	Bulk
06-15-19	50421	6.71	16.15	18.23		102	CM	Bulk
10-26-26	50422	10.29	26.00	26.23		100	CM	Bulk
10-27-24	51130	10.80	27.25	24.88		101	CM	Bulk
10-34-00	50644	9.44	31.44 *	0.00		93 *	Blend	Liq
32-09-09	52166	32.51	10.17	9.98		101	CM	Bulk
32-09-09	52167	32.34	10.50	9.71		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.76	102.21	101.02				
ALL SAMPLES,CV %		7.52	4.05	2.34				
NUMBER OF ANALYSIS		12	12	15				
Deficiency Rate = 6.25 %								
<hr/>								
AGRI-CHEM LLC (PRIN)	PRINCETON KY 42445							
19-19-19	51918	19.79	19.48	20.17		102	CM	Bulk
19-19-19	51920	18.74	19.57	20.04		100	CM	Bulk
22-16-16	51922	23.27	16.76	16.37		100	CM	Bulk
25-15-15	51923	25.38	14.46	15.70		100	CM	Bulk
25-15-15	51924	24.75	14.84	16.20		100	CM	Bulk
35-17-00	51921	34.78	18.37	0.00		100	CM	Bulk
<hr/>								
AGRIGRO FARM CTR, INC	HARTFORD KY 42347							
00-00-60	51660	0.00	0.00	60.95		102	Mat	Bulk
00-46-00	51657	0.00	46.29	0.00		101	Mat	Bulk
05-15-40	52466	6.87	16.33	39.50		103	CM	Bulk
05-15-40	52467	6.49	15.86	39.65		101	CM	Bulk
05-15-40	52477	6.53	15.43	39.77		101	CM	Bulk
05-15-40	52478	6.94	15.47	39.44		101	CM	Bulk
05-15-40	52499	6.00	15.98	41.11		103	CM	Bulk
05-15-40	52500	6.13	16.46	39.86		102	CM	Bulk
Statistical Analysis for Grade : 05-15-40								
Number of Samples This Grade : 6								
Average Analysis :		6.49	15.92	39.89		101.8		
CV, %		5.84	2.68	1.55				
<hr/>								
09-23-30	52462	9.50	24.17	29.49		102	CM	Bulk
09-23-30	52463	9.05	23.80	30.11		101	CM	Bulk
10-13-17	52498	10.62	14.13	18.32		103	CM	Bulk
18-46-00	51659	18.09	45.71	0.00		100	Mat	Bulk
19-19-19	52464	20.30	18.68	19.15		101	CM	Bulk
19-19-19	52465	19.88	20.24	18.31		101	CM	Bulk
19-19-19	52476	20.63	20.20	18.49		103	CM	Bulk
46-00-00	51658	45.92	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
AGRIGRO FARM CTR, INC HARTFORD KY 42347								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.16	104.04	99.37				
ALL SAMPLES,CV %		5.81	3.07	2.17				
NUMBER OF ANALYSIS		14	14	13				
Deficiency Rate = 0.00 %								
<hr/>								
AGRIPORT TERMINAL EDDYVILLE KY 42038								
00-00-60	50058	0.00	0.00	59.47		99	Mat	Bulk
00-00-60	50079	0.00	0.00	61.51		103	Mat	Bulk
00-00-60	50091	0.00	0.00	59.75		100	Mat	Bulk
00-00-60	50108	0.00	0.00	60.01		100	Mat	Bulk
00-00-60	50237	0.00	0.00	60.11		100	Mat	Bulk
00-00-60	50334	0.00	0.00	60.02		100	Mat	Bulk
00-00-60	50510	0.00	0.00	60.78		101	Mat	Bulk
00-00-60	50524	0.00	0.00	60.49		101	Mat	Bulk
00-00-60	50525	0.00	0.00	60.83		101	Mat	Bulk
00-00-60	50536	0.00	0.00	61.09		120	Mat	Bulk
00-00-60	50641	0.00	0.00	60.67		101	Mat	Bulk
00-00-60	50646	0.00	0.00	61.07		102	Mat	Bulk
00-00-60	50678	0.00	0.00	60.85		101	Mat	Bulk
00-00-60	50683	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	51917	0.00	0.00	59.37		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 15								
Average Analysis :		0.00	0.00	60.43		101.9		
CV, %		0	0	1.04				
<hr/>								
08-22-28	50131+	8.62	23.06	29.09		102	CM	Bulk
09-23-30	51119	8.79	22.00	31.07		100	CM	Bulk
09-23-30	51160	8.94	23.27	29.09		99	CM	Bulk
11-52-00	50055	11.44	52.25	0.00		101	Mat	Bulk
11-52-00	50057	13.45	52.76	0.00		107	Mat	Bulk
11-52-00	50078	11.76	52.66	0.00		103	Mat	Bulk
11-52-00	50080	11.58	52.59	0.00		102	Mat	Bulk
11-52-00	50090	12.88	52.46	0.00		105	Mat	Bulk
11-52-00	50107	12.88	52.57	0.00		105	Mat	Bulk
11-52-00	50162	11.97	51.41	0.00		101	Mat	Bulk
11-52-00	50336	12.53	51.83	0.00		103	Mat	Bulk
Statistical Analysis for Grade : 11-52-00								
Number of Samples This Grade : 8								
Average Analysis :		12.31	52.32	0.00		103.4		
CV, %		5.9	0.9	0				
<hr/>								
18-46-00	50056	18.14	46.41	0.00		101	Mat	Bulk
18-46-00	50081	18.17	46.16	0.00		101	Mat	Bulk
18-46-00	50238	17.90	46.29	0.00		100	Mat	Bulk
18-46-00	50335	17.76	45.40	0.00		99	Mat	Bulk
18-46-00	50509	18.12	46.18	0.00		100	Mat	Bulk
18-46-00	50526	17.76	45.28	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
AGRIPORT TERMINAL	EDDYVILLE KY 42038							
18-46-00	50527	18.46	45.90	0.00		101	Mat	Bulk
18-46-00	50537	17.66	45.96	0.00		113	Mat	Bulk
18-46-00	50639	17.94	46.48	0.00		101	Mat	Bulk
18-46-00	50640	17.70	46.10	0.00		100	Mat	Bulk
18-46-00	50645	17.62	45.99	0.00		99	Mat	Bulk
18-46-00	50677	17.75	46.25	0.00		100	Mat	Bulk
18-46-00	50684	17.56	45.95	0.00		99	Mat	Bulk
18-46-00	51919	17.85	46.62	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 14								
Average Analysis :		17.88	46.07	0.00		100.9		
CV, %		1.43	0.81	0				
23-15-17	52055	22.56	15.78	17.25		99	CM	Bulk
24-36-00	52054	22.51	37.18	0.00		99	CM	Bulk
25-15-15	51118	24.48	15.55	16.45		101	CM	Bulk
26-09-18	51117	23.67 *	9.98	21.03		100	CM	Bulk
26-09-18	51120	27.39	9.39	17.75		102	CM	Bulk
27-13-13	51121	27.10	13.73	13.56		100	CM	Bulk
32-00-00	51000	31.98	0.00	0.00		100	Mat	Liq
32-00-00	51129	31.73	0.00	0.00		99	Mat	Liq
32-00-00	52372	31.98	0.00	0.00		100	Mat	Liq
46-00-00	50508	45.72	0.00	0.00		99	Mat	Bulk
46-00-00	50523	45.82	0.00	0.00		100	Mat	Bulk
46-00-00	50528	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50538	46.20	0.00	0.00		105	Mat	Bulk
46-00-00	50642	45.78	0.00	0.00		100	Mat	Bulk
46-00-00	50643	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	50676	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	50682	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	51916	46.20	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 9								
Average Analysis :		45.98	0.00	0.00		100.4		
CV, %		0.39	0	0				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.41	100.92	101.50				
ALL SAMPLES,CV %		6.06	2.23	3.77				
NUMBER OF ANALYSIS		43	31	23				
Deficiency Rate = 1.72 %								
<hr/>								
AGRIUM ADVANCED TECHNOLOGIES US INC	REESE MI 48757-9340							
02-00-00	50794+	2.38	0.00	0.00		119	Mat	Bag
<hr/>								
AGRIUM ADVANCED TECHNOLOGIES US INC	LOVELAND CO 80538							
00-00-00	51429+	0.00	0.00	0.00			Mat	Bag
00-00-60	50671	0.00	0.00	61.26		102	Mat	Bulk
02-00-00	52659+	2.05	0.00	0.00		102	Mat	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
AGRIUM ADVANCED TECHNOLOGIES US INC LOVELAND CO 80538								
AGRIUM U.S. INC. (DENV)	DENVER CO 80237							
00-00-60	50672	0.00	0.00	62.16		104	Mat	Bulk
00-00-60	50754	0.00	0.00	61.62		103	Mat	Bulk
00-00-60	50764	0.00	0.00	61.47		102	Mat	Bulk
00-00-60	50820	0.00	0.00	61.31		102	Mat	Bulk
00-00-60	50821	0.00	0.00	61.31		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 5								
Average Analysis :		0.00	0.00	61.57		102.6		
CV, %		0	0	0.57				
05-15-30	50235+	4.88	15.51	30.62		102	Mnfr	Bulk
06-12-18	52369+	6.39	12.49	18.72		104	Mnfr	Bag
06-12-18	52539+	6.44	11.65	19.06		103	Mnfr	Bag
13-13-13	52368+	13.04	12.66	14.80		106	Mnfr	Bag
13-13-13	52540+	11.25 *	13.67	15.64		103	Mnfr	Bag
44-00-00	50751+	44.59	0.00	0.00		101	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.93	101.42	105.92				
ALL SAMPLES,CV %		7.57	3.82	5.84				
NUMBER OF ANALYSIS		6	5	10				
Deficiency Rate = 9.09 %								
<hr/>								
AGRO CULTURE LIQUID FERT.	ST. JOHNS MI 48879							
00-00-00	50895+	0.00	0.00	0.00			Blend	Liq
00-00-00	50897+	0.00	0.00	0.00			Blend	Liq
00-00-00	51497+	0.00	0.00	0.00			Blend	Liq
00-00-00	51498+	0.00	0.00	0.00			Blend	Liq
00-00-00	51688+	0.00	0.00	0.00			Mnfr	Liq
00-00-00	52332+	0.00	0.00	0.00			Blend	Liq
00-00-00	52537+	0.00	0.00	0.00			Blend	Liq
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade : 7								
Average Analysis :		0.00	0.00	0.00		0.0		
CV, %		0	0	0				
02-00-10	50896+	4.76	0.00	8.30 *		114	Blend	Liq
02-00-10	51689+	1.78	0.00	10.13		99	Mnfr	Liq
02-01-06	50934	2.85	1.21	6.93		123	Blend	Liq
09-24-03	50898+	9.18	20.25 *	2.99		91 *	Blend	Liq
09-24-03	50933+	9.18	24.00	3.30		101	Blend	Liq
09-24-03	50935+	9.24	23.11	3.18		99	Blend	Liq
09-24-03	51687+	9.25	22.86	3.40		99	Mnfr	Liq
12-03-03	52593+	11.85	3.22	3.14		101	Blend	Liq
12-03-03	52619+	11.39	3.15	3.02		97	Blend	Liq
24-00-00	52620+	23.62	0.00	0.00		98	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
AGRO CULTURE LIQUID FERT. ST. JOHNS MI 48879								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		117.10	101.32	103.79				
ALL SAMPLES,CV %		38.3	11.31	9.25				
NUMBER OF ANALYSIS		10	7	9				
Deficiency Rate =	11.76 %							
<hr/>								
ALLEN COUNTY FARMERS SERVICE SCOTTSVILLE KY 42164								
14-20-24	51172+	13.27	19.94	25.96		101	CM	Bulk
19-19-19	51167	18.68	20.29	20.12		101	CM	Bulk
21-15-20	51171	22.18	14.26	20.23		100	CM	Bulk
21-15-20	51173	21.16	14.87	21.55		101	CM	Bulk
23-16-16	51170	22.72	16.24	18.06		101	CM	Bulk
27-13-13	51168	26.69	13.69	14.62		101	CM	Bulk
27-13-13	51169	26.71	13.67	14.34		100	CM	Bulk
27-13-13	51175	26.92	13.70	14.39		101	CM	Bulk
28-12-12	51166	28.67	12.44	13.37		101	CM	Bulk
35-14-00	51174	35.36	15.18	0.00		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.60	99.19	105.58				
ALL SAMPLES,CV %		2.7	3.23	2.27				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate =	0.00 %							
<hr/>								
AMERICAN PLANT FOOD CORPORATION GALENA PARK TX 77547								
21-00-00	51270+	20.73	0.00	0.00		99	Mat	Bulk
<hr/>								
ANDERSON CO FARM SVC LAWRENCEBURG KY 40342								
00-00-60	52635	0.00	0.00	59.01		98	Mat	Bulk
18-46-00	52634	17.60	45.89	0.00		99	Mat	Bulk
<hr/>								
AZOMITE MINERAL PRODUCT (ADMIN) NEPHI UT 84648								
00-00-00	52320+	0.00	0.00	1.60		800	Blend	Bag
<hr/>								
BALLARD COUNTY COOPERATIVE LA CENTER KY 42056								
00-00-60	50270	0.00	0.00	60.29		100	Mat	Bulk
00-00-60	50272	0.00	0.00	59.45		99	Mat	Bulk
04-12-15	50429	5.39	12.08	16.23		104	CM	Bulk
05-13-17	50430	5.52	13.40	18.65		103	CM	Bulk
05-13-17	50431	5.57	13.68	18.58		105	CM	Bulk
06-15-20	50428	6.43	15.74	22.16		104	CM	Bulk
08-00-22	51964	14.74	0.00	23.05		125	CM	Bulk
08-22-28	52229+	8.89	22.32	29.15		102	CM	Bulk
09-23-29	50432	8.47	23.20	29.48		98	CM	Bulk
15-17-22	52227	13.50 *	19.39	24.35		103	CM	Bulk
15-17-22	52228	13.88 *	18.99	23.25		101	CM	Bulk
15-17-23	52230	15.08	18.17	22.74		102	CM	Bulk
18-46-00	50269	17.77	45.48	0.00		99	Mat	Bulk
21-00-00	50271+	21.15	0.00	0.00		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
BALLARD COUNTY COOPERATIVE LA CENTER KY 42056								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		106.32	102.82	103.20				
ALL SAMPLES,CV %		20.79	4.67	3				
NUMBER OF ANALYSIS		12	10	12				
Deficiency Rate = 14.29 %								
<hr/>								
BANDANA AG INC. LA CENTER KY 42056-9807								
00-00-60	50050	0.00	0.00	60.26		100	Mat	Bulk
00-00-60	50553	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	50554	0.00	0.00	60.79		101	Mat	Bulk
00-00-60	50581	0.00	0.00	60.74		101	Mat	Bulk
04-17-34	50433+	5.09	17.19	34.58		103	CM	Bulk
09-23-30	51956	9.11	23.46	29.55		100	CM	Bulk
09-23-30	51960	8.92	23.36	29.55		100	CM	Bulk
09-23-30	52013	9.12	23.01	30.82		102	CM	Bulk
12-40-00	50051	12.35	41.41	0.00		103	Mat	Bulk
12-40-00	50556+	11.82	41.30	0.00		102	Mat	Bulk
13-19-25	51957	12.76	19.95	25.02		100	CM	Bulk
13-19-25	51958	12.82	19.36	24.63		99	CM	Bulk
13-19-25	51959	13.12	19.58	24.23		99	CM	Bulk
13-19-25	51961	12.95	19.42	24.37		99	CM	Bulk
13-19-25	51962	12.58	18.76	25.11		98	CM	Bulk
13-19-25	51963	13.40	19.06	24.46		99	CM	Bulk
Statistical Analysis for Grade : 13-19-25								
Number of Samples This Grade : 6								
Average Analysis :		12.94	19.36	24.64		99.2		
CV, %		2.24	2.13	1.45				
18-46-00	50052	18.05	46.49	0.00		101	Mat	Bulk
18-46-00	50555	17.74	45.76	0.00		99	Mat	Bulk
34-00-00	50557	33.90	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.67	101.22	99.68				
ALL SAMPLES,CV %		5.34	1.71	1.71				
NUMBER OF ANALYSIS		15	14	14				
Deficiency Rate = 0.00 %								
<hr/>								
BICKETT AGRI CTR. CENTRAL CITY KY 42330								
08-20-26	52056+	8.32	21.20	25.54		100	CM	Bulk
08-20-26	52057+	8.51	22.20	25.14 *		101	CM	Bulk
08-20-26	52058+	7.10 *	18.64 *	29.68		100	CM	Bulk
08-20-26	52059+	8.67	22.45	24.49 *		101	CM	Bulk
08-20-26	52060+	7.38	19.51	29.23		101	CM	Bulk
08-20-26	52061+	8.06	21.55	25.88		100	CM	Bulk
08-20-26	52062+	7.71	20.66	27.09		100	CM	Bulk
08-20-26	52063+	8.86	23.24	24.85 *		103	CM	Bulk
08-20-26	52064+	6.66 *	17.63 *	30.39		99	CM	Bulk
08-20-26	52065+	7.89	20.07	28.10		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
BICKETT AGRI CTR. CENTRAL CITY KY 42330								
Statistical Analysis for Grade : 08-20-26								
Number of Samples This Grade : 10								
Average Analysis :		7.92	20.71	27.04		100.8		
CV, %		9	8.54	8.05				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.83	101.19	101.26				
ALL SAMPLES,CV %		9	8.54	8.05				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 50.00 %								
<hr/>								
BICKETT AGRI CTR. MORGANFIELD KY 42437								
00-00-60	51670	0.00	0.00	61.79		103	Mat	Bulk
00-00-60	51671	0.00	0.00	62.36		104	Mat	Bulk
18-46-00	51672	18.01	46.69	0.00		101	Mat	Bulk
18-46-00	51673	17.89	45.87	0.00		100	Mat	Bulk
<hr/>								
BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004								
15-11-14	51867+	15.40	12.12	14.99		100	CM	Bulk
15-11-14	51868+	14.84	11.18	16.45		99	CM	Bulk
19-23-16	51874	18.79	23.61	16.66		100	CM	Bulk
20-07-09	51872+	19.00	7.18	10.04		98	CM	Bulk
20-07-09	51878+	19.12	6.95	9.99		98	CM	Bulk
21-15-19	51870	20.28	15.16	21.36		100	CM	Bulk
21-15-19	51871	20.00	15.14	21.72		100	CM	Bulk
27-11-15	51873	26.32	11.39	16.58		100	CM	Bulk
30-00-20	51877	29.68	0.00	22.34		102	CM	Bulk
30-11-11	51869	28.96	11.83	12.77		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		94.91	100.23	108.08				
ALL SAMPLES,CV %		1.56	2.53	3.45				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
<hr/>								
BONIDE PRODUCTS, INC. ORISKANY NY 13424								
04-10-03	51722	4.03	10.15	3.27		103	Blend	Liq
<hr/>								
BOTANICARE CHAN DLER AZ 85226								
02-00-00	52642+	2.04	0.00	0.00		102	Mnfr	Liq
<hr/>								
BRANDT CONSOLIDATED INC SPRINGFIELD IL 62711								
04-00-00	51937+	3.89	0.00	0.00		97	Blend	Liq
<hr/>								
BRIDGEWELL RESOURCES CLACKAMAS OR 97015								
09-03-07	52555+	10.07	2.37	8.56		111	Mnfr	Bag
<hr/>								
C. D. POORE FERTILIZER ALBANY KY 42602								
00-00-60	51548	0.00	0.00	59.89		100	Mat	Bulk
07-07-14	52688+	6.35	6.17	14.44		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
C. D. POORE FERTILIZER	ALBANY KY 42602							
08-13-17	52187+	9.20	12.75	16.81		105	CM	Bulk
08-13-17	52188+	8.51	13.33	16.89		105	CM	Bulk
08-13-17	52189+	9.34	12.46	16.13		103	CM	Bulk
10-10-10	52192	9.37	9.23	9.66		94 *	Blend	Bag
17-17-17	52678	17.51	17.44	17.95		99	CM	Bulk
18-46-00	51545	17.70	45.27	0.00		98	Mat	Bulk
19-19-19	52190	18.62	20.27	20.76		102	CM	Bulk
19-19-19	52191	18.37	18.01	20.08		99	Blend	Bag
21-00-00	51547+	21.25	0.00	0.00		101	Mat	Bulk
34-00-00	51546	33.68	0.00	0.00		99	Mat	Bulk
38-00-00	52677+	36.76	0.00	0.00		98	CM	Bulk
41-00-00	52687+	38.82 *	0.00	0.00		94 *	CM	Bulk
46-00-00	51549	46.16	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.19	98.53	101.40				
ALL SAMPLES,CV %		7.85	4.53	3.28				
NUMBER OF ANALYSIS		14	9	9				
Deficiency Rate = 13.33 %								
<hr/>								
CAMERON CHEMICALS, INC.	PORTSMOUTH VA 23702-2313							
00-00-00	50868+	0.00	0.00	0.00			Mat	Bag
00-00-00	50890+	0.00	0.00	0.00			Blend	Bag
00-00-00	51460+	0.00	0.00	0.00			Mnfr	Bag
00-00-00	52128+	0.00	0.00	0.00			Mat	Bag
00-00-00	52342+	0.00	0.00	0.00			Mat	Bag
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade : 5								
Average Analysis :		0.00	0.00	0.00			0.0	
CV, %		0	0	0				
<hr/>								
CECILIA FARM SVC INC.	CECILIA KY 42724							
02-06-50	51094+	2.61	6.44	51.75		102	CM	Bulk
06-16-38	51100	6.35	15.71	40.22		101	CM	Bulk
09-23-26	51096+	9.12	23.69	27.74		100	CM	Bulk
12-13-31	51098+	13.08	12.96	32.02		101	CM	Bulk
16-25-16	50456	17.10	24.36	17.60		102	CM	Bulk
16-25-16	50457	16.75	24.51	17.50		101	CM	Bulk
17-23-17	51093	17.35	24.05	18.01		100	CM	Bulk
19-19-19	51095	18.60	21.06	19.70		102	CM	Bulk
24-15-15	51097	23.88	17.10	15.94		101	CM	Bulk
24-24-09	51091	23.79	23.29	9.57		98	CM	Bulk
25-15-15	51099	24.20	15.88	16.88		102	CM	Bulk
31-10-10	51092	31.09	10.94	11.52		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CECILIA FARM SVC INC. CECILIA KY 42724								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.43	100.56	104.84				
ALL SAMPLES,CV %		2.07	4.9	3.74				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate =	0.00 %							
<hr/>								
CEN FARMERS SUP. OF GREEN GREENSBURG KY 42743								
06-15-39	51791	7.07	15.80	40.41		103	CM	Bulk
18-18-18	51503	19.57	18.19	19.06		103	CM	Bulk
18-18-18	51504	20.47	18.49	18.23		103	CM	Bulk
19-19-19	51505	19.59	18.31	20.75		101	CM	Bulk
19-19-19	51508	20.19	18.85	19.51		101	CM	Bulk
19-19-19	51509	19.50	18.35	20.77		101	CM	Bulk
22-17-17	51507	22.06	17.45	17.45		100	CM	Bulk
26-00-25	51501	28.76	0.00	24.24		103	CM	Bulk
29-00-21	51506	29.96	0.00	21.89		102	CM	Bulk
29-11-11	51502	31.24	11.04	11.51		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.85	97.28	101.61				
ALL SAMPLES,CV %		4.44	2.66	3.7				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate =	0.00 %							
<hr/>								
CENTRAL CROP CARE CRAB ORCHARD KY 40419								
00-00-17	52662+	0.00	0.00	17.08		98	CM	Bulk
00-00-22	50781+	0.00	0.00	22.39		104	Mat	Bulk
00-00-60	50780	0.00	0.00	61.42		102	Mat	Bulk
00-00-60	52667	0.00	0.00	59.76		100	Mat	Bulk
03-08-30	52664+	4.19	7.81	31.56		107	CM	Bulk
06-15-39	52665	6.41	15.50	40.56		102	CM	Bulk
16-12-20	52026+	16.80	13.05	21.22		106	CM	Bulk
18-18-18	52029	19.98	19.77	18.36		104	CM	Bulk
18-46-00	50779	18.12	45.27	0.00		99	Mat	Bulk
20-17-17	52663+	19.52	15.39 *	18.97		98	CM	Bulk
21-15-20	52023	21.01	16.68	19.67		101	CM	Bulk
25-14-14	52022	26.29	14.99	8.73 *		93 *	CM	Bulk
27-00-24	52027	27.30	0.00	25.20		101	CM	Bulk
27-13-13	52028	27.92	14.40	12.39 *		100	CM	Bulk
28-00-00	52666	28.26	0.00	0.00		101	Blend	Liq
29-08-15	52025	29.60	8.66	11.95 *		96 *	CM	Bulk
30-10-10	52021	30.45	11.91	11.15		102	CM	Bulk
32-09-09	52024	32.26	10.48	10.35		103	CM	Bulk
32-09-09	52030	31.86	10.13	10.57		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CENTRAL CROP CARE CRAB ORCHARD KY 40419								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.57	104.28	98.76				
ALL SAMPLES,CV %		9.52	6.25	12.69				
NUMBER OF ANALYSIS		15	13	17				
Deficiency Rate = 21.05 %								
CENTRAL GARDEN & PET GARDEN DIV. ATLANTA GA 30339								
02-00-00	52637+	1.37	0.00	0.00	91	*	Mnfr	Bag
CGB FERTILIZER JEFFERSONVILLE IN 47130								
00-00-50	50813	0.00	0.00	49.35	99	Mat	Bulk	
00-00-60	51879	0.00	0.00	61.88	103	Mat	Bulk	
18-46-00	50810	17.93	45.90	0.00	100	Mat	Bulk	
18-46-00	51271	17.57	45.52	0.00	98	Mat	Bulk	
18-46-00	51272	17.83	46.22	0.00	100	Mat	Bulk	
18-46-00	51875	17.87	45.98	0.00	100	Mat	Bulk	
18-46-00	52486	17.44	45.95	0.00	99	Mat	Bulk	
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 5								
Average Analysis :		17.73	45.91	0.00	99.4			
CV, %		1.2	0.55	0				
21-00-00	50818+	20.65	0.00	0.00	98	Mat	Bulk	
34-00-00	52693	34.27	0.00	0.00	102	Mat	Bulk	
46-00-00	50814	46.01	0.00	0.00	100	Mat	Bulk	
46-00-00	50815	46.01	0.00	0.00	100	Mat	Bulk	
46-00-00	50816	46.06	0.00	0.00	100	Mat	Bulk	
46-00-00	50817	46.06	0.00	0.00	100	Mat	Bulk	
46-00-00	51332	46.20	0.00	0.00	100	Mat	Bulk	
46-00-00	51876	46.01	0.00	0.00	100	Mat	Bulk	
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 6								
Average Analysis :		46.06	0.00	0.00	100.1			
CV, %		0.16	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.52	99.81	100.92				
ALL SAMPLES,CV %		1.37	0.55	3.11				
NUMBER OF ANALYSIS		13	5	2				
Deficiency Rate = 0.00 %								
CHARAH INC LOUISVILLE KY 40222								
00-00-00	50394+	0.00	0.00	0.00			Mnfr	Bulk
CHARLIE'S COMPOST LLC CALHOUN KY 42327								
09-18-27	52594	8.33	16.84	28.66	101	Blend	Bag	
CHEROKEE NITROGEN ROCKWALL TX 75087-4243								
32-00-00	51686	31.64	0.00	0.00	99	Mat	Liq	

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CHS	ST. PAUL MN 55164-0089							
00-00-60	51533	0.00	0.00	61.03		102	Mat	Bulk
Á 00-00-60	51534	0.00	0.00	61.22		102	Mat	Bulk
00-00-60	51535	0.00	0.00	60.67		101	Mat	Bulk
00-00-60	51965	0.00	0.00	60.85		101	Mat	Bulk
18-46-00	50673	17.65	46.26	0.00		100	Mat	Bulk
18-46-00	50674	17.84	47.30	0.00		102	Mat	Bulk
18-46-00	50750	17.67	45.91	0.00		99	Mat	Bulk
18-46-00	50753	17.97	46.03	0.00		100	Mat	Bulk
18-46-00	50765	17.44	46.28	0.00		99	Mat	Bulk
18-46-00	50822	17.84	45.68	0.00		99	Mat	Bulk
18-46-00	51530	17.77	45.55	0.00		99	Mat	Bulk
18-46-00	51531	17.64	45.92	0.00		99	Mat	Bulk
18-46-00	51532	17.76	46.32	0.00		100	Mat	Bulk
18-46-00	51966	17.70	45.30	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 10								
Average Analysis :		17.73	46.06	0.00		99.6		
CV, %		0.81	1.19	0				
21-00-00	50819+	21.26	0.00	0.00		101	Mat	Bulk
21-00-00	51967+	21.03	0.00	0.00		100	Mat	Bulk
32-00-00	52698	31.44	0.00	0.00		98	Mat	Liq
32-00-00	52699	32.04	0.00	0.00		100	Mat	Liq
32-00-00	52701	31.97	0.00	0.00		100	Mat	Liq
32-00-00	52702	31.47	0.00	0.00		98	Mat	Liq
46-00-00	50823	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	51268	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	51275	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.12	100.12	101.57				
ALL SAMPLES,CV %		1.1	1.19	0.39				
NUMBER OF ANALYSIS		19	10	4				
Deficiency Rate = 0.00 %								
<hr/>								
CLEMENTS AG SUPP. SPRINGFIELD KY 40069								
00-00-60	51017	0.00	0.00	62.35		104	Mat	Bulk
11-14-11	52098+	16.98	14.54	10.72		121	CM	Bulk
11-52-00	52208	10.97	52.61	0.00		101	Mat	Bulk
16-10-29	52099	16.78	9.80	30.02		101	CM	Bulk
16-10-29	52100	17.52	9.45	29.95		102	CM	Bulk
17-14-11	52097+	16.57	13.72	11.59		101	CM	Bulk
18-00-13	52094+	16.18 *	0.00	14.41		97 *	CM	Bulk
18-46-00	51016	17.99	46.18	0.00		100	Mat	Bulk
19-04-16	52101+	19.04	3.87	16.51		101	CM	Bulk
19-04-16	52102+	19.29	4.70	16.10		102	CM	Bulk
19-04-16	52103+	18.73	4.76	15.84		100	CM	Bulk
20-00-00	52095+	18.95	0.00	0.00		97	CM	Bulk
20-00-00	52096+	19.54	0.00	0.00		100	CM	Bulk
21-00-00	52703+	20.94	0.00	0.00		100	Mat	Bulk
46-00-00	51015	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	52704	46.02	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CLEMENTS AG SUPP. SPRINGFIELD KY 40069								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.50	104.99	103.31				
ALL SAMPLES,CV %		13.81	10.59	4.6				
NUMBER OF ANALYSIS		15	9	9				
Deficiency Rate =	6.25 %							
<hr/>								
CORBIN FARM & GARDEN CTR. CORBIN KY 40701								
10-10-10	51627	10.62	10.37	10.54		105	Blend	Bag
19-19-19	51626	19.67	20.30	19.01		103	Blend	Bag
<hr/>								
CROP PRODUCTION SVC (CADIZ) CADIZ KY 42211								
03-15-39	51001+	3.94	16.63	40.23		104	CM	Bulk
04-10-40	50499+	4.04	9.63	41.92		100	CM	Bulk
04-10-40	50500+	3.94	10.46	39.65		97	CM	Bulk
04-10-40	50501+	3.99	10.57	41.27		101	CM	Bulk
06-15-20	50252	6.68	16.87	21.09		105	CM	Bulk
06-15-20	50253	6.65	15.89	21.62		104	CM	Bulk
06-15-20	50254	6.30	15.94	21.91		103	CM	Bulk
13-04-22	51124+	13.59	4.32	22.65		101	CM	Bulk
22-11-21	51125	21.53	11.68	22.76		100	CM	Bulk
27-13-13	51126	26.51	13.41	15.36		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.40	100.34	103.83				
ALL SAMPLES,CV %		7.44	3.97	4.18				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate =	0.00 %							
<hr/>								
CROP PRODUCTION SVC (CAMP) CAMPBELLSVILLE KY 42719								
07-19-34	50423	7.13	18.55	36.15		100	CM	Bulk
07-19-34	50424	7.49	19.64	34.28		100	CM	Bulk
09-23-30	50471	8.58	23.07	30.29		100	CM	Bulk
09-23-30	50472	8.90	23.97	29.45		100	CM	Bulk
16-18-19	51618+	16.32	19.18	19.39		102	CM	Bulk
19-19-18	51623	18.23	19.91	20.88		101	CM	Bulk
19-19-19	51622	18.65	20.33	20.93		103	CM	Bulk
20-18-17	51619	21.24	18.17	19.34		102	CM	Bulk
24-10-20	51621	22.66	9.85	22.57		100	CM	Bulk
26-13-13	51620	24.46 *	15.53	16.13		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.01	101.62	106.25				
ALL SAMPLES,CV %		3.96	4.75	5.59				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate =	10.00 %							
<hr/>								
CROP PRODUCTION SVC (CLA) CLAY KY 42404-2167								
05-17-34	52141+	5.12	17.44	34.86		101	CM	Bulk
05-17-34	52142+	5.40	18.33	35.60		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (CLA)	CLAY KY 42404-2167							
05-17-34	52146+	5.30	17.66	35.55		103	CM	Bulk
09-23-30	52139	9.11	23.39	30.56		102	CM	Bulk
09-23-30	52140	8.75	22.85	31.33		101	CM	Bulk
09-23-30	52143	8.22	22.70	30.97		100	CM	Bulk
09-23-30	52144	8.84	22.58	30.52		100	CM	Bulk
09-23-30	52145	8.49	22.71	31.06		100	CM	Bulk
09-23-30	52147	8.89	22.73	31.09		101	CM	Bulk
09-23-30	52148	9.34	23.51	31.90		104	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		8.81	22.92	31.06		101.2		
CV, %		4.23	1.61	1.52				
11-17-26	52138+	10.96	18.41	26.84		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.28	101.33	103.30				
ALL SAMPLES,CV %		4.09	2.86	1.34				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (CLAR)	CLARKSON KY 42726							
09-23-29	51217	8.20	21.90	30.94		98	CM	Bulk
09-23-29	51218	8.77	23.45	30.35		101	CM	Bulk
09-23-29	51219	8.61	23.04	30.77		100	CM	Bulk
14-16-27	51215+	14.12	16.96	27.66		101	CM	Bulk
19-18-18	51216	19.22	18.31	20.29		102	CM	Bulk
19-19-19	51221	19.67	18.50	20.78		102	CM	Bulk
19-19-19	51222	19.41	18.88	20.15		101	CM	Bulk
19-19-19	51223	19.45	19.72	19.52		101	CM	Bulk
23-15-16	51220	23.64	16.68	16.48		101	CM	Bulk
26-05-21	51224	25.72	5.38	22.31		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.15	100.61	104.36				
ALL SAMPLES,CV %		2.53	3.1	2.55				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (CYN)	CYNTHIANA KY 41031							
04-11-45	51419	4.24	10.61	46.08		100	CM	Bulk
04-12-45	51421	4.50	11.50	44.81		100	CM	Bulk
07-00-51	51416	6.80	0.00	52.98		103	CM	Bulk
19-00-08	51417	20.95	0.00	8.08		103	CM	Bulk
20-13-23	51412	19.84	12.64	24.86		101	CM	Bulk
20-23-15	51414	20.16	23.87	14.46		100	CM	Bulk
21-15-20	51418	21.24	14.70	21.25		101	CM	Bulk
23-00-30	51413	23.74	0.00	30.86		103	CM	Bulk
23-00-30	51420	23.13	0.00	31.73		103	CM	Bulk
24-13-18	51415	25.28	13.49	17.08		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (CYN) CYNTHIANA KY 41031								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.44	98.06	101.57				
ALL SAMPLES,CV %		3.12	4.14	4.37				
NUMBER OF ANALYSIS		10	6	10				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (EKR) EKRON KY 40117								
05-15-40	52283	6.18	15.27	41.65		103	CM	Bulk
10-26-26	51988	10.40	26.19	27.89		104	CM	Bulk
10-26-26	52281	10.82	26.14	26.28		102	CM	Bulk
10-26-26	52282	11.18	27.64	23.92 *		101	CM	Bulk
16-21-21	51989	16.23	19.93	22.94		100	CM	Bulk
16-21-21	51993	16.19	21.75	22.83		102	CM	Bulk
17-20-20	52002	17.36	20.81	21.58		101	CM	Bulk
19-09-26	52278	21.15	10.21	26.40		104	CM	Bulk
19-19-19	51990	19.38	19.94	20.87		103	CM	Bulk
19-19-19	51992	20.07	19.88	20.12		103	CM	Bulk
24-14-16	52284	23.22	14.70	18.23		101	CM	Bulk
24-17-14	52275	23.29	17.65	15.78		101	CM	Bulk
24-17-14	52276	24.93	18.07	14.08		102	CM	Bulk
24-17-14	52277	24.86	17.32	14.63		102	CM	Bulk
25-11-17	51994	24.51	11.46	18.89		100	CM	Bulk
25-11-17	51996	25.50	11.73	17.40		100	CM	Bulk
25-12-12	51991	22.89 *	13.77	16.10		100	CM	Bulk
25-15-15	52274	26.18	17.74	13.26 *		103	CM	Bulk
25-15-15	52279	26.61	15.65	14.44		103	CM	Bulk
26-13-13	51995	25.72	13.61	14.79		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.53	103.57	103.85				
ALL SAMPLES,CV %		5.19	4.71	7.81				
NUMBER OF ANALYSIS		20	20	20				
Deficiency Rate = 15.00 %								
<hr/>								
CROP PRODUCTION SVC (FANC) FANCY FARM KY 42039								
04-11-23	50393	4.89	12.46	24.08		104	CM	Bulk
04-12-24	50392	6.68	16.69	18.82 *		105	CM	Bulk
07-18-35	51886	7.26	18.04	35.74		100	CM	Bulk
09-23-30	50502	10.32	26.43	25.66 *		101	CM	Bulk
09-23-30	50503	10.32	27.20	25.02 *		101	CM	Bulk
09-23-30	52018	8.37	23.94	30.57		101	CM	Bulk
09-23-30	52019	9.26	22.71	31.81		103	CM	Bulk
09-23-30	52020	9.26	21.77	33.62		104	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		9.51	24.41	29.34		102.2		
CV, %		8.7	9.59	13				
18-12-15	51163+	18.32	11.69	14.74		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (FANC) FANCY FARM KY 42039								
<hr/>								
CROP PRODUCTION SVC (FELTY)		BEAVER DAM KY 42320						
09-23-30	52151	8.94	22.87	29.91		100	CM	Bulk
09-23-30	52154	9.27	23.36	29.93		101	CM	Bulk
09-23-30	52156	9.20	23.01	30.27		101	CM	Bulk
09-23-30	52157	9.19	23.60	30.24		102	CM	Bulk
09-23-30	52207	9.86	22.78	31.37		104	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		9.29	23.12	30.34		101.3		
CV, %		3.67	1.5	1.97				
11-15-32	52160	11.59	15.54	32.83		101	CM	Bulk
12-15-31	52152	11.78	15.62	32.38		100	CM	Bulk
12-15-31	52153	11.89	14.97	33.27		101	CM	Bulk
12-15-31	52158	11.78	16.14	32.16		101	CM	Bulk
12-15-31	52159	12.22	15.97	32.16		101	CM	Bulk
19-19-19	52155	18.95	18.95	20.44		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.30	101.21	101.71				
ALL SAMPLES,CV %		3.82	2.34	1.9				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (GLEN)		GLENDALE KY 42740						
10-25-26	51792	10.18	26.56	26.10		101	CM	Bulk
12-11-23	51201+	11.58	10.43	24.11		100	CM	Bulk
12-21-25	51793	12.68	21.89	26.65		101	CM	Bulk
12-21-25	51794	12.70	21.23	27.25		101	CM	Bulk
18-18-21	51212	17.20	17.93	22.48		99	CM	Bulk
21-17-17	51510	20.82	17.31	19.53		101	CM	Bulk
23-16-15	51511	23.55	15.59	16.98		100	CM	Bulk
25-12-16	51116	25.13	13.97	16.93		102	CM	Bulk
25-12-16	51211	24.66	11.97	17.47		98	CM	Bulk
25-12-16	51213	24.33	12.28	17.14		98	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.91	99.55	103.43				
ALL SAMPLES,CV %		1.76	4.59	2.98				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (HARD)		HARDIN KY 42048						
08-22-29	50415	8.91	23.69	29.22		100	CM	Bulk
08-22-29	51892	9.15	23.25	31.58		104	CM	Bulk
08-22-29	51895	9.41	23.19	30.99		103	CM	Bulk
08-22-29	51896	8.43	21.80	30.07		98	CM	Bulk
09-23-30	51285	8.37	22.30	30.66		99	CM	Bulk
09-23-30	51286	9.09	22.92	30.09		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (HARD)	HARDIN KY 42048							
09-23-30	51893	8.65	22.18	30.09		98	CM	Bulk
09-23-30	51894	9.31	23.03	29.35		100	CM	Bulk
16-15-16	51306	15.85	16.41	16.37		101	CM	Bulk
17-17-17	51307	18.07	18.14	18.01		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.32	99.87	101.12				
ALL SAMPLES,CV %		3.95	2.82	2.44				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (HEND)	HENDERSON KY 42420							
08-21-31	52003	8.74	21.79	32.64		102	CM	Bulk
08-21-31	52004	8.67	21.58	31.82		101	CM	Bulk
08-21-31	52005	9.23	21.31	31.19		100	CM	Bulk
08-21-31	52006	8.41	21.25	32.76		101	CM	Bulk
08-21-32	52007	8.05	20.11	34.38		101	CM	Bulk
08-22-29	51941	8.65	22.41	31.19		101	CM	Bulk
08-22-29	51942	8.99	22.86	30.26		100	CM	Bulk
08-22-29	52008	9.07	22.71	30.68		101	CM	Bulk
08-22-29	52009	9.01	21.64	31.74		101	CM	Bulk
08-22-29	52010	8.92	22.97	30.42		101	CM	Bulk
Statistical Analysis for Grade : 08-22-29								
Number of Samples This Grade :	5							
Average Analysis :		8.93	22.52	30.86		100.7		
CV, %		1.84	2.37	1.96				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.33	97.87	103.17				
ALL SAMPLES,CV %		3.08	1.89	2.09				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (HOD)	HODGENVILLE KY 42748							
07-18-35	50455	7.28	19.06	36.54		103	CM	Bulk
08-22-30	51055	9.11	22.77	28.21 *		97	CM	Bulk
09-19-23	51060+	8.52	18.55	24.39		101	CM	Bulk
14-37-11	51056	14.18	36.54	12.00		99	CM	Bulk
19-19-19	51054	18.28	18.54	19.56		98	CM	Bulk
19-19-19	51057	19.60	19.00	19.28		100	CM	Bulk
19-19-19	51058	19.95	17.70 *	19.82		99	CM	Bulk
19-19-19	51059	19.08	18.16	20.30		100	CM	Bulk
27-13-13	51042	26.94	13.34	13.76		99	CM	Bulk
27-13-13	51053	25.82	14.45	14.81		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (HOD) HODGENVILLE KY 42748								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.28	98.60	102.81				
ALL SAMPLES,CV %		2.74	4.3	4.23				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								
<hr/>								
CROP PRODUCTION SVC (HOR) HORSECAVE KY 42749								
05-13-40	51278+	5.33	13.28	40.95		100	CM	Bulk
19-19-19	51037	18.65	19.21	20.57		100	CM	Bulk
21-17-17	51280	21.53	16.75	19.16		101	CM	Bulk
23-00-30	50994	22.89	0.00	30.97		101	CM	Bulk
23-16-16	51277	22.71	16.49	17.54		100	CM	Bulk
23-16-16	51308	24.55	15.56	15.55		100	CM	Bulk
27-13-13	50993	26.33	14.09	14.37		100	CM	Bulk
28-28-00	51279	28.73	28.34	0.00		100	CM	Bulk
30-00-20	51309	29.17	0.00	22.79		101	CM	Bulk
32-21-00	51310	31.68	19.86	0.00		97	CM	Bulk
35-17-00	51036	35.20	16.86	0.00		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.78	98.10	104.94				
ALL SAMPLES,CV %		2.03	2.78	4.42				
NUMBER OF ANALYSIS		11	9	8				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (KEVIL) KEVIL KY 42053-0112								
09-23-30	52011	9.87	24.28	29.03		102	CM	Bulk
09-23-30	52012	8.22	21.62	31.33		98	CM	Bulk
09-23-30	52222	9.12	22.74	30.84		101	CM	Bulk
09-23-30	52223	9.25	23.28	30.32		101	CM	Bulk
09-23-30	52224	8.50	23.24	30.52		100	CM	Bulk
09-23-30	52225	9.65	24.82	28.77		102	CM	Bulk
09-23-30	52226	8.32	21.86	31.95		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		8.99	23.12	30.39		100.8		
CV, %		7.3	5.07	3.8				
<hr/>								
CROP PRODUCTION SVC (LEB) LEBANON KY 40033								
18-13-24	51457	17.81	13.92	26.43		101	CM	Bulk
19-00-34	51450	19.34	0.00	35.51		101	CM	Bulk
21-15-20	51448	20.77	15.50	20.27		100	CM	Bulk
27-11-14	51447	26.48	12.15	15.82		100	CM	Bulk
27-11-14	51451	27.44	11.66	15.99		102	CM	Bulk
27-11-14	51454	26.99	11.96	15.55		101	CM	Bulk
27-11-14	51455	27.27	11.73	15.45		101	CM	Bulk
27-11-15	51449	27.37	11.35	16.17		101	CM	Bulk
27-11-15	51453	27.44	11.49	15.88		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (LEB)	LEBANON KY 40033							
27-11-15	51456	26.33	11.86	17.00		101	CM	Bulk
32-23-00	51452	32.08	22.78	0.00		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.32	101.94	105.62				
ALL SAMPLES,CV %		1.79	2.29	3.19				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (MOR)	MORGANFIELD KY 42437							
07-18-36	50152	7.48	19.40	36.74		103	CM	Bulk
07-18-36	50153	7.18	19.20	37.21		103	CM	Bulk
07-18-36	50154	7.68	18.11	36.72		102	CM	Bulk
07-18-36	50155	7.09	18.72	36.88		102	CM	Bulk
07-20-33	52149	7.63	19.96	34.60		101	CM	Bulk
07-20-33	52150	7.78	19.78	35.13		101	CM	Bulk
10-26-26	50132	10.72	27.18	26.58		104	CM	Bulk
10-26-26	50133	10.67	26.61	26.90		103	CM	Bulk
10-26-26	50134	10.81	27.65	26.55		104	CM	Bulk
10-26-26	50135	10.66	26.77	26.94		103	CM	Bulk
18-18-18	50148	18.54	19.64	19.99		103	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.64	102.98	102.83				
ALL SAMPLES,CV %		3.64	2.91	1.64				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (PEM)	PEMBROKE KY 42266							
05-12-11	50364	5.88	13.62	11.68		107	CM	Bulk
05-12-11	50365	5.85	12.94	11.53		105	CM	Bulk
05-13-11	50363	6.00	13.35	11.60		106	CM	Bulk
05-14-14	50361	6.87	15.28	15.16		111	CM	Bulk
05-14-14	50362	6.76	14.34	14.73		107	CM	Bulk
06-31-23	50174	8.16	32.43	22.83		104	CM	Bulk
06-31-23	50175	7.86	31.53	23.84		104	CM	Bulk
08-22-28	50172	8.83	22.79	28.78		101	CM	Bulk
08-22-28	50173	8.55	22.88	29.69		102	CM	Bulk
31-20-00	50999+	30.15	20.67	0.00		97	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		113.30	102.73	102.13				
ALL SAMPLES,CV %		9.22	2.35	2.74				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (RIVERPORT)	OWENSBORO KY 42301							
06-15-39	52384	6.47	16.10	39.83		102	CM	Bulk
08-22-30	52381	9.75	23.94	30.47		104	CM	Bulk
08-22-30	52387	9.39	23.46	30.72		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (RIVERPORT)		OWENSBORO KY 42301						
09-19-29	52383+	9.63	20.81	28.74		102	CM	Bulk
09-19-30	52382+	9.01	20.14	30.18		102	CM	Bulk
09-23-29	52380	9.29	23.91	29.90		102	CM	Bulk
09-23-30	52378	9.47	23.60	28.99		100	CM	Bulk
09-23-30	52379	9.60	24.14	29.70		102	CM	Bulk
09-23-30	52386	9.56	23.01	31.69		104	CM	Bulk
18-14-22	52385+	18.81	15.40	21.49		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.92	104.35	99.78				
ALL SAMPLES,CV %		2.59	2.47	2.98				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (RUSSEL)		RUSSELLVILLE KY 42276						
08-26-20	52066+	5.65 *	18.86 *	21.85		85 *	CM	Bulk
08-26-20	52067+	5.20 *	17.77 *	21.67		81 *	CM	Bulk
08-26-20	52068+	6.12 *	21.34 *	21.46		89 *	CM	Bulk
10-19-24	50278+	10.63	18.73	26.27		101	CM	Bulk
10-19-24	50279+	11.45	20.16	25.10		104	CM	Bulk
10-25-26	50136	10.29	26.56	27.34		103	CM	Bulk
10-25-26	50144	10.82	27.25	25.95		103	CM	Bulk
10-25-26	50145	10.21	25.65	27.94		103	CM	Bulk
10-25-26	50146	9.82	26.55	26.96		101	CM	Bulk
10-25-26	50147	11.01	27.00	26.68		104	CM	Bulk
Statistical Analysis for Grade : 10-25-26								
Number of Samples This Grade : 5								
Average Analysis :		10.43	26.60	26.97		102.9		
CV, %		4.62	2.29	2.75				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		93.76	94.15	103.75				
ALL SAMPLES,CV %		17.72	16.48	3.79				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 30.00 %								
<hr/>								
CROP PRODUCTION SVC (SAC)		SACRAMENTO KY 42372						
04-12-16	50449	5.52	13.12	16.97		107	CM	Bulk
04-12-16	50450	5.48	12.16	16.33		103	CM	Bulk
05-13-16	50451	5.76	13.08	16.22		101	CM	Bulk
06-15-20	50452	6.40	15.65	20.26		101	CM	Bulk
06-15-20	50453	6.14	14.84	21.49		102	CM	Bulk
06-15-20	50454	6.39	15.05	21.69		103	CM	Bulk
16-11-30	51594	15.02	11.18	31.87		101	CM	Bulk
19-19-19	51591	19.71	18.36	21.09		102	CM	Bulk
19-19-19	51592	20.67	20.26	19.13		104	CM	Bulk
19-19-19	51593	19.98	19.65	19.18		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (SAC) SACRAMENTO KY 42372								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.75	100.17	102.50				
ALL SAMPLES,CV %		6.11	3.73	4.28				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
CROP PRODUCTION SVC (SCHOC) RUSSELLVILLE KY 42276								
07-13-14	50400+	7.46	13.25	14.44		101	CM	Bulk
07-13-14	50401+	7.52	13.45	14.59		102	CM	Bulk
07-13-14	50402+	7.48	13.10	15.21		102	CM	Bulk
<hr/>								
CROP PRODUCTION SVC (SED) SEDALIA KY 42079								
08-22-29	50368	9.16	22.99	29.98		101	CM	Bulk
08-22-29	50369	9.35	23.25	29.62		101	CM	Bulk
08-22-29	50370	9.30	23.56	29.54		101	CM	Bulk
08-22-29	50371	9.79	24.55	28.13 *		102	CM	Bulk
08-22-29	50372	9.22	23.35	30.29		102	CM	Bulk
Statistical Analysis for Grade : 08-22-29								
Number of Samples This Grade : 5								
Average Analysis :		9.36	23.54	29.51		101.3		
CV, %		2.66	2.55	2.81				
09-23-30	50248	8.76	23.62	30.72		101	CM	Bulk
09-23-30	50249	9.04	24.30	29.77		102	CM	Bulk
09-23-30	50250	8.70	22.86	31.13		101	CM	Bulk
09-23-30	50251	8.93	23.32	30.70		101	CM	Bulk
32-00-00	51164+	32.44	0.00	0.00		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.54	102.60	100.26				
ALL SAMPLES,CV %		3.62	2.4	2.78				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 10.00 %								
<hr/>								
CROP PRODUCTION SVC (SHEL) SHELBYVILLE KY 40066								
00-00-16	52431	0.00	0.00	16.62		102	CM	Bulk
00-00-57	52424+	0.00	0.00	57.81		101	CM	Bulk
04-11-29	52451+	4.98	11.81	29.88		103	CM	Bulk
05-10-15	52311	5.18	9.17	14.90		98	Blend	Bag
07-19-35	52425	7.43	19.23	36.41		102	CM	Bulk
09-02-02	52453+	9.91	3.43	3.08		105	CM	Bulk
09-23-30	52433	8.50	21.90	32.56		101	CM	Bulk
14-13-25	52427	13.87	13.18	26.25		101	CM	Bulk
28-00-00	52452+	27.98	0.00	0.00		99	CM	Bulk
29-08-14	52430	28.80	8.41	15.82		100	CM	Bulk
30-05-14	52426	30.37	5.54	15.59		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC (SHEL) SHELBYVILLE KY 40066								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.60	100.55	104.27				
ALL SAMPLES,CV %		4.28	9.45	3.21				
NUMBER OF ANALYSIS		9	8	10				
Deficiency Rate =	0.00 %							
<hr/>								
CROP PRODUCTION SVC (UPT) UPTON KY 42784								
12-05-37	51204+	12.72	5.57	39.49		104	CM	Bulk
15-10-28	51203+	15.03	10.62	31.21		102	CM	Bulk
19-19-19	51202	18.49	20.01	19.95		101	CM	Bulk
19-19-19	51206	18.98	19.57	19.64		100	CM	Bulk
19-19-19	51207	19.57	19.40	19.78		101	CM	Bulk
19-19-19	51210	18.08	19.10	21.18		100	CM	Bulk
19-26-13	51214	19.64	26.15	14.07		101	CM	Bulk
25-15-15	51205	25.07	15.59	15.68		101	CM	Bulk
26-00-25	51209	27.05	0.00	25.45		101	CM	Bulk
28-12-12	51208	28.18	12.31	13.73		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.07	101.63	105.31				
ALL SAMPLES,CV %		2.59	4.08	3.3				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate =	0.00 %							
<hr/>								
CROP PRODUCTION SVC (WAV) WAVERLY KY 42462								
05-18-31	51347+	5.56	19.14	32.10		101	CM	Bulk
05-18-31	51348+	5.30	18.32	33.44		101	CM	Bulk
05-18-31	51430+	5.29	18.13	33.42		101	CM	Bulk
05-18-31	51431+	5.41	17.74	33.76		101	CM	Bulk
07-24-24	51349+	7.08	24.03	24.47		101	CM	Bulk
07-24-24	51350+	6.91	23.74	24.47		100	CM	Bulk
07-24-24	51432+	6.77	22.94	25.83		100	CM	Bulk
08-26-19	51345+	7.80	26.29	21.26		101	CM	Bulk
08-26-19	51346+	7.81	26.77	20.37		100	CM	Bulk
08-26-20	51433+	7.77	26.17	21.40		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.61	98.56	104.24				
ALL SAMPLES,CV %		1.8	2.27	2.39				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate =	0.00 %							
<hr/>								
CROP PRODUCTION SVC INC GREELEY CO 80632								
00-00-00	50769+	0.00	0.00	0.00			Mat	Bulk
00-00-00	51147+	0.00	0.00	0.00			Mat	Bulk
00-00-22	50618+	0.00	0.00	21.98		100	Mat	Bulk
00-00-22	51008+	0.00	0.00	22.18		101	Mat	Bulk
00-00-22	51142+	0.00	0.00	23.07		105	Mat	Bulk
00-00-50	50601	0.00	0.00	51.96		104	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC INC	GREELEY CO 80632							
00-00-50	50617	0.00	0.00	51.80		104	Mat	Bulk
00-00-50	50712	0.00	0.00	50.60		101	Mat	Bulk
00-00-50	51005	0.00	0.00	51.76		104	Mat	Bulk
00-00-50	51141	0.00	0.00	43.83 *		88 *	Mat	Bulk
00-00-50	51145	0.00	0.00	51.54		103	Mat	Bulk
00-00-50	51146	0.00	0.00	51.07		102	Mat	Bulk
00-00-50	51156	0.00	0.00	49.32		99	Mat	Bulk
00-00-50	51410	0.00	0.00	50.07		100	Mat	Bulk
00-00-50	51588	0.00	0.00	51.36		103	Mat	Bulk
00-00-50	52001	0.00	0.00	50.65		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 11								
Average Analysis :		0.00	0.00	50.36		100.7		
CV, %		0	0	4.59				
00-00-60	50035	0.00	0.00	61.00		102	Mat	Bulk
00-00-60	50038	0.00	0.00	61.11		102	Mat	Bulk
00-00-60	50054	0.00	0.00	60.93		102	Mat	Bulk
00-00-60	50088	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	50089	0.00	0.00	59.97		100	Mat	Bulk
00-00-60	50106	0.00	0.00	60.69		101	Mat	Bulk
00-00-60	50115	0.00	0.00	60.01		100	Mat	Bulk
00-00-60	50117	0.00	0.00	61.31		102	Mat	Bulk
00-00-60	50149	0.00	0.00	61.05		102	Mat	Bulk
00-00-60	50196	0.00	0.00	60.55		101	Mat	Bulk
00-00-60	50199	0.00	0.00	60.56		101	Mat	Bulk
00-00-60	50233	0.00	0.00	59.67		99	Mat	Bulk
00-00-60	50234	0.00	0.00	60.70		101	Mat	Bulk
00-00-60	50299	0.00	0.00	61.61		103	Mat	Bulk
00-00-60	50300	0.00	0.00	60.74		101	Mat	Bulk
00-00-60	50304	0.00	0.00	60.48		101	Mat	Bulk
00-00-60	50312	0.00	0.00	60.79		101	Mat	Bulk
00-00-60	50324	0.00	0.00	60.40		101	Mat	Bulk
00-00-60	50325	0.00	0.00	60.12		100	Mat	Bulk
00-00-60	50338	0.00	0.00	58.59 *		98	Mat	Bulk
00-00-60	50530	0.00	0.00	61.05		102	Mat	Bulk
00-00-60	50531	0.00	0.00	59.29		99	Mat	Bulk
00-00-60	50550	0.00	0.00	60.74		101	Mat	Bulk
00-00-60	50605	0.00	0.00	61.64		103	Mat	Bulk
00-00-60	50607	0.00	0.00	61.68		103	Mat	Bulk
00-00-60	50614	0.00	0.00	59.52		99	Mat	Bulk
00-00-60	50616	0.00	0.00	63.10		105	Mat	Bulk
00-00-60	50709	0.00	0.00	61.58		103	Mat	Bulk
00-00-60	50717	0.00	0.00	61.96		103	Mat	Bulk
00-00-60	50732	0.00	0.00	61.89		103	Mat	Bulk
00-00-60	50770	0.00	0.00	61.43		102	Mat	Bulk
00-00-60	50771	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	50787	0.00	0.00	63.23		105	Mat	Bulk
00-00-60	50788	0.00	0.00	61.92		103	Mat	Bulk
00-00-60	50824	0.00	0.00	60.23		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC INC	GREELEY CO 80632							
00-00-60	50931	0.00	0.00	61.48		102	Mat	Bulk
00-00-60	50938	0.00	0.00	60.86		101	Mat	Bulk
00-00-60	50939	0.00	0.00	60.78		101	Mat	Bulk
00-00-60	51002	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	51006	0.00	0.00	60.39		101	Mat	Bulk
00-00-60	51143	0.00	0.00	60.56		101	Mat	Bulk
00-00-60	51157	0.00	0.00	61.11		102	Mat	Bulk
00-00-60	51408	0.00	0.00	61.41		102	Mat	Bulk
00-00-60	51409	0.00	0.00	60.87		101	Mat	Bulk
00-00-60	51459	0.00	0.00	60.73		101	Mat	Bulk
00-00-60	51490	0.00	0.00	59.91		100	Mat	Bulk
00-00-60	51495	0.00	0.00	59.83		100	Mat	Bulk
00-00-60	51586	0.00	0.00	60.56		101	Mat	Bulk
00-00-60	51589	0.00	0.00	60.62		101	Mat	Bulk
00-00-60	51651	0.00	0.00	60.95		102	Mat	Bulk
00-00-60	51656	0.00	0.00	61.78		103	Mat	Bulk
00-00-60	51997	0.00	0.00	61.15		102	Mat	Bulk
00-00-60	52432	0.00	0.00	61.02		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 53								
Average Analysis :		0.00	0.00	60.86		101.4		
CV, %		0	0	1.35				
00-46-00	50313	0.00	45.79	0.00		100	Mat	Bulk
00-46-00	50314	0.00	45.80	0.00		100	Mat	Bulk
00-46-00	50333	0.00	46.19	0.00		100	Mat	Bulk
00-46-00	50337	0.00	45.14	0.00		98	Mat	Bulk
00-46-00	51496	0.00	45.19	0.00		98	Mat	Bulk
00-46-00	52429	0.00	46.86	0.00		102	Mat	Bulk
Statistical Analysis for Grade : 00-46-00								
Number of Samples This Grade : 6								
Average Analysis :		0.00	45.83	0.00		99.6		
CV, %		0	1.41	0				
05-15-30	50532+	5.42	15.20	29.97		101	Mat	Bulk
11-52-00	50087	13.37	52.20	0.00		106	Mat	Bulk
12-40-00	50116+	12.59	40.44	0.00		102	Mat	Bulk
12-40-00	50151+	12.27	41.91	0.00		104	Mat	Bulk
12-40-00	50298+	11.37	39.74	0.00		98	Mat	Bulk
12-40-00	50305+	11.66	40.04	0.00		99	Mat	Bulk
12-40-00	50827+	11.70	40.06	0.00		99	Mat	Bulk
12-40-00	50932+	11.46	39.49	0.00		98	Mat	Bulk
12-40-00	50937+	11.58	40.12	0.00		99	Mat	Bulk
12-40-00	51652+	11.73	40.78	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 12-40-00								
Number of Samples This Grade : 8								
Average Analysis :		11.80	40.32	0.00		100.1		
CV, %		3.55	1.87	0				
18-46-00	50036	17.54	46.26	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC GREELEY CO 80632								
18-46-00	50037	17.66	46.58	0.00		100	Mat	Bulk
18-46-00	50053	17.74	46.38	0.00		100	Mat	Bulk
18-46-00	50105	17.98	46.71	0.00		101	Mat	Bulk
18-46-00	50113	17.96	46.55	0.00		101	Mat	Bulk
18-46-00	50114	18.06	46.29	0.00		101	Mat	Bulk
18-46-00	50150	18.09	46.44	0.00		101	Mat	Bulk
18-46-00	50197	17.86	46.14	0.00		100	Mat	Bulk
18-46-00	50198	17.85	46.87	0.00		101	Mat	Bulk
18-46-00	50232	17.82	46.71	0.00		101	Mat	Bulk
18-46-00	50301	17.73	45.52	0.00		99	Mat	Bulk
18-46-00	50323	17.69	45.75	0.00		99	Mat	Bulk
18-46-00	50529	18.00	46.25	0.00		100	Mat	Bulk
18-46-00	50551	17.77	45.94	0.00		99	Mat	Bulk
18-46-00	50603	17.63	42.60 *	0.00		94 *	Mat	Bulk
18-46-00	50604	17.66	46.16	0.00		100	Mat	Bulk
18-46-00	50615	17.71	45.88	0.00		99	Mat	Bulk
18-46-00	50710	18.12	46.20	0.00		101	Mat	Bulk
18-46-00	50715	18.44	46.43	0.00		101	Mat	Bulk
18-46-00	50716	17.69	46.16	0.00		100	Mat	Bulk
18-46-00	50736	17.34	45.81	0.00		98	Mat	Bulk
18-46-00	50767	17.43	45.69	0.00		98	Mat	Bulk
18-46-00	50768	17.92	45.71	0.00		99	Mat	Bulk
18-46-00	50789	17.61	45.11	0.00		98	Mat	Bulk
18-46-00	50790	18.01	45.16	0.00		99	Mat	Bulk
18-46-00	50825	18.44	46.32	0.00		101	Mat	Bulk
18-46-00	50930	17.59	45.53	0.00		99	Mat	Bulk
18-46-00	50940	17.79	46.06	0.00		100	Mat	Bulk
18-46-00	51003	17.36	45.43	0.00		98	Mat	Bulk
18-46-00	51004	17.58	45.75	0.00		99	Mat	Bulk
18-46-00	51139	17.69	45.10	0.00		98	Mat	Bulk
18-46-00	51140	17.59	45.35	0.00		98	Mat	Bulk
18-46-00	51158	17.81	45.11	0.00		98	Mat	Bulk
18-46-00	51407	17.61	45.71	0.00		99	Mat	Bulk
18-46-00	51458	17.74	45.78	0.00		99	Mat	Bulk
18-46-00	51492	17.87	45.21	0.00		99	Mat	Bulk
18-46-00	51493	17.97	45.43	0.00		99	Mat	Bulk
18-46-00	51587	17.69	46.14	0.00		100	Mat	Bulk
18-46-00	51590	18.17	45.60	0.00		100	Mat	Bulk
18-46-00	51654	17.81	46.02	0.00		100	Mat	Bulk
18-46-00	51655	18.00	45.87	0.00		100	Mat	Bulk
18-46-00	51999	17.33	45.53	0.00		98	Mat	Bulk
18-46-00	52000	18.10	46.18	0.00		100	Mat	Bulk
18-46-00	52280	17.88	45.97	0.00		100	Mat	Bulk
18-46-00	52428	17.48	46.01	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 45								
Average Analysis :		17.80	45.85	0.00		99.4		
CV, %		1.42	1.48	0				
20-00-00	50609+	20.51	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC INC	GREELEY CO 80632							
20-00-00	50619+	20.38	0.00	0.00		102	Mat	Bulk
20-00-00	50785+	20.49	0.00	0.00		100	Mat	Bulk
20-00-00	50786+	20.23	0.00	0.00		99	Mat	Bulk
21-00-00	50236+	20.49	0.00	0.00		98	Mat	Bulk
21-00-00	50535+	20.64	0.00	0.00		98	Mat	Bulk
21-00-00	51148+	20.63	0.00	0.00		98	Mat	Bulk
26-00-00	51287+	25.94	0.00	0.00		100	Blend	Liq
32-00-00	51162	31.69	0.00	0.00		99	Mat	Liq
32-00-00	51165	32.17	0.00	0.00		101	Mat	Liq
43-00-00	51144+	42.74	0.00	0.00		99	Mat	Bulk
44-00-00	50533+	44.85	0.00	0.00		102	Mat	Bulk
44-00-00	50606+	44.12	0.00	0.00		100	Mat	Bulk
44-00-00	50620+	44.79	0.00	0.00		102	Mat	Bulk
44-00-00	50718+	44.50	0.00	0.00		101	Mat	Bulk
44-00-00	50734+	44.04	0.00	0.00		100	Mat	Bulk
44-00-00	50774+	44.17	0.00	0.00		100	Mat	Bulk
44-00-00	50826+	44.59	0.00	0.00		101	Mat	Bulk
44-00-00	50929+	44.14	0.00	0.00		100	Mat	Bulk
44-00-00	50936+	44.58	0.00	0.00		101	Mat	Bulk
44-00-00	51159+	44.84	0.00	0.00		102	Mat	Bulk
44-00-00	51411+	44.61	0.00	0.00		101	Mat	Bulk
44-00-00	51489+	44.44	0.00	0.00		101	Mat	Bulk
44-00-00	51494+	45.01	0.00	0.00		102	Mat	Bulk
44-00-00	51653+	45.67	0.00	0.00		104	Mat	Bulk
Statistical Analysis for Grade : 44-00-00								
Number of Samples This Grade : 14								
Average Analysis :		44.60	0.00	0.00		101.4		
CV, %		0.97	0	0				
46-00-00	50200	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50534	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	50552	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50602	45.76	0.00	0.00		99	Mat	Bulk
46-00-00	50608	45.82	0.00	0.00		100	Mat	Bulk
46-00-00	50708	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	50711	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	50713	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	50714	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	50733	45.79	0.00	0.00		100	Mat	Bulk
46-00-00	50735	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	50772	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	50773	45.77	0.00	0.00		100	Mat	Bulk
46-00-00	50791	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	50792	45.43	0.00	0.00		99	Mat	Bulk
46-00-00	50793	45.51	0.00	0.00		99	Mat	Bulk
46-00-00	51007	45.93	0.00	0.00		100	Mat	Bulk
46-00-00	51230	45.70	0.00	0.00		99	Mat	Bulk
46-00-00	51406	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51491	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51650	46.15	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
CROP PRODUCTION SVC INC	GREELEY CO	80632						
46-00-00	51998	46.18	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade :	22							
Average Analysis :	45.95		0.00	0.00		99.9		
CV, %	0.48		0	0				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR	99.75		99.86	101.32				
ALL SAMPLES,CV %	2.9		1.54	2.2				
NUMBER OF ANALYSIS	102		61	68				
Deficiency Rate = 2.26 %								
<hr/>								
DARLING INTL-GRIFFIN INDUSTRIES LLC	COLD SPRING KY	41076-1821						
05-06-05	52542+	6.61	5.67	6.04		116	Mnfr	Bag
05-06-06	50480+	5.87	6.24	6.59		111	Mnfr	Bag
05-06-06	52543+	5.79	4.67 *	7.25		105	Mnfr	Bag
07-12-00	50487+	6.83	11.04 *	0.00		95 *	Mnfr	Bulk
08-03-05	50479+	7.81	3.48	5.31		103	Mnfr	Bag
08-03-05	52544+	7.65	3.89	4.99		102	Mnfr	Bag
08-05-05	50482+	9.73	4.18 *	6.25		114	Mnfr	Bag
08-05-05	52545+	7.85	6.63	5.87		111	Mnfr	Bag
09-00-09	50489+	9.91	0.00	7.13 *		97	Mnfr	Bag
09-00-09	52546+	9.15	0.00	9.45		103	Mnfr	Bag
10-00-08	50490+	9.85	0.00	8.14		100	Mnfr	Bag
10-00-08	52547+	10.27	0.00	5.89 *		91 *	Mnfr	Bag
10-02-08	50481+	9.87	2.14	9.38		105	Mnfr	Bag
10-02-08	52548+	9.19	2.36	9.21		102	Mnfr	Bag
12-00-06	52549+	10.94 *	0.00	6.41		96 *	Mnfr	Bag
12-02-06	50484+	10.98	3.46	4.90 *		95 *	Mnfr	Bag
12-02-06	52550+	11.39	3.30	5.91		102	Mnfr	Bag
13-00-00	50483+	13.35	0.00	0.00		103	Mnfr	Bag
13-00-00	52551+	13.02	0.00	0.00		100	Mnfr	Bag
18-00-04	50488+	19.46	0.00	3.95		107	Mnfr	Bag
18-00-04	52552+	21.06	0.00	2.79 *		110	Mnfr	Bag
21-03-07	50486+	20.32	4.58	5.12 *		97 *	Mnfr	Bag
21-03-07	52553+	22.23	4.82	6.82		109	Mnfr	Bag
27-00-02	50485+	27.00	0.00	2.26		101	Mnfr	Bag
27-00-02	52554+	24.57 *	0.00	5.03		100	Mnfr	Bag
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR	103.14		121.88	108.28				
ALL SAMPLES,CV %	10.26		25.7	33.28				
NUMBER OF ANALYSIS	25		14	22				
Deficiency Rate = 40.00 %								
<hr/>								
DELTAG GREENVILLE MS	38704							
00-00-00	50907+	0.00	0.00	0.00			Blend	Bag
00-00-00	50908+	0.00	0.00	0.00			Blend	Bag
03-17-00	52541+	2.83	16.80	0.00		98	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
DELTAG	GREENVILLE MS 38704							
<hr/>								
DR. EARTH INC	WINTERS CA 95694							
13-00-00	50066+	14.31	0.00	0.00		110	Mnfr	Bag
<hr/>								
DRAKES FARM SVC.	MORGANTOWN KY 42261-0308							
03-08-48	51977	3.56	8.67	50.24		103	CM	Bulk
07-19-35	51976	7.34	18.78	36.38		101	CM	Bulk
08-21-32	51970	8.45	20.50	33.05		100	CM	Bulk
08-21-32	51971	8.26	21.30	31.91		99	CM	Bulk
08-21-32	51972	8.22	21.16	31.83		99	CM	Bulk
21-15-19	51968	22.44	15.09	20.61		103	CM	Bulk
21-15-19	51969	21.53	14.53	20.84		101	CM	Bulk
21-15-19	51973	21.83	15.55	20.57		102	CM	Bulk
21-15-19	51974	22.04	15.08	20.30		102	CM	Bulk
26-00-26	51975	25.52	0.00	27.97		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.23	99.30	103.55				
ALL SAMPLES,CV %		2.51	2.29	2.58				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
<hr/>								
DREXEL CHEMICAL CO.	MEMPHIS TN 38113-0327							
00-00-00	52689+	0.00	0.00	0.00			Mat	Bag
<hr/>								
DYSART CORPORATION	CANAL WINCHESTER OH 43110							
03-03-03	50064+	5.13	4.17	4.60		157	Blend	Bag
04-06-06	51289+	5.37	6.17	5.63		109	Mnfr	Bag
08-18-18	51770+	10.70	22.62	17.58		116	Mnfr	Bag
12-10-10	51826+	14.16	9.91	12.60		115	Mnfr	Bag
15-10-09	51771+	15.06	13.76	8.53		109	Mnfr	Bag
15-10-09	51825+	15.28	11.94	8.55		105	Mnfr	Bag
<hr/>								
EARTHWORM CASTINGS UNLIMITED LLC	WATERFORD MI 48328							
01-00-00	52638+	1.35	0.00	0.00		108	Mnfr	Bag
<hr/>								
EASY GARDNER	WACO TX 76702-1025							
02-14-00	51639+	3.48	15.88	0.00		123	Mnfr	Bag
03-10-10	51820+	3.98	9.36	13.96		120	Mnfr	Bag
04-04-04	50060+	4.01	5.23	5.92		123	Mnfr	Bag
04-04-04	51560+	3.59 *	4.51	4.42		103	Mnfr	Bag
08-08-08	50783+	11.67	7.49	7.40		114	Mnfr	Bag
08-08-08	51821+	9.43	8.67	7.37		107	Mnfr	Bag
09-12-09	50782	13.02	15.95	13.89		143	Mnfr	Bag
09-12-09	51824	12.08	16.48	12.92		138	Mnfr	Bag
10-05-08	51822+	9.83	4.92	8.94		103	Mnfr	Bag
10-08-04	51823+	11.10	9.38	3.74		110	Mnfr	Bag
12-00-00	51638+	15.42	0.00	0.00		128	Mnfr	Bag
16-04-04	51691	17.14	5.11	4.83		112	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
EASY GARDNER WACO TX 76702-1025								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		123.68	115.10	120.66				
ALL SAMPLES,CV %		19.64	13.67	20.09				
NUMBER OF ANALYSIS		12	11	10				
Deficiency Rate =	8.33 %							
<hr/>								
EAU CLAIRE CO-OP OIL CO. EAU CLAIRE WI 54702								
10-10-10	51827	8.41 *	8.10 *	10.83		91 *	Blend	Bag
15-23-10	50069+	15.56	22.99	10.13		102	Blend	Bag
15-23-10	51828+	14.53	22.31	10.49		98	Blend	Bag
20-00-09	50068+	22.43	0.00	10.14		112	Blend	Bag
22-00-10	50070+	23.07	0.00	10.72		105	Blend	Bag
28-00-03	51829+	27.08	0.00	3.26		98	Blend	Bag
<hr/>								
ESPOMA CO. MILLVILLE NJ 08332								
00-45-00	51288	0.00	42.50 *	0.00		94 *	Mnfr	Bag
03-04-04	50031+	4.12	5.25	4.40		126	Blend	Bag
04-03-04	51526+	4.42	4.05	4.33		116	Mnfr	Bag
<hr/>								
FARM AG SALES DBA C&F FARM SUPPLY HISEVILLE KY 42152								
05-14-39	50987+	5.64	14.04	41.13		101	CM	Bulk
05-14-39	50989+	5.72	14.16	40.82		101	CM	Bulk
05-14-39	50990+	5.36	13.95	40.65		99	CM	Bulk
06-15-38	50985+	6.09	15.48	39.40		101	CM	Bulk
10-10-10	50984	10.05	10.24	10.82		95 *	CM	Bulk
18-18-18	50983	18.43	19.88	19.00		102	CM	Bulk
19-19-19	50991	18.32	19.56	20.72		100	CM	Bulk
26-10-14	50986+	25.64	10.71	16.24		100	CM	Bulk
26-10-14	50992+	25.91	10.86	15.27		99	CM	Bulk
30-00-00	50988	30.85	0.00	0.00		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.14	98.62	104.19				
ALL SAMPLES,CV %		2.97	3.64	4.18				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate =	10.00 %							
<hr/>								
FARMERS FERTILIZER CO. BOWLING GREEN KY 42102								
19-19-19	51197	19.20	18.71	20.75		101	CM	Bulk
19-19-19	51200	20.55	19.71	19.29		103	CM	Bulk
19-19-19	51352	19.86	18.73	20.22		101	CM	Bulk
19-19-19	51353	19.36	20.08	19.90		102	CM	Bulk
19-19-19	51354	19.87	19.91	19.27		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.77	19.43	19.89		101.7		
CV, %		2.68	3.39	3.17				
22-06-25	51198	21.80	6.80	27.21		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
FARMERS FERTILIZER CO.	BOWLING GREEN KY 42102							
22-10-21	51196	22.26	9.83	23.88		101	CM	Bulk
23-00-30	51199	22.32	0.00	31.75		101	CM	Bulk
31-10-10	51351	30.97	10.56	11.21		100	CM	Bulk
34-07-09	51355	33.47	7.63	10.33		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.50	98.82	106.72				
ALL SAMPLES,CV %		2.69	3.93	3.7				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
<hr/>								
FARMERS FERTILIZER CO.(KELLY RD)	BOWLING GREEN KY 42101							
13-13-13	51188	13.08	13.41	13.73		98	CM	Bulk
18-18-17	51190	17.76	18.15	19.66		103	CM	Bulk
19-19-19	51186	18.40	21.57	19.41		101	CM	Bulk
19-19-19	51191	18.68	19.02	21.22		101	CM	Bulk
20-00-32	51192	20.97	0.00	33.54		102	CM	Bulk
20-00-32	51194	19.81	0.00	35.89		103	CM	Bulk
20-16-21	51189	18.80	15.63	22.76		99	CM	Bulk
22-14-18	51193	22.12	13.50	21.59		102	CM	Bulk
25-18-12	51187	23.90	18.54	13.77		100	CM	Bulk
32-23-00	51195	32.04	22.94	0.00		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.26	99.66	108.00				
ALL SAMPLES,CV %		2.51	4.97	4.48				
NUMBER OF ANALYSIS		10	8	9				
Deficiency Rate = 0.00 %								
<hr/>								
FARMERS FERTILIZER CO.(NASH. RD)	BOWLING GREEN KY 42101							
15-11-30	51365	15.16	10.81	31.63		100	CM	Bulk
19-19-19	51356	20.45	17.17 *	19.32		99	CM	Bulk
19-19-19	51364	18.85	19.22	20.09		100	CM	Bulk
19-19-19	51366	19.85	17.77 *	20.00		100	CM	Bulk
23-16-16	51367	22.72	17.22	17.73		102	CM	Bulk
25-18-12	51357	24.57	18.30	13.61		100	CM	Bulk
25-18-12	51362	25.65	17.90	12.34		100	CM	Bulk
27-13-13	51358	26.46	12.73	15.44		100	CM	Bulk
27-13-13	51368	27.64	12.35 *	15.22		101	CM	Bulk
31-10-10	51363	32.27	10.04	10.49		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.68	95.16	105.90				
ALL SAMPLES,CV %		2.88	5.11	4.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 30.00 %								
<hr/>								
FERTRELL	BAINBRIDGE PA 17502							
02-01-01	52705+	2.34	2.36	0.94		137	Mnfr	Liq
04-02-04	52706+	3.47 *	3.08	3.91		102	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
FERTRELL	BAINBRIDGE PA 17502							
FLEMING CO FARM SUPP.	FLEMINGSBURG KY 41041							
00-00-51	50830	0.00	0.00	50.72		99	Mat	Bulk
00-00-51	50839	0.00	0.00	50.43		99	Mat	Bulk
00-00-51	52358	0.00	0.00	50.52		99	Mat	Bulk
00-00-61	50831	0.00	0.00	61.19		100	Mat	Bulk
00-00-61	52183	0.00	0.00	59.77		98	Mat	Bulk
09-09-09	52179	10.14	10.33	10.18		106	CM	Bulk
11-11-11	52175	12.20	12.55	11.64		103	CM	Bulk
11-52-00	50834	11.16	51.81	0.00		100	Mat	Bulk
15-06-09	52236	14.83	7.09	10.59		102	CM	Bulk
18-46-00	50833	17.94	45.94	0.00		100	Mat	Bulk
18-46-00	52181	18.40	46.88	0.00		102	Mat	Bulk
18-46-00	52359	17.74	46.38	0.00		100	Mat	Bulk
19-19-19	52043	19.53	19.36	20.03		101	CM	Bulk
19-19-19	52171	19.45	19.31	20.67		102	CM	Bulk
19-19-19	52172	19.63	21.10	19.02		102	CM	Bulk
19-19-19	52173	19.53	19.65	20.04		101	CM	Bulk
19-19-19	52174	19.64	20.11	19.17		101	CM	Bulk
19-19-19	52178	19.45	20.51	19.70		102	CM	Bulk
19-19-19	52180	19.84	20.21	18.97		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		19.58	20.04	19.66		101.4		
CV, %		0.7	3.24	3.24				
23-08-22	52177	23.42	8.81	23.16		101	CM	Bulk
28-06-06	52237	27.35	6.57	6.46		100	CM	Bulk
34-00-00	51375	34.11	0.00	0.00		102	Mat	Bulk
34-00-00	52504	33.68	0.00	0.00		99	Mat	Bulk
46-00-00	50832	45.54	0.00	0.00		99	Mat	Bulk
46-00-00	52182	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	52360	46.16	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.31	103.32	101.24				
ALL SAMPLES,CV %		1.94	3.11	3				
NUMBER OF ANALYSIS		21	16	17				
Deficiency Rate = 0.00 %								
<hr/>								
FOXFARM SOIL & FERTILIZER COMPANY	ARCATA CA 93518							
03-02-06	51291+	4.09	2.61	6.86		124	Mnfr	Liq
<hr/>								
GENERAL HYDROPONICS	SEBASTOPOL CA 95473							
07-04-10	52640+	7.55	4.66	10.53		108	Mnfr	Liq
<hr/>								
GREEN RIVER FEED MILL	MORGANTOWN KY 42261							
09-23-30	51981	8.39	21.87	32.75		101	CM	Bulk
12-17-30	51987	12.68	19.66	30.12		104	CM	Bulk
18-18-18	51985	16.98 *	19.96	20.56		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
GREEN RIVER FEED MILL	MORGANTOWN KY 42261							
19-19-19	51982	17.02 *	20.55	21.65		101	CM	Bulk
23-16-16	51984	23.51	19.26	14.94 *		102	CM	Bulk
24-15-15	51986	23.74	16.48	17.08		102	CM	Bulk
25-14-15	51978	25.78	15.30	15.49		102	CM	Bulk
25-14-15	51979	25.57	15.44	15.64		102	CM	Bulk
25-14-15	51980	24.04	13.98	17.68		100	CM	Bulk
25-14-15	51983	26.40	15.76	13.92 *		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.27	105.15	104.49				
ALL SAMPLES,CV %		5.47	5.8	7.43				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 40.00 %								
<hr/>								
GREENPOINT AG	HARDINSBURG KY 40143							
00-00-60	50259	0.00	0.00	59.01		98	Mat	Bulk
09-13-36	52405	9.35	13.87	37.86		102	CM	Bulk
10-26-26	52396	10.21	25.93	26.92		101	CM	Bulk
10-26-26	52399	9.98	25.67	27.31		101	CM	Bulk
10-26-26	52400	10.11	26.57	25.72		100	CM	Bulk
10-26-26	52401	10.07	25.70	26.55		100	CM	Bulk
18-46-00	50258	17.98	45.21	0.00		99	Mat	Bulk
19-19-19	52398	18.80	19.77	20.93		102	CM	Bulk
19-19-19	52402	17.90	20.25	21.15		101	CM	Bulk
19-19-19	52403	18.35	18.27	20.29		98	CM	Bulk
24-12-17	52404	24.39	12.93	18.99		102	CM	Bulk
30-10-11	52397	29.67	11.11	12.92		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.84	100.96	104.53				
ALL SAMPLES,CV %		2.55	3.81	3.75				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
<hr/>								
GREENRITE AG SUPPLY	SHELBYVILLE KY 40065							
00-00-60	52566	0.00	0.00	60.14		100	Mat	Bulk
09-23-30	52568	9.04	23.65	30.24		101	CM	Bulk
18-46-00	52567	17.75	46.43	0.00		100	Mat	Bulk
33-07-10	52569	33.38	7.91	10.51		101	CM	Bulk
<hr/>								
GREENSTAR PLANT PRODUCTS INC	LANGLEY, BC V1M 2Y2 CANADA							
00-50-30	52646	0.00	49.24	33.12		103	Mnfr	Bag
<hr/>								
GRO TEC INC.	MADISON GA 30650-1821							
04-10-10	51558+	5.20	13.62	11.35		126	Blend	Bag
06-10-10	51528	5.97	9.15	8.07 *		90 *	Blend	Bag
09-12-12	51011	9.53	10.05 *	10.69 *		93 *	Blend	Bag
09-12-12	51641	8.80	10.10 *	11.69		93 *	Blend	Bag
10-00-10	51009	9.12	0.00	8.32 *		88 *	Blend	Bag
10-00-10	51754	9.23	0.00	9.93		95 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
GRO TEC INC.	MADISON GA 30650-1821							
10-05-04	51719+	9.88	4.38	3.69		95	*	Mnfr Bag
10-05-04	52612+	11.13	4.97	3.65		105	Blend	Bag
10-10-10	52611+	12.23	9.97	10.09		109	Blend	Bag
10-10-10	52639	9.07 *	8.87 *	9.71		92	*	Blend Bag
12-00-06	51237	12.12	0.00	6.09		101	Blend	Bag
12-00-06	51529	11.43	0.00	5.91		96	*	Blend Bag
12-10-10	50030+	12.78	13.48	10.95		115	Blend	Bag
12-10-10	50063+	12.41	10.80	9.66		103	Blend	Bag
12-10-10	51559+	11.41	8.68 *	10.68		96	*	Mnfr Bag
13-00-13	51010	14.75	0.00	12.77		107	Blend	Bag
15-30-15	51690	15.55	29.92	16.13		103	Blend	Bag
15-30-15	52614	15.57	30.00	15.22		102	Blend	Bag
18-24-06	51557	18.14	23.67	6.10		100	Blend	Bag
18-24-06	51709	17.41	23.22	6.86		99	Blend	Bag
18-24-06	51710+	16.51 *	22.07 *	6.46		94	*	Blend Bag
18-24-06	51736	18.89	23.98	6.32		103	Blend	Bag
18-24-06	51767	16.94	21.63 *	5.26 *		92	*	Blend Bag
18-24-06	52613	17.67	22.89	6.01		97	Blend	Bag
Statistical Analysis for Grade : 18-24-06								
Number of Samples This Grade : 6								
Average Analysis :		17.59	22.91	6.17		97.3		
CV, %		4.85	3.98	8.71				
29-00-05	51718+	29.88	0.00	4.98		103	Blend	Bag
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.05	98.57	99.23				
ALL SAMPLES,CV %		9.27	14.71	8.63				
NUMBER OF ANALYSIS		25	19	25				
Deficiency Rate = 44.00 %								
<hr/>								
GROW MORE INC	GARDENA CA 90248							
17-08-22	50067+	18.34	8.87	23.76		108	Mnfr	Bag
<hr/>								
GROWMARK INC.	BLOOMINGTON IL 61702							
32-00-00	52694	31.70	0.00	0.00		99	Mat	Liq
<hr/>								
HANCOCK COUNTY FARM	HAWESVILLE KY 42348							
00-00-60	51927	0.00	0.00	61.60		103	Mat	Bulk
09-23-30	52473	9.67	22.86	30.80		102	CM	Bulk
09-23-30	52474	9.64	23.43	30.51		103	CM	Bulk
18-46-00	51925	18.00	46.93	0.00		101	Mat	Bulk
19-16-21	52461	19.08	16.38	23.65		102	CM	Bulk
19-16-21	52475	18.01	17.22	23.53		101	CM	Bulk
23-13-15	52460	23.60	13.71	15.67		101	CM	Bulk
31-09-12	52468	30.06	9.58	12.82		100	CM	Bulk
31-09-12	52469	30.25	9.01	12.84		99	CM	Bulk
31-09-12	52470	31.59	8.86	12.36		101	CM	Bulk
31-09-12	52471	31.14	8.73	12.50		100	CM	Bulk
31-09-12	52472	31.05	9.13	12.28		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
HANCOCK COUNTY FARM HAWESVILLE KY 42348								
Statistical Analysis for Grade : 31-09-12								
Number of Samples This Grade : 5								
Average Analysis :		30.82	9.06	12.56		99.9		
CV, %		2.09	3.6	2.06				
46-00-00	51926	46.14	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.20	99.65	104.66				
ALL SAMPLES,CV %		3.83	2.87	2.36				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate = 0.00 %								
<hr/>								
HELENA CHEMICAL - HAZEL HAZEL KY 42049								
07-17-38	51845	6.89	17.30	37.21		100	CM	Bulk
09-17-30	51846+	9.33	17.12	30.19		100	CM	Bulk
09-18-31	51844+	9.30	17.68	30.32		100	CM	Bulk
09-23-30	51282	8.84	22.31	30.84		100	CM	Bulk
09-23-30	51283	9.52	23.43	29.45		101	CM	Bulk
10-26-25	51284	10.11	25.60	26.22		99	CM	Bulk
17-11-28	51032	18.11	10.93	28.05		100	CM	Bulk
21-15-19	51033	22.08	14.70	20.50		101	CM	Bulk
<hr/>								
HELENA CHEMICAL COMPANY (COL) COLLIERVILLE TN 38017								
00-00-50	51034	0.00	0.00	51.64		103	Mat	Bulk
00-00-60	50465	0.00	0.00	58.98		98	Mat	Bulk
00-00-60	50468	0.00	0.00	59.59		99	Mat	Bulk
00-00-60	50539	0.00	0.00	61.29		120	Mat	Bulk
00-00-60	50545	0.00	0.00	60.45		101	Mat	Bulk
00-00-60	51576	0.00	0.00	60.73		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 5								
Average Analysis :		0.00	0.00	60.21		103.9		
CV, %		0	0	1.53				
08-24-04	51231	7.81	23.42	4.20		98	Blend	Liq
11-08-05	51556+	10.85	7.96	4.79		98	Blend	Liq
18-46-00	50467	17.65	45.41	0.00		98	Mat	Bulk
18-46-00	50541	17.80	46.14	0.00		100	Mat	Bulk
18-46-00	50547	17.82	45.68	0.00		99	Mat	Bulk
18-46-00	51575	17.72	46.76	0.00		101	Mat	Bulk
21-00-00	50466+	21.02	0.00	0.00		100	Mat	Bulk
21-00-00	50546+	21.40	0.00	0.00		102	Mat	Bulk
21-00-00	51578+	21.15	0.00	0.00		101	Mat	Bulk
32-00-00	52538	31.59	0.00	0.00		99	Mat	Liq
46-00-00	50540	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51577	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
HELENA CHEMICAL COMPANY (COL) COLLIERVILLE TN 38017								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.41	99.51	100.73				
ALL SAMPLES,CV %		1.29	1.39	2.89				
NUMBER OF ANALYSIS		12	6	8				
Deficiency Rate = 0.00 %								
<hr/>								
HELENA CHEMICAL COMPANY (HICK) HICKMAN KY 42050								
09-11-30	50461+	9.87	11.09	30.06		100	CM	Bulk
09-11-30	50462+	9.76	10.84	30.20		99	CM	Bulk
09-11-30	50463+	9.23	10.78	31.25		100	CM	Bulk
09-11-30	50464+	9.49	11.26	30.79		100	CM	Bulk
11-20-26	51572+	10.47	20.98	27.44		105	CM	Bulk
11-20-26	51573+	10.78	21.22	26.84		105	CM	Bulk
11-20-26	51574+	10.38	20.56	25.25		100	CM	Bulk
19-19-00	51570+	19.18	19.14	0.00		100	CM	Bulk
19-19-00	51571+	19.05	19.37	0.00		100	CM	Bulk
23-10-11	51569+	22.40	9.56	12.42		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.34	99.59	103.59				
ALL SAMPLES,CV %		2.01	5.29	4.13				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate = 0.00 %								
<hr/>								
HENRY FARMERS COOP MURRAY KY 42071								
00-00-60	50109	0.00	0.00	59.98		100	Mat	Bulk
00-00-60	50111	0.00	0.00	61.04		102	Mat	Bulk
04-12-15	50241	5.52	12.44	16.16		105	CM	Bulk
04-12-15	50414	5.25	12.31	16.99		106	CM	Bulk
05-13-34	50242	5.77	13.84	34.85		104	CM	Bulk
06-16-22	50395	7.14	17.20	22.54		103	CM	Bulk
08-21-32	51027	8.09	21.93	31.18		99	CM	Bulk
13-18-24	51026	13.27	17.77	25.35		100	CM	Bulk
16-15-20	51031	15.67	15.55	22.32		101	CM	Bulk
17-17-17	51028	15.82 *	18.19	19.67		100	CM	Bulk
17-17-17	51281	17.34	18.38	19.49		103	CM	Bulk
18-46-00	50110	18.07	46.36	0.00		101	Mat	Bulk
18-46-00	50112	17.99	46.41	0.00		101	Mat	Bulk
21-06-17	51030	21.99	6.35	18.03		103	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.31	101.40	104.41				
ALL SAMPLES,CV %		7.74	2.57	4.32				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 7.14 %								
<hr/>								
HENRY FARMERS COOP PARIS TN 38242								
00-00-60	50624	0.00	0.00	61.78		103	Mat	Bulk
00-00-60	51299	0.00	0.00	61.82		103	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
HENRY FARMERS COOP	PARIS TN 38242							
00-00-60	51300	0.00	0.00	61.14		102	Mat	Bulk
18-46-00	50623	17.84	45.77	0.00		99	Mat	Bulk
18-46-00	50626	17.55	46.12	0.00		99	Mat	Bulk
18-46-00	51301	17.52	45.46	0.00		98	Mat	Bulk
18-46-00	51302	17.64	45.86	0.00		99	Mat	Bulk
21-00-00	50622+	20.49	0.00	0.00		98	Mat	Bulk
28-00-00	50621+	28.03	0.00	0.00		100	Blend	Liq
33-00-00	50625	33.47	0.00	0.00		101	Mat	Bulk
46-00-00	51298	46.18	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.93	99.57	102.63				
ALL SAMPLES,CV %		1.58	0.59	0.62				
NUMBER OF ANALYSIS		8	4	3				
Deficiency Rate = 0.00 %								
<hr/>								
HENRY FARMERS COOPERATIVE	SALEM KY 42078							
08-21-32	52050	8.35	20.82	33.67		102	CM	Bulk
19-19-19	52052	18.42	19.49	20.70		100	CM	Bulk
23-26-08	52051	22.07	26.98	8.60		98	CM	Bulk
25-17-13	52053	21.65 *	16.29 *	15.98		95 *	CM	Bulk
<hr/>								
HILANDER FEED COMPANY	GEORGETOWN KY 40324							
00-00-50	52135	0.00	0.00	51.00		102	Mat	Bulk
33-00-00	52133	33.00	0.00	0.00		100	Mat	Bulk
46-00-00	52134	46.04	0.00	0.00		100	Mat	Bulk
<hr/>								
HOWARD JOHNSONS ENT., INC.	FRANKLIN WI 53132							
06-10-06	52313+	6.57	9.53	6.04		101	Blend	Bag
<hr/>								
INFINITY FERTILIZERS INC	MILAN IL 61264							
18-24-06	50062+	19.22	25.13	6.33		106	Blend	Bag
18-24-06	50097+	18.04	23.98	5.80		100	Blend	Bag
18-24-06	51392+	18.35	25.35	6.04		103	Blend	Bag
18-24-06	51735+	17.79	23.53	6.42		99	Blend	Bag
24-08-16	51637+	24.26	9.89	17.28		106	Mnfr	Bag
28-00-04	51564	29.26	0.00	4.43		105	Blend	Bag
30-00-03	51563	31.78	0.00	2.22 *		104	Blend	Bag
32-00-10	50098+	33.66	0.00	9.30		103	Blend	Bag
<hr/>								
INNViCTiS CROP CARE LLC	LOVELAND CO 80538							
08-24-06	52324+	7.03 *	22.63	4.22 *		89 *	Blend	Liq
12-09-06	52325+	12.70	10.02	6.67		108	Blend	Liq
<hr/>								
INSTA-GRO MANUFACTURING, INC.	CALEDONIA OH 43314							
08-00-00	51764+	8.16	0.00	0.00		102	Blend	Liq
09-18-09	51763+	8.51	16.88	9.58		97	Blend	Liq
<hr/>								
JANES FERTILIZER & FARM SUPPLY	COLUMBIA KY 42728							
00-00-60	50805	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	50806	0.00	0.00	60.90		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728								
03-08-48	50240	3.47	9.17	49.10		102	CM	Bulk
11-00-20	50474	11.43	0.00	21.22		103	CM	Bulk
11-29-20	52092	11.37	28.35	22.15		99	CM	Bulk
12-11-34	52089	11.58 *	12.12	35.08		100	CM	Bulk
12-11-34	52090	12.01	11.77	34.91		100	CM	Bulk
12-30-19	52091	11.75	29.50	20.11		98	CM	Bulk
13-11-32	52093	13.46	11.81	32.59		99	CM	Bulk
17-17-17	52088	17.73	17.63	17.63		99	CM	Bulk
18-46-00	50807	17.93	45.76	0.00		100	Mat	Bulk
18-46-00	50808	17.95	46.39	0.00		100	Mat	Bulk
30-00-00	52087+	29.46	0.00	0.00		98	CM	Bulk
30-00-00	52186+	29.70	0.00	0.00		99	CM	Bulk
34-00-00	50809	34.08	0.00	0.00		102	Mat	Bulk
46-00-00	50803	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	50804	45.96	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.26	101.29	102.12				
ALL SAMPLES,CV %		3.37	4.84	2.53				
NUMBER OF ANALYSIS		15	9	10				
Deficiency Rate = 5.88 %								
JIMMY SANDERS (BG) BOWLING GREEN KY 42104								
06-17-34	50207	7.14	18.59	34.59		102	CM	Bulk
08-22-29	50477	9.22	23.42	28.67		102	CM	Bulk
08-22-29	50478	9.10	23.50	28.18		101	CM	Bulk
10-27-21	50206	10.81	28.06	21.81		102	CM	Bulk
JIMMY SANDERS (HART) HARTFORD KY 42347								
00-00-60	50092	0.00	0.00	61.34		102	Mat	Bulk
00-00-60	50138	0.00	0.00	62.59		104	Mat	Bulk
00-00-60	50139	0.00	0.00	61.28		102	Mat	Bulk
00-00-60	50230	0.00	0.00	62.52		104	Mat	Bulk
00-00-60	50231	0.00	0.00	61.09		102	Mat	Bulk
00-00-60	50244	0.00	0.00	60.78		101	Mat	Bulk
00-00-60	50247	0.00	0.00	60.21		100	Mat	Bulk
00-00-60	50330	0.00	0.00	61.81		103	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 8								
Average Analysis :		0.00	0.00	61.45		102.4		
CV, %		0	0	1.34				
11-52-00	50137	11.53	52.53	0.00		102	Mat	Bulk
11-52-00	50329	11.11	52.21	0.00		101	Mat	Bulk
12-40-00	50331+	11.54	40.22	0.00		99	Mat	Bulk
18-46-00	50093	17.95	46.59	0.00		101	Mat	Bulk
18-46-00	50140	18.44	46.25	0.00		101	Mat	Bulk
18-46-00	50141	18.33	47.19	0.00		102	Mat	Bulk
18-46-00	50228	17.78	46.15	0.00		100	Mat	Bulk
18-46-00	50229	18.01	46.72	0.00		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
JIMMY SANDERS (HART)	HARTFORD KY 42347							
18-46-00	50243	17.71	46.78	0.00		100	Mat	Bulk
18-46-00	50245	17.64	46.71	0.00		100	Mat	Bulk
18-46-00	50246	17.95	47.07	0.00		101	Mat	Bulk
18-46-00	50328	17.98	45.59	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 9								
Average Analysis :		17.98	46.56	0.00		100.7		
CV, %		1.48	1.06	0				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.07	101.08	102.42				
ALL SAMPLES,CV %		2.26	0.95	1.34				
NUMBER OF ANALYSIS		12	12	8				
Deficiency Rate = 0.00 %								
<hr/>								
JIMMY SANDERS (MAY)	MAYFIELD KY 42066							
08-22-30	50434	8.25	21.85	30.86		98	CM	Bulk
08-22-30	50435	8.49	22.40	30.82		99	CM	Bulk
08-22-30	50436	8.18	21.61	31.96		99	CM	Bulk
<hr/>								
JIMMY SANDERS (MELB)	MELBER KY 42069							
07-20-26	50496+	8.04	20.61	26.13		101	CM	Bulk
08-22-29	50497	8.76	22.69	30.14		101	CM	Bulk
08-22-29	50498	9.07	22.22	30.44		102	CM	Bulk
<hr/>								
JIMMY SANDERS (RUSS)	RUSSELLVILLE KY 42276							
10-26-24	50280	10.38	27.60	25.96		102	CM	Bulk
10-26-24	50281	10.85	28.19	25.61		104	CM	Bulk
10-26-24	50282	10.63	27.29	26.14		103	CM	Bulk
11-29-21	50283	11.15	29.12	23.56		102	CM	Bulk
11-29-21	50284	11.10	29.54	23.12		102	CM	Bulk
11-29-21	50285	11.53	30.22	22.38		102	CM	Bulk
<hr/>								
JIMMY SANDERS (WING)	WINGO KY 42088							
09-23-30	50373	9.48	22.84	31.06		102	CM	Bulk
09-23-30	50374	9.60	23.16	30.49		102	CM	Bulk
09-23-30	50375	9.67	22.70	31.04		103	CM	Bulk
09-23-30	50376	9.36	23.03	30.90		102	CM	Bulk
09-23-30	50377	9.67	23.93	29.43		102	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		9.56	23.13	30.58		102.3		
CV, %		1.41	2.07	2.24				
<hr/>								
KEES FARM SERVICE & SUPPLY LLC	GRAYSON KY 41143							
00-00-60	51565	0.00	0.00	61.03		102	Mat	Bulk
06-06-06	52040	6.82	6.37	6.50		103	CM	Bulk
10-26-26	52036	10.47	26.01	26.64		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
KEES FARM SERVICE & SUPPLY LLC GRAYSON KY 41143								
18-46-00	51566	17.76	45.96	0.00		99	Mat	Bulk
19-19-19	52032	18.73	19.88	20.60		101	CM	Bulk
19-19-19	52033	18.76	18.42	19.89		98	CM	Bulk
19-19-19	52034	18.46	20.14	20.45		101	CM	Bulk
19-19-19	52035	18.53	20.35	19.87		101	CM	Bulk
19-19-19	52038	17.90	18.85	20.44		98	CM	Bulk
19-19-19	52039	18.68	19.33	19.93		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		18.51	19.50	20.20		99.8		
CV, %		1.73	3.9	1.65				
46-00-00	51567	46.19	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.50	100.52	102.98				
ALL SAMPLES,CV %		4.19	3.24	1.64				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 0.00 %								
KEG RIVER CHEMICAL CORP EDMONTON AB T6P 1W4								
00-00-00	50867+	0.00	0.00	0.00			Mat	Bag
00-00-00	52124+	0.00	0.00	0.00			Mat	Bag
KENS VALUE CTR. BERRY KY 41003-8620								
34-00-00	52260	33.59	0.00	0.00		99	Mat	Bag
34-00-00	52357	33.95	0.00	0.00		100	Mat	Bag
KENTUCKY FERTILIZER (WINCH) WINCHESTER KY 40391								
00-00-60	52623	0.00	0.00	61.37		102	Mat	Bulk
05-20-20	52266	7.87	19.30	19.49		105	Blend	Bag
06-12-12	52265	7.33	13.01	11.71		108	Blend	Bag
10-10-10	50119	12.04	14.25	13.53		131	Blend	Bag
10-10-10	50239	9.59	11.80	12.56		111	Blend	Bag
10-10-10	51236	9.87	9.19	10.55		99	Blend	Bag
10-10-10	52136	10.53	9.31	11.68		105	Blend	Bag
10-10-10	52176	10.87	10.23	10.79		107	Blend	Bag
10-10-10	52262	10.43	10.28	11.53		107	Blend	Bag
10-10-10	52268	10.25	9.17	10.15		99	Blend	Bag
10-10-10	52272	8.98 *	9.77	10.58		97	Blend	Bag
10-10-10	52512	10.52	9.55	9.98		101	Blend	Bag
10-10-10	52564	8.67 *	8.63 *	10.62		93 *	Blend	Bag
10-10-10	52617	9.75	9.42	10.76		100	Blend	Bag
10-10-10	52679	10.57	12.32	11.83		115	Blend	Bag
10-10-10	52683	11.64	10.63	9.88		108	Blend	Bag
10-10-10	52685	9.56	10.61	11.68		105	Blend	Bag
10-10-10	52690	10.92	10.62	9.94		105	Blend	Bag
10-10-10	52708	9.30	10.87	10.21		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
KENTUCKY FERTILIZER (WINCH) WINCHESTER KY 40391								
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 16								
Average Analysis :		10.22	10.42	11.02		105.2		
CV, %		8.96	13.64	9.4				
10-20-10	52269	10.05	19.46	9.90		99	Blend	Bag
12-12-12	52616	11.80	11.22	13.49		101	Blend	Bag
12-12-12	52680	11.83	12.14	12.80		102	Blend	Bag
12-24-24	52270	12.59	24.41	22.65 *		100	Blend	Bag
14-32-11	52271	13.93	32.32	10.65		100	Blend	Bag
14-32-11	52273	14.21	33.49	10.27		102	Blend	Bag
15-15-15	52263	14.56	14.97	14.78		98	Blend	Bag
15-15-15	52707	12.53 *	15.09	16.76		97	Blend	Bag
18-46-00	52624	18.03	46.10	0.00		100	Mat	Bulk
19-19-19	50013	19.13	19.77	18.35		100	Blend	Bag
19-19-19	52261	19.00	19.12	19.27		101	Blend	Bag
19-19-19	52264	18.03	18.29	20.87		100	Blend	Bag
19-19-19	52267	18.13	19.16	18.98		98	Blend	Bag
19-19-19	52519	18.94	19.54	20.25		103	Blend	Bag
19-19-19	52563	17.87	20.33	20.13		102	Blend	Bag
19-19-19	52682	18.69	17.81	20.42		100	Blend	Bag
19-19-19	52684	19.01	18.38	19.76		100	Blend	Bag
19-19-19	52691	18.73	18.87	20.64		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 9								
Average Analysis :		18.61	19.03	19.85		100.6		
CV, %		2.57	4.16	4.21				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.22	102.02	105.92				
ALL SAMPLES,CV %		12.07	9.74	8.41				
NUMBER OF ANALYSIS		36	36	36				
Deficiency Rate = 10.81 %								
KENTUCKY FERTILIZER LLC LOUISVILLE KY 40203								
05-20-20	51757	8.58	22.12	19.45		113	Blend	Bag
12-12-12	52626	13.25	12.54	11.69		105	Blend	Bag
27-00-00	51756	27.49	0.00	0.00		102	Mnfr	Bag
27-00-00	52627	27.95	0.00	0.00		104	Blend	Bag
46-00-00	52625	46.16	0.00	0.00		100	Mat	Bulk
KNOX FERTILIZER CO., INC. KNOX IN 46534								
10-10-10	51769	8.38 *	9.29	11.26		95 *	Blend	Bag
10-10-10	52137	11.14	11.71	11.27		113	Blend	Bag
10-54-10	51642+	12.35	50.01 *	9.68		98	Blend	Bag
12-00-06	50034	12.54	0.00	6.08		104	Blend	Bag
12-00-06	50777	12.60	0.00	6.20		105	Blend	Bag
18-24-16	50015+	22.82	24.38	16.96		113	Blend	Bag
24-08-16	50784+	24.46	8.75	17.10		104	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
KNOX FERTILIZER CO., INC.	KNOX IN 46534							
28-00-10	50033	27.50	0.00	10.32		99	Blend	Bag
29-00-04	50032	30.12	0.00	4.04		104	Blend	Bag
34-00-00	51768	33.24	0.00	0.00		98	Blend	Bag
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.67	102.71	104.87				
ALL SAMPLES,CV %		11.85	10.34	5.05				
NUMBER OF ANALYSIS		10	5	9				
Deficiency Rate = 20.00 %								
<hr/>								
LAKE CUMBERLAND FARMERS CO-OP	MONTICELLO KY 42633							
00-00-60	51065	0.00	0.00	61.28		102	Mat	Bulk
05-13-41	52289	6.09	13.93	41.55		101	CM	Bulk
06-15-39	52291	5.94	15.37	40.01		100	CM	Bulk
06-16-37	52085	6.64	16.37	38.10		99	CM	Bulk
18-46-00	51063	17.85	45.68	0.00		99	Mat	Bulk
19-19-19	52290	19.87	19.33	19.99		102	CM	Bulk
20-15-20	52086	20.13	15.65	21.25		100	CM	Bulk
34-00-00	51064	33.56	0.00	0.00		99	Mat	Bulk
37-09-00	52292+	38.48	9.71	0.00		101	CM	Bulk
46-00-00	51061	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	51062	45.94	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.75	99.03	101.68				
ALL SAMPLES,CV %		4.22	1.4	1.63				
NUMBER OF ANALYSIS		10	7	6				
Deficiency Rate = 0.00 %								
<hr/>								
LEBANON SEABOARD CORP	LEBANON PA 17042							
25-00-05	52573+	24.27	0.00	5.59		99	Blend	Bag
<hr/>								
LESCO INC.	CLEVELAND OH 44114-4114							
14-14-14	51636+	14.18	15.14	14.34		104	Blend	Bag
14-20-04	50129+	14.84	20.33	4.82		105	Blend	Bag
14-20-04	51635+	14.63	19.46	4.39		102	Blend	Bag
24-00-11	50128+	24.26	0.00	11.58		102	Blend	Bag
28-00-03	50130+	28.67	0.00	3.29		103	Blend	Bag
28-00-03	51634+	27.88	0.00	3.13		100	Blend	Bag
<hr/>								
LILLY MILLER BRANDS	WALNUT CREEK CA 94597							
15-30-15	50061	14.52	29.93	16.67		101	Blend	Bag
15-30-15	51390	15.27	30.51	15.50		102	Blend	Bag
<hr/>								
LILLY MILLER BRANDS (ATL)	ATLANTA GA 30339							
06-04-06	51697+	7.82	5.09	7.11		126	Mnfr	Bag
06-04-06	51721+	7.56	5.27	7.50		127	Blend	Bag
<hr/>								
LOVELAND PRODUCTS, INC.	GREELEY CO 80632							
05-20-20	51553	8.01	20.49	20.74		111	Blend	Bag
06-20-00	51585+	6.08	19.33	0.00		98	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
LOVELAND PRODUCTS, INC.	GREELEY CO 80632							
06-20-00	51617+	6.28	19.68	0.00		100	Blend	Liq
06-20-00	51699+	6.25	20.10	0.00		102	Blend	Liq
07-17-03	50828+	7.12	17.17	2.94		101	Blend	Liq
07-17-03	50829+	7.27	16.56	2.96		100	Blend	Liq
07-17-03	51488+	7.42	16.39	3.20		101	Blend	Liq
07-17-03	51584+	7.15	16.60	3.36		101	Blend	Liq
07-24-04	51661	6.77	23.24	4.14		98	Blend	Liq
09-23-30	52505	9.85	24.33	27.09 *		99	Blend	Bag
10-10-10	51552	10.35	10.68	10.28		104	Blend	Bag
10-10-10	51758	9.95	10.52	9.66		100	Blend	Bag
10-10-10	51759	9.33	9.28	10.71		97	Blend	Bag
10-10-10	52310+	10.52	9.72	10.61		103	Blend	Bag
10-10-10	52650	9.44	10.55	10.13		100	Blend	Bag
10-10-10	52709	9.37	9.70	10.64		99	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 6								
Average Analysis :		9.83	10.08	10.34		100.6		
CV, %		5.33	5.77	3.89				
19-19-19	51551	18.80	19.22	20.22		102	Blend	Bag
19-19-19	51554	19.29	19.01	20.08		102	Blend	Bag
19-19-19	51624	18.22	20.09	19.94		102	Blend	Bag
19-19-19	51755	18.04	18.81	21.19		101	Blend	Bag
19-19-19	51760	18.11	19.15	20.54		101	Blend	Bag
19-19-19	52509	18.69	19.14	20.44		102	Blend	Bag
19-19-19	52710	19.17	19.38	18.89		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		18.62	19.26	20.19		101.5		
CV, %		2.73	2.12	3.47				
25-00-10	52312	27.48	0.00	12.90		114	Blend	Bag
26-00-00	51700	25.62	0.00	0.00		99	Blend	Liq
30-10-10	52506	30.28	9.79	11.50		103	Blend	Bag
35-00-00	51550+	34.33	0.00	0.00		98	Blend	Bag
35-00-00	52507+	33.99	0.00	0.00		97	Blend	Bag
35-00-00	52508+	32.23 *	0.00	0.00		92 *	Blend	Bag
37-00-00	52649	36.44	0.00	0.00		98	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.03	100.21	105.50				
ALL SAMPLES,CV %		11.66	3.64	7.23				
NUMBER OF ANALYSIS		30	24	22				
Deficiency Rate = 6.67 %								
<hr/>								
MARSHALL COUNTY CO-OP	BENTON KY 42025							
15-15-15	50396	14.04 *	15.07	16.88		98	CM	Bulk
17-18-17	51303	15.70 *	19.42	18.34		99	CM	Bulk
17-18-17	51304	16.69	18.16	18.77		100	CM	Bulk
17-18-17	51305	16.40	18.06	18.76		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
MARSHALL COUNTY CO-OP	BENTON KY 42025							
18-14-19	51161	16.94	13.53	20.59		99	CM	Bulk
<hr/>								
MARTIN MARIETTA	MANISTEE MI 49660							
00-00-00	51080+	0.00	0.00	0.00			Mat	Bag
<hr/>								
MARTIN OPERATING PARTNERSHIP LP	KILGORE TX 75663-0191							
00-00-00	50332+	0.00	0.00	0.00			Mat	Bulk
00-00-00	51776+	0.00	0.00	0.00			Mnfr	Bag
<hr/>								
MAYSLICK MILL	MAYSLICK KY 41055							
00-00-25	52044+	0.00	0.00	25.08		98	CM	Bulk
00-00-25	52045+	0.00	0.00	26.29		103	CM	Bulk
00-00-30	52046+	0.00	0.00	34.10		111	CM	Bulk
00-00-52	52049+	0.00	0.00	51.84		99	CM	Bulk
02-06-40	52169+	3.75	6.70	39.81		102	CM	Bulk
05-13-42	52047	6.31	14.66	40.13 *		99	CM	Bulk
16-00-33	52170+	15.93	0.00	34.55		100	CM	Bulk
23-11-20	52048	22.85	11.10	20.82		98	CM	Bulk
34-00-15	52041	33.81	0.00	15.22		99	CM	Bulk
34-00-15	52042	33.88	0.00	15.09		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		110.14	103.84	100.67				
ALL SAMPLES,CV %		21.31	6.17	4.54				
NUMBER OF ANALYSIS		6	3	10				
Deficiency Rate = 10.00 %								
<hr/>								
MID STATES AG SALES LLC	LAVERGNE TN 37086-1983							
00-00-50	50766	0.00	0.00	49.41		99	Mat	Bulk
00-00-60	50595	0.00	0.00	59.91		100	Mat	Bulk
00-00-60	50600	0.00	0.00	59.85		100	Mat	Bulk
18-46-00	50594	17.75	46.46	0.00		100	Mat	Bulk
18-46-00	50596	17.64	45.83	0.00		99	Mat	Bulk
18-46-00	50597	17.70	46.27	0.00		100	Mat	Bulk
46-00-00	50598	45.82	0.00	0.00		100	Mat	Bulk
46-00-00	50599	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	50675	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	50749	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50752	45.74	0.00	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 5								
Average Analysis :		45.98	0.00	0.00		100.0		
CV, %		0.42	0	0				

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
MID STATES AG SALES LLC LAVERGNE TN 37086-1983								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.34	100.41	99.47				
ALL SAMPLES,CV %		0.93	0.7	0.57				
NUMBER OF ANALYSIS		8	3	3				
Deficiency Rate = 0.00 %								
<hr/>								
MIRACLE GRO LAWN PRODUCTS MARYSVILLE OH 43041								
03-04-02	50691+	4.49	4.08	3.20		133	Mnfr	Bag
06-08-00	50775+	8.76	9.70	0.00		134	Mnfr	Bag
09-04-12	51717+	8.96	3.92	12.91		103	Mnfr	Bag
10-52-10	52343	10.53	50.51	12.77		103	Blend	Bag
12-09-06	51737+	12.28	9.26	6.63		104	Blend	Liq
<hr/>								
MONTANA SULPHUR & CHEMICAL COMPANY BILLINGS MT 59101								
00-00-00	51835+	0.00	0.00	0.00			Mat	Bag
<hr/>								
MONTY'S PLANT FOOD LOUISVILLE KY 40209								
02-05-05	50021	2.69	5.66	5.83		119	Blend	Liq
03-00-00	50020+	4.19	0.00	0.00		140	Blend	Liq
04-05-02	50026+	4.50	4.82	2.25		106	Blend	Liq
04-05-03	50014+	4.70	4.86	2.51 *		103	Blend	Liq
08-00-00	51485+	8.32	0.00	0.00		104	Blend	Liq
08-00-00	51486+	8.30	0.00	0.00		104	Blend	Liq
<hr/>								
MOSAIC CROP NUTRITION, LLC RIVERVIEW FL 33569								
00-00-60	50811	0.00	0.00	61.86		103	Mat	Bulk
00-00-60	50812	0.00	0.00	61.72		103	Mat	Bulk
<hr/>								
OCEAN CREST SEAFOODS, INC. GLOUCESTER MA 01930								
02-03-01	51290	1.96	3.84	1.03		112	Mnfr	Liq
<hr/>								
OLDFIELD, J.A. & SON MIZE KY 41352								
00-00-50	51748	0.00	0.00	51.05		102	Mat	Bulk
00-00-60	51747	0.00	0.00	61.29		102	Mat	Bulk
05-20-20	51739	7.88	20.39	19.64		108	Blend	Bag
06-12-12	51744	5.72	11.07	12.83		99	Blend	Bag
10-10-10	51742	9.49	10.07	10.00		98	Blend	Bag
10-10-10	52658	9.32	9.45	11.60		101	Blend	Bag
10-10-10	52713	9.52	10.54	9.27		97	Blend	Bag
10-20-20	51741	10.20	20.59	19.86		101	Blend	Bag
12-12-12	52712	12.00	11.98	11.75		99	Blend	Bag
15-15-15	51740	14.15	13.82 *	15.29		96 *	Blend	Bag
18-46-00	51746	17.81	45.71	0.00		99	Mat	Bulk
19-19-19	51743	18.73	19.75	18.72		100	Blend	Bag
19-19-19	52711	18.42	18.96	19.36		99	Blend	Bag
46-00-00	51745	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
OLDFIELD, J.A. & SON MIZE KY 41352								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.29	99.35	101.47				
ALL SAMPLES,CV %		17.22	4.57	5.62				
NUMBER OF ANALYSIS		12	11	12				
Deficiency Rate = 7.14 %								
<hr/>								
OREGON'S ONLY SPRINGFIELD OR 97475								
02-05-02	52641+	2.20	5.26	4.37		131	Mnfr	Liq
<hr/>								
OTIS BRYANT & SON INC CANEYVILLE KY 42721								
17-05-32	51609	20.39	5.60	29.85 *		101	CM	Bulk
17-06-31	51608	17.53	5.87	33.28		101	CM	Bulk
17-06-32	51612	18.39	5.72	32.27		101	CM	Bulk
19-19-19	51228	19.30	19.03	20.11		101	CM	Bulk
19-19-19	51607	20.31	20.65	18.66		103	CM	Bulk
19-19-19	51610	20.65	18.89	20.01		103	CM	Bulk
19-19-19	51611	19.46	21.11	19.04		102	CM	Bulk
20-12-24	51229	19.25	11.92	25.55		100	CM	Bulk
25-14-14	51013	25.80	14.61	14.71		100	CM	Bulk
25-14-14	51014	24.25	15.27	15.92		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.15	99.39	101.29				
ALL SAMPLES,CV %		6.24	5.08	4.9				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
<hr/>								
OXBOW FERTILIZER LLC THE WOODLANDS TX 77380-3252								
00-00-60	52516	0.00	0.00	61.03		102	Mat	Bulk
00-00-60	52517	0.00	0.00	60.06		100	Mat	Bulk
<hr/>								
PADUCAH-MCCRACKEN RVRPORT AUTHORITY PADUCAH KY 42002								
09-23-30	51954	8.87	23.11	30.79		101	CM	Bulk
09-23-30	51955	8.61	22.85	31.28		101	CM	Bulk
16-18-24	51952	16.13	18.05	24.68		100	CM	Bulk
16-18-24	51953	15.58	18.07	25.25		100	CM	Bulk
25-15-15	51723	23.59	12.07 *	20.52		101	CM	Bulk
25-15-15	51724	25.48	16.25	14.03 *		101	CM	Bulk
<hr/>								
PARRISH SHOP/SALES HENDERSON KY 42420								
05-14-18	50440	5.74	13.82	20.27		103	CM	Bulk
05-14-18	50441	5.89	14.52	19.67		104	CM	Bulk
05-14-18	50442	5.84	14.78	18.90		103	CM	Bulk
06-24-06	51153+	7.08	23.86	6.37		104	Blend	Liq
06-24-06	51154+	7.24	23.59	6.07		103	Blend	Liq
09-23-30	50443	8.40	22.81	30.03		98	CM	Bulk
<hr/>								
PLEASANT VIEW FARMS AUBURN KY 42206								
09-23-30	51372	8.59	21.59	32.64		101	CM	Bulk
16-16-16	51373	17.13	16.77	15.54		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
PLEASANT VIEW FARMS	AUBURN KY 42206							
17-17-17	51374	17.42	17.51	18.71		101	CM	Bulk
17-17-17	52285	18.08	17.88	17.31		100	CM	Bulk
17-17-17	52286	17.98	17.04	17.72		99	CM	Bulk
17-17-17	52287	18.25	18.75	16.71		101	CM	Bulk
17-17-17	52288	18.10	17.40	18.05		101	CM	Bulk
Statistical Analysis for Grade : 17-17-17								
Number of Samples This Grade : 5								
Average Analysis :		17.97	17.72	17.70		100.3		
CV, %		1.78	3.67	4.26				
<hr/>								
PRO AG SALES & SERVICE INC	DANVILLE KY 40422							
00-00-47	52218+	0.00	0.00	46.92		100	CM	Bulk
00-00-60	52220	0.00	0.00	59.62		99	Mat	Bulk
05-14-18	52216+	5.79	15.27	18.34		108	CM	Bulk
06-00-43	52209+	7.48	0.00	40.77 *		100	CM	Bulk
18-18-18	52217	18.68	20.42	18.07		100	CM	Bulk
18-46-00	52219	17.74	45.95	0.00		99	Mat	Bulk
25-00-26	52215	24.37	0.00	26.35		97	CM	Bulk
25-11-17	52212	25.61	10.71	16.81		98	CM	Bulk
25-11-17	52213	24.70	11.94	15.96		97	CM	Bulk
25-11-17	52214	25.15	11.15	16.78		98	CM	Bulk
32-00-17	52210	31.78	0.00	17.37		98	CM	Bulk
32-00-17	52211	31.58	0.00	17.37		98	CM	Bulk
46-00-00	52221	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	52333	46.20	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.01	102.51	98.86				
ALL SAMPLES,CV %		8.11	6.43	3.13				
NUMBER OF ANALYSIS		12	6	11				
Deficiency Rate = 7.14 %								
<hr/>								
PRO SOLUTIONS (CROFT)	CROFTON KY 42217							
05-13-41	50635	5.33	14.34	42.25		101	CM	Bulk
05-14-14	50352	7.02	14.58	14.04		106	CM	Bulk
05-14-14	50353	6.66	14.89	15.46		107	CM	Bulk
05-14-14	50354	6.90	15.19	15.41		108	CM	Bulk
05-14-14	50355	6.65	14.73	14.86		105	CM	Bulk
05-14-14	50356	6.86	14.70	15.17		106	CM	Bulk
05-14-14	50357	7.13	16.35	14.24		109	CM	Bulk
05-14-14	50358	6.53	14.74	14.86		104	CM	Bulk
05-14-14	50359	6.73	14.47	15.66		107	CM	Bulk
05-14-14	50360	6.84	15.34	16.01		110	CM	Bulk
Statistical Analysis for Grade : 05-14-14								
Number of Samples This Grade : 9								
Average Analysis :		6.81	15.00	15.08		106.9		
CV, %		2.8	3.85	4.29				
10-26-26	50193	10.14	26.10	25.62		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
PRO SOLUTIONS (CROFT)	CROFTON KY 42217							
10-26-26	50194	10.15	26.10	26.21		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR	114.55		102.64	102.43				
ALL SAMPLES,CV %	8.61		3.34	3.72				
NUMBER OF ANALYSIS	12		12	12				
Deficiency Rate = 0.00 %								
<hr/>								
PRO SOLUTIONS (SPRING)	SPRINGFIELD TN 37172							
00-00-50	50627	0.00	0.00	51.94		104	Mat	Bulk
00-00-60	50084	0.00	0.00	59.38		99	Mat	Bulk
00-00-60	50085	0.00	0.00	60.66		101	Mat	Bulk
00-00-60	50086	0.00	0.00	59.36		99	Mat	Bulk
00-00-60	50630	0.00	0.00	60.72		101	Mat	Bulk
00-00-60	50631	0.00	0.00	60.54		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 5								
Average Analysis :	0.00		0.00	60.13		100.2		
CV, %	0		0	1.16				
18-46-00	50082	17.91	46.65	0.00		101	Mat	Bulk
18-46-00	50083	18.13	46.46	0.00		101	Mat	Bulk
18-46-00	50632	17.65	46.05	0.00		99	Mat	Bulk
18-46-00	50633	17.60	46.11	0.00		99	Mat	Bulk
46-00-00	50628	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	50629	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	50634	45.92	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR	99.30		100.69	100.83				
ALL SAMPLES,CV %	1.04		0.62	1.81				
NUMBER OF ANALYSIS	7		4	6				
Deficiency Rate = 0.00 %								
<hr/>								
PROVIDENCE AG	MEMPHIS TN 38125							
00-00-50	50587	0.00	0.00	50.59		101	Mat	Bulk
00-00-50	50651	0.00	0.00	51.05		102	Mat	Bulk
00-00-50	51273	0.00	0.00	41.05 *		82 *	Mat	Bulk
00-00-50	51726	0.00	0.00	49.58		99	Mat	Bulk
00-00-60	50585	0.00	0.00	59.29		99	Mat	Bulk
00-00-60	50586	0.00	0.00	58.82		98	Mat	Bulk
00-00-60	50590	0.00	0.00	59.28		99	Mat	Bulk
00-00-60	50612	0.00	0.00	61.83		103	Mat	Bulk
00-00-60	50650	0.00	0.00	60.54		101	Mat	Bulk
00-00-60	50656	0.00	0.00	59.78		100	Mat	Bulk
00-00-60	50657	0.00	0.00	61.24		102	Mat	Bulk
00-00-60	50663	0.00	0.00	60.75		101	Mat	Bulk
00-00-60	50667	0.00	0.00	61.94		103	Mat	Bulk
00-00-60	50668	0.00	0.00	62.72		105	Mat	Bulk
00-00-60	51267	0.00	0.00	61.62		103	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
PROVIDENCE AG MEMPHIS TN 38125								
00-00-60	51440	0.00	0.00	61.10		102	Mat	Bulk
00-00-60	51441	0.00	0.00	60.25		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 13								
Average Analysis :		0.00	0.00	60.70		101.2		
CV, %		0	0	1.95				
06-12-18	50584+	5.81	12.56	19.83		107	Mnfr	Bulk
06-12-18	50661+	6.65	12.11	17.90		102	Mat	Bulk
06-12-18	51443+	7.27	12.40	18.57		106	Mnfr	Bulk
11-52-00	50662	10.82	52.75	0.00		101	Mat	Bulk
12-09-06	51435+	12.90	8.93	6.41		105	Blend	Liq
12-40-00	50588+	11.45	41.08	0.00		101	Mat	Bulk
12-40-00	50652+	11.76	41.39	0.00		102	Mat	Bulk
12-40-00	51442+	11.90	39.80	0.00		99	Mat	Bulk
16-18-24	50653	15.21	18.16	24.73		98	CM	Bulk
18-46-00	50583	17.62	45.65	0.00		99	Mat	Bulk
18-46-00	50592	17.86	45.47	0.00		99	Mat	Bulk
18-46-00	50610	17.84	46.34	0.00		100	Mat	Bulk
18-46-00	50611	17.80	46.09	0.00		100	Mat	Bulk
18-46-00	50649	17.76	45.65	0.00		99	Mat	Bulk
18-46-00	50654	17.59	45.85	0.00		99	Mat	Bulk
18-46-00	50655	17.65	45.94	0.00		99	Mat	Bulk
18-46-00	50665	17.63	46.37	0.00		100	Mat	Bulk
18-46-00	50669	17.79	46.48	0.00		100	Mat	Bulk
18-46-00	50670	17.62	46.50	0.00		100	Mat	Bulk
18-46-00	51438	17.83	45.91	0.00		100	Mat	Bulk
18-46-00	51439	18.05	45.96	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 12								
Average Analysis :		17.75	46.02	0.00		99.6		
CV, %		0.77	0.75	0				
20-00-06	51434+	19.92	0.00	6.64		102	Blend	Liq
21-00-00	50589+	20.70	0.00	0.00		99	Mat	Bulk
21-00-00	50591+	20.76	0.00	0.00		99	Mat	Bulk
21-00-00	50660+	20.62	0.00	0.00		98	Mat	Bulk
21-00-00	51436+	21.03	0.00	0.00		100	Mat	Bulk
44-00-00	50582+	44.60	0.00	0.00		101	Mat	Bulk
44-00-00	50613+	44.47	0.00	0.00		101	Mat	Bulk
44-00-00	50659+	44.97	0.00	0.00		102	Mat	Bulk
46-00-00	50593	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	50648	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50658	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50664	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	50666	45.96	0.00	0.00		100	Mat	Bulk
46-00-00	51437	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
PROVIDENCE AG MEMPHIS TN 38125								
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 6								
Average Analysis :		46.14	0.00	0.00		100.3		
CV, %		0.2	0	0				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.15	100.69	101.44				
ALL SAMPLES,CV %		4.71	1.63	5.26				
NUMBER OF ANALYSIS		35	21	23				
Deficiency Rate = 1.92 %								
<hr/>								
PROVIDENCE AG - FANCY FARM FANCY FARM KY 42039								
09-23-30	51883	8.85	23.09	29.40		99	CM	Bulk
09-23-30	51884	8.70	22.53	29.67		98	CM	Bulk
09-23-30	51885	8.87	22.44	29.91		99	CM	Bulk
09-23-30	52231	9.15	24.40	29.43		102	CM	Bulk
09-23-30	52232	6.84 *	18.32 *	37.42		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.48	22.16	31.17		99.5		
CV, %		11.02	10.3	11.23				
17-16-21	51880+	16.30	15.85	20.47		98	CM	Bulk
17-16-21	51881+	16.59	15.71	20.39		98	CM	Bulk
17-16-21	51882+	16.46	17.12	20.09		99	CM	Bulk
<hr/>								
PROVIDENCE AG - HARTFORD HARTFORD KY 42347								
09-23-30	52363	9.52	23.94	29.55		102	CM	Bulk
09-23-30	52364	9.05	24.01	30.11		102	CM	Bulk
09-23-30	52365	8.94	23.57	30.82		102	CM	Bulk
09-23-30	52366	8.79	22.87	31.60		102	CM	Bulk
09-23-30	52373	8.77	22.98	31.06		101	CM	Bulk
09-23-30	52374	8.90	22.88	31.25		102	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		8.99	23.38	30.73		101.7		
CV, %		3.08	2.28	2.49				
15-43-00	52361+	14.61	43.36	0.00		100	CM	Bulk
15-43-00	52362+	14.54	43.29	0.00		99	CM	Bulk
28-19-00	52375+	27.83	19.85	0.00		101	CM	Bulk
28-19-00	52376+	28.06	19.06	0.00		100	CM	Bulk
28-19-00	52377+	28.02	18.73	0.00		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
PROVIDENCE AG - HARTFORD HARTFORD KY 42347								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.34	101.09	102.44				
ALL SAMPLES,CV %		2.46	2.19	2.49				
NUMBER OF ANALYSIS		11	11	6				
Deficiency Rate = 0.00 %								
<hr/>								
PROVIDENCE AG - MAYFIELD MAYFIELD KY 42066								
08-22-30	51887	9.05	22.82	29.07		98	CM	Bulk
08-22-30	51888	8.74	21.79	31.96		101	CM	Bulk
08-22-30	51889	8.59	21.82	31.52		100	CM	Bulk
09-23-30	52233	9.25	23.91	31.00		103	CM	Bulk
09-23-30	52234	8.48	23.21	31.32		101	CM	Bulk
09-23-30	52235	9.29	23.99	30.51		103	CM	Bulk
11-18-24	51890+	11.35	18.56	23.21		99	CM	Bulk
11-18-24	51891+	11.55	18.05	24.19		100	CM	Bulk
<hr/>								
PROVIDENCE AG - MELBER MELBER KY 42069								
13-15-26	50685	13.69	14.79	26.48		99	CM	Bulk
13-15-26	50686	12.92	15.47	27.46		100	CM	Bulk
13-15-26	50687	12.66	15.08	27.95		100	CM	Bulk
13-15-26	50688	13.48	14.89	26.46		99	CM	Bulk
<hr/>								
PROVIDENCE AG - RUSSELLVILLE RUSSELLVILLE KY								
19-19-20	51180	18.29	19.83	21.57		102	CM	Bulk
26-09-08	51182+	25.57	9.43	8.88		101	CM	Bulk
26-09-08	51183+	25.81	9.68	7.91		100	CM	Bulk
35-00-00	51181+	35.09	0.00	0.00		99	CM	Bulk
<hr/>								
PROVIDENCE AG - WINGO WINGO KY 42088								
09-23-30	51833	8.75	22.30	29.70		98	CM	Bulk
09-23-30	51834	9.45	24.33	31.13		105	CM	Bulk
09-25-24	52326+	10.11	25.37	25.63		101	CM	Bulk
<hr/>								
PROVIDENCE AG -BOWLING GREEN BOWLING GREEN KY 42104								
09-23-30	51359	8.51	21.51 *	29.81		97	*	CM
09-23-30	51371	9.22	23.14	30.07		101	CM	Bulk
27-00-24	51370	27.46	0.00	23.73		99	CM	Bulk
27-11-15	51361	27.43	11.17	15.52		100	CM	Bulk
31-09-11	51360	31.67	8.64	12.07		100	CM	Bulk
32-09-10	51369	32.81	9.78	9.49		100	CM	Bulk
<hr/>								
PROVIDENCE AG -GLASGOW GLASGOW KY 42142								
19-19-19	51264	19.45	20.21	19.82		102	CM	Bulk
20-17-17	51276+	20.08	17.18	16.61		102	CM	Bulk
21-15-20	51265	21.58	14.79	21.31		102	CM	Bulk
21-15-20	51266	22.29	15.58	21.11		104	CM	Bulk
27-11-15	51260	27.00	11.70	16.70		102	CM	Bulk
27-13-13	51274	24.76 *	15.54	16.41		102	CM	Bulk
34-00-00	51262+	32.53	0.00	0.00		97	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form	
<hr/>									
PROVIDENCE AG -GLASGOW	GLASGOW KY 42142								
37-06-06	51261	37.74	7.01	6.69		103	CM	Bulk	
39-00-08	51269	40.05	0.00	9.18		102	CM	Bulk	
41-00-00	51263+	41.80	0.00	0.00		102	CM	Bulk	
<hr/>									
STAT. ANALYSIS FOR ALL SAMPLES									
ALL SAMPLES,%GUAR		100.13	104.27	107.00					
ALL SAMPLES,CV %		3.74	5.53	5.53					
NUMBER OF ANALYSIS		10	7	8					
Deficiency Rate = 10.00 %									
<hr/>									
PURELY ORGANICS LLC	PORTSMOUTH NH 03301								
08-08-08	51698	8.65	7.32	7.48		99	Mnfr	Bag	
<hr/>									
RELIANCE AG (RUSS)	RUSSELLVILLE KY 42276								
02-06-08	50201	3.88	7.54	9.87		119	CM	Bulk	
06-16-27	50212+	6.29	16.87	26.48		98	CM	Bulk	
06-16-27	50213+	6.04	15.69	27.26		97	*	CM	Bulk
06-16-27	50214+	6.52	16.92	27.14		100	CM	Bulk	
09-24-27	50215	8.95	22.98 *	30.15		100	CM	Bulk	
09-24-27	50216	9.78	25.86	26.76		100	CM	Bulk	
09-24-27	50217	9.79	25.93	26.89		101	CM	Bulk	
09-24-27	50218	9.21	23.38	29.43		100	CM	Bulk	
09-25-18	50142+	9.36	24.28	19.01		98	CM	Bulk	
09-25-18	50143+	10.26	25.47	18.30		101	CM	Bulk	
<hr/>									
STAT. ANALYSIS FOR ALL SAMPLES									
ALL SAMPLES,%GUAR		102.24	100.06	101.90					
ALL SAMPLES,CV %		15.77	5.98	5.53					
NUMBER OF ANALYSIS		10	10	10					
Deficiency Rate = 20.00 %									
<hr/>									
RELIANCE AG (TRENT)	TRENTON KY 42286								
05-26-30	50411	6.16	24.95	31.10		102	CM	Bulk	
05-26-30	50412	5.93	25.08	30.94		101	CM	Bulk	
05-26-30	50413	6.31	25.70	30.30		102	CM	Bulk	
24-16-00	52501+	21.77 *	15.37	0.00		90	*	CM	Bulk
24-16-00	52502+	21.13 *	14.93 *	0.00		88	*	CM	Bulk
24-16-00	52503+	24.74	17.34	0.00		102	CM	Bulk	
29-00-00	50680+	30.18	0.00	0.00		104	Mat	Liq	
<hr/>									
RIPS FARM CENTER TOLLESBORO KY 41189									
04-10-18	52513	4.10	10.04	20.37		104	CM	Bulk	
04-10-18	52523	4.34	10.79	19.36		104	CM	Bulk	
04-10-18	52524	4.13	10.46	19.10		101	CM	Bulk	
04-10-27	52520	4.06	10.24	28.12		100	CM	Bulk	
04-10-27	52521	4.01	10.45	29.34		103	CM	Bulk	
04-10-27	52525	4.10	10.45	28.65		102	CM	Bulk	
04-10-27	52526	4.30	10.73	28.62		103	CM	Bulk	
11-52-00	52511	11.29	52.13	0.00		101	Mat	Bulk	
18-46-00	52518	17.52	45.89	0.00		99	Mat	Bulk	

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
RIPS FARM CENTER TOLLESBORO KY 41189								
21-00-00	52514+	20.22	0.00	0.00		96 *	Mat	Bulk
21-09-11	52510	21.05	9.48	13.55		101	CM	Bulk
21-09-11	52527	21.24	9.33	12.67		100	CM	Bulk
27-13-13	52522	26.72	13.95	15.20		102	CM	Bulk
46-00-00	52515	46.13	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.90	99.89	106.60				
ALL SAMPLES,CV %		2.87	2.83	4.12				
NUMBER OF ANALYSIS		14	12	10				
Deficiency Rate =	7.14 %							
<hr/>								
ROD MCLELLAN COMPANY INDEPENDENCE OR 97351								
12-00-00	51772+	14.47	0.00	0.00		121	Mnfr	Bag
<hr/>								
ROGERS FERTILIZER & SERVICES LEBANON KY 40033								
00-00-50	51252	0.00	0.00	51.12		102	Mat	Bulk
00-00-60	51250	0.00	0.00	61.87		103	Mat	Bulk
18-46-00	51249	17.49	46.00	0.00		99	Mat	Bulk
21-00-00	51251+	20.99	0.00	0.00		100	Mat	Bulk
23-13-18	51256	22.85	13.86	19.41		100	CM	Bulk
27-08-10	51257+	26.35	7.78	10.16		98	CM	Bulk
27-08-10	51259+	26.95	9.94	8.24 *		100	CM	Bulk
27-08-11	51254+	26.18	7.95	11.08		99	CM	Bulk
27-11-15	51446	27.14	11.49	16.08		101	CM	Bulk
30-09-12	51258	30.02	10.34	12.57		100	CM	Bulk
36-04-09	51253	35.59	4.75	9.35		99	CM	Bulk
40-00-00	51255+	39.38	0.00	0.00		99	CM	Bulk
46-00-00	51248	45.77	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.56	103.71	100.47				
ALL SAMPLES,CV %		1.15	8.36	8.79				
NUMBER OF ANALYSIS		11	8	9				
Deficiency Rate =	7.69 %							
<hr/>								
ROOTBLAST INTERNATIONAL INC CANTON OH 44707								
02-01-02	50776+	2.42	2.09	1.98		128	Mnfr	Bag
02-01-02	52636+	2.32	2.19	2.26		133	Mnfr	Bag
<hr/>								
S. J. ENTERPRISES SALISBURY (AUSTRALIA) SA 5108								
03-00-02	52643+	3.99	0.00	3.71		151	Mnfr	Liq
<hr/>								
SCOTTS MIRACLE-GRO PRODUCTS, INC MARYSVILLE OH 43041								
10-10-10	51391+	11.07	10.56	10.80		108	Blend	Bag
18-18-21	51716+	18.64	18.79	22.72		105	Mnfr	Bag
24-08-16	51562+	24.06	8.70	17.07		103	Mnfr	Bag
<hr/>								
SECURITY SEED & CHEMICAL INC (CLA) CLARKSVILLE TN 37040								
00-00-00	52591	0.81	0.00	0.15		104	Blend	Liq
01-00-01	52622+	0.13 *	0.00	1.18		65 *	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SECURITY SEED & CHEMICAL INC (CLA)		CLARKSVILLE TN 37040						
02-00-03	52621	3.05	0.00	3.16		127	Blend	Liq
03-00-04	52370+	3.46	0.00	4.26		111	Blend	Liq
03-00-04	52592+	3.54	0.00	4.09		110	Blend	Liq
32-00-00	52168	32.17	0.00	0.00		101	Mat	Liq
32-00-00	52371	31.30	0.00	0.00		99	Blend	Liq
32-00-00	52618	31.59	0.00	0.00		99	Mat	Liq
<hr/>								
SECURITY SEED & CHEMICAL INC (HOP)		HOPKINSVILLE KY 42240						
27-05-01	52331+	25.69	5.03	0.75		97	CM	Liq
<hr/>								
SECURITY SEED & CHEMICAL INC (MUR)		MURRAY KY 42071						
30-00-00	51035+	30.50	0.00	0.00		99	CM	Liq
32-00-00	52536+	30.75	0.00	0.00		98	CM	Liq
<hr/>								
SEVENTY FEEDS LLC	EUBANK KY 42567							
00-00-60	51520	0.00	0.00	60.35		101	Mat	Bulk
00-00-60	51521	0.00	0.00	61.30		102	Mat	Bulk
18-46-00	51522	17.82	44.95	0.00		98	Mat	Bulk
28-06-17	52587	28.40	6.51	17.24		99	CM	Bulk
46-00-00	51523	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	51524	46.03	0.00	0.00		100	Mat	Bulk
<hr/>								
SOLU-CAL USA LTD	WEST WAREHAM MA 02576							
00-00-00	51766+	0.00	0.00	0.00			Mnfr	Bag
<hr/>								
SOUTH CENTRAL FARM SUPPLY, INC.	GAMALIEL KY 42140							
19-19-19	51325	18.83	18.92	20.90		101	CM	Bulk
19-19-19	51327	18.89	19.62	20.20		101	CM	Bulk
19-19-19	51335	19.47	21.19	19.55		103	CM	Bulk
19-19-19	51336	19.08	19.84	21.08		103	CM	Bulk
22-07-25	51329	21.29	8.67	26.29		102	CM	Bulk
27-11-15	51324	26.75	11.31	16.80		101	CM	Bulk
27-11-15	51326	27.69	12.06	16.06		103	CM	Bulk
27-11-15	51328	26.27	12.04	16.81		101	CM	Bulk
27-11-15	51330	25.99	11.63	17.39		101	CM	Bulk
27-11-15	51333	26.56	13.14	16.43		103	CM	Bulk
<hr/>								
Statistical Analysis for Grade : 27-11-15								
Number of Samples This Grade : 5								
Average Analysis :		26.65	12.04	16.70		101.9		
CV, %		2.43	5.74	2.97				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.16	104.95	108.61				
ALL SAMPLES,CV %		1.93	5.46	3.85				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
SPEED AG SERVICE	HICKMAN KY 42050							
00-00-60	50290	0.00	0.00	59.34		99	Mat	Bulk
00-00-60	50292	0.00	0.00	61.80		103	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SPEED AG SERVICE HICKMAN KY 42050								
00-00-60	50518	0.00	0.00	61.27		102	Mat	Bulk
00-00-60	50521	0.00	0.00	61.45		102	Mat	Bulk
08-21-31	51842	8.52	21.33	32.03		100	CM	Bulk
09-24-24	51839+	9.63	25.30	23.49		99	CM	Bulk
09-24-24	51840+	9.88	25.31	24.20		101	CM	Bulk
09-24-24	51841+	9.57	24.38	26.01		101	CM	Bulk
10-26-25	51579	9.04 *	27.34	25.74		99	CM	Bulk
10-26-25	51843	10.33	26.08	26.32		101	CM	Bulk
14-15-22	51580+	13.41	16.75	21.96		102	CM	Bulk
14-15-22	51581+	13.43	16.59	23.27		104	CM	Bulk
16-14-23	51838	15.00	14.04	22.96		97	CM	Bulk
18-46-00	50291	17.80	46.17	0.00		100	Mat	Bulk
18-46-00	50293	18.16	45.90	0.00		100	Mat	Bulk
18-46-00	50520	17.63	45.81	0.00		99	Mat	Bulk
21-00-00	50294+	21.23	0.00	0.00		101	Mat	Bulk
21-00-00	50522+	21.23	0.00	0.00		101	Mat	Bulk
21-26-00	51582+	19.98	27.22	0.00		99	CM	Bulk
34-00-00	50519	34.06	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.00	102.39	101.21				
ALL SAMPLES,CV %		3.74	4.78	2.79				
NUMBER OF ANALYSIS		16	13	13				
Deficiency Rate = 5.00 %								
SS (BOWL) BOWLING GREEN COOP BOWLING GREEN KY 42101								
08-22-20	50273+	8.91	22.86	20.68		100	CM	Bulk
08-22-20	50274+	9.36	23.14	20.31		101	CM	Bulk
08-22-20	50275+	8.77	22.26	21.41		100	CM	Bulk
08-22-20	50276+	8.97	22.94	21.80		102	CM	Bulk
08-22-20	50277+	9.09	23.00	21.23		102	CM	Bulk
Statistical Analysis for Grade : 08-22-20								
Number of Samples This Grade : 5								
Average Analysis :		9.02	22.84	21.09		100.9		
CV, %		2.46	1.49	2.81				
08-22-28	50397	8.60	21.47	30.09		101	CM	Bulk
08-22-28	50398	8.55	22.00	30.14		102	CM	Bulk
08-22-28	50399	8.45	21.62	30.33		101	CM	Bulk
21-15-20	51185	22.69	14.25	19.52		100	CM	Bulk
23-16-16	51184	23.12	15.47	17.59		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.05	98.03	103.47				
ALL SAMPLES,CV %		3.02	2.41	3.33				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (CADI) CADIZ BR CADIZ KY 42211								
04-12-15	50257	5.39	12.49	17.66		109	CM	Bulk
09-23-30	50178	9.02	22.85	29.85		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (CADI) CADIZ BR	CADIZ KY 42211							
09-23-30	50366	9.34	22.86	31.05		102	CM	Bulk
09-23-30	50367	9.86	23.44	29.90		102	CM	Bulk
10-25-26	50179	9.96	25.32	27.31		101	CM	Bulk
10-25-26	50180	10.25	26.42	25.56		100	CM	Bulk
16-21-21	50995	16.50	20.74	22.22		100	CM	Bulk
16-21-21	50996	16.31	21.08	22.29		100	CM	Bulk
25-15-15	50997	24.59	15.67	15.09		100	CM	Bulk
25-15-15	50998	25.10	13.74 *	17.01		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.82	99.60	103.92				
ALL SAMPLES,CV %		5.54	3.66	4.82				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
<hr/>								
SS (CALH) CALHOUN -OWENSBORO	CALHOUN KY 42327							
05-13-18	50437	5.75	13.87	19.00		104	CM	Bulk
06-16-39	52494	6.22	16.27	39.73		101	CM	Bulk
06-16-39	52495	6.32	16.21	40.74		103	CM	Bulk
09-23-30	50438	8.37	22.98	30.37		99	CM	Bulk
09-23-30	50439	8.78	23.25	29.82		100	CM	Bulk
09-23-30	51605	8.77	23.21	31.61		102	CM	Bulk
09-23-30	51606	9.03	23.13	30.04		100	CM	Bulk
09-23-30	52493	9.00	23.43	29.92		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.79	23.20	30.35		100.4		
CV, %		3	0.71	2.42				
32-08-11	52496	31.61	9.05	12.05		101	CM	Bulk
32-08-11	52497	31.79	9.20	12.31		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.18	101.69	103.29				
ALL SAMPLES,CV %		3.38	1.9	3.14				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (CAMP) CAMPBELLSVILLE	CAMPBELLSVLLE KY 42718							
04-11-15	50473	5.07	11.15	16.41		106	CM	Bulk
05-00-12	52668	5.74	0.00	11.29		100	CM	Bulk
07-18-24	50425	6.97	17.77	24.40		99	CM	Bulk
13-15-20	52565+	14.08	17.11	18.13 *		102	CM	Bulk
17-17-17	51750	17.91	17.62	16.81		99	CM	Bulk
17-17-17	51751	17.01	17.03	19.30		100	CM	Bulk
19-12-21	52670	19.49	13.09	21.54		101	CM	Bulk
22-12-12	51749	22.33	12.71	11.69		100	CM	Bulk
23-00-00	51090	32.80	0.00	0.00		142	CM	Bulk
23-00-30	51078	23.32	0.00	30.88		102	CM	Bulk
23-00-30	51079	23.31	0.00	30.78		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (CAMP) CAMPBELLSVILLE	CAMPBELLSVLE KY 42718							
25-00-26	51234	26.39	0.00	27.43		103	CM	Bulk
25-11-17	51075	24.65	11.90	18.18		100	CM	Bulk
34-00-00	51076+	32.30	0.00	0.00		96 *	CM	Bulk
34-00-00	51081+	32.88	0.00	0.00		97	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.04	101.62	101.03				
ALL SAMPLES,CV %		11.33	5.28	5.87				
NUMBER OF ANALYSIS		15	8	12				
Deficiency Rate = 13.33 %								
<hr/>								
SS (CARL) OWINGS SVC-CARLISLE BR	CARLISLE KY 40311							
04-09-14	52647	5.27	10.30	14.83		104	CM	Bulk
16-15-23	52240	15.95	15.89	23.61		102	CM	Bulk
17-14-22	52648	16.89	15.34	23.03		102	CM	Bulk
19-19-19	52184	18.91	19.28	20.24		100	CM	Bulk
20-10-21	52238	19.21	10.69	22.87		102	CM	Bulk
23-09-18	52185	23.54	9.04	19.61		102	CM	Bulk
23-09-18	52239	23.07	9.73	19.24		101	CM	Bulk
<hr/>								
SS (CLAY) CLAY KY 42404								
27-13-13	52388	26.92	14.10	15.37		103	CM	Bulk
27-13-13	52389	27.25	12.67	15.58		102	CM	Bulk
27-13-13	52390	27.51	15.10	14.03		104	CM	Bulk
<hr/>								
SS (CYN) LEXINGTON COOP-CYN BRANCH	CYNTHIANA KY 41031							
00-00-47	52241+	0.00	0.00	47.49		100	CM	Bulk
00-00-51	52244+	0.00	0.00	50.69		100	CM	Bulk
00-00-57	51422+	0.00	0.00	57.21		100	CM	Bulk
00-00-59	51423+	0.00	0.00	59.93		101	CM	Bulk
00-00-59	51424+	0.00	0.00	59.72		100	CM	Bulk
05-13-42	51425	5.29	12.77	42.42		99	CM	Bulk
07-19-29	52245+	8.66	22.01	28.01		107	CM	Bulk
07-19-29	52246+	7.21	19.11	28.52		100	CM	Bulk
22-00-24	52243+	24.06	0.00	24.28		100	CM	Bulk
22-00-25	52242+	22.75	0.00	25.91		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.43	104.88	99.66				
ALL SAMPLES,CV %		7.21	9.65	1.65				
NUMBER OF ANALYSIS		5	3	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (ELIZ) HARDIN COOP, INC	ELIZABETHTOWN KY 42701							
08-21-31	51109+	8.72	21.66	31.98		101	CM	Bulk
13-21-24	51113+	13.43	21.92	24.91		100	CM	Bulk
15-22-22	51111	16.29	21.55	21.71		100	CM	Bulk
17-17-24	51112	17.10	16.34	24.67		100	CM	Bulk
18-18-21	51114	18.35	19.05	21.93		102	CM	Bulk
19-19-19	51101	19.08	18.87	20.71		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (ELIZ) HARDIN COOP, INC	ELIZABETHTOWN KY 42701							
19-19-19	51110	19.09	18.97	20.57		101	CM	Bulk
19-19-19	51512	19.13	18.91	20.23		100	CM	Bulk
19-19-19	51525	19.59	20.16	19.46		102	CM	Bulk
24-28-00	51115+	24.30	28.48	0.00		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.15	99.50	102.52				
ALL SAMPLES,CV %		2.27	3.09	3.11				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
<hr/>								
SS (ELKT) RUSS.-TODD BRANCH	ELKTON KY 42220							
06-25-22	50221+	6.10	25.74	23.38		102	CM	Bulk
09-24-26	50289	9.43	23.99	27.18		101	CM	Bulk
10-27-24	51178	10.66	27.66	24.36		100	CM	Bulk
11-28-21	50286	11.39	28.20	22.89		104	CM	Bulk
11-28-21	50287	10.96	28.08	22.09		101	CM	Bulk
11-28-21	50288	10.89	27.83	22.78		102	CM	Bulk
14-36-12	51177	14.32	35.92	13.07		100	CM	Bulk
21-15-20	51179	21.43	14.46	21.52		101	CM	Bulk
27-11-15	51176	25.99	11.16	17.34		100	CM	Bulk
28-10-14	50040	27.96	10.81	14.70		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.34	98.64	106.70				
ALL SAMPLES,CV %		2.29	1.92	3.78				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (EMIN) INC KNTCKANA SVC-HENRY BR	EMINENCE KY 40019-9801							
07-18-36	51630	7.19	18.70	35.80		100	CM	Bulk
07-18-36	52454	7.13	18.13	36.79		101	CM	Bulk
07-18-36	52455	7.28	18.43	37.08		102	CM	Bulk
07-18-36	52456	7.31	18.45	36.63		101	CM	Bulk
07-19-34	52457	7.85	20.60	34.11		101	CM	Bulk
20-11-24	51633	19.96	10.51	26.03		101	CM	Bulk
25-10-15	52458+	25.16	10.38	17.00		102	CM	Bulk
28-00-20	52459	27.68	0.00	21.61	*	101	CM	Bulk
29-10-13	51773	28.99	9.76	14.48		100	CM	Bulk
36-00-12	51774	37.14	0.00	12.15		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.78	99.75	103.09				
ALL SAMPLES,CV %		2.52	4.44	3.41				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (FLEM) FLEMINGSBURG	FLEMINGSBURG KY 41041							
00-00-15	52250	0.00	0.00	15.24		101	CM	Bulk
00-00-15	52251	0.00	0.00	15.74		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (FLEM) FLEMINGSBURG	FLEMINGSBURG KY 41041							
04-19-37	52247	4.23	20.02	36.93		100	CM	Bulk
05-10-17	52248+	5.19	8.88 *	18.12		101	CM	Bulk
05-10-20	52249+	4.87	10.35	19.21		101	CM	Bulk
05-26-30	52253	5.24	23.09 *	31.40		97	CM	Bulk
05-26-30	52254	5.75	25.35	30.06		100	CM	Bulk
20-06-07	52255+	20.09	5.53	7.70		102	CM	Bulk
20-06-07	52256+	20.71	5.75	7.18		103	CM	Bulk
26-05-06	52252+	25.98	4.44	6.30		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.66	95.98	105.02				
ALL SAMPLES,CV %		3.77	6.68	5.71				
NUMBER OF ANALYSIS		8	8	10				
Deficiency Rate = 20.00 %								
<hr/>								
SS (FRAN) SIMPSON COOP	FRANKLIN KY 42134							
10-26-19	50224	9.80	24.59	21.12		99	CM	Bulk
10-27-23	50202	10.79	28.31	23.84		101	CM	Bulk
10-27-23	50203	10.33	26.38	25.90		100	CM	Bulk
10-27-23	50204	10.59	28.16	24.58		101	CM	Bulk
10-27-23	50205	10.89	29.20	22.61 *		100	CM	Bulk
10-27-24	50222	10.73	27.73	24.44		101	CM	Bulk
10-27-24	50223	11.16	28.54	23.65		102	CM	Bulk
10-27-24	50225	11.02	28.65	22.85		100	CM	Bulk
10-27-24	50226	10.75	27.14	25.40		101	CM	Bulk
14-21-21	50227	14.56	22.29	22.32		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.46	100.85	101.50				
ALL SAMPLES,CV %		2.42	3.65	4.72				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
<hr/>								
SS (GEOR) GEORGETOWN COOP	GEORGETOWN KY 40324							
06-15-39	52129	6.80	16.13	41.62		105	CM	Bulk
21-00-13	52110+	22.13	0.00	13.79		102	CM	Bulk
26-00-20	52130+	25.18	0.00	21.93		99	CM	Bulk
27-00-21	52127	26.44	0.00	22.01		100	CM	Bulk
30-11-11	52105	29.28	11.04	13.55		101	CM	Bulk
30-11-11	52111	31.31	11.46	12.10		103	CM	Bulk
31-00-18	52104	30.81	0.00	19.71		100	CM	Bulk
31-00-18	52106	30.72	0.00	19.88		100	CM	Bulk
31-00-18	52112	30.60	0.00	20.19		100	CM	Bulk
32-00-16	52132	31.43	0.00	17.17		101	CM	Bulk
32-00-17	52131	31.81	0.00	18.94		101	CM	Bulk
39-00-08	52109	40.25	0.00	8.04		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (GEOR) GEORGETOWN COOP GEORGETOWN KY 40324								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.31	102.42	106.11				
ALL SAMPLES,CV %		5.09	2.91	5				
NUMBER OF ANALYSIS		12	3	12				
Deficiency Rate =	0.00 %							
<hr/>								
SS (GLAS) GLASGOW COOP GLASGOW KY 42141								
18-16-22	50982	18.78	16.89	22.71		101	CM	Bulk
18-17-22	50980	18.19	17.19	22.96		101	CM	Bulk
18-18-18	50981	16.10 *	20.32	18.92		99	CM	Bulk
19-19-19	50976	19.31	19.05	20.02		100	CM	Bulk
19-19-19	50977	18.52	19.41	20.35		100	CM	Bulk
26-14-14	50979	26.07	14.50	15.24		101	CM	Bulk
27-00-22	50973+	25.84	0.00	23.38		101	CM	Bulk
27-00-22	50974+	26.14	0.00	23.05		101	CM	Bulk
27-00-22	50975+	27.37	0.00	22.63		103	CM	Bulk
27-13-13	50978	26.61	14.36	14.47		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.92	102.11	104.22				
ALL SAMPLES,CV %		4.29	4.37	1.94				
NUMBER OF ANALYSIS		10	7	10				
Deficiency Rate =	10.00 %							
<hr/>								
SS (HARD) BRECK SERVICE HARDINSBURG KY 40143								
17-20-20	51860	17.50	19.95	20.27		98	CM	Bulk
17-20-20	51861	16.75	20.15	22.06		100	CM	Bulk
17-20-20	51862	16.85	20.63	20.37		98	CM	Bulk
17-20-20	51863	16.81	19.62	22.23		99	CM	Bulk
18-19-19	51915	17.60	18.26	21.28		98	CM	Bulk
19-19-19	51864	18.40	18.62	20.55		99	CM	Bulk
27-16-10	51913	26.97	16.20	11.98		100	CM	Bulk
27-16-11	51865	26.12	17.09	11.75		99	CM	Bulk
27-16-11	51866	25.97	16.53	12.54		99	CM	Bulk
27-16-11	51912	27.33	16.43	11.34		100	CM	Bulk
27-16-11	51914	26.64	15.93	12.24		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.48	98.09	106.85				
ALL SAMPLES,CV %		2.26	2.7	4.27				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate =	0.00 %							
<hr/>								
SS (HARR) CNTRL KY SVC HARRODSBURG KY 40330								
04-12-32	52418	5.21	12.08	34.07		102	CM	Bulk
05-13-41	52422	5.20	13.72	42.98		101	CM	Bulk
05-13-43	52423	5.00	13.23	43.62		101	CM	Bulk
11-00-44	52414+	11.11	0.00	45.40		101	CM	Bulk
21-11-22	52421	20.72	11.07	23.30		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (HARR) CNTRL KY SVC	HARRODSBURG KY 40330							
26-00-25	52419	25.44	0.00	26.49		99	CM	Bulk
<hr/>								
SS (HEND) HENDERSON COOP	HENDERSON KY 42420							
00-17-36	50445	0.00	18.40	36.92		101	CM	Bulk
04-11-45	52391	4.11	10.82	46.47		101	CM	Bulk
06-15-20	50444	5.97	15.39	20.90		99	CM	Bulk
06-15-20	50446	6.12	15.59	21.05		100	CM	Bulk
06-15-20	50447	6.34	15.84	22.13		103	CM	Bulk
06-15-20	50448	6.18	15.67	22.32		103	CM	Bulk
06-17-37	52393	6.21	17.29	38.11		100	CM	Bulk
08-22-28	52392+	8.32	21.65	30.94		101	CM	Bulk
08-22-30	52395	8.86	23.22	29.98		100	CM	Bulk
09-23-29	52394	9.16	23.26	29.89		100	CM	Bulk
10-34-00	51151	10.20	33.82	0.00		100	CM	Liq
10-34-00	51152	10.21	34.09	0.00		101	CM	Liq
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.96	99.07	103.13				
ALL SAMPLES,CV %		4	2.52	3.43				
NUMBER OF ANALYSIS		11	12	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (HODG) HARDIN COOP HODG BR SVC	HODGENVILLE KY 42748							
05-13-25	50459	5.48	13.43	26.69		104	CM	Bulk
05-13-25	50460	5.42	13.49	26.56		103	CM	Bulk
05-13-27	50458	6.18	15.33	31.83		115	CM	Bulk
05-14-12	51038	5.27	13.24 *	12.74		96 *	CM	Bulk
16-16-25	51044	16.72	16.12	24.92		99	CM	Bulk
18-18-18	51045	19.24	17.65	17.85		99	CM	Bulk
19-19-19	51040	19.59	18.36	20.13		100	CM	Bulk
19-19-19	51041	19.30	18.62	20.25		100	CM	Bulk
19-19-19	51043	19.37	19.30	19.28		100	CM	Bulk
22-08-24	51039	22.32	8.44	24.56		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.67	99.34	102.92				
ALL SAMPLES,CV %		5.21	5.37	5.56				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
<hr/>								
SS (HOPK) HOPKINSVILLE COOP	HOPKINSVILLE KY 42240							
06-16-21	50418	6.65	15.66	20.89		100	CM	Bulk
06-16-21	50419	6.71	17.09	22.88		105	CM	Bulk
06-17-17	50426	7.00	17.31	18.85		103	CM	Bulk
06-17-17	50427	6.95	17.67	19.56		105	CM	Bulk
07-19-33	50255	7.43	18.89	34.51		101	CM	Bulk
07-19-33	50256	7.54	18.43	34.75		101	CM	Bulk
08-22-28	50163	8.71	22.70	29.68		102	CM	Bulk
08-22-28	50164	8.57	22.21	30.64		103	CM	Bulk
09-24-26	50195+	9.36	23.78	26.86		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE KY 42240						
24-14-15	51127	24.37	15.64	17.21		103	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.13	100.38	105.07				
ALL SAMPLES,CV %		2.45	2.84	3.65				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (HORS) HORSE CAVE COOP		HORSE CAVE KY 42749						
05-13-37	50911+	4.98	12.26	36.00		97	CM	Bulk
05-13-37	50925+	5.27	12.84	37.73		100	CM	Bulk
05-13-37	50928+	5.62	14.17	35.85		100	CM	Bulk
18-30-11	50919	18.68	29.67	11.66		99	CM	Bulk
19-19-19	50922	18.58	18.50	20.77		99	CM	Bulk
19-19-19	50923	19.41	19.13	19.87		101	CM	Bulk
19-19-19	50924	19.02	19.12	20.74		101	CM	Bulk
19-19-19	50927	18.37	19.67	20.83		101	CM	Bulk
23-00-30	50926	22.91	0.00	30.73		101	CM	Bulk
24-29-00	50910	24.61	28.98	0.00		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.57	98.61	102.66				
ALL SAMPLES,CV %		3.32	3.41	3.86				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 0.00 %								
<hr/>								
SS (LAGR) KY SVC BR-LAGRANGE BR		SHELBYVILLE KY 40065						
08-21-27	51785+	8.55	21.45	28.45		102	CM	Bulk
08-21-27	51786+	8.32	21.01	28.53		102	CM	Bulk
10-25-26	51787	10.66	27.65	25.49		103	CM	Bulk
10-25-26	51788	10.63	25.75	27.35		103	CM	Bulk
10-25-26	51789	10.98	26.64	25.29		101	CM	Bulk
10-26-25	51790	10.53	26.28	26.75		102	CM	Bulk
10-26-26	51783	10.31	25.63	27.44		102	CM	Bulk
10-26-26	51784	10.56	26.03	27.23		103	CM	Bulk
19-16-21	51775	19.50	16.89	21.41		101	CM	Bulk
19-16-21	51782	20.08	17.00	21.44		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.06	101.34	101.99				
ALL SAMPLES,CV %		2.42	2.5	3.16				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (LEBA) LEBANON SVC		SPRINGFIELD KY 40069						
16-13-22	51848+	15.12	13.99	20.69 *		98	CM	Bulk
23-00-29	51847	22.35	0.00	31.12		100	CM	Bulk
<hr/>								
SS (LIBE) LIBERTY SVC		LIBERTY KY 42539						
16-11-15	51798	15.80	11.31	15.17		99	CM	Bulk
19-19-19	51796	18.57	19.73	20.18		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (LIBE) LIBERTY SVC	LIBERTY KY 42539							
19-19-19	51800	18.92	19.63	20.15		101	CM	Bulk
19-19-19	51809	18.62	19.53	19.92		102	CM	Bulk
19-19-19	51810	19.26	20.71	20.19		103	CM	Bulk
19-19-19	51812	18.91	20.65	19.86		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.86	20.05	20.06		101.5		
CV, %		1.47	2.89	0.78				
23-16-16	51811	23.84	16.64	16.79		102	CM	Bulk
24-12-18	51797	23.36	12.75	19.94		101	CM	Bulk
26-10-17	51795	25.57	10.49	18.86		101	CM	Bulk
27-11-15	51799	27.40	12.20	15.36		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.97	103.28	104.40				
ALL SAMPLES,CV %		1.55	2.66	2.17				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (LOND) LONDON COOP	LONDON KY 40741							
07-19-34	52490	7.54	19.03	34.86		99	CM	Bulk
07-19-34	52491	8.69	22.38	31.70 *		102	CM	Bulk
09-09-09	51241	10.17	10.40	10.28		107	CM	Bulk
10-10-10	50972	10.01	10.08	9.71		99	Blend	Bag
10-10-10	51243	9.83	9.60	10.15		99	Blend	Bag
10-25-26	51240	10.07	26.22	26.39		101	CM	Bulk
13-23-23	51239	14.19	23.17	23.65		101	CM	Bulk
13-27-16	51238	13.41	26.69	18.43		101	CM	Bulk
19-18-19	50964	18.28	18.67	20.50		100	CM	Bulk
19-19-19	50971	19.79	19.01	19.39		102	Mat	Bulk
19-19-19	51242	18.18	20.50	19.92		100	CM	Bulk
23-13-17	52492	22.92	12.13 *	19.21		98	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.23	100.22	102.61				
ALL SAMPLES,CV %		5.06	6.36	4.5				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 16.67 %								
<hr/>								
SS (MAYS) FLEMINGSBURG COOP-MAYSVIL	MAYSVILLE KY 41056-0668							
02-00-28	51899	2.73	0.00	28.96		103	CM	Bulk
02-00-28	51900	2.88	0.00	28.18		101	CM	Bulk
02-00-28	51901	2.96	0.00	29.89		107	CM	Bulk
03-00-27	51898	3.79	0.00	27.27		99	CM	Bulk
05-13-31	51903+	5.37	14.06	31.65		103	CM	Bulk
05-13-31	51904+	5.81	14.76	31.71		105	CM	Bulk
05-13-31	51905+	5.49	13.71	30.15		100	CM	Bulk
07-17-27	51902+	6.51	17.17	27.48		99	CM	Bulk
19-19-19	51897	19.10	18.81	19.06		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (MAYS) FLEMINGSBURG COOP-MAYSVIL	MAYSVILLE KY 41056-0668							
33-00-00	51906+	31.59 *	0.00	0.00		95 *	CM	Bulk
33-00-00	51907+	32.65	0.00	0.00		98	CM	Bulk
33-00-00	51908+	31.40 *	0.00	0.00		95 *	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.33	102.63	100.73				
ALL SAMPLES,CV %		10.88	5.1	2.47				
NUMBER OF ANALYSIS		12	5	9				
Deficiency Rate = 16.67 %								
<hr/>								
SS (MORG) MORGANFIELD COOP	MORGANFIELD KY 42437							
05-14-24	50381+	6.23	14.35	26.34		106	CM	Bulk
05-14-24	50383+	6.42	14.61	26.04		106	CM	Bulk
05-14-24	50384+	6.46	14.62	25.61		106	CM	Bulk
05-14-24	50385+	6.19	13.92	25.83		104	CM	Bulk
06-14-24	50382+	6.34	14.54	24.49		103	CM	Bulk
06-16-21	50350	7.37	17.49	21.21		104	CM	Bulk
06-16-21	50351	7.43	17.59	21.90		106	CM	Bulk
06-16-21	50378	7.21	17.01	23.58		107	CM	Bulk
06-16-21	50379	7.25	16.79	22.92		106	CM	Bulk
06-16-21	50380	7.33	16.89	23.03		106	CM	Bulk
Statistical Analysis for Grade : 06-16-21								
Number of Samples This Grade :	5							
Average Analysis :		7.32	17.15	22.53		105.8		
CV, %		1.22	2.11	4.24				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		112.41	101.63	104.84				
ALL SAMPLES,CV %		1.58	2.82	3.41				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (NICH) NICHOLASVILLE SVC	NICHOLASVILLE KY 40356							
05-05-05	52322	6.69	5.58	5.74		102	CM	Bulk
07-18-36	52323	7.39	17.22	37.25		101	CM	Bulk
44-00-00	52318+	44.33	0.00	0.00		100	CM	Bulk
44-00-00	52319+	44.36	0.00	0.00		100	CM	Bulk
<hr/>								
SS (OWEN) COOP OWENSBORO	OWENSBORO KY 42301							
11-16-32	50127	9.77 *	17.05	34.06		100	CM	Bulk
14-00-40	50120	13.52	0.00	41.70		99	CM	Bulk
14-00-40	50121	12.05 *	0.00	45.42		101	CM	Bulk
14-00-40	50122	13.47	0.00	41.60		98	CM	Bulk
19-19-19	51484	22.17	12.11 *	22.29		99	CM	Bulk
20-14-19	51444+	20.34	13.98	20.13		102	CM	Bulk
20-14-19	51445+	20.45	14.83	19.16		102	CM	Bulk
20-14-19	51473+	20.17	14.75	19.66		102	CM	Bulk
20-14-19	51474+	20.12	14.76	19.74		102	CM	Bulk
20-14-19	51475+	20.93	15.08	18.70		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (OWEN) COOP OWENSBORO OWENSBORO KY 42301								
Statistical Analysis for Grade : 20-14-19								
Average Analysis :	20.40		14.68		19.48		102.0	
CV, %	1.59		2.82		2.85			
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR	96.52		97.28		105.98			
ALL SAMPLES,CV %	9.35		16.04		4.35			
NUMBER OF ANALYSIS	10		7		10			
Deficiency Rate = 30.00 %								
<hr/>								
SS (OWENT) OWENTON COOP, INC OWENTON KY 40359								
00-00-48	52125+	0.00	0.00	49.00		102	CM	Bulk
03-08-42	52120	4.07	8.21	42.59		103	CM	Bulk
03-09-42	52115+	3.68	9.68	42.46		101	CM	Bulk
08-21-27	52116+	8.38	21.32	28.56		102	CM	Bulk
08-21-27	52117+	7.90	21.17	29.51		102	CM	Bulk
08-21-27	52118+	7.71	20.67	29.44		101	CM	Bulk
08-21-27	52119+	7.93	20.38	29.18		100	CM	Bulk
11-14-31	52122+	11.21	14.04	33.37		101	CM	Bulk
25-07-21	52113	26.86	9.19	18.24 *		101	CM	Bulk
27-00-24	52121	26.43	0.00	25.35		100	CM	Bulk
27-09-16	52114	26.73	9.86	17.18		100	CM	Bulk
29-11-11	52123	28.08 *	12.94	12.41		99	CM	Bulk
32-04-12	52126+	31.74	4.28	14.45		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR	100.64		103.50		102.87			
ALL SAMPLES,CV %	9.53		7.67		5.88			
NUMBER OF ANALYSIS	12		11		13			
Deficiency Rate = 15.38 %								
<hr/>								
SS (OWIN) OWINGSVILLE SVC OWINGSVILLE KY 40360								
09-25-25	51400	10.37	26.66	24.40		102	CM	Bulk
09-25-25	51401	9.98	25.14	26.02		101	CM	Bulk
19-19-19	51402	18.48	19.99	20.42		101	CM	Bulk
19-19-19	51403	19.44	20.76	19.08		102	CM	Bulk
19-19-19	51404	18.98	19.52	20.87		102	CM	Bulk
19-19-19	51405	19.71	18.97	20.32		102	CM	Bulk
<hr/>								
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-00	50311+	0.00	0.00	0.00			Mat	Bulk
00-00-00	50944+	0.00	0.00	0.00			Mat	Bulk
00-00-00	51150+	0.00	0.00	0.00			Mat	Bulk
00-00-22	50841+	0.00	0.00	22.12		101	Mat	Bulk
00-00-22	50849+	0.00	0.00	22.13		101	Mat	Bulk
00-00-22	50855+	0.00	0.00	22.49		102	Mat	Bulk
00-00-22	50921+	0.00	0.00	22.19		101	Mat	Bulk
00-00-22	51052+	0.00	0.00	22.08		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (RICH) COOP INC FERT DIV	RICHMOND VA	23260						
00-00-22	51246+	0.00	0.00	21.89		100	Mat	Bulk
00-00-22	52417+	0.00	0.00	21.91		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-22								
Number of Samples This Grade : 7								
Average Analysis :		0.00	0.00	22.12		100.5		
CV, %		0	0	0.91				
00-00-50	50262	0.00	0.00	50.58		101	Mat	Bulk
00-00-50	50389	0.00	0.00	50.64		101	Mat	Bulk
00-00-50	50561	0.00	0.00	50.39		101	Mat	Bulk
00-00-50	50575	0.00	0.00	50.26		101	Mat	Bulk
00-00-50	50836	0.00	0.00	51.42		103	Mat	Bulk
00-00-50	50852	0.00	0.00	51.13		102	Mat	Bulk
00-00-50	50857	0.00	0.00	51.83		104	Mat	Bulk
00-00-50	50866	0.00	0.00	51.80		104	Mat	Bulk
00-00-50	50912	0.00	0.00	50.02		100	Mat	Bulk
00-00-50	51149	0.00	0.00	49.78		100	Mat	Bulk
00-00-50	51394	0.00	0.00	51.60		103	Mat	Bulk
00-00-50	51631	0.00	0.00	50.45		101	Mat	Bulk
00-00-50	51702	0.00	0.00	51.88		104	Mat	Bulk
00-00-50	51857	0.00	0.00	51.36		103	Mat	Bulk
00-00-50	52317	0.00	0.00	48.97		98	Mat	Bulk
00-00-50	52356	0.00	0.00	50.22		100	Mat	Bulk
00-00-50	52420	0.00	0.00	50.65		101	Mat	Bulk
00-00-50	52445	0.00	0.00	51.24		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 18								
Average Analysis :		0.00	0.00	50.79		101.6		
CV, %		0	0	1.57				
00-00-60	50044	0.00	0.00	60.91		102	Mat	Bulk
00-00-60	50045	0.00	0.00	59.14		99	Mat	Bulk
00-00-60	50099	0.00	0.00	61.30		102	Mat	Bulk
00-00-60	50100	0.00	0.00	61.68		103	Mat	Bulk
00-00-60	50101	0.00	0.00	61.77		103	Mat	Bulk
00-00-60	50124	0.00	0.00	59.49		99	Mat	Bulk
00-00-60	50125	0.00	0.00	60.09		100	Mat	Bulk
00-00-60	50126	0.00	0.00	60.62		101	Mat	Bulk
00-00-60	50166	0.00	0.00	61.06		102	Mat	Bulk
00-00-60	50169	0.00	0.00	60.76		101	Mat	Bulk
00-00-60	50170	0.00	0.00	61.79		103	Mat	Bulk
00-00-60	50171	0.00	0.00	59.94		100	Mat	Bulk
00-00-60	50191	0.00	0.00	60.47		101	Mat	Bulk
00-00-60	50208	0.00	0.00	60.39		101	Mat	Bulk
00-00-60	50209	0.00	0.00	60.15		100	Mat	Bulk
00-00-60	50210	0.00	0.00	60.51		101	Mat	Bulk
00-00-60	50260	0.00	0.00	60.11		100	Mat	Bulk
00-00-60	50263	0.00	0.00	61.95		103	Mat	Bulk
00-00-60	50264	0.00	0.00	58.84		98	Mat	Bulk
00-00-60	50266	0.00	0.00	59.96		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-60	50267	0.00	0.00	59.79		100	Mat	Bulk
00-00-60	50322	0.00	0.00	61.17		102	Mat	Bulk
00-00-60	50342	0.00	0.00	60.57		101	Mat	Bulk
00-00-60	50343	0.00	0.00	59.91		100	Mat	Bulk
00-00-60	50344	0.00	0.00	59.90		100	Mat	Bulk
00-00-60	50345	0.00	0.00	60.83		101	Mat	Bulk
00-00-60	50347	0.00	0.00	59.74		100	Mat	Bulk
00-00-60	50348	0.00	0.00	59.73		100	Mat	Bulk
00-00-60	50349	0.00	0.00	60.58		101	Mat	Bulk
00-00-60	50387	0.00	0.00	60.08		100	Mat	Bulk
00-00-60	50388	0.00	0.00	60.77		101	Mat	Bulk
00-00-60	50390	0.00	0.00	61.06		102	Mat	Bulk
00-00-60	50391	0.00	0.00	60.95		102	Mat	Bulk
00-00-60	50544	0.00	0.00	61.84		103	Mat	Bulk
00-00-60	50565	0.00	0.00	61.18		102	Mat	Bulk
00-00-60	50566	0.00	0.00	59.69		99	Mat	Bulk
00-00-60	50567	0.00	0.00	60.04		100	Mat	Bulk
00-00-60	50568	0.00	0.00	59.82		100	Mat	Bulk
00-00-60	50569	0.00	0.00	60.08		100	Mat	Bulk
00-00-60	50573	0.00	0.00	59.96		100	Mat	Bulk
00-00-60	50574	0.00	0.00	61.38		102	Mat	Bulk
00-00-60	50693	0.00	0.00	61.44		102	Mat	Bulk
00-00-60	50696	0.00	0.00	61.89		103	Mat	Bulk
00-00-60	50698	0.00	0.00	61.24		102	Mat	Bulk
00-00-60	50719	0.00	0.00	60.35		101	Mat	Bulk
00-00-60	50720	0.00	0.00	61.30		102	Mat	Bulk
00-00-60	50721	0.00	0.00	60.29		100	Mat	Bulk
00-00-60	50726	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	50760	0.00	0.00	60.76		101	Mat	Bulk
00-00-60	50761	0.00	0.00	61.14		102	Mat	Bulk
00-00-60	50762	0.00	0.00	60.94		102	Mat	Bulk
00-00-60	50763	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	50838	0.00	0.00	60.68		101	Mat	Bulk
00-00-60	50847	0.00	0.00	60.88		101	Mat	Bulk
00-00-60	50848	0.00	0.00	60.45		101	Mat	Bulk
00-00-60	50850	0.00	0.00	61.24		102	Mat	Bulk
00-00-60	50858	0.00	0.00	60.27		100	Mat	Bulk
00-00-60	50859	0.00	0.00	59.86		100	Mat	Bulk
00-00-60	50860	0.00	0.00	59.61		99	Mat	Bulk
00-00-60	50865	0.00	0.00	59.65		99	Mat	Bulk
00-00-60	50901	0.00	0.00	60.89		101	Mat	Bulk
00-00-60	50916	0.00	0.00	61.38		102	Mat	Bulk
00-00-60	50917	0.00	0.00	61.89		103	Mat	Bulk
00-00-60	50945	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	50956	0.00	0.00	60.55		101	Mat	Bulk
00-00-60	50957	0.00	0.00	60.33		101	Mat	Bulk
00-00-60	50958	0.00	0.00	60.22		100	Mat	Bulk
00-00-60	50965	0.00	0.00	59.81		100	Mat	Bulk
00-00-60	51018	0.00	0.00	59.64		99	Mat	Bulk
00-00-60	51050	0.00	0.00	60.23		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-60	51051	0.00	0.00	62.19		104	Mat	Bulk
00-00-60	51086	0.00	0.00	60.44		101	Mat	Bulk
00-00-60	51087	0.00	0.00	60.91		102	Mat	Bulk
00-00-60	51102	0.00	0.00	61.98		103	Mat	Bulk
00-00-60	51107	0.00	0.00	61.57		103	Mat	Bulk
00-00-60	51108	0.00	0.00	60.90		102	Mat	Bulk
00-00-60	51132	0.00	0.00	60.08		100	Mat	Bulk
00-00-60	51136	0.00	0.00	60.91		102	Mat	Bulk
00-00-60	51244	0.00	0.00	61.48		102	Mat	Bulk
00-00-60	51296	0.00	0.00	59.69		99	Mat	Bulk
00-00-60	51398	0.00	0.00	61.36		102	Mat	Bulk
00-00-60	51399	0.00	0.00	61.41		102	Mat	Bulk
00-00-60	51480	0.00	0.00	60.65		101	Mat	Bulk
00-00-60	51481	0.00	0.00	60.01		100	Mat	Bulk
00-00-60	51482	0.00	0.00	60.05		100	Mat	Bulk
00-00-60	51483	0.00	0.00	59.23		99	Mat	Bulk
00-00-60	51540	0.00	0.00	60.09		100	Mat	Bulk
00-00-60	51598	0.00	0.00	61.05		102	Mat	Bulk
00-00-60	51601	0.00	0.00	59.96		100	Mat	Bulk
00-00-60	51602	0.00	0.00	60.57		101	Mat	Bulk
00-00-60	51603	0.00	0.00	60.39		101	Mat	Bulk
00-00-60	51648	0.00	0.00	61.96		103	Mat	Bulk
00-00-60	51662	0.00	0.00	61.42		102	Mat	Bulk
00-00-60	51663	0.00	0.00	60.83		101	Mat	Bulk
00-00-60	51667	0.00	0.00	61.00		102	Mat	Bulk
00-00-60	51678	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	51679	0.00	0.00	60.86		101	Mat	Bulk
00-00-60	51680	0.00	0.00	60.89		101	Mat	Bulk
00-00-60	51683	0.00	0.00	61.23		102	Mat	Bulk
00-00-60	51705	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	51779	0.00	0.00	61.62		103	Mat	Bulk
00-00-60	51780	0.00	0.00	60.31		101	Mat	Bulk
00-00-60	51849	0.00	0.00	61.05		102	Mat	Bulk
00-00-60	51853	0.00	0.00	61.88		103	Mat	Bulk
00-00-60	51947	0.00	0.00	61.11		102	Mat	Bulk
00-00-60	52314	0.00	0.00	60.67		101	Mat	Bulk
00-00-60	52354	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	52416	0.00	0.00	60.08		100	Mat	Bulk
00-00-60	52440	0.00	0.00	59.88		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 109								
Average Analysis :								
0.00								
CV, %								
0								
0								
1.17								
00-46-00	50306	0.00	45.73	0.00		99	Mat	Bulk
00-46-00	50307	0.00	46.10	0.00		100	Mat	Bulk
00-46-00	50308	0.00	45.92	0.00		100	Mat	Bulk
00-46-00	50309	0.00	46.04	0.00		100	Mat	Bulk
00-46-00	50310	0.00	46.47	0.00		101	Mat	Bulk
00-46-00	51131	0.00	44.97	0.00		98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
Statistical Analysis for Grade : 00-46-00								
Number of Samples This Grade : 6								
Average Analysis :		0.00	45.87	0.00		99.7		
CV, %		0	1.1	0				
10-20-15	52603+	8.70 *	21.07	14.49		98	Blend	Bag
11-52-00	50842	11.46	51.46	0.00		100	Mat	Bulk
11-52-00	50843	11.54	51.25	0.00		100	Mat	Bulk
18-46-00	50041	17.83	45.88	0.00		99	Mat	Bulk
18-46-00	50042	17.89	46.22	0.00		100	Mat	Bulk
18-46-00	50043	17.95	46.42	0.00		100	Mat	Bulk
18-46-00	50102	17.98	46.86	0.00		101	Mat	Bulk
18-46-00	50103	17.94	46.34	0.00		100	Mat	Bulk
18-46-00	50104	18.05	46.72	0.00		101	Mat	Bulk
18-46-00	50165	17.74	46.41	0.00		100	Mat	Bulk
18-46-00	50167	18.01	46.00	0.00		100	Mat	Bulk
18-46-00	50168	17.97	46.06	0.00		100	Mat	Bulk
18-46-00	50192	18.02	46.33	0.00		100	Mat	Bulk
18-46-00	50211	18.01	46.50	0.00		101	Mat	Bulk
18-46-00	50261	17.72	45.57	0.00		99	Mat	Bulk
18-46-00	50265	17.77	45.62	0.00		99	Mat	Bulk
18-46-00	50268	18.05	45.95	0.00		100	Mat	Bulk
18-46-00	50339	18.12	45.97	0.00		100	Mat	Bulk
18-46-00	50340	18.29	46.20	0.00		101	Mat	Bulk
18-46-00	50341	18.36	46.29	0.00		101	Mat	Bulk
18-46-00	50346	17.90	46.04	0.00		100	Mat	Bulk
18-46-00	50386	17.69	45.93	0.00		99	Mat	Bulk
18-46-00	50542	17.74	45.65	0.00		99	Mat	Bulk
18-46-00	50543	17.72	45.48	0.00		99	Mat	Bulk
18-46-00	50558	17.74	45.65	0.00		99	Mat	Bulk
18-46-00	50562	17.58	45.28	0.00		98	Mat	Bulk
18-46-00	50570	17.82	45.71	0.00		99	Mat	Bulk
18-46-00	50571	17.64	45.61	0.00		99	Mat	Bulk
18-46-00	50576	17.65	45.37	0.00		98	Mat	Bulk
18-46-00	50577	17.72	45.86	0.00		99	Mat	Bulk
18-46-00	50578	18.15	45.77	0.00		100	Mat	Bulk
18-46-00	50579	17.64	45.68	0.00		99	Mat	Bulk
18-46-00	50694	17.44	45.57	0.00		98	Mat	Bulk
18-46-00	50697	17.89	46.46	0.00		100	Mat	Bulk
18-46-00	50700	17.71	46.20	0.00		100	Mat	Bulk
18-46-00	50722	17.97	46.24	0.00		100	Mat	Bulk
18-46-00	50725	17.88	46.86	0.00		101	Mat	Bulk
18-46-00	50728	17.58	46.39	0.00		100	Mat	Bulk
18-46-00	50755	17.50	45.67	0.00		99	Mat	Bulk
18-46-00	50756	17.52	45.88	0.00		99	Mat	Bulk
18-46-00	50757	17.48	46.37	0.00		100	Mat	Bulk
18-46-00	50758	17.66	46.59	0.00		100	Mat	Bulk
18-46-00	50835	17.92	46.11	0.00		100	Mat	Bulk
18-46-00	50853	17.86	45.85	0.00		100	Mat	Bulk
18-46-00	50856	17.90	46.09	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
18-46-00	50863	17.76	45.51	0.00		99	Mat	Bulk
18-46-00	50899	17.53	46.03	0.00		99	Mat	Bulk
18-46-00	50915	17.71	45.20	0.00		98	Mat	Bulk
18-46-00	50920	17.58	45.38	0.00		98	Mat	Bulk
18-46-00	50941	17.70	45.54	0.00		99	Mat	Bulk
18-46-00	50942	17.49	46.58	0.00		100	Mat	Bulk
18-46-00	50962	17.62	46.45	0.00		100	Mat	Bulk
18-46-00	50966	17.64	45.96	0.00		99	Mat	Bulk
18-46-00	51019	17.59	45.78	0.00		99	Mat	Bulk
18-46-00	51048	18.04	44.97	0.00		99	Mat	Bulk
18-46-00	51049	17.72	45.70	0.00		99	Mat	Bulk
18-46-00	51084	17.79	45.03	0.00		98	Mat	Bulk
18-46-00	51085	17.27	45.38	0.00		98	Mat	Bulk
18-46-00	51106	17.73	45.43	0.00		99	Mat	Bulk
18-46-00	51135	17.45	45.83	0.00		99	Mat	Bulk
18-46-00	51137	17.77	45.92	0.00		99	Mat	Bulk
18-46-00	51245	17.51	45.56	0.00		98	Mat	Bulk
18-46-00	51295	18.05	45.88	0.00		100	Mat	Bulk
18-46-00	51297	17.88	46.20	0.00		100	Mat	Bulk
18-46-00	51396	17.53	46.21	0.00		99	Mat	Bulk
18-46-00	51397	17.74	46.46	0.00		100	Mat	Bulk
18-46-00	51476	18.08	45.89	0.00		100	Mat	Bulk
18-46-00	51477	17.83	45.35	0.00		99	Mat	Bulk
18-46-00	51536	17.87	45.20	0.00		99	Mat	Bulk
18-46-00	51595	17.89	46.66	0.00		101	Mat	Bulk
18-46-00	51596	17.89	46.65	0.00		101	Mat	Bulk
18-46-00	51597	17.88	47.12	0.00		101	Mat	Bulk
18-46-00	51600	17.87	46.97	0.00		101	Mat	Bulk
18-46-00	51632	17.78	46.42	0.00		100	Mat	Bulk
18-46-00	51647	17.86	45.66	0.00		99	Mat	Bulk
18-46-00	51664	18.13	45.35	0.00		99	Mat	Bulk
18-46-00	51666	17.86	45.93	0.00		100	Mat	Bulk
18-46-00	51668	17.98	46.00	0.00		100	Mat	Bulk
18-46-00	51669	17.89	46.03	0.00		100	Mat	Bulk
18-46-00	51674	17.80	46.12	0.00		100	Mat	Bulk
18-46-00	51675	17.88	45.77	0.00		99	Mat	Bulk
18-46-00	51676	17.95	46.08	0.00		100	Mat	Bulk
18-46-00	51681	17.83	46.60	0.00		101	Mat	Bulk
18-46-00	51682	18.00	46.08	0.00		100	Mat	Bulk
18-46-00	51684	17.79	46.66	0.00		101	Mat	Bulk
18-46-00	51701	17.92	45.50	0.00		99	Mat	Bulk
18-46-00	51778	17.71	46.08	0.00		100	Mat	Bulk
18-46-00	51850	17.76	45.65	0.00		99	Mat	Bulk
18-46-00	51854	17.74	45.61	0.00		99	Mat	Bulk
18-46-00	51949	17.59	46.26	0.00		100	Mat	Bulk
18-46-00	52108	19.05	47.07	0.00		104	Mat	Bulk
18-46-00	52315	17.10	44.68	0.00		96 *	Mat	Bulk
18-46-00	52353	17.69	46.09	0.00		100	Mat	Bulk
18-46-00	52438	17.71	46.19	0.00		100	Mat	Bulk
18-46-00	52439	17.67	46.11	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 92								
Average Analysis :		17.81	45.98	0.00		99.6		
CV, %		1.37	1.05	0				
21-00-00	50123+	21.41	0.00	0.00		102	Mat	Bulk
21-00-00	50846+	21.05	0.00	0.00		100	Mat	Bulk
21-00-00	50861+	21.27	0.00	0.00		101	Mat	Bulk
21-00-00	50961+	20.88	0.00	0.00		99	Mat	Bulk
21-00-00	51082+	20.73	0.00	0.00		99	Mat	Bulk
21-00-00	51083+	20.87	0.00	0.00		99	Mat	Bulk
21-00-00	51138+	20.40	0.00	0.00		97	Mat	Bulk
21-00-00	51478+	21.28	0.00	0.00		101	Mat	Bulk
21-00-00	51777+	21.18	0.00	0.00		101	Mat	Bulk
21-00-00	51781+	21.30	0.00	0.00		101	Mat	Bulk
21-00-00	51851+	21.20	0.00	0.00		101	Mat	Bulk
21-00-00	51856+	21.32	0.00	0.00		102	Mat	Bulk
Statistical Analysis for Grade : 21-00-00								
Number of Samples This Grade : 12								
Average Analysis :		21.07	0.00	0.00		100.4		
CV, %		1.42	0	0				
27-00-00	52610	28.05	0.00	0.00		104	Blend	Bag
27-00-00	52655	27.93	0.00	0.00		103	Mnfr	Bag
27-00-00	52660	27.86	0.00	0.00		103	Mnfr	Bag
32-00-00	52695	31.81	0.00	0.00		99	Mat	Liq
32-00-00	52696	32.34	0.00	0.00		101	Mat	Liq
34-00-00	50563	33.89	0.00	0.00		101	Mat	Bulk
34-00-00	50564	34.24	0.00	0.00		102	Mat	Bulk
34-00-00	50960	33.56	0.00	0.00		100	Mat	Bulk
34-00-00	52601+	33.56	0.00	0.00		99	Blend	Bag
34-00-00	52605+	33.43	0.00	0.00		98	Blend	Bag
34-00-00	52654+	30.86 *	0.00	0.00		91 *	Blend	Bag
34-00-00	52669	34.50	0.00	0.00		103	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 7								
Average Analysis :		33.43	0.00	0.00		99.2		
CV, %		3.6	0	0				
46-00-00	50559	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50560	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	50572	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	50580	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50695	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	50699	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	50723	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	50724	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	50727	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	50729	45.96	0.00	0.00		100	Mat	Bulk
46-00-00	50759	45.76	0.00	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
46-00-00	50837	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50844	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	50845	45.85	0.00	0.00		100	Mat	Bulk
46-00-00	50851	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	50854	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	50862	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	50864	45.87	0.00	0.00		100	Mat	Bulk
46-00-00	50900	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	50913	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	50914	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50918	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	50943	45.76	0.00	0.00		99	Mat	Bulk
46-00-00	50959	45.70	0.00	0.00		99	Mat	Bulk
46-00-00	50963	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	50967	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	50968	45.73	0.00	0.00		99	Mat	Bulk
46-00-00	50969	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	50970	45.73	0.00	0.00		99	Mat	Bulk
46-00-00	51046	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51047	45.80	0.00	0.00		100	Mat	Bulk
46-00-00	51088	45.82	0.00	0.00		100	Mat	Bulk
46-00-00	51089	45.73	0.00	0.00		99	Mat	Bulk
46-00-00	51103	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51104	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51105	45.56	0.00	0.00		99	Mat	Bulk
46-00-00	51133	45.83	0.00	0.00		100	Mat	Bulk
46-00-00	51134	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	51247	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51393	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	51395	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	51461	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51479	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	51539	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51599	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	51625	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51649	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	51665	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51677	46.10	0.00	0.00		100	Mat	Bulk
46-00-00	51685	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51703	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	51704	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51852	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51855	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	51858	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	51859	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	52107	45.77	0.00	0.00		100	Mat	Bulk
46-00-00	52316	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	52355	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	52415	46.15	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 60								
Average Analysis :		46.01	0.00	0.00		100.0		
CV, %		0.37	0	0				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.48	99.98	101.07				
ALL SAMPLES,CV %		1.87	1.18	1.29				
NUMBER OF ANALYSIS		179	101	135				
Deficiency Rate = 1.24 %								
<hr/>								
SS (RICH) RICHMOND SVC RICHMOND KY 40475								
00-00-58	52531+	0.00	0.00	57.78		99	CM	Bulk
07-19-34	52413	7.24	19.68	34.67		100	CM	Bulk
10-26-25	52412	10.19	26.00	25.43		99	CM	Bulk
10-26-25	52529	10.62	25.93	25.78		100	CM	Bulk
11-16-31	52410	11.46	16.09	32.19		100	CM	Bulk
11-16-31	52411	11.69	16.10	32.44		101	CM	Bulk
19-19-19	52530	19.56	19.28	18.98		100	CM	Bulk
31-09-10	52532	31.55	9.37	10.74		99	CM	Bulk
31-09-10	52533	31.88	9.17	10.73		99	CM	Bulk
31-09-10	52534	31.22	9.49	11.10		99	CM	Bulk
31-09-10	52535	31.55	9.53	10.48		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.02	97.23	101.17				
ALL SAMPLES,CV %		2.54	3.07	2.38				
NUMBER OF ANALYSIS		10	10	11				
Deficiency Rate = 0.00 %								
<hr/>								
SS (RUSS) COOP, INC. RUSSELLVILLE KY 42276								
05-10-15	52257	5.77	11.08	20.14	*	126	Blend	Bag
15-15-15	52609	14.56	15.11	14.27		98	Blend	Bag
<hr/>								
SS (RUSS) RUSSELLVILLE COOP RUSSELLVILLE KY 42276								
09-15-30	50403+	9.42	15.32	30.36		100	CM	Bulk
09-15-30	50404+	9.20	15.03	30.64		100	CM	Bulk
09-15-30	50405+	9.61	15.37	29.51		99	CM	Bulk
09-15-30	50406+	9.47	15.50	29.39		99	CM	Bulk
09-15-30	50409+	9.53	15.40	28.97		98	CM	Bulk
Statistical Analysis for Grade : 09-15-30								
Number of Samples This Grade : 5								
Average Analysis :		9.45	15.32	29.77		99.5		
CV, %		1.64	1.16	2.35				
<hr/>								
09-23-24	50407+	8.92	22.90	23.75		98	CM	Bulk
09-23-24	50408+	8.77	22.92	24.51		99	CM	Bulk
09-23-24	50410+	8.81	23.20	24.17		99	CM	Bulk
20-00-20	50219+	20.94	0.00	21.28		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (RUSS) RUSSELLVILLE COOP		RUSSELLVILLE KY 42276						
20-00-20	50220+	20.67	0.00	21.38		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.76	99.97	99.48				
ALL SAMPLES,CV %		2.17	0.96	2.42				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE KY 40065						
06-17-37	52441	6.63	17.16	38.68		102	CM	Bulk
07-18-35	52436	7.55	19.89	35.40		102	CM	Bulk
07-18-35	52444	7.25	18.31	36.99		102	CM	Bulk
07-19-34	52446	7.47	19.59	35.61		101	CM	Bulk
07-19-34	52447	7.92	20.07	34.86		102	CM	Bulk
11-03-17	52442	11.39	3.28	18.88		106	CM	Bulk
11-03-17	52443	10.75	3.13	18.94		104	CM	Bulk
14-00-15	52434	14.51	0.00	16.73		103	CM	Bulk
19-00-30	52435	19.55	0.00	30.51		102	CM	Bulk
27-14-11	52437+	27.05	15.43	12.18		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.95	103.32	103.57				
ALL SAMPLES,CV %		2.83	3.74	2.69				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (SOME) SOMERSET COOP		SOMERSET KY 42503						
11-07-34	51379	11.98	7.46	34.14		100	CM	Bulk
19-11-25	51380	19.19	11.32	26.21		100	CM	Bulk
19-19-19	51378	18.57	19.05	20.70		100	CM	Bulk
19-19-19	51382	17.33 *	20.64	20.76		100	CM	Bulk
19-19-19	51383	19.09	19.79	20.17		101	CM	Bulk
19-19-19	51384	18.95	19.01	20.65		101	CM	Bulk
19-19-19	51385	18.19	19.89	20.47		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.43	19.68	20.55		100.5		
CV, %		3.83	3.43	1.16				
22-11-22	51381	20.97	10.48	23.80		99	CM	Bulk
23-00-30	51376	21.93	0.00	31.42		100	CM	Bulk
28-15-00	51377	28.62	15.68	0.00		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.55	100.46	105.07				
ALL SAMPLES,CV %		3.71	3.57	2.44				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 10.00 %								
<hr/>								
SS (SPRI) LEBANON-SPRINGFIELD BR		SPRINGFIELD KY 40069						
07-00-50	51468	7.15	0.00	50.57		100	CM	Bulk
16-11-30	51463	15.77	11.06	31.37		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (SPRI) LEBANON-SPRINGFIELD BR		SPRINGFIELD KY 40069						
16-11-30	51464	16.03	10.91	31.64		102	CM	Bulk
23-14-10	51469	23.21	14.16	10.60		101	CM	Bulk
30-00-20	51470	30.14	0.00	21.09		101	CM	Bulk
31-09-12	51462	31.91	8.09 *	12.43		100	CM	Bulk
31-09-12	51465	31.90	9.30	11.76		101	CM	Bulk
31-09-12	51467	31.07	9.92	12.24		101	CM	Bulk
34-00-15	51466	32.79 *	0.00	15.70		97	CM	Bulk
34-00-15	51471	34.12	0.00	16.26		101	CM	Bulk
34-00-15	51472	34.82	0.00	16.46		103	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.31	98.00	104.18				
ALL SAMPLES,CV %		2.42	6.84	3.16				
NUMBER OF ANALYSIS		11	6	11				
Deficiency Rate = 18.18 %								
<hr/>								
SS (STAN) STANFORD SVC		STANFORD KY 40484						
03-09-47	52556+	4.26	8.68	47.79		101	CM	Bulk
04-11-44	51538+	4.75	11.38	45.95		102	CM	Bulk
04-11-44	52560+	4.78	11.70	45.70		102	CM	Bulk
11-08-16	52570	11.72	8.03	17.66		102	CM	Bulk
21-10-23	51537	21.89	10.02	24.64		102	CM	Bulk
23-04-14	52571	25.28	4.84	14.01		103	CM	Bulk
23-04-14	52572	24.14	4.49	15.06		102	CM	Bulk
27-00-20	52557	27.51	0.00	20.74		101	CM	Bulk
28-00-19	52559	28.94	0.00	18.87		100	CM	Bulk
32-06-12	52558	31.74	6.22	13.16		99	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.99	98.47	101.96				
ALL SAMPLES,CV %		5.78	3.7	3.19				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
<hr/>								
SS (WARS) GALLATIN SVC		SHELBYVILLE KY 40065						
08-22-29	51948	9.05	22.97	30.87		102	CM	Bulk
08-22-30	51950	8.36	21.74	32.58		101	CM	Bulk
09-23-30	51946	9.03	23.31	30.56		101	CM	Bulk
17-17-17	51943	17.83	18.66	17.60		100	CM	Bulk
25-09-18	51292+	25.93	9.04	19.27		101	CM	Bulk
25-09-18	51293+	26.36	9.10	18.69		101	CM	Bulk
25-09-18	51294+	25.71	9.06	19.29		100	CM	Bulk
29-10-13	51944	29.55	10.02	13.66		100	CM	Bulk
29-10-13	51945	29.56	9.82	14.13		101	CM	Bulk
29-10-13	51951	29.95	9.98	13.37		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (WARS) GALLATIN SVC SHELBYVILLE KY 40065								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.38	97.66	102.05				
ALL SAMPLES,CV %		1.9	3.48	2.52				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate =	0.00 %							
<hr/>								
SS (WINC) CLARK COOP WINCHESTER KY 40391								
17-14-21	52578	17.80	15.43	21.49		100	CM	Bulk
19-08-24	52583	17.42 *	9.19	24.79		99	CM	Bulk
19-08-24	52584	18.21	8.69	25.16		101	CM	Bulk
19-19-19	52581	19.18	20.18	19.62		101	CM	Bulk
19-19-19	52582	19.28	20.38	18.89		101	CM	Bulk
27-00-19	52579	26.91	0.00	21.24		102	CM	Bulk
27-00-19	52580	28.11	0.00	20.71		103	CM	Bulk
27-13-13	52574	26.86	14.47	13.74		101	CM	Bulk
27-13-13	52575	26.99	12.92	14.91		100	CM	Bulk
28-04-17	52577	28.53	9.75	14.70 *	*	103	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.69	118.57	101.18				
ALL SAMPLES,CV %		3.74	37.53	6.26				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate =	20.00 %							
<hr/>								
SS (WINC) COOP, INC. WINCHESTER KY 40391								
00-10-30	52604+	0.00	10.91	29.42		101	Blend	Bag
05-10-15	51911	5.42	10.46	15.56		105	Blend	Bag
05-10-15	52607	5.38	10.03	16.00		105	Blend	Bag
05-10-15	52629	5.06	10.19	15.63		103	Blend	Bag
05-20-20	51707	7.71	19.69	21.51		110	Blend	Bag
05-20-20	52600	8.01	20.26	18.67 *		106	Blend	Bag
05-20-20	52628	8.19	20.54	19.31		109	Blend	Bag
09-18-27	52631	9.16	17.91	27.00		100	Blend	Bag
09-18-27	52651	9.05	18.74	25.75		98	Blend	Bag
10-10-10	50018	10.26	10.09	10.32		102	Blend	Bag
10-10-10	50909	9.10 *	10.17	9.38		95 *	Blend	Bag
10-10-10	51077	11.03	10.66	9.96		106	Blend	Bag
10-10-10	51226	9.45	9.43	9.71		95 *	Blend	Bag
10-10-10	51568	11.29	10.50	11.09		110	Blend	Bag
10-10-10	51708	10.02	9.14	9.30		95 *	Blend	Bag
10-10-10	51752	10.78	10.55	11.09		108	Blend	Bag
10-10-10	51910	11.14	10.89	11.20		111	Blend	Bag
10-10-10	52258	9.76	9.67	10.45		99	Blend	Bag
10-10-10	52341	10.96	10.80	10.81		109	Blend	Bag
10-10-10	52561	9.94	10.42	10.21		102	Blend	Bag
10-10-10	52596	9.27	9.21	9.05 *		92 *	Blend	Bag
10-10-10	52597	11.23	11.49	10.76		112	Blend	Bag
10-10-10	52602	10.24	10.49	10.19		103	Blend	Bag
10-10-10	52608	9.49	9.26	10.81		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SS (WINC) COOP, INC.	WINCHESTER KY 40391							
10-10-10	52633	9.73	11.05	9.51		101	Blend	Bag
10-10-10	52652	9.84	10.97	10.53		104	Blend	Bag
10-10-10	52653	12.12	11.47	11.51		117	Blend	Bag
10-10-10	52657	9.30	9.98	9.35		95 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 19								
Average Analysis :		10.26	10.33	10.28		102.9		
CV, %		8.27	7.07	7.16				
10-20-20	50946	9.85	20.50	20.22		101	Blend	Bag
10-20-20	51225	10.72	21.73	19.06		103	Blend	Bag
10-20-20	52630	10.31	19.80	20.21		101	Blend	Bag
12-12-12	52528	11.74	12.45	12.09		100	Blend	Bag
15-15-15	50947	13.45 *	12.82 *	14.13		90 *	Blend	Bag
19-19-19	50188	19.70	19.40	18.99		102	Blend	Bag
19-19-19	51583	18.93	18.76	20.40		102	Blend	Bag
19-19-19	51706	18.27	18.61	20.37		100	Blend	Bag
19-19-19	51909	18.65	19.28	18.65		99	Blend	Bag
19-19-19	52037	18.16	19.93	20.80		103	Blend	Bag
19-19-19	52259	19.39	19.34	19.12		102	Blend	Bag
19-19-19	52340	18.95	18.04	20.06		100	Blend	Bag
19-19-19	52562	19.24	18.52	19.88		101	Blend	Bag
19-19-19	52595	19.74	19.62	19.11		103	Blend	Bag
19-19-19	52598	19.86	19.49	18.86		102	Blend	Bag
19-19-19	52599	19.49	19.50	18.86		102	Blend	Bag
19-19-19	52606	17.74	20.41	19.31		100	Blend	Bag
19-19-19	52632	19.37	20.61	18.65		103	Blend	Bag
19-19-19	52656	18.87	18.59	19.97		101	Blend	Bag
19-19-19	52661	19.38	19.33	19.07		101	Blend	Bag
19-19-19	52681	17.88	18.38	20.60		99	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 16								
Average Analysis :		18.98	19.24	19.54		101.2		
CV, %		3.53	3.75	3.77				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.03	102.12	101.96				
ALL SAMPLES,CV %		14.78	5.71	5.59				
NUMBER OF ANALYSIS		48	49	49				
Deficiency Rate = 14.29 %								
<hr/>								
STANLEY CROP SERVICE LLC	OWENSBORO KY 42301							
00-00-50	51936	0.00	0.00	53.92		108	Mat	Bulk
00-00-60	50317	0.00	0.00	60.45		101	Mat	Bulk
00-00-60	50318	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	50319	0.00	0.00	59.90		100	Mat	Bulk
00-00-60	50320	0.00	0.00	60.69		101	Mat	Bulk
00-00-60	51932	0.00	0.00	59.95		100	Mat	Bulk
00-00-60	51933	0.00	0.00	63.51		106	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
STANLEY CROP SERVICE LLC OWENSBORO KY 42301								
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 6								
Average Analysis :		0.00	0.00	60.77		101.3		
CV, %		0	0	2.26				
00-46-00	50315	0.00	45.96	0.00		100	Mat	Bulk
00-46-00	50316	0.00	46.26	0.00		101	Mat	Bulk
09-23-30	50492	8.41	23.56	29.33		98	CM	Bulk
09-23-30	50493	9.21	23.37	31.60		103	CM	Bulk
09-23-30	50494	8.63	22.65	30.50		99	CM	Bulk
09-23-30	50495	8.90	22.27	31.50		101	CM	Bulk
09-23-30	51928	8.63	22.73	31.59		101	CM	Bulk
09-23-30	51929	8.42	21.68	31.93		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		8.70	22.71	31.08		100.6		
CV, %		3.53	3.06	3.16				
18-46-00	50321	17.33	46.63	0.00		99	Mat	Bulk
18-46-00	51931	17.64	46.21	0.00		100	Mat	Bulk
18-46-00	51934	17.97	46.87	0.00		101	Mat	Bulk
21-00-00	51930+	21.06	0.00	0.00		100	Mat	Bulk
46-00-00	51935	46.14	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.70	99.69	102.85				
ALL SAMPLES,CV %		2.98	2.46	3.11				
NUMBER OF ANALYSIS		11	11	13				
Deficiency Rate = 0.00 %								
<hr/>								
SUN BULB COMPANY, INC. ARCADIA FL 34265								
11-35-15	50059+	12.02	36.71	14.47		104	Mnfr	Bag
11-35-15	51344+	11.78	35.62	15.73		104	Blend	Bag
20-14-13	50065+	20.48	14.31	13.72		103	Blend	Bag
<hr/>								
SUNLEAVES GARDEN PRODUCTS BLOOMINGTON IN 47404								
00-10-00	52645	0.00	10.54	0.00		105	Mnfr	Bag
08-03-01	52644+	10.00	3.93	1.16		126	Mnfr	Bag
<hr/>								
SWISS FARMS PRODUCTS, INC. LAS VEGAS NV 89169								
09-09-06	51693	9.13	9.53	6.16		103	Blend	Bag
12-05-07	51012+	12.04	5.28	5.97 *		97	Blend	Bag
12-05-07	51527+	11.83	5.32	6.85		100	Blend	Bag
12-05-07	51696+	12.45	5.01	6.82		101	Blend	Bag
12-05-07	51720+	11.99	4.68	8.53		104	Mnfr	Bag
12-05-07	52586+	12.24	5.21	7.06		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
SWISS FARMS PRODUCTS, INC. LAS VEGAS NV 89169								
Statistical Analysis for Grade : 12-05-07								
Number of Samples This Grade : 5								
Average Analysis :		12.11	5.10	7.05		101.0		
CV, %		1.98	5.16	13.18				
12-06-10	51694+	12.33	5.48	10.54		101	Blend	Bag
12-10-05	51695+	13.22	11.03	4.77		108	Blend	Bag
12-10-05	51713+	11.61	9.43	6.00		100	Blend	Bag
20-27-05	51692	19.57	27.10	5.06		99	Blend	Bag
20-27-05	52585	19.26	27.68	5.05		100	Blend	Bag
29-00-03	51714	29.33	0.00	3.35		102	Blend	Bag
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.92	101.34	103.38				
ALL SAMPLES,CV %		3.7	5.97	9.96				
NUMBER OF ANALYSIS		12	11	12				
Deficiency Rate = 8.33 %								
<hr/>								
T AND N, INC	FORISTELL MO 63348							
25-00-02	51831	25.46	0.00	1.33 *		100	Blend	Bag
25-00-06	51830	24.29	0.00	6.39		99	Blend	Bag
26-00-03	51832	25.25	0.00	2.75		97 *	Blend	Bag
<hr/>								
TENNESSEE FARMERS COOP LAVERGNE TN 37086								
10-10-10	51066	10.12	10.01	10.04		101	Blend	Bag
15-15-15	52367	14.74	15.15	14.60		99	Blend	Bag
19-19-19	51067	17.69	20.27	20.07		101	Blend	Bag
32-00-00	51029	31.68	0.00	0.00		99	Mat	Liq
<hr/>								
THE ANDERSONS INC MAUMEE OH 43537								
06-18-06	51487+	5.93	17.93	6.34		101	Blend	Liq
06-18-06	51604+	6.10	17.90	6.28		101	Blend	Liq
19-19-19	52615	19.98	18.96	17.95		100	Blend	Bag
<hr/>								
THE ANDERSONS INC (GALVESTON) GALVESTON IN 46932								
09-18-09	51938+	8.77	17.51	8.65		97	Blend	Liq
<hr/>								
THE SCOTTS CO. MARYSVILLE OH 43041								
11-02-02	50491+	10.48	3.12	1.99		102	Mnfr	Bag
12-04-08	51499+	13.26	4.97	8.71		112	Blend	Bag
12-55-06	51711+	12.01	54.68	6.07		100	Mnfr	Bag
14-14-14	51500	14.12	13.75	14.77		101	Mnfr	Bag
14-14-14	51738	13.97	13.79	13.84		99	Mnfr	Bag
15-09-12	51640+	16.04	8.85	12.13		103	Mnfr	Bag
15-09-12	52344+	16.26	9.62	12.02		106	Blend	Bag
24-25-04	50017	25.35	24.66	3.81		102	Blend	Bag
24-25-04	50096+	25.56	25.15	4.12		104	Blend	Bag
24-25-04	50692	25.15	25.26	3.99		103	Blend	Bag
24-25-04	50778	23.62	25.09	3.94		99	Mnfr	Bag
24-25-04	51561	25.62	24.23	3.70		102	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
THE SCOTTS CO. MARYSVILLE OH 43041								
24-25-04	51734	25.36	23.17 *	4.24		100	Blend	Bag
Statistical Analysis for Grade : 24-25-04								
Number of Samples This Grade : 6								
Average Analysis :		25.11	24.59	3.97		101.8		
CV, %		2.98	3.24	4.98				
28-00-10	50094+	28.85	0.00	10.32		103	Blend	Bag
30-00-04	51715+	30.60	0.00	4.32		103	Blend	Bag
32-00-04	51712+	31.90	0.00	4.32		100	Mnfr	Bag
32-00-10	50029	32.44	0.00	10.62		102	Blend	Bag
32-00-10	50095+	33.11	0.00	9.75		102	Blend	Bag
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.29	105.52	101.83				
ALL SAMPLES,CV %		3.8	16.07	4.53				
NUMBER OF ANALYSIS		18	13	18				
Deficiency Rate = 5.56 %								
<hr/>								
THOMAS CAYCE FARM SUPPY, LLC PRINCETON KY 42445								
00-00-50	50516	0.00	0.00	50.57		101	Mat	Bulk
00-00-60	50074	0.00	0.00	60.11		100	Mat	Bulk
00-00-60	50075	0.00	0.00	61.31		102	Mat	Bulk
00-00-60	50076	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	50514	0.00	0.00	61.34		102	Mat	Bulk
00-00-60	50515	0.00	0.00	60.53		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 5								
Average Analysis :		0.00	0.00	60.78		101.3		
CV, %		0	0	0.87				
07-19-25	50181	8.01	19.81	25.75		101	CM	Bulk
07-19-25	50182	7.71	19.98	25.97		101	CM	Bulk
10-26-25	50184	9.77	25.74	26.14		99	CM	Bulk
10-26-25	50185	10.19	26.70	24.87		99	CM	Bulk
11-28-22	50183	11.03	27.67	24.10		100	CM	Bulk
11-28-22	50186	11.08	28.74	23.06		101	CM	Bulk
11-28-22	50187	11.26	28.25	23.25		101	CM	Bulk
12-16-21	50416+	12.04	17.10	21.41		100	CM	Bulk
13-22-22	51123	13.45	20.53 *	23.09		100	CM	Bulk
18-46-00	50071	18.18	46.50	0.00		101	Mat	Bulk
18-46-00	50073	18.40	46.74	0.00		102	Mat	Bulk
18-46-00	50511	17.65	45.81	0.00		99	Mat	Bulk
18-46-00	50512	17.75	45.96	0.00		99	Mat	Bulk
20-00-00	50072+	20.61	0.00	0.00		101	Mat	Bulk
21-11-14	51122	20.49	10.18 *	17.89		101	CM	Bulk
34-00-00	50513	34.01	0.00	0.00		102	Mat	Bulk
34-00-00	50517	33.47	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
THOMAS CAYCE FARM SUPPLY, LLC PRINCETON KY 42445								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.93	99.05	102.21				
ALL SAMPLES,CV %		2.05	3.94	4.94				
NUMBER OF ANALYSIS		17	14	16				
Deficiency Rate =	8.70 %							
<hr/>								
TIGER-SUL PRODUCTS, LLC ATMORE AL 36504								
00-00-00	50189+	0.00	0.00	0.00			Mat	Bag
00-00-00	51428+	0.00	0.00	0.00			Mat	Bag
<hr/>								
TRI COUNTY FERT. RICHMOND KY 40475-2014								
00-00-60	51645	0.00	0.00	60.93		102	Mat	Bulk
09-23-00	52351	9.23	23.65	0.00		103	CM	Bulk
09-23-30	52345	8.77	22.35	30.82		100	CM	Bulk
09-23-30	52347	8.58	21.78	30.99		99	CM	Bulk
18-18-19	52350	18.35	18.78	19.90		100	CM	Bulk
18-46-00	51644	17.92	45.47	0.00		99	Mat	Bulk
18-46-00	52352	17.25	45.81	0.00		98	Mat	Bulk
23-00-24	52348	23.54	0.00	24.84		101	CM	Bulk
27-11-15	52349	26.07	11.67	16.68		100	CM	Bulk
46-00-00	51646	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	52346	46.08	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.29	99.09	104.14				
ALL SAMPLES,CV %		2.61	2.7	3.5				
NUMBER OF ANALYSIS		10	7	6				
Deficiency Rate =	0.00 %							
<hr/>								
U.S. BORAX INC. BORON CA 93516								
00-00-00	51837+	0.00	0.00	0.00			Mat	Bag
<hr/>								
UNLIMITED RENEWABLES LLC ONALASKA WI 54650								
05-03-02	52321+	4.49 *	3.18	2.93		104	Mat	Bag
<hr/>								
VALLEY FARM CTR INC. MONTICELLO KY 42633								
00-00-60	52298	0.00	0.00	60.86		101	Mat	Bulk
18-46-00	52297	17.63	45.60	0.00		99	Mat	Bulk
46-00-00	52299	45.17	0.00	0.00		98	Mat	Bulk
<hr/>								
VALLEY FERTILIZER SVC. EDMONTON KY 42129								
17-17-17	51343	18.26	18.11	18.02		103	CM	Bulk
19-19-19	51338	18.93	18.36	21.02		100	CM	Bulk
19-19-19	51339	19.96	20.14	19.44		104	Mat	Bulk
19-19-19	51341	20.07	19.89	18.28		100	CM	Bulk
20-00-29	51342	20.53	0.00	30.62		102	CM	Bulk
22-06-25	51337	22.05	6.58	27.19		102	CM	Bulk
27-13-13	51321	26.79	12.92	14.40		99	CM	Bulk
27-13-13	51322	27.51	14.35	13.00		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
VALLEY FERTILIZER SVC.	EDMONTON KY 42129							
27-13-13	51323	26.48	14.45	14.39		101	CM	Bulk
27-13-13	51340	26.95	13.51	15.08		102	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.22	100.83	104.33				
ALL SAMPLES,CV %		2.79	4.35	4.97				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
<hr/>								
VOLUNTARY PURCHASING	BONHAM TX 75418							
06-07-07	50016	5.77	6.76	6.11 *		93	*	Blend
21-00-00	51762+	21.03	0.00	0.00		100	Blend	Bag
<hr/>								
WARNER FERT CO. (ALBA)	ALBANY KY 42602							
00-00-30	52675	0.00	0.00	28.59 *		95	*	Bulk
10-26-26	52671	10.31	24.85	27.62		101	CM	Bulk
10-26-26	52672	10.34	25.18	26.91		100	CM	Bulk
10-26-26	52673	10.60	25.93	25.94		101	CM	Bulk
13-21-21	52195	13.69	22.36	19.64 *		99	CM	Bulk
18-16-22	52674	17.79	16.76	23.79		101	CM	Bulk
21-11-22	52194	21.76	12.11	21.74		100	CM	Bulk
23-11-11	52196	24.64	10.94	10.84		100	CM	Bulk
23-37-00	52193	22.48	37.68	0.00		99	CM	Bulk
27-13-13	52676	26.22	14.93	14.14		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.22	100.56	100.33				
ALL SAMPLES,CV %		4.06	5.38	6.13				
NUMBER OF ANALYSIS		9	9	9				
Deficiency Rate = 20.00 %								
<hr/>								
WARNER FERT CO. (CAMP)	CAMPBELLSVILLE KY 42718							
08-08-08	52082	8.86	9.01	9.02		111	CM	Bulk
15-19-25	52076	15.12	20.03	23.97		100	CM	Bulk
17-17-17	50955	18.48	17.58	17.09		100	CM	Bulk
18-17-22	52077	17.51	17.34	22.99		99	CM	Bulk
19-19-19	52078	18.28	19.58	20.82		100	CM	Bulk
19-19-19	52081	18.32	18.71	21.03		100	CM	Bulk
20-15-15	52080	20.87	14.84	15.20		101	CM	Bulk
22-12-12	52075	23.23	12.22	12.01		100	CM	Bulk
23-16-16	52083	23.06	16.37	17.06		100	CM	Bulk
33-09-09	52079	32.07	9.00	9.65		98	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.95	100.60	102.76				
ALL SAMPLES,CV %		4.78	4.08	5.37				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
WARNER FERT CO. (COLU)	COLUMBIA KY 42728							
06-17-36	52203	6.74	17.66	37.29		100	CM	Bulk
06-17-36	52205	7.05	17.91	36.72		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
WARNER FERT CO. (COLU)	COLUMBIA KY 42728							
09-23-30	52199	8.69	22.49	31.15		100	CM	Bulk
17-17-17	52202	16.93	18.53	17.94		103	CM	Bulk
17-17-17	52204	17.20	18.30	17.25		99	CM	Bulk
19-19-19	51235	19.58	18.74	19.81		100	CM	Bulk
19-19-19	52200	18.18	19.07	21.02		100	CM	Bulk
22-08-17	52197+	21.26	8.23	17.17		99	CM	Bulk
22-08-17	52198+	21.18	8.39	16.45		98	CM	Bulk
24-12-18	52201	24.68	12.52	17.94		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.75	100.42	102.24				
ALL SAMPLES,CV %		2.63	3.3	3.47				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
WARNER FERT CO. (EAST)	EAST BERNSTADT KY 40729							
27-11-14	52489	27.43	11.96	15.00		101	CM	Bulk
<hr/>								
WARNER FERT CO. (LIBE)	LIBERTY KY 42539							
19-19-19	51805	18.62	19.93	19.10		99	CM	Bulk
19-19-19	51807	18.54	19.73	20.24		100	CM	Bulk
19-19-19	51808	18.60	20.36	20.26		101	CM	Bulk
19-19-19	52588	19.64	19.29	19.74		101	CM	Bulk
19-19-19	52589	19.22	19.63	19.65		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.92	19.79	19.80		100.4		
CV, %		2.57	2	2.42				
<hr/>								
WARNER FERT CO. (MONT)	MONTICELLO KY 42633							
07-18-36	52294	7.14	18.27	36.04		100	CM	Bulk
07-18-36	52295	7.19	17.99	36.24		100	CM	Bulk
07-18-36	52482	7.19	18.78	36.45		101	CM	Bulk
07-18-36	52483	6.97	18.39	37.50		102	CM	Bulk
07-18-36	52485	7.14	18.39	37.51		102	CM	Bulk
Statistical Analysis for Grade : 07-18-36								
Number of Samples This Grade : 5								
Average Analysis :		7.13	18.36	36.75		101.0		
CV, %		1.27	1.55	1.92				
09-23-30	52480	8.97	22.84	30.28		100	CM	Bulk
09-23-30	52481	8.30	22.88	30.82		100	CM	Bulk
17-17-17	52293	18.15	17.45	17.82		100	CM	Bulk
21-12-14	52484	21.08	11.37	16.11		100	CM	Bulk
22-08-14	52479+	21.82	7.83	14.29		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
WARNER FERT CO. (MONT) MONTICELLO KY 42633								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.85	98.63	102.96				
ALL SAMPLES,CV %		2.78	2.43	2.96				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
<hr/>								
WARNER FERT CO. (NAN) NANCY KY 42544								
11-11-32	51803	12.40	10.83	32.01		100	CM	Bulk
14-09-28	51802	14.38	10.77	27.57		100	CM	Bulk
15-09-27	51801	15.56	9.51	27.32		101	CM	Bulk
17-17-17	51804	17.97	17.72	17.16		99	CM	Bulk
17-17-17	51817	18.35	17.32	17.46		100	CM	Bulk
17-17-17	51819	19.10	17.85	17.27		102	CM	Bulk
18-06-23	51386	17.90	6.07	25.17		101	CM	Bulk
18-06-23	51818	19.97	6.54	21.60 *		100	CM	Bulk
21-09-14	51388+	21.51	10.18	15.37		101	CM	Bulk
22-10-15	51387	22.28	10.27	14.55		100	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.51	100.92	98.72				
ALL SAMPLES,CV %		4.4	5.65	4.18				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
<hr/>								
WARNER FERT CO. (RUSS) RUSSELL SPRINGS KY 42642								
10-25-26	52487	9.64	24.90	26.03		97	CM	Bulk
10-25-26	52488	9.40	25.08	28.06		100	CM	Bulk
12-08-10	52686	13.71	8.27	10.25		102	CM	Bulk
19-19-19	52069	21.03	19.24	17.81 *		101	CM	Bulk
25-11-17	52070	26.06	11.57	17.03		100	CM	Bulk
25-11-17	52073	25.04	12.80	17.75		101	CM	Bulk
31-07-13	52072	30.43	6.96	13.69		98	CM	Bulk
31-07-13	52074	30.35	7.36	14.90		101	CM	Bulk
<hr/>								
WARNER FERT CO. (SOM) SOMERSET KY 42502								
00-00-60	50190	0.00	0.00	59.39		99	Mat	Bulk
00-00-60	50303	0.00	0.00	61.27		102	Mat	Bulk
00-00-60	50703	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	50704	0.00	0.00	61.32		102	Mat	Bulk
00-00-60	50741	0.00	0.00	60.86		101	Mat	Bulk
00-00-60	50743	0.00	0.00	60.46		101	Mat	Bulk
00-00-60	50744	0.00	0.00	61.78		103	Mat	Bulk
00-00-60	50800	0.00	0.00	61.17		102	Mat	Bulk
00-00-60	50802	0.00	0.00	60.83		101	Mat	Bulk
00-00-60	50872	0.00	0.00	57.23 *		95 *	Mat	Bulk
00-00-60	50874	0.00	0.00	59.06		98	Mat	Bulk
00-00-60	50880	0.00	0.00	59.42		99	Mat	Bulk
00-00-60	50894	0.00	0.00	59.12		99	Mat	Bulk
00-00-60	50903	0.00	0.00	60.73		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
WARNER FERT CO. (SOM)	SOMERSET KY 42502							
00-00-60	50950	0.00	0.00	59.69		99	Mat	Bulk
00-00-60	51021	0.00	0.00	60.73		101	Mat	Bulk
00-00-60	51024	0.00	0.00	59.07		98	Mat	Bulk
00-00-60	51070	0.00	0.00	60.68		101	Mat	Bulk
00-00-60	51541	0.00	0.00	59.73		100	Mat	Bulk
00-00-60	51806	0.00	0.00	59.66		99	Mat	Bulk
00-00-60	52071	0.00	0.00	61.33		102	Mat	Bulk
00-00-60	52206	0.00	0.00	60.58		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 22								
Average Analysis :		0.00	0.00	60.23		100.4		
CV, %		0	0	1.78				
06-12-12	50888	6.27	12.65	11.45		101	Blend	Bag
07-20-20	51389	7.03	18.76	21.55		101	Blend	Bag
07-20-20	51731	7.55	19.27	19.56		99	Blend	Bag
07-20-20	52296	7.98	20.62	21.47		107	Blend	Bag
10-05-10	51816	9.58	4.48 *	9.97		92 *	CM	Bulk
10-10-10	50879	9.37	8.90 *	10.58		96 *	Blend	Bag
10-10-10	50887	8.92 *	9.31	9.55		92 *	Blend	Bag
10-10-10	51074	8.36 *	9.74	11.44		97	Blend	Bag
10-10-10	51544	10.47	9.80	11.96		107	Blend	Bag
10-10-10	51613	9.75	10.09	11.17		103	Blend	Bag
10-10-10	51615	9.27	9.16	9.95		94 *	Blend	Bag
10-10-10	51730	7.59 *	8.77 *	11.20		91 *	Blend	Bag
10-10-10	52084	10.49	10.64	8.88 *		100	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 8								
Average Analysis :		9.28	9.55	10.59		97.6		
CV, %		10.73	6.65	9.93				
12-24-24	51515	12.18	24.38	25.07		100	CM	Bulk
12-24-24	51732	11.93	24.89	24.36		102	Blend	Bag
15-15-15	50877	15.25	16.86	15.63		106	Blend	Bag
15-15-15	51616	15.63	16.19	16.98		108	Blend	Bag
15-15-15	51728	15.36	18.23	16.04		109	Blend	Bag
18-46-00	50701	17.77	47.03	0.00		101	Mat	Bulk
18-46-00	50707	17.59	45.86	0.00		99	Mat	Bulk
18-46-00	50737	17.53	46.70	0.00		100	Mat	Bulk
18-46-00	50742	17.92	46.57	0.00		101	Mat	Bulk
18-46-00	50745	17.77	46.71	0.00		101	Mat	Bulk
18-46-00	50748	17.35	46.31	0.00		99	Mat	Bulk
18-46-00	50798	17.82	45.69	0.00		99	Mat	Bulk
18-46-00	50799	17.73	45.49	0.00		99	Mat	Bulk
18-46-00	50871	17.76	45.51	0.00		99	Mat	Bulk
18-46-00	50873	17.65	45.31	0.00		98	Mat	Bulk
18-46-00	50885	17.92	45.66	0.00		99	Mat	Bulk
18-46-00	50886	17.83	45.63	0.00		99	Mat	Bulk
18-46-00	50893	17.54	45.80	0.00		99	Mat	Bulk
18-46-00	50902	17.57	45.37	0.00		98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
WARNER FERT CO. (SOM)	SOMERSET KY 42502							
18-46-00	50951	17.55	45.55	0.00		99	Mat	Bulk
18-46-00	50952	17.58	46.17	0.00		99	Mat	Bulk
18-46-00	51020	17.44	45.73	0.00		99	Mat	Bulk
18-46-00	51022	17.50	46.04	0.00		99	Mat	Bulk
18-46-00	51069	17.61	45.46	0.00		98	Mat	Bulk
18-46-00	51542	17.37	46.09	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 20								
Average Analysis :		17.64	45.93	0.00		99.2		
CV, %		0.96	1.09	0				
19-19-19	50878	17.91	19.10	19.51		99	Blend	Bag
19-19-19	50889	18.17	20.84	17.72 *		99	Blend	Bag
19-19-19	51073	18.19	18.75	19.76		99	Blend	Bag
19-19-19	51516	18.59	19.20	21.03		101	CM	Bulk
19-19-19	51517	19.63	18.68	20.49		101	CM	Bulk
19-19-19	51518	18.56	19.19	20.73		100	CM	Bulk
19-19-19	51614	19.11	19.82	20.00		103	Blend	Bag
19-19-19	51729	19.77	18.97	18.29		100	Blend	Bag
19-19-19	51733	18.25	19.85	20.25		102	Blend	Bag
19-19-19	51753	17.70	18.84	20.07		99	Blend	Bag
19-19-19	51813	18.23	19.21	20.57		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 11								
Average Analysis :		18.56	19.31	19.86		100.3		
CV, %		3.64	3.28	5.14				
20-10-10	51072	18.58	11.33	10.75		100	Blend	Bag
22-11-21	51513	22.34	12.40	21.15		100	CM	Bulk
22-11-21	51519	21.43	11.68	22.76		100	CM	Bulk
26-08-17	51514	26.25	8.66	19.57		101	CM	Bulk
27-11-10	51814+	26.69	12.35	10.79		100	CM	Bulk
27-13-13	51815	25.20 *	14.86	15.33		100	CM	Bulk
34-00-00	50801	33.73	0.00	0.00		99	Mat	Bulk
34-00-00	50875	34.05	0.00	0.00		100	Mat	Bulk
34-00-00	50876	34.02	0.00	0.00		100	Mat	Bulk
34-00-00	50883	34.07	0.00	0.00		100	Mat	Bulk
34-00-00	50884	34.16	0.00	0.00		100	Mat	Bulk
34-00-00	50948	34.11	0.00	0.00		100	Mat	Bulk
34-00-00	50949	34.12	0.00	0.00		100	Mat	Bulk
34-00-00	51023	33.88	0.00	0.00		100	Mat	Bulk
34-00-00	51071	34.22	0.00	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 9								
Average Analysis :		34.04	0.00	0.00		100.1		
CV, %		0.44	0	0				
46-00-00	50702	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	50705	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	50706	45.84	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
WARNER FERT CO. (SOM)	SOMERSET KY 42502							
46-00-00	50738	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	50739	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	50740	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	50746	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	50747	45.87	0.00	0.00		100	Mat	Bulk
46-00-00	50796	45.89	0.00	0.00		100	Mat	Bulk
46-00-00	50797	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50869	45.78	0.00	0.00		100	Mat	Bulk
46-00-00	50870	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	50881	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50882	45.80	0.00	0.00		100	Mat	Bulk
46-00-00	50891	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	50892	45.51	0.00	0.00		99	Mat	Bulk
46-00-00	50904	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50953	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	50954	45.87	0.00	0.00		100	Mat	Bulk
46-00-00	51025	45.59	0.00	0.00		99	Mat	Bulk
46-00-00	51068	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51543	46.04	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 22								
Average Analysis :		45.95	0.00	0.00		99.9		
CV, %		0.39	0	0				
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.48	100.60	102.89				
ALL SAMPLES,CV %		4.6	6.33	5.52				
NUMBER OF ANALYSIS		86	55	57				
Deficiency Rate = 9.26 %								
<hr/>								
WARNER FERT CO. (STANF)	STANFORD KY 40484							
06-17-36	52336	7.00	17.38	37.16		100	CM	Bulk
08-20-32	52409	8.49	22.09	31.86		101	CM	Bulk
15-00-40	52337	13.91 *	0.00	41.72		100	CM	Bulk
15-06-28	52406	15.31	6.06	29.88		102	CM	Bulk
19-19-19	52334	19.26	19.55	19.84		101	CM	Bulk
19-19-19	52338	18.98	21.12	18.99		101	CM	Bulk
19-19-19	52339	19.17	19.40	20.67		102	CM	Bulk
19-19-19	52407	18.33	20.81	20.03		101	CM	Bulk
19-19-19	52408	18.13	19.81	20.45		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.77	20.14	20.00		101.0		
CV, %		2.73	3.86	3.26				
25-00-27	52335	24.15	0.00	29.21		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
WARNER FERT CO. (STANF) STANFORD KY 40484								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.35	102.03	103.17				
ALL SAMPLES,CV %		3.91	5.27	3.32				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 10.00 %								
<hr/>								
WARNER FERT CO. (TOMPK) TOMPKINSVILLE KY 42167								
19-19-19	51313	18.68	20.35	19.98		101	CM	Bulk
19-19-19	51314	19.48	20.32	19.04		101	CM	Bulk
19-19-19	51316	19.37	19.64	19.42		100	CM	Bulk
19-19-19	51318	18.93	20.82	19.07		101	CM	Bulk
22-17-16	51317	21.71	18.22	17.26		100	CM	Bulk
26-13-13	51312	25.87	13.42	14.97		100	CM	Bulk
27-00-24	51311	27.47	0.00	24.90		101	CM	Bulk
27-13-13	51315	26.85	15.03	14.01		102	CM	Bulk
27-13-13	51319	26.48	15.16	13.70		101	CM	Bulk
27-13-13	51320	26.98	13.93	14.41		101	CM	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.05	105.05	102.76				
ALL SAMPLES,CV %		1.81	3.81	3.33				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
<hr/>								
WATERWAY AG INC. METROPOLIS IL 62960								
34-00-00	50689	33.32	0.00	0.00		99	Mat	Bulk
<hr/>								
WINFIELD SOLUTIONS LLC ST. PAUL MN 55164								
00-00-00	50077+	0.00	0.00	0.00			Mat	Bag
07-00-00	51128+	8.26	0.00	0.00		118	Blend	Liq
10-10-10	50906	9.44	8.38 *	8.64 *		89 *	Blend	Bag
10-10-10	51555	10.32	11.88	12.56		115	Blend	Bag
18-24-06	51761	18.50	24.51	5.88		102	Blend	Bag
<hr/>								
WOLF TRAX WINNIPEG MB R3T 6E3								
00-00-00	50636+	0.00	0.00	0.00			Blend	Bag
00-00-00	50637+	0.00	0.00	0.00			Blend	Bag
<hr/>								
WOLF TRAX USA INC GRAND FORKS ND 58201								
00-00-00	51427+	0.00	0.00	0.00			Mnfr	Bag
04-25-00	51426+	4.83	25.27	0.00		105	Mnfr	Bag
<hr/>								
WOODFORD FEED CO. VERSAILLES KY 40383								
00-00-54	52306+	0.00	0.00	55.71		101	CM	Bulk
00-00-56	52303+	0.00	0.00	56.37		100	CM	Bulk
00-00-60	52300	0.00	0.00	60.39		101	Mat	Bulk
06-15-40	52304	6.31	15.96	39.39		101	CM	Bulk
18-46-00	52301	17.50	45.76	0.00		99	Mat	Bulk
20-03-25	52305	20.70	3.70	27.39		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
<hr/>								
WOODFORD FEED CO.	VERSAILLES KY 40383							
26-00-25	52307	26.33	0.00	28.19		104	CM	Bulk
26-00-25	52309	24.25 *	0.00	28.54		101	CM	Bulk
29-00-18	52448	28.91	0.00	19.93		101	CM	Bulk
29-00-19	52308+	28.86	0.00	20.21		101	CM	Bulk
41-07-00	52449	40.87	7.45	0.00		99	CM	Bulk
41-07-00	52450	40.78	7.67	0.00		99	CM	Bulk
46-00-00	52302	46.11	0.00	0.00		100	Mat	Bulk
<hr/>								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.79	99.46	104.41				
ALL SAMPLES,CV %		3.27	3	4.3				
NUMBER OF ANALYSIS		10	5	9				
Deficiency Rate = 7.69 %								
<hr/>								
YIELD PLUS INC CAPE GIRARDEAU MO 63702								
09-24-03	51939	8.79	23.50	3.31		99	Blend	Liq
09-24-03	51940	9.02	23.36	3.27		99	Blend	Liq
<hr/>								
ZINC NACIONAL S.A. MONTERREY N.L.								
00-00-00	51836+	0.00	0.00	0.00			Mat	Bag

TABLE 2. RESULTS OF THE ANALYSES OF CERTAIN OFFICIAL FERTILIZER SAMPLES FOR SECONDARY AND MINOR ELEMENTS, WATER INSOLUBLE NITROGEN(WIN), COATED SLOW RELEASE NITROGEN(CSRN), AND OCCLUDED SLOW RELEASE NITROGEN (OSRN). Deficiencies are indicated with an asterisk(*).

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AGRI-CHEM LLC (HERN)		HERNDON	KY		
	52327	30-11-11	Zn	00.34	00.37
AGRI-CHEM LLC (HOPK)		HOPKINSVILLE	KY		
	50157	05-25-29	B	00.40	00.29*
AGRIPORT TERMINAL		EDDYVILLE	KY		
	50131	08-22-28	B	00.54	00.48
AGRIUM ADVANCED TECHNOLOGIES U	LOVELAND		CO		
	51429	00-00-00	Ca	10.00	10.06
			Mg	05.00	04.83
			S	01.50	03.73
	52659	02-00-00	B	10.00	09.78
			S	14.00	15.50
			Zn	20.00	20.58
AGRIUM ADVANCED TECHNOLOGIES U	REESE		MI		
	50794	02-00-00	S	14.00	14.45
			Zn	20.00	23.37
AGRIUM U.S. INC. (DENV)	DENVER		CO		
	50235	05-15-30	Mg	01.00	01.28
	52369	06-12-18	Zn	00.10	00.15
	52539	06-12-18	Mg	01.00	00.64*
			S	05.00	13.86
			Mn	00.10	00.02*
	52368	13-13-13	Zn	00.10	00.10
			Mg	01.00	01.20
			S	09.00	11.74
			B	00.20	00.08*
			Fe	00.10	00.35
			Mn	00.20	00.25
	52540	13-13-13	Zn	00.10	00.07*
			Mg	01.00	01.72
			S	09.00	10.99
			B	00.05	00.13
			Fe	00.10	00.44
			Mn	00.20	00.61
	50751	44-00-00	CSRN	44.00	43.82
AGRO CULTURE LIQUID FERT.	ST. JOHNS		MI		
	50895	00-00-00	S	08.70	09.01
			Mn	00.07	00.08
			Zn	00.07	00.07

ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2014 - 2015
TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AGRO CULTURE LIQUID FERT.		ST. JOHNS	MI		
	50897	00-00-00	B	00.02	00.01
			Cu	00.25	00.32
			Fe	00.37	00.36
			Mn	01.20	01.13
			Zn	01.80	01.63
	51497	00-00-00	B	00.02	00.01
			Cu	00.25	00.36
			Fe	00.37	00.39
			Mn	01.20	01.19
			Zn	01.80	01.64
	51498	00-00-00	S	08.70	08.78
			Mn	00.07	00.08
	51688	00-00-00	B	00.02	00.02
			Cu	00.25	00.34
			Fe	00.37	00.41
			Mn	01.20	01.23
			Zn	01.80	01.77
	52332	00-00-00	B	00.02	00.01*
			Cu	00.25	00.25
			Fe	00.37	00.34
			Mn	01.20	01.06*
			Zn	01.80	01.55*
	52537	00-00-00	S	17.00	17.48
			Fe	00.25	00.17*
			Mn	00.25	00.04*
	50896	02-00-10	S	06.00	04.27*
	51689	02-00-10	S	06.00	06.06
	50898	09-24-03	Fe	00.10	00.27
	50933	09-24-03	Fe	00.10	00.31
	50935	09-24-03	Fe	00.10	00.30
	51687	09-24-03	Fe	00.10	00.24
	52593	12-03-03	S	01.50	01.58
			Fe	00.10	00.10
			Mn	00.05	00.06
			Zn	00.10	00.10
	52619	12-03-03	S	01.50	01.56
			Fe	00.10	00.11
			Mn	00.05	00.06
			Zn	00.10	00.10
	52620	24-00-00	S	01.00	01.11
ALLEN COUNTY FARMERS SERVICE		SCOTTSVILLE	KY		
	51172	14-20-24	S	01.83	03.37
			B	00.02	00.02
			Cu	00.03	00.03
AMERICAN PLANT FOOD CORPORATIO		GALENA PARK	TX		
	51270	21-00-00	S	24.00	24.24

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AZOMITE MINERAL PRODUCT (ADMIN	NEPHI		UT		
	52320	00-00-00	Ca Mg	01.80 00.50	03.89 00.49
BALLARD COUNTY COOPERATIVE	LA CENTER		KY		
	52229	08-22-28	Mg S	01.23 00.62	01.66 01.94
	50271	21-00-00	SO4	24.00	23.80
BANDANA AG INC.	LA CENTER		KY		
	50433	04-17-34	SO4	02.14	02.26
	50556	12-40-00	SO4	10.00	09.81
BICKETT AGRI CTR.	CENTRAL CITY		KY		
	52056	08-20-26	S B Zn	03.60 00.20 00.72	05.08 00.33 00.76
	52057	08-20-26	S B Zn	03.60 00.20 00.72	04.54 00.20 00.78
	52058	08-20-26	S B Zn	03.60 00.20 00.72	05.34 00.21 00.84
	52059	08-20-26	S B Zn	03.60 00.20 00.72	05.65 00.30 00.74
	52060	08-20-26	S B Zn	03.60 00.20 00.72	05.03 00.26 00.59*
	52061	08-20-26	S B Zn	03.60 00.20 00.72	05.13 00.23 00.72
	52062	08-20-26	S B Zn	03.60 00.20 00.72	04.68 00.23 00.76
	52063	08-20-26	S B Zn	03.60 00.20 00.72	04.60 00.24 00.78
	52064	08-20-26	S B Zn	03.60 00.20 00.72	05.34 00.30 00.84
	52065	08-20-26	B Zn	00.20 00.72	00.26 00.68
BLUEGRASS SEED/FERT INC.	BARDSTOWN		KY		
	51867	15-11-14	Ca S	05.49 04.00	05.68 04.99

ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2014 - 2015
 TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
BLUEGRASS SEED/FERT INC.		BARDSTOWN	KY		
	51868	15-11-14	Ca	05.49	06.05
			S	04.00	05.17
	51872	20-07-09	Ca	06.76	07.42
			S	04.92	05.91
	51878	20-07-09	Ca	06.76	07.06
			S	04.92	05.69
BOTANICARE		CHAN DLER	AZ		
	52642	02-00-00	Ca	03.20	03.28
			Mg	01.20	01.03
			Fe	00.10	00.09
BRANDT CONSOLIDATED INC		SPRINGFIELD	IL		
	51937	04-00-00	S	03.00	03.62
			B	00.25	00.27
			Mn	03.00	03.17
			Zn	03.00	03.09
BRIDGEWELL RESOURCES		CLACKAMAS	OR		
	52555	09-03-07	WIN	08.10	08.58
C. D. POORE FERTILIZER		ALBANY	KY		
	52688	07-07-14	S	04.60	05.33
	52187	08-13-17	B	00.30	00.25
			Zn	00.53	00.53
	52188	08-13-17	B	00.30	00.31
			Zn	00.53	00.60
	52189	08-13-17	B	00.30	00.25
			Zn	00.53	00.56
	51547	21-00-00	S	24.00	23.85
	52677	38-00-00	S	07.97	07.97
	52687	41-00-00	S	04.62	04.82
CAMERON CHEMICALS, INC.		PORTSMOUTH	VA		
	50868	00-00-00	B	15.00	14.86
	50890	00-00-00	S	05.00	08.86
			B	01.00	01.29
			Cu	01.00	01.63
			Mn	05.00	05.62
			Zn	20.00	23.01
	51460	00-00-00	B	15.00	14.63
	52128	00-00-00	S	09.00	13.39
			Zn	36.00	38.80
	52342	00-00-00	B	15.00	14.49

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CECILIA FARM SVC INC.		CECILIA	KY		
	51094	02-06-50	B	00.25	00.25
	51096	09-23-26	B	00.45	00.32*
	51098	12-13-31	B	00.37	00.34
CENTRAL CROP CARE		CRAB ORCHARD	KY		
	52662	00-00-17	Mg	08.68	08.32
			B	01.18	01.18
			Cu	00.63	00.65
			Zn	02.84	03.08
	50781	00-00-22	Mg	10.50	11.58
	52664	03-08-30	Mg	05.02	04.87
			B	00.05	00.05
			Cu	00.13	00.11
			Zn	00.76	00.68
	52026	16-12-20	Mg	02.75	02.69
	52663	20-17-17	B	00.12	00.16
			Zn	01.09	00.81*
CENTRAL GARDEN & PET GARDEN DI		ATLANTA	GA		
	52637	02-00-00	WIN	00.70	00.58
			Fe	00.58	00.72
CGB FERTILIZER		JEFFERSONVILLE	IN		
	50818	21-00-00	S	24.00	24.84
CHARAH INC		LOUISVILLE	KY		
	50394	00-00-00	Ca SO4	22.00 16.00	21.27 17.37
CHS		ST. PAUL	MN		
	50819	21-00-00	S	24.00	24.24
	51967	21-00-00	S	24.00	24.45
CLEMENTS AG SUPP.		SPRINGFIELD	KY		
	52098	11-14-11	B	00.13	00.12
			Zn	00.32	00.29
	52097	17-14-11	B	00.13	00.14
			Zn	00.32	00.31
	52094	18-00-13	S	07.66	08.73
	52101	19-04-16	S	11.47	11.82
	52102	19-04-16	S	11.47	11.48
	52103	19-04-16	S	11.47	11.86
	52095	20-00-00	B	01.00	00.95
	52096	20-00-00	B	01.00	00.99

ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2014 - 2015
 TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CLEMENTS AG SUPP.		SPRINGFIELD	KY		
	52703	21-00-00	S	24.00	23.54
CROP PRODUCTION SVC (CADIZ)		CADIZ	KY		
	51001	03-15-39	B	00.53	00.38*
	50499	04-10-40	Zn	00.91	01.06
	50500	04-10-40	Zn	00.91	01.32
	50501	04-10-40	Zn	00.91	01.00
	51124	13-04-22	Mg	04.88	05.11
CROP PRODUCTION SVC (CAMP)		CAMPBELLSVILLE	KY		
	51618	16-18-19	S	03.84	04.40
CROP PRODUCTION SVC (CLA)		CLAY	KY		
	52141	05-17-34	S	04.28	04.28
			Zn	00.43	00.41
	52142	05-17-34	S	04.28	04.97
			Zn	00.43	00.46
	52146	05-17-34	S	04.28	04.56
			Zn	00.43	00.44
	52138	11-17-26	S	04.38	04.85
			Zn	00.44	00.47
CROP PRODUCTION SVC (CLAR)		CLARKSON	KY		
	51215	14-16-27	B	00.08	00.09
CROP PRODUCTION SVC (FANC)		FANCY FARM	KY		
	51163	18-12-15	S	08.46	09.29
CROP PRODUCTION SVC (GLEN)		GLENDALE	KY		
	51201	12-11-23	S	09.00	09.26
CROP PRODUCTION SVC (HOD)		HODGENVILLE	KY		
	51060	09-19-23	Zn	01.04	01.08
CROP PRODUCTION SVC (HOR)		HORSECAVE	KY		
	51278	05-13-40	B	00.40	00.39
CROP PRODUCTION SVC (PEM)		PEMBROKE	KY		
	50999	31-20-00	B	00.67	00.68
CROP PRODUCTION SVC (RIVERPORT)		OWENSBORO	KY		
	52383	09-19-29	S	01.80	02.82
			Zn	00.20	00.23

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC (RIVERPORT)		OWENSBORO	KY		
	52382	09-19-30	S	01.80	02.50
			Zn	00.20	00.29
	52385	18-14-22	S	01.33	01.97
			Zn	00.15	00.23
CROP PRODUCTION SVC (RUSSEL)		RUSSELLVILLE	KY		
	52066	08-26-20	S	06.67	05.45*
			Zn	00.67	00.49*
	52067	08-26-20	S	06.67	05.07*
			Zn	00.67	00.46*
	52068	08-26-20	S	06.67	05.89*
			Zn	00.67	00.52*
	50278	10-19-24	SO ₄	03.99	04.83
	50279	10-19-24	SO ₄	03.99	04.70
CROP PRODUCTION SVC (SCHOC)		RUSSELLVILLE	KY		
	50400	07-13-14	SO ₄	02.32	03.03
	50401	07-13-14	SO ₄	02.32	02.65
	50402	07-13-14	SO ₄	02.32	03.03
CROP PRODUCTION SVC (SED)		SEDALIA	KY		
	51164	32-00-00	S	12.00	12.36
CROP PRODUCTION SVC (SHEL)		SHELBYVILLE	KY		
	52424	00-00-57	Ca	00.48	00.54
			Mg	00.24	00.32
			S	00.07	00.21
			B	00.48	00.42
	52451	04-11-29	Ca	05.62	05.44
			S	04.09	04.38
	52453	09-02-02	Ca	12.36	15.39
			S	08.99	09.43
	52452	28-00-00	S	17.14	17.21
CROP PRODUCTION SVC (UPT)		UPTON	KY		
	51204	12-05-37	B	00.25	00.23
	51203	15-10-28	B	00.07	00.07
			Zn	00.41	00.35*
CROP PRODUCTION SVC (WAV)		WAVERLY	KY		
	51347	05-18-31	S	04.65	05.12
			Zn	00.47	00.49
	51348	05-18-31	S	04.65	05.10
			Zn	00.47	00.47

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC (WAV)		WAVERLY	KY		
	51430	05-18-31	S	04.65	05.07
			Zn	00.47	00.49
	51431	05-18-31	S	04.65	04.88
			Zn	00.47	00.48
	51349	07-24-24	S	06.00	06.65
			Zn	00.60	00.66
	51350	07-24-24	S	06.00	06.41
			Zn	00.60	00.63
	51432	07-24-24	S	06.00	06.17
			Zn	00.60	00.62
	51345	08-26-19	S	06.67	06.88
			Zn	00.67	00.67
	51346	08-26-19	S	06.67	07.45
			Zn	00.67	00.72
	51433	08-26-20	S	06.67	07.21
			Zn	00.67	00.73
CROP PRODUCTION SVC INC		GREELEY	CO		
	50769	00-00-00	Ca	21.00	21.83
			S	17.00	17.11
	51147	00-00-00	S	16.00	17.81
	50618	00-00-22	Mg	11.00	10.49
			SO4	22.00	22.60
	51008	00-00-22	Mg	11.00	10.99
			S	22.00	24.37
	51142	00-00-22	Mg	11.00	11.22
			S	22.00	21.48
	50532	05-15-30	Mg	01.00	01.25
			B	00.10	00.13
			Mn	00.50	00.51
			Zn	00.15	00.20
	50116	12-40-00	SO4	05.00	05.08
	50151	12-40-00	SO4	05.00	05.53
			Zn	01.00	01.15
	50298	12-40-00	SO4	05.00	05.62
			Zn	01.00	01.13
	50305	12-40-00	SO4	05.00	05.30
			Zn	01.00	01.10
	50827	12-40-00	S	10.00	11.18
			Zn	01.00	01.00
	50932	12-40-00	S	10.00	11.62
			Zn	01.00	01.05
	50937	12-40-00	Zn	01.00	01.04
	51652	12-40-00	S	10.00	10.63
			Zn	01.00	00.98
	50609	20-00-00	SO4	24.00	25.85
	50619	20-00-00	SO4	24.00	25.14
	50785	20-00-00	S	24.00	24.13
	50786	20-00-00	S	24.00	23.70

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC INC		GREELEY	CO		
	50236	21-00-00	SO4	24.00	23.65
	50535	21-00-00	SO4	24.00	23.65
	51148	21-00-00	S	24.00	23.97
	51287	26-00-00	S	02.30	02.03
	51144	43-00-00	CSRN	40.00	42.69
	50533	44-00-00	CSRN	44.00	44.49
	50606	44-00-00	CSRN	40.00	42.29
	50620	44-00-00	CSRN	44.00	44.03
	50718	44-00-00	CSRN	44.00	43.58
	50734	44-00-00	CSRN	44.00	44.04
	50774	44-00-00	CSRN	44.00	44.17
	50826	44-00-00	CSRN	40.00	41.53
	50929	44-00-00	CSRN	40.00	41.69
	50936	44-00-00	CSRN	40.00	42.75
	51159	44-00-00	CSRN	40.00	44.09
	51411	44-00-00	CSRN	40.00	43.32
	51489	44-00-00	CSRN	40.00	43.31
	51494	44-00-00	CSRN	40.00	43.67
	51653	44-00-00	CSRN	40.00	43.85
DARLING INTL-GRIFFIN INDUSTRIE		COLD SPRING	KY		
	52542	05-06-05	WIN	04.30	04.58
			Ca	05.00	06.41
			Mg	01.00	03.11
			S	05.00	06.92
	50480	05-06-06	WIN	04.50	05.08
	52543	05-06-06	WIN	04.50	05.13
			Ca	07.00	05.07*
			Mg	01.50	03.75
			S	04.00	08.58
	50487	07-12-00	WIN	05.90	06.04
			Ca	10.00	12.00
	50479	08-03-05	WIN	07.20	07.35
			Ca	03.00	03.70
			Mg	02.20	02.79
	52544	08-03-05	WIN	07.20	06.94
			Ca	03.00	03.92
			Mg	02.20	02.58
			S	04.00	06.09
	50482	08-05-05	WIN	06.80	09.30
			Ca	04.50	04.10
	52545	08-05-05	WIN	06.80	06.29
			Ca	04.50	07.16
			S	01.00	02.77
	50489	09-00-09	WIN	08.00	09.81
	52546	09-00-09	WIN	08.00	07.77
			Ca	01.80	02.34
			S	03.00	05.84
	50490	10-00-08	WIN	09.00	09.42
			Ca	01.00	00.84

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
DARLING INTL-GRIFFIN INDUSTRIE		COLD SPRING	KY		
	52547	10-00-08	WIN	09.00	08.47
			Ca	01.00	00.89
			S	03.00	04.00
	50481	10-02-08	WIN	09.00	09.49
			Ca	01.80	02.04
	52548	10-02-08	WIN	09.00	08.58
			Ca	01.80	02.62
			S	03.00	05.39
	52549	12-00-06	WIN	05.80	06.29
			Ca	01.00	03.50
			S	08.00	08.08
	50484	12-02-06	WIN	05.60	06.35
			Ca	02.00	02.77
	52550	12-02-06	WIN	05.60	06.33
			Ca	02.00	03.11
			S	08.00	08.23
	50483	13-00-00	WIN	12.04	12.85
	52551	13-00-00	WIN	12.04	11.49
	50488	18-00-04	WIN	10.02	10.07
	52552	18-00-04	WIN	10.02	10.33
			S	03.00	05.17
	50486	21-03-07	WIN	02.10	04.06
			Ca	02.00	04.36
	52553	21-03-07	WIN	02.10	03.19
			Ca	02.00	03.73
			S	02.00	02.77
	50485	27-00-02	WIN	03.30	03.81
			Ca	01.00	01.86
	52554	27-00-02	WIN	03.30	02.71*
			Ca	01.00	03.12
DELTAG		GREENVILLE	MS		
	50907	00-00-00	S	02.00	03.14
			Mn	02.00	02.40
			Zn	02.00	02.32
	50908	00-00-00	S	02.00	03.02
			Mn	02.00	02.31
			Zn	02.00	02.21
	52541	03-17-00	Cu	00.25	00.25
			Zn	00.50	00.50
DR. EARTH INC		WINTERS	CA		
	50066	13-00-00	WIN	13.00	14.01
DREXEL CHEMICAL CO.		MEMPHIS	TN		
	52689	00-00-00	B	15.00	15.67

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
DYSART CORPORATION		CANAL WINCHESTER	OH		
	50064	03-03-03	WIN	03.00	03.76
	51289	04-06-06	WIN	04.00	04.49
			Ca	05.00	12.15
	51770	08-18-18	S	06.70	07.32
	51826	12-10-10	S	13.10	15.06
	51771	15-10-09	S	14.90	14.54
	51825	15-10-09	S	14.90	15.32
EARTHWORM CASTINGS UNLIMITED L		WATERFORD	MI		
	52638	01-00-00	WIN	01.25	00.50*
			Ca	01.00	01.42
EASY GARDNER		WACO	TX		
	51639	02-14-00	WIN	02.00	03.15
			Ca	15.00	24.82
	51820	03-10-10	Ca	09.00	10.98
			Mg	00.50	00.88
			S	09.00	09.99
	50060	04-04-04	WIN	02.80	02.23*
	51560	04-04-04	WIN	02.80	01.99*
			Ca	08.00	11.91
			Mg	00.50	00.86
			S	01.40	01.38
	50783	08-08-08	Ca	09.00	09.97
			Mg	01.00	00.81
			S	09.00	09.27
	51821	08-08-08	Ca	09.00	11.52
			Mg	01.00	01.00
			S	09.00	10.69
	51822	10-05-08	Ca	07.00	06.78
			Mg	01.00	01.27
	51823	10-08-04	S	09.00	09.36
	51638	12-00-00	WIN	12.00	15.38
EAU CLAIRE CO-OP OIL CO.		EAU CLAIRE	WI		
	50069	15-23-10	WIN	01.60	01.53
			Fe	01.00	01.30
	51828	15-23-10	Fe	01.00	01.59
	50068	20-00-09	Fe	01.00	00.95
	50070	22-00-10	WIN	03.10	02.06*
			Fe	01.00	01.07
	51829	28-00-03	Fe	01.00	01.28
ESPOMA CO.		MILLVILLE	NJ		
	50031	03-04-04	Ca	05.00	06.00
			Mg	01.00	01.81

ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2014 - 2015
 TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ESPOMA CO.		MILLVILLE	NJ		
	51526	04-03-04	Mg S	01.00 05.00	01.79 05.89
FARM AG SALES DBA C&F FARM SUP		HISEVILLE	KY		
	50987	05-14-39	B Zn	00.12 00.21	00.09* 00.24
	50989	05-14-39	B Zn	00.12 00.21	00.09* 00.18
	50990	05-14-39	B Zn	00.12 00.21	00.13 00.22
	50985	06-15-38	B	00.18	00.14*
	50986	26-10-14	B	00.07	00.06
	50992	26-10-14	B	00.07	00.06
FERTRELL		BAINBRIDGE	PA		
	52705	02-01-01	WIN	01.10	00.48*
	52706	04-02-04	WIN	02.75	01.50*
FOXFARM SOIL & FERTILIZER COMP		ARCATA	CA		
	51291	03-02-06	Mg B Cu Fe Mn Zn	00.50 00.02 00.05 00.10 00.05 00.05	00.58 00.02 00.06 00.13 00.07 00.07
GENERAL HYDROPOONICS		SEBASTOPOL	CA		
	52640	07-04-10	Ca Mg S B Cu Fe Mn Mo Zn	04.00 01.50 02.00 00.01 00.01 00.10 00.03 00.0030 00.02	04.22 01.45 02.36 00.02 00.01 00.10 00.05 00.0020 00.02
GRO TEC INC.		MADISON	GA		
	51558	04-10-10	Fe Mn Mo Zn	00.10 00.05 00.0005 00.05	00.66 00.08 00.0007 00.08
	51719	10-05-04	S B Fe Mn Mo Zn	03.00 00.02 00.10 00.05 00.0005 00.05	13.25 00.04 01.09 00.12 00.0012 00.11

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRO TEC INC.		MADISON	GA		
	52612	10-05-04	S	03.00	11.62
			B	00.02	00.03
			Fe	00.10	00.63
			Mn	00.05	00.10
			Mo	00.0005	00.0010
			Zn	00.05	00.14
	52611	10-10-10	B	00.02	00.04
			Fe	00.10	00.66
			Mn	00.05	00.11
			Mo	00.0005	00.0013
			Zn	00.05	00.12
	50030	12-10-10	B	00.02	00.02
			Fe	02.00	02.01
			Mn	00.10	00.10
			Mo	00.0005	00.0010
			Zn	00.10	00.26
	50063	12-10-10	B	00.02	00.04
			Fe	02.00	02.97
			Mn	00.10	00.19
			Mo	00.0005	00.0010
			Zn	00.10	00.25
	51559	12-10-10	S	09.00	09.92
			B	00.02	00.02
			Fe	02.00	02.06
			Mn	00.10	00.14
			Mo	00.0005	00.0024
			Zn	00.10	00.21
	51710	18-24-06	B	00.02	00.04
			Cu	00.05	00.15
			Fe	00.25	01.87
			Mn	00.10	00.15
			Mo	00.0005	00.0008
			Zn	00.10	00.27
	51718	29-00-05	Fe	02.00	02.33
GROW MORE INC		GARDENA	CA		
	50067	17-08-22	Fe	00.10	00.12
			Mn	00.05	00.05
			Zn	00.05	00.06
HELENA CHEMICAL - HAZEL		HAZEL	KY		
	51846	09-17-30	S	03.00	04.11
	51844	09-18-31	S	02.46	03.80
HELENA CHEMICAL COMPANY (COL)		COLLIERVILLE	TN		
	51556	11-08-05	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.10
			Mn	00.05	00.04*
			Mo	00.0005	00.0005
			Zn	00.05	00.06

ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2014 - 2015
 TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
HELENA CHEMICAL COMPANY (COL)		COLLIERVILLE	TN		
	50466	21-00-00	SO4	24.00	24.26
	50546	21-00-00	SO4	24.00	23.87
	51578	21-00-00	S	24.00	25.67
HELENA CHEMICAL COMPANY (HICK)		HICKMAN	KY		
	50461	09-11-30	SO4	06.00	06.95
	50462	09-11-30	SO4	06.00	06.59
	50463	09-11-30	SO4	06.00	06.45
	50464	09-11-30	SO4	06.00	06.96
	51572	11-20-26	S	03.43	04.11
	51573	11-20-26	S	03.43	04.45
	51574	11-20-26	S	03.43	03.96
	51570	19-19-00	B	00.28	00.22*
	51571	19-19-00	B	00.28	00.21*
	51569	23-10-11	B	00.28	00.22*
HENRY FARMERS COOP		PARIS	TN		
	50622	21-00-00	SO4	24.00	25.57
	50621	28-00-00	SO4	04.00	04.04
HOWARD JOHNSONS ENT., INC.		FRANKLIN	WI		
	52313	06-10-06	S	02.00	02.51
			B	00.02	00.02
			Cu	00.05	00.06
			Fe	01.00	01.52
			Mn	00.05	00.10
			Mo	00.0005	00.0008
			Zn	00.05	00.14
INFINITY FERTILIZERS INC		MILAN	IL		
	50062	18-24-06	B	00.02	00.05
			Cu	00.05	00.08
			Fe	00.25	00.84
			Mn	00.10	00.10
			Mo	00.0005	00.0032
			Zn	00.10	00.09
	50097	18-24-06	B	00.02	00.05
			Cu	00.05	00.13
			Fe	00.25	01.26
			Mn	00.10	00.16
			Mo	00.0005	00.0043
			Zn	00.10	00.14
	51392	18-24-06	B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.25	00.94
			Mn	00.10	00.10
			Mo	00.0005	00.0034
			Zn	00.10	00.07*

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
INFINITY FERTILIZERS INC		MILAN	IL		
	51735	18-24-06	Mo	00.0005	00.0039
			Zn	00.10	00.12
	51637	24-08-16	B	00.02	00.01
			Cu	00.07	00.08
			Fe	00.15	00.14
			Mn	00.05	00.05
			Mo	00.0005	00.0005
			Zn	00.06	00.06
	50098	32-00-10	SO4	01.40	01.47
INNVICTIS CROP CARE LLC		LOVELAND	CO		
	52324	08-24-06	B	00.05	00.02*
			Cu	00.10	00.04*
			Fe	00.20	00.37
			Mn	00.10	00.06*
			Zn	00.10	00.10
	52325	12-09-06	B	00.22	00.02*
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.20	00.20
			Mo	00.0005	00.0003
			Zn	00.05	00.06
INSTA-GRO MANUFACTURING, INC.		CALEDONIA	OH		
	51764	08-00-00	Ca	08.00	08.77
	51763	09-18-09	S	01.00	01.04
JANES FERTILIZER & FARM SUPPLY		COLUMBIA	KY		
	52087	30-00-00	Zn	02.17	02.13
			S	15.23	15.19
	52186	30-00-00	Zn	02.17	02.17
JIMMY SANDERS (HART)		HARTFORD	KY		
	50331	12-40-00	SO4	05.00	05.75
			Zn	01.00	01.25
JIMMY SANDERS (MELB)		MELBER	KY		
	50496	07-20-26	Mg	03.86	04.44
KEG RIVER CHEMICAL CORP		EDMONTON	AB		
	50867	00-00-00	S	90.00	93.88
	52124	00-00-00	S	90.00	90.68
KNOX FERTILIZER CO., INC.		KNOX	IN		
	51642	10-54-10	Cu	00.05	00.05
			Fe	00.10	00.13
			Mn	00.05	00.05
			Zn	00.05	00.05

ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2014 - 2015
 TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
KNOX FERTILIZER CO., INC.		KNOX	IN		
	50015	18-24-16	Cu	00.05	00.03*
			Fe	00.10	00.14
			Mn	00.05	00.05
			Zn	00.05	00.04
	50784	24-08-16	Cu	00.05	00.04
			Fe	00.10	00.10
			Mn	00.05	00.05
			Zn	00.05	00.06
LAKE CUMBERLAND FARMERS CO-OP		MONTICELLO	KY		
	52292	37-09-00	Zn	01.67	01.51
LEBANON SEABOARD CORP		LEBANON	PA		
	52573	25-00-05	WIN	02.70	03.47
			S	05.00	05.33
			Fe	01.00	01.23
LESCO INC.		CLEVELAND	OH		
	51636	14-14-14	S	04.69	05.86
			Fe	00.45	00.84
	50129	14-20-04	Mn	00.45	00.45
		WIN	Fe	01.08	01.38
			Fe	00.36	02.11
	51635	14-20-04	Fe	00.36	01.64
	50128	24-00-11	Fe	02.00	02.65
			Mn	01.00	01.17
	50130	28-00-03	WIN	01.30	01.68
			Fe	00.70	01.76
	51634	28-00-03	Fe	00.70	01.61
LILLY MILLER BRANDS (ATL)		ATLANTA	GA		
	51697	06-04-06	WIN	06.00	07.37
			Ca	04.50	04.93
	51721	06-04-06	Ca	04.50	05.48
LOVELAND PRODUCTS, INC.		GREELEY	CO		
	51585	06-20-00	Zn	00.77	00.79
	51617	06-20-00	Zn	00.77	00.82
	51699	06-20-00	Zn	00.77	00.83
	50828	07-17-03	Cu	00.07	00.14
			Fe	00.20	00.30
			Mn	00.06	00.07
			Zn	00.95	00.97
	50829	07-17-03	Cu	00.07	00.06
			Fe	00.20	00.25
			Mn	00.06	00.06
			Zn	00.95	00.94

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
LOVELAND PRODUCTS, INC.		GREELEY	CO		
	51488	07-17-03	Cu Fe Mn Zn	00.07 00.20 00.06 00.95	00.00* 00.38 00.06 00.95
	51584	07-17-03	Cu Fe Mn Zn	00.07 00.20 00.06 00.95	00.07 00.37 00.06 00.98
	52310	10-10-10	Zn	02.00	02.22
	51550	35-00-00	S	09.50	11.88
	52507	35-00-00	S	09.50	09.46
	52508	35-00-00	S	09.50	11.11
MARTIN MARIETTA		MANISTEE	MI		
	51080	00-00-00	Mg	58.00	58.47
MARTIN OPERATING PARTNERSHIP L		KILGORE	TX		
	50332	00-00-00	S	90.00	91.84
	51776	00-00-00	S	90.00	91.87
MAYSLICK MILL		MAYSLICK	KY		
	52044	00-00-25	B	00.42	00.42
	52045	00-00-25	B	00.42	00.41
	52046	00-00-30	B	00.42	00.42
	52049	00-00-52	B	00.61	00.73
	52169	02-06-40	B	00.45	00.47
	52170	16-00-33	Zn	01.82	01.99
MIRACLE GRO LAWN PRODUCTS		MARYSVILLE	OH		
	50691	03-04-02	WIN Ca	03.00 02.00	03.53 05.32
	50775	06-08-00	WIN Ca	06.00 07.00	06.69 08.00
	51717	09-04-12	Ca Mg S Cu	03.50 01.40 07.00 00.05	08.59 04.97 06.94 00.10
			Fe Mn Zn	00.90 00.35 00.10	01.19 00.40 00.22
	51737	12-09-06	Mn Zn	00.05 00.05	00.06 00.06
MONTANA SULPHUR & CHEMICAL COM		BILLINGS	MT		
	51835	00-00-00	S	90.00	91.69

ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2014 - 2015
 TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MONTY'S PLANT FOOD		LOUISVILLE	KY		
	50020	03-00-00	B Fe Mn Zn	00.25 00.15 00.25 00.25	00.23 00.15 00.38 00.44
	50026	04-05-02	B Zn	00.07 00.20	00.23 00.38
	50014	04-05-03	B Zn	00.07 00.20	00.33 00.40
	51485	08-00-00	Zn	02.00	02.38
	51486	08-00-00	Zn	02.00	02.37
OREGON'S ONLY		SPRINGFIELD	OR		
	52641	02-05-02	WIN Ca Mg	00.30 03.00 01.00	00.06 00.84* 00.07*
PARRISH SHOP/SALES		HENDERSON	KY		
	51153	06-24-06	S	04.00	04.46
	51154	06-24-06	S	04.00	04.35
PRO AG SALES & SERVICE INC		DANVILLE	KY		
	52218	00-00-47	Mg	03.50	03.84
	52216	05-14-18	Mg S	02.60 05.21	05.12 05.77
	52209	06-00-43	S	06.86	08.38
PROVIDENCE AG		MEMPHIS	TN		
	50584	06-12-18	Ca B Fe Zn	05.00 00.05 00.25 00.05	05.60 00.10 00.30 00.06
	50661	06-12-18	Ca B Fe Zn	05.00 00.05 00.25 00.05	05.15 00.09 00.32 00.31
	51443	06-12-18	Ca S B Fe Zn	05.00 10.00 00.05 00.25 00.05	05.63 12.50 00.08 00.29 00.20
	51435	12-09-06	B Cu Fe Mn Mo Zn	00.22 00.05 00.01 00.20 00.0005 00.05	00.20 00.05 00.11 00.19 00.0001* 00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
PROVIDENCE AG		MEMPHIS	TN		
	50588	12-40-00	SO4	10.00	10.05
	50652	12-40-00	SO4	10.00	09.69
	51442	12-40-00	S	10.00	10.84
			Zn	01.00	01.01
	51434	20-00-06	S	03.00	02.91
			B	00.22	00.20
			Fe	00.10	00.07*
	50589	21-00-00	SO4	24.00	24.16
	50591	21-00-00	SO4	24.00	24.24
	50660	21-00-00	SO4	24.00	26.46
	51436	21-00-00	S	24.00	25.03
	50582	44-00-00	CSRN	44.00	44.29
	50613	44-00-00	CSRN	44.00	44.47
	50659	44-00-00	CSRN	44.00	44.76
PROVIDENCE AG - FANCY FARM		FANCY FARM	KY		
	51880	17-16-21	Zn	00.52	00.69
	51881	17-16-21	Zn	00.52	00.49
	51882	17-16-21	Zn	00.50	00.53
PROVIDENCE AG - HARTFORD		HARTFORD	KY		
	52361	15-43-00	S	05.00	06.59
			Zn	00.50	00.50
	52362	15-43-00	S	05.00	06.43
			Zn	00.50	00.48
	52375	28-19-00	S	06.00	07.05
	52376	28-19-00	S	06.00	06.96
	52377	28-19-00	S	06.00	06.90
PROVIDENCE AG - MAYFIELD		MAYFIELD	KY		
	51890	11-18-24	S	04.80	05.44
	51891	11-18-24	S	04.80	05.83
PROVIDENCE AG - RUSSELLVILLE		RUSSELLVILLE	KY		
	51182	26-09-08	S	08.00	08.25
	51183	26-09-08	S	08.00	08.20
	51181	35-00-00	S	10.29	10.46
PROVIDENCE AG - WINGO		WINGO	KY		
	52326	09-25-24	S	01.73	02.51
			B	00.14	00.13
PROVIDENCE AG - GLASGOW		GLASGOW	KY		
	51276	20-17-17	S	03.46	04.39

ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2014 - 2015
 TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
PROVIDENCE AG -GLASGOW		GLASGOW	KY		
	51262	34-00-00	S	12.00	13.46
	51263	41-00-00	S	04.80	05.31
RELIANCE AG (RUSS)		RUSSELLVILLE	KY		
	50212	06-16-27	Mg	02.71	03.31
			SO4	05.42	06.27
			B	00.24	00.23
			Zn	00.25	00.20*
	50213	06-16-27	Mg	02.71	03.30
			SO4	05.42	06.32
			B	00.24	00.29
			Zn	00.25	00.17*
	50214	06-16-27	Mg	02.71	03.06
			SO4	05.43	05.99
			B	00.24	00.19*
			Zn	00.25	00.31
	50142	09-25-18	Mg	02.44	03.33
			SO4	04.88	06.48
	50143	09-25-18	Mg	02.44	02.99
			SO4	04.88	05.78
RELIANCE AG (TRENT)		TRENTON	KY		
	52501	24-16-00	B	00.04	00.04
	52502	24-16-00	B	00.04	00.05
	52503	24-16-00	B	00.04	00.05
	50680	29-00-00	S	01.13	00.78*
RIPS FARM CENTER		TOLLESBORO	KY		
	52514	21-00-00	S	24.00	23.49
ROD MCLELLAN COMPANY		INDEPENDENCE	OR		
	51772	12-00-00	WIN	12.00	14.40
ROGERS FERTILIZER & SERVICES		LEBANON	KY		
	51251	21-00-00	S	24.00	24.68
	51257	27-08-10	S	06.00	06.71
	51259	27-08-10	S	06.00	06.76
	51254	27-08-11	S	06.00	05.82
	51255	40-00-00	S	06.00	06.11
ROOTBLAST INTERNATIONAL INC		CANTON	OH		
	50776	02-01-02	Ca	13.80	16.02
			Mg	07.50	10.38
			S	01.88	02.78
			Cu	00.05	00.06

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ROOTBLAST INTERNATIONAL INC		CANTON	OH		
	52636	02-01-02	Zn	00.15	00.35
S. J. ENTERPRISES		SALISBURY (AUSTRALI	SA		
	52643	03-00-02	Ca Mg Mo	03.00 00.60 00.0010	03.21 00.01* 00.0378
SCOTTS MIRACLE-GRO PRODUCTS, I		MARYSVILLE	OH		
	51391	10-10-10	S	02.00	03.01
	51716	18-18-21	Mg	00.50	00.62
			Cu	00.05	00.07
			Fe	00.10	00.14
			Mn	00.05	00.06
			Zn	00.05	00.07
	51562	24-08-16	Mn	00.05	00.06
			Mo	00.0005	00.0006
			Zn	00.06	00.07
			B	00.02	00.02
			Cu	00.07	00.08
SECURITY SEED & CHEMICAL INC (CLARKSVILLE	TN		
	52622	01-00-01	B	00.20	00.67
	52370	03-00-04	S	01.62	01.71
			B	00.32	00.31
			Mn	00.10	00.10
			Mo	00.1000	00.0893
			Zn	00.42	00.41
	52592	03-00-04	S	01.62	01.63
			B	00.32	00.16*
			Mn	00.10	00.11
			Mo	00.1000	00.0913
			Zn	00.42	00.43
SECURITY SEED & CHEMICAL INC (HOPKINSVILLE	KY		
	52331	27-05-01	B	00.00	00.00
			Fe	00.03	00.09
			Mn	00.02	00.02
			Zn	00.03	00.03
SECURITY SEED & CHEMICAL INC (MURRAY	KY		
	51035	30-00-00	S	00.63	01.00
			Fe	00.01	00.01
			Mn	00.01	00.00*
	52536	32-00-00	S	00.25	00.30

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SOLU-CAL USA LTD		WEST WAREHAM	MA		
	51766	00-00-00	Ca Mg	38.00 00.40	38.03 00.51
SPEED AG SERVICE		HICKMAN	KY		
	51839	09-24-24	S	04.63	05.83
	51840	09-24-24	S	04.63	04.57
	51841	09-24-24	S	04.63	04.95
	51580	14-15-22	Ca Mg S B Zn	00.17 00.09 02.24 00.17 00.61	00.44 00.53 03.22 00.18 00.45*
	51581	14-15-22	Ca Mg S B Zn	00.17 00.09 02.41 00.17 00.61	00.41 00.48 03.10 00.17 00.78
	50294	21-00-00	SO4	24.00	23.76
	50522	21-00-00	SO4	24.00	24.00
	51582	21-26-00	S	06.86	07.08
SS (BOWL) BOWLING GREEN COOP		BOWLING GREEN	KY		
	50273	08-22-20	Mg SO4	02.75 05.50	03.77 06.64
	50274	08-22-20	Mg SO4	02.75 05.50	03.56 06.51
	50275	08-22-20	Mg SO4	02.75 05.50	03.57 06.32
	50276	08-22-20	Mg SO4	02.75 05.50	03.31 05.85
	50277	08-22-20	Mg SO4	02.75 05.50	03.41 06.04
SS (CAMP) CAMPBELLSVILLE		CAMPBELLSVLLE	KY		
	52565	13-15-20	S	08.00	09.36
	51076	34-00-00	S	12.00	11.47
	51081	34-00-00	S	11.66	11.94
SS (CYN) LEXINGTON COOP-CYN BR		CYNTHIANA	KY		
	52241	00-00-47	Mg B	03.67 00.03	03.46 00.02
	52244	00-00-51	Mg	02.73	02.84
	51422	00-00-57	S B	03.45 00.09	04.10 00.05*
	51423	00-00-59	B	00.12	00.07*
	51424	00-00-59	B	00.12	00.08*

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (CYN) LEXINGTON COOP-CYN BR		CYNTHIANA	KY		
	52245	07-19-29	Mg	01.85	01.33*
	52246	07-19-29	Mg	01.94	02.19
	52243	22-00-24	B	00.01	00.01
			Zn	00.02	00.03
	52242	22-00-25	B	00.01	00.01
			Zn	00.03	00.03
SS (ELIZ) HARDIN COOP, INC		ELIZABETHTOWN	KY		
	51109	08-21-31	B	00.05	00.04
	51113	13-21-24	Zn	00.06	00.06
	51115	24-28-00	S	07.35	09.37
			B	00.08	00.08
SS (ELKT) RUSS.-TODD BRANCH		ELKTON	KY		
	50221	06-25-22	Mg SO4	01.22 02.44	01.80 03.80
SS (EMIN) INC KNTCKANA SVC-HEN		EMINENCE	KY		
	52458	25-10-15	Zn	00.04	00.03
SS (FLEM) FLEMINGSBURG		FLEMINGSBURG	KY		
	52248	05-10-17	S	03.11	04.23
	52249	05-10-20	S	02.89	03.46
	52255	20-06-07	S	10.42	10.37
	52256	20-06-07	S	10.42	11.26
	52252	26-05-06	S	11.43	12.01
SS (GEOR) GEORGETOWN COOP		GEORGETOWN	KY		
	52110	21-00-13	Zn	00.99	01.21
	52130	26-00-20	Mg Zn	01.08 00.71	01.35 00.87
SS (GLAS) GLASGOW COOP		GLASGOW	KY		
	50973	27-00-22	Mg	00.96	01.21
	50974	27-00-22	Mg	00.96	01.36
	50975	27-00-22	Mg	00.96	00.99
SS (HARR) CNTRL KY SVC		HARRODSBURG	KY		
	52414	11-00-44	B	00.17	00.15
SS (HEND) HENDERSON COOP		HENDERSON	KY		
	52392	08-22-28	S	02.72	03.18

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE	KY		
	50195	09-24-26	Mg	00.05	00.44
SS (HORS) HORSE CAVE COOP		HORSE CAVE	KY		
	50911	05-13-37	Mg	01.54	02.08
			B	00.26	00.26
	50925	05-13-37	Mg	01.07	01.49
			B	00.43	00.32*
	50928	05-13-37	Mg	01.07	01.75
SS (LAGR) KY SVC BR-LAGRANGE B		SHELBYVILLE	KY		
	51785	08-21-27	S	07.12	08.70
	51786	08-21-27	S	07.33	09.36
SS (LEBA) LEBANON SVC		SPRINGFIELD	KY		
	51848	16-13-22	B	00.08	00.09
			Zn	01.10	01.28
SS (MAYS) FLEMINGSBURG COOP-MA		MAYSVILLE	KY		
	51903	05-13-31	Mg	02.40	02.71
			B	00.41	00.41
			Zn	00.98	01.04
	51904	05-13-31	Mg	02.40	02.10
			B	00.41	00.43
			Zn	00.98	01.15
	51905	05-13-31	Mg	02.40	02.94
			B	00.41	00.38
			Zn	00.98	01.14
	51902	07-17-27	Mg	02.09	02.75
			B	00.37	00.31
			Zn	00.88	00.86
	51906	33-00-00	B	00.57	00.57
			Zn	01.37	01.50
	51907	33-00-00	B	00.57	00.60
			Zn	01.37	01.28
	51908	33-00-00	B	00.57	00.67
			Zn	01.37	01.51
SS (MORG) MORGANFIELD COOP		MORGANFIELD	KY		
	50381	05-14-24	Zn	00.06	00.07
	50383	05-14-24	Zn	00.06	00.07
	50384	05-14-24	Zn	00.06	00.05*
	50385	05-14-24	Zn	00.06	00.07
	50382	06-14-24	Zn	00.06	00.06

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (NICH) NICHOLASVILLE SVC		NICHOLASVILLE	KY		
	52318	44-00-00	S	03.46	03.83
	52319	44-00-00	S	03.46	03.71
SS (OWEN) COOP OWENSBORO		OWENSBORO	KY		
	51444	20-14-19	S	02.48	03.33
	51445	20-14-19	S	02.48	03.16
	51473	20-14-19	S	02.48	02.88
	51474	20-14-19	S	02.48	03.13
	51475	20-14-19	S	02.48	03.04
SS (OWENT) OWENTON COOP, INC		OWENTON	KY		
	52125	00-00-48	B	00.12	00.07*
	52115	03-09-42	S	01.59	02.43
			B	00.38	00.34
	52116	08-21-27	S	06.30	07.30
			B	00.13	00.10*
	52117	08-21-27	S	06.30	07.23
			B	00.13	00.10*
	52118	08-21-27	S	06.30	07.46
			B	00.13	00.09*
	52119	08-21-27	S	06.30	06.59
			B	00.13	00.11*
	52122	11-14-31	S	02.33	02.80
			Zn	00.05	00.05
	52126	32-04-12	S	01.10	01.27
			Zn	00.05	00.06
SS (RICH) COOP INC FERT DIV		RICHMOND	VA		
	50311	00-00-00	S	90.00	90.30
	50944	00-00-00	Ca	21.00	25.64
	51150	00-00-00	S	90.00	92.88
	50841	00-00-22	Mg	11.00	11.20
			S	22.00	23.61
	50849	00-00-22	Mg	11.00	11.14
			S	22.00	23.31
	50855	00-00-22	Mg	11.00	11.20
			S	22.00	24.37
	50921	00-00-22	Mg	11.00	11.41
			S	22.00	24.16
	51052	00-00-22	Mg	11.00	11.81
			S	22.00	22.99
	51246	00-00-22	Mg	10.50	10.83
			S	21.00	22.23
	52417	00-00-22	Mg	10.50	11.22
			S	21.00	22.98
	52603	10-20-15	S	00.20	02.76
	50123	21-00-00	SO4	24.00	24.17

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (RICH) COOP INC FERT DIV		RICHMOND	VA		
	50846	21-00-00	S	24.00	24.69
	50861	21-00-00	S	24.00	24.36
	50961	21-00-00	S	24.00	24.85
	51082	21-00-00	S	24.00	24.80
	51083	21-00-00	S	24.00	24.86
	51138	21-00-00	S	24.00	23.51
	51478	21-00-00	S	24.00	23.74
	51777	21-00-00	S	24.00	24.98
	51781	21-00-00	S	24.00	24.49
	51851	21-00-00	S	24.00	24.27
	51856	21-00-00	S	24.00	24.48
	52601	34-00-00	S	10.00	09.90
	52605	34-00-00	S	10.00	09.41
	52654	34-00-00	S	10.00	11.13
SS (RICH) RICHMOND SVC		RICHMOND	KY		
	52531	00-00-58	B	00.45	00.39
SS (RUSS) RUSSELLVILLE COOP		RUSSELLVILLE	KY		
	50403	09-15-30	SO4	04.00	04.34
	50404	09-15-30	SO4	04.00	04.45
	50405	09-15-30	SO4	04.00	04.81
	50406	09-15-30	SO4	04.00	04.46
	50409	09-15-30	SO4	04.00	04.80
	50407	09-23-24	Mg	01.57	02.16
			SO4	03.14	04.81
	50408	09-23-24	Mg	01.57	01.81
			SO4	03.14	03.85
	50410	09-23-24	Mg	01.83	02.25
			SO4	03.67	04.49
	50219	20-00-20	Mg	03.71	04.02
			SO4	07.43	07.54
	50220	20-00-20	Mg	03.71	03.94
			SO4	07.43	07.35
SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE	KY		
	52437	27-14-11	Zn	00.02	00.02
SS (STAN) STANFORD SVC		STANFORD	KY		
	52556	03-09-47	B	00.07	00.06*
	51538	04-11-44	B	00.05	00.04
	52560	04-11-44	B	00.05	00.05
SS (WARS) GALLATIN SVC		SHELBYVILLE	KY		
	51292	25-09-18	B	00.04	00.04

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (WARS) GALLATIN SVC		SHELBYVILLE	KY		
	51293	25-09-18	B	00.04	00.04
	51294	25-09-18	B	00.04	00.04
SS (WINC) COOP, INC.		WINCHESTER	KY		
	52604	00-10-30	B	00.45	00.29*
STANLEY CROP SERVICE LLC		OWENSBORO	KY		
	51930	21-00-00	S	24.00	24.37
SUN BULB COMPANY, INC.		ARCADIA	FL		
	50059	11-35-15	Mg	00.60	00.64
			B	00.02	00.03
			Cu	00.05	00.04
			Fe	00.10	00.11
			Mn	00.05	00.05
			Mo	00.0005	00.0002
			Zn	00.05	00.05
	51344	11-35-15	Mg	00.60	00.70
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.05
			Mo	00.0005	00.0046
			Zn	00.05	00.05
	50065	20-14-13	Mg	01.00	01.19
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.20	00.22
			Mn	00.05	00.05
			Mo	00.0005	00.0003
			Zn	00.05	00.05
SUNLEAVES GARDEN PRODUCTS		BLOOMINGTON	IN		
	52644	08-03-01	WIN	02.52	02.66
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	51012	12-05-07	B	00.02	00.03
			Cu	00.05	00.16
			Fe	00.20	00.75
			Mn	00.05	00.13
			Mo	00.0005	00.0020
			Zn	00.05	00.13
	51527	12-05-07	B	00.02	00.02
			Cu	00.05	00.07
			Fe	00.20	00.76
			Mn	00.05	00.11
			Mo	00.0005	00.0037
			Zn	00.05	00.12

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	51696	12-05-07	B Cu Mn Mo Zn	00.02 00.05 00.05 00.0005 00.05	00.04 00.07 00.09 00.0010 00.23
	51720	12-05-07	B Cu Fe Mn Mo Zn	00.02 00.05 00.20 00.05 00.0005 00.05	00.03 00.08 00.70 00.11 00.0039 00.14
	52586	12-05-07	B Cu Fe Mn Mo Zn	00.02 00.05 00.20 00.05 00.0005 00.05	00.03 00.08 00.72 00.13 00.0056 00.13
	51694	12-06-10	Mg S B	01.00 09.00 00.02	01.45 10.13 00.03
	51695	12-10-05	Mn Mo Zn	00.05 00.0005 00.05	00.12 00.0045 00.21
	51713	12-10-05	Ca Mg S B Cu Fe Mn Mo Zn	03.00 03.00 05.00 00.02 00.05 01.00 00.05 00.0005 00.05	08.42 04.35 07.04 00.03 00.10 01.46 00.11 00.0033 00.18
THE ANDERSONS INC		MAUMEE	OH		
	51487	06-18-06	Zn	00.05	00.05
	51604	06-18-06	Zn	00.05	00.05
THE ANDERSONS INC (GALVESTON)		GALVESTON	IN		
	51938	09-18-09	S	01.00	01.67
THE SCOTTS CO.		MARYSVILLE	OH		
	50491	11-02-02	WIN Ca	10.00 01.50	09.63 03.20
	51499	12-04-08	S	02.20	03.34
	51711	12-55-06	Fe	00.10	00.12
	51640	15-09-12	Mn Mo Zn	00.06 00.0200 00.05	00.12 00.0235 00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE SCOTTS CO.		MARYSVILLE	OH		
	52344	15-09-12	S	06.00	07.13
	50096	24-25-04	WIN	00.60	00.49
	50094	28-00-10	WIN	01.00	00.64
			SO4	05.00	05.40
	51715	30-00-04	S	10.00	10.18
	51712	32-00-04	S	07.00	07.17
			Fe	02.00	02.25
	50095	32-00-10	SO4	06.00	06.74
THOMAS CAYCE FARM SUPPY, LLC		PRINCETON	KY		
	50416	12-16-21	SO4	06.55	07.30
	50072	20-00-00	SO4	24.00	24.43
TIGER-SUL PRODUCTS, LLC		ATMORE	AL		
	50189	00-00-00	S	90.00	91.23
	51428	00-00-00	S	80.00	91.66
U.S. BORAX INC.		BORON	CA		
	51837	00-00-00	B	14.30	15.99
UNLIMITED RENEWABLES LLC		ONALASKA	WI		
	52321	05-03-02	WIN	03.00	00.81*
			Ca	09.00	09.43
VOLUNTARY PURCHASING		BONHAM	TX		
	51762	21-00-00	S	22.00	24.30
WARNER FERT CO. (COLU)		COLUMBIA	KY		
	52197	22-08-17	Zn	01.32	01.34
	52198	22-08-17	Zn	01.32	01.59
WARNER FERT CO. (MONT)		MONTICELLO	KY		
	52479	22-08-14	S	05.64	06.15
			B	00.03	00.02
WARNER FERT CO. (NAN)		NANCY	KY		
	51388	21-09-14	Mg	00.30	00.71
WARNER FERT CO. (SOM)		SOMERSET	KY		
	51814	27-11-10	Mg	01.30	01.31
			Zn	01.30	01.61

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
WINFIELD SOLUTIONS LLC		ST. PAUL	MN		
	50077	00-00-00	B	14.30	14.87
	51128	07-00-00	Zn	09.00	08.86
WOLF TRAX		WINNIPEG	MB		
	50636	00-00-00	B	02.00	01.65*
			Cu	01.00	00.73*
			Fe	01.00	00.91
			Mn	18.00	20.99
			Zn	17.00	14.53*
	50637	00-00-00	B	18.50	18.36
WOLF TRAX USA INC		GRAND FORKS	ND		
	51427	00-00-00	B	18.50	18.31
	51426	04-25-00	Mn	05.00	05.17
			Zn	20.00	22.99
WOODFORD FEED CO.		VERSAILLES	KY		
	52306	00-00-54	B	00.84	00.73
	52303	00-00-56	S	05.45	05.52
	52308	29-00-19	S	00.64	00.71
			Zn	00.91	00.95
ZINC NACIONAL S.A.		MONTERREY N.L.			
	51836	00-00-00	Zn	35.50	35.53

TABLE 3 COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30, 2015

A-J INC 291 N HUBBARD LN SUITE 172 POB 113 LOUISVILLE, KY 40207	A.H. HOFFMAN P.O. BOX 290 LANCASTER, NY 14086	ACADEMY IRRIGATION POB 314 CLOVIS, CA 93613
ACADIAN SEAPLANTS LIMITED 30 BROWN AVE DARTMOUTH, NS B3B 1X8	ACCESS BUSINESS GROUP INTL LLC 7575 FULTON STREET. EAST ADA, MI 49355	ACE HARDWARE (OAK) P.O. BOX 4883 OAK BROOK, IL 46350
ACTAGRO LLC POB 309 BIOLA, CA 93606	ADM FERTILIZER 701 4TH AVE., S. SUITE 800 MINNEAPOLIS, MN 55415-1633	ADVANCED MARINE TECHNOLOGIES 33 CAPE STREET NEW BEDFORD, MA 02740
ADVANCED MICROBIAL SOLUTIONS POB 519 PILOT POINT, TX 76258	ADVANCED NUTRIENTS #109-31063 WHEEL AVE ABBOTSFORD, BC V2T 6H1	ADVANCED NUTRIENTS (AMY SERAFIN) POB 261 BRANDENBURG, KY 40108
ADVANCED TURF SOLUTIONS, INC 12840 FORD DRIVE FISHERS, IN 46038	ADVANCING ECO AGRICULTURE 4551 PARKS WEST RD MIDDLEFIELD, OH 44062	AEROGROW INTERNATIONAL INC 6075 LONGBOW DR. SUITE 200 BOULDER, CO 80301
AG CONCEPTS CORP 12552 W EXECUTIVE DR SUITE A BOISE, ID 83713	AG DISTRIBUTORS, INC. P.O. BOX 90366 6615 ROBERTSON AVE NASHVILLE, TN 37209	AG GLOBAL LLC 800 TOWN& COUNTRY BLVD STE 300 HOUSTON, TX 77024
AGGRAND A DIV OF AMSOIL, INC. 925 TOWER AVE. SUPERIOR, WI 54880	AGNITION 1600 HANH RD MARSHALL, MN 56258	AGRI CHEM (CLINT) LLC P.O. BOX 295 CLINTON, KY 42031
AGRI-BUSINESS TECH, INC 1102 THIRD AVENUE ALBANY, GA 31707	AGRI-CHEM LLC (BARD) 2351 HIGHWAY 51 N BARDWELL, KY 42023	AGRI-CHEM LLC (HERN) 11825 LAFAYETTE RD. HERNDON, KY 42236
AGRI-CHEM LLC (HOPK) P.O. BOX 31 1106 W 15TH STREET HOPKINSVILLE, KY 42240	AGRI-CHEM LLC (PRIN) P.O. BOX 527 PRINCETON, KY 42445	AGRI-GRO MARKETING HC 4 BOX 333 DONIPHAN, MO 63935
AGRIENERGY RESOURCES 21417 1950E ST. PRINCETON, IL 61356	AGRIGRO FARM CTR, INC P.O. BOX 143 HARTFORD, KY 42347	AGRIMAR CORP 5634 ATLANTA HWY, STE 200 FLOWERY BRANCH, GA 30542
AGRINOS INC 820 S MAC ARTHUR BLVD #105-357 COPPELL, TX 75019	AGRIPORT TERMINAL 1127 PORT AUTHORITY RD. EDDYVILLE, KY 42038	AGRIUM ADVANCED TECHNOLOGIES US INC 2915 ROCKY MOUNTAIN AVE LOVELAND, CO 80538
AGRIUM ADVANCED TECHNOLOGIES US INC 2405 W VASSAR RD REESE, MI 48757-9340	AGRIUM U.S. INC. (DENV) 4582 S. ULSTER ST., STE. 1700 DENVER, CO 80237	AGRO CULTURE LIQUID FERT. 3055 W M 21 ST. JOHNS, MI 48879
AGRO DISTRIBUTION, LLC C/O AGRILIANCE P.O. BOX 64089 ST. PAUL, MN 55164-0089	AGRO K CORPORATION 8030 MAIN ST., NE MINNEAPOLIS, MN 55432-1844	AGROPLANTAE INC 1865 HERNDON AVE SUITE K321 CLOVIS, CA 93611
AGXPLORÉ INT'L LLC POB 638 PARMA, MO 63870-O638	ALL PLANT LIQUID PLANT FOOD 804 ST RT 511 N ASHLAND, OH 44805	ALL STAR PRODUCTS GROUP LLC POB 3179 WALLINGFORD, CT 06494
ALLEN COUNTY FARMERS SERVICE 512 SMITHS GROVE RD. SCOTTSVILLE, KY 42164	ALLIED IMPORTS AND LOGISTICS INC 1162 SAMOA BLVD ARCATA, CA 95521	ALLIED IMPORTS AND LOGISTICS INC 800 EMERALD BAY RD., BLDG B SOUTH LAKE TAHOE, CA 96150

TABLE 3 (Continued)

AMERICAN PLANT FOOD CORPORATION POB 584 GALENA PARK, TX 77547	AMTURF ENTERPRISES LLC 13963 WESTSIDE LANE S JEFFERSON, OR 46307	ANDERSON CO FARM SVC 145 HAWKINS LAWRENCEBURG, KY 40342
ANTLER DIRT 1031 PROGRESSIVE DR CLARKSVILLE, TN 37040	ANTLER KING TROPHY PRODUCTS INC 811 RED IRON RD BLACK RIVER FALLS, WI 54615	AQUA-AID INC 5484 OLD CARRIAGE RD ROCKY MOUNT, NC 27803
AQUATROLS CORPORATION OF AMERICA 1273 IMPERIAL WAY PAULSBORO, NJ 08066	ARBOR SYSTEMS POB 34645 OMAHA, NE 68134	ARBORJET 99 BLUEBERRY HILL RD WOBURN, MA 01801
ARYSTA LIFE SCIENCE AMERICA 1450 BROADWAY NEW YORK, NY 10018	ASB GREENWORLD P.O. BOX 1728 VALDOSTA, GA 31603-1728	ATAMI AMERICA INC POB 20169 PARIS ON N3L 4A5 CANADA,
ATLANTIC-PACIFIC AGRICULTURAL CO 427 RIDGE ST POB 3197 RENO, NV 89505	AURORA INNOVATIONS POB 22041 EUGENE, OR 97402	AZOMITE MINERAL PRODUCT (ADMIN) POB 21 NEPHI, UT 84648
AZOMITE MINERAL PRODUCTS INC 7406 NE 84TH TERRACE KANSAS CITY, MO 64157	BALL DPF LLC 401 N WALNUT SHERMAN, TX 75090	BALLARD COUNTY COOPERATIVE PO BOX 329 LA CENTER, KY 42056
BANDANA AG INC. 100 NEEDMORE RD LA CENTER, KY 42056-9807	BARENBRUG USA INC POB 239 TANGENT, OR 97389	BASF CORPORATION 26 DAVIS DRIVE RTP, NC 27709
BAYER ADVANCED LLC 31 INVERNESS CENTER PKWY STE. 425 BIRMINGHAM, AL 35242	BAYER ADVANCED, BU OF BCS LP P.O. BOX 12014 RESEARCH TRIANGLE PK, NC 27709	BAYER ENVIRONMENTAL SCIENCE PO BOX 12014 RESEARCH TRIANGLE PK, NC 27709
BEATY FERTILIZER P.O. BOX 2516 CLEVELAND, TN 37320	BECKER-UNDERWOOD, INC. 801 DAYTON AVE. PO BOX 667 AMES, IA 50010	BELL AQUATICS LLC 9885 W SR 67 REDKEY, IN 47373
BENEFICIAL BIOLOGICALS 148 S G STREET ARCATA, CA 95521	BENEFICIAL REUSE MANAGEMENT 372 ONTARIO ST SUITE 501 CHICAGO, IL 60654	BENTREI FERTILIZER COMPANY LLC 4605 EAST 91ST STREET TULSA, OK 74137
BIAGRO WESTERN SALES 35801 RD. 132 VISALIA, CA 93292	BICKETT AGRI CTR. 10391 ST. RT 175-N CENTRAL CITY, KY 42330	BICKETT AGRI CTR. 9921 STATE RD. 56-EAST MORGANFIELD, KY 42437
BIG BEND AGRI-SERVICES INC POB 479 320 1ST AVE NE CIARO, GA 39828	BIOWISH TECHNOLOGIES (WISE ORGA) 130 MICHIGAN AVE SUITE 2800 CHICAGO, IL 60601	BIOWORKS INC 100 RAWSON ROAD SUITE 205 VISTOR, NY 14564
BLACK GOLD COMPOST P. O. BOX 190 OXFORD, FL 34484	BLACK LABEL POB 13919 LAS VEGAS, NV 89112	BLOOMFIELD FERTILIZER CHEM CO., INC 100 DEPOT STREET P.O. BOX 370 BLOOMFIELD, KY 40008-0370
BLUEGRASS FARM SUPPLY 1850 MT ZION CHURCH RD MARION, KY 42064	BLUEGRASS GENERATION 3095 COMMERCE PARKWAY LA GRANGE, KY 40031	BLUEGRASS SEED/FERT INC. 3345 BLOOMFIELD RD. BARDSTOWN, KY 40004
BLUELAB CORPORATION LTD 8 WHIORE AVE TAURIKP IND PARK TAURANGA NEW ZEALAND, 3110	BONIDE PRODUCTS, INC. 6301 SUTLIFF ROAD ORISKANY, NY 13424	BOTANICARE 6858 W CHICAGO ST #3 CHAN DLER, AZ 85226

TABLE 3 (Continued)

BOUGAINVILLEA GROWERS INTERNATIONAL 7401 STRINGFELLOW RD ST JAMES CITY, FL 33956	BRANDT CONSOLIDATED INC 2935 S KOKE MILL RD SPRINGFIELD, IL 62711	BRIDGEWELL RESOURCES 12420 SE CARPENTER DR CLACKAMAS, OR 97015
C F INDUSTRIES SALES LLC 4 PARKWAY N, SUITE 400 DEERFIELD, IL 60015-2590	C. D. POORE FERTILIZER 708 BURKESVILLE RD. ALBANY, KY 42602	CALCIUM PRODUCTS INC (ADMIN) 2520 NORTH LOOP DR, SUITE 7100 AMES, IA 50010
CALCIUM PRODUCTS INCORPORATED POB 281 GILMORE CITY, IA 50541	CAMERON CHEMICALS, INC. #5 BEECHWOOD COURT PORTSMOUTH, VA 23702-2313	CANNA CONTINENTAL 1140 W OLYMPIC BLVD SUITE 200 LOS ANGELES, CA 90064
CANNON PACKAGING COMPANY, INC POB 862 HUMBOLDT, TN 38343	CANTON MILLS, INC P.O. BOX 97 MINNESOTA CITY, MN 55959	CARRIE CRAWFORD 5927 PAINT BANK RD. NEW CASTLE, VA 24127
CARSO, INC 404 S. VINE ST, POB 139 CAMARGO, IL 61919	CECILIA FARM SVC INC. P.O. BOX 7 CECILIA, KY 42724	CEN FARMERS SUP. OF GREEN 901 COLUMBIA HIGHWAY GREENSBURG, KY 42743
CENTRAL CROP CARE 1742 KY HWY 3244 CRAB ORCHARD, KY 40419	CENTRAL GARDEN & PET 5401 W. OAKWOOD PARK DR FRANKLIN, WI 53132	CENTRAL GARDEN & PET GARDEN DIV. 1000PARKWOOD CIRCLE, SUITE 700 ATLANTA, GA 30339
CENTRAL KENTUCKY CROP SERVICE 64 SAINT FRANCIS RD ST. FRANCIS, KY 40062	CENTRAL KY CROP SERVICE (ADMIN) POB 494 LEBANON, KY 40033	CGB FERTILIZER 5130 PORT ROAD JEFFERSONVILLE, IN 47130
CGB FERTILIZER (ADMIN) POB 1179 JEFFERSONVILLE, IN 47131-1179	CH BIOTECH R&D 601 KETTERING DR ONTARIO, CA 91761	CHAMBERLAIN CONSULTING 791 QUEENS GATE WAY WADSWORTH, OH 44281
CHARAH INC 12601 PLANTSIDE DR. LOUISVILLE, KY 40222	CHARLIE'S COMPOST LLC 1195 HWY 815 CALHOUN, KY 42327	CHATTA CREEK RESOURCES CLEVELAND, TN
CHEM ONE LTD 14140 WESTFAIR EAST DR. HOUSTON, TX 77041	CHEMSICO, DIV OF UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114	CHEROKEE NITROGEN 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243
CHS POB 64089 ST. PAUL, MN 55164-0089	CHS RIVER TERMINAL 6133 US HWY EAST OWENSBORO, KY 42303	CIBA-GEIGY CORP. P.O. BOX 18300 GREENSBORO, NC 27419
CIRCLE S FARM SUPPLY 14 CIRCLE S ROAD POB 518 RUTHERFORD, TN 38369	CLARKS GROCERY 6911 HWY. 779 ROCKHOLDS, KY 40759	CLEARY CHEMICAL CORPORATION 11901 SOUTH AUSTIN AVE ALSIM, IL 60803
CLEMENTS AG 410 VAKSDAHL AVE DANVILLE, KY 40422	CLEMENTS AG SUPP. P.O. BOX 347 SPRINGFIELD, KY 40069	CNI AGRIMINERALS, LLC PO BOX 3706 ALBANY, GA 31706
COLD SPRING EGG FARM N 9416 TAMARACK RD WHITEWATER, WI 53190	COLLINGWOOD ETHANOL VALUE PRDTS ULC 330 BAY STREET SUITE 304 TORONTO, ON M5H 2S8	COMMONWEALTH AGRI SOLUTIONS (MORG) 1075 US HWY 60 W MORGANFIELD, KY 42437
COMMONWEALTH AGRI SOLUTIONS LLC 2800 WAREHOUSE RD OWENSBORO, KY 42301	COMMONWEALTH AGRI-SOLUTIONS LLC 1863 E 9TH STREET HOPKINSVILLE, KY 42240	COMMUNITY FARM STORE, LLC 521 E. MAIN ST. SALEM, KY 42078

TABLE 3 (Continued)

COMPASS MINERALS MANITOBA 800-ONE RESEARCH ROAD WINNIPEG MANITOBA, R3T 6E3	COMPASS MINERALS USA INC 9900 W 109TH STREET SUITE 100 OVERLAND PARK, KS 66210	CONKLIN CO., INC. 551 VALLEY PARK DRIVE SHAKOPEE, MN 55379-0155
CONRAD FAFARD, INC. PO BOX 790 AGAWAM, MA 01001	CORBIN FARM & GARDEN CTR. P.O. BOX 1187 1205 MASTERS STREET CORBIN, KY 40701	CORE AGRI LLC POB 1027 ARROYO GRANDE, CA 93421
COREAGRI LLC (ADMIN) POB 190 HUMBOLDT, TN 38343	COWART MULCH 185 PEACHTREE INDUSTRIAL BLVD SUGAR HILL, GA 30518	CP BIO INC 4802 MURRIETA ST CHINO, CA 91710
CROMARTIE AGRICULTURAL CHEMICALS POB 71647 ALBANY, GA 31708	CROP PRODUCTION SERVICE (CLARK) 2516 GUTHRIE HWY CLARKSVILLE, TN 37040	CROP PRODUCTION SERVICE (RUSS) 105 DEPOT ST RUSSELLVILLE, KY 42276
CROP PRODUCTION SERVICE (SALEM) 521 E MAIN SALEM, KY 42078	CROP PRODUCTION SVC (CADIZ) 5357 HOPKINSVILLE RD. CADIZ, KY 42211	CROP PRODUCTION SVC (ALL) 7645 ALLENSVILLE RD. ALLENSVILLE, KY 42204
CROP PRODUCTION SVC (BROWNS) PO BOX 169 BROWNS, IL 62818	CROP PRODUCTION SVC (CAMP) P.O. BOX 7 CAMPBELLSVILLE, KY 42719	CROP PRODUCTION SVC (CLA) 8381 SR 132-W CLAY, KY 42404-2167
CROP PRODUCTION SVC (CLAR) P.O. BOX 8 CLARKSON, KY 42726	CROP PRODUCTION SVC (CYN) POB 310 CYNTHIANA, KY 41031	CROP PRODUCTION SVC (EKR) P.O. BOX 10 EKRON, KY 40117
CROP PRODUCTION SVC (FANC) 10693 STATE RT. 121N FANCY FARM, KY 42039	CROP PRODUCTION SVC (FELTY) 230 E. FIRST ST PO BOX 186 BEAVER DAM, KY 42320	CROP PRODUCTION SVC (FRA) 2169 SPRINGFIELD RD. FRANKLIN, KY 42134
CROP PRODUCTION SVC (GLEN) P.O. BOX 155 GLENDALE, KY 42740	CROP PRODUCTION SVC (GUTH) 4050 GUTHRIE RD. GUTHRIE, KY 42234	CROP PRODUCTION SVC (HARD) 1266 BREWER HWY HARDIN, KY 42048
CROP PRODUCTION SVC (HEND) 1229 OUTER FIFTH STREET HENDERSON, KY 42420	CROP PRODUCTION SVC (HOD) P.O. BOX 147 HODGENVILLE, KY 42748	CROP PRODUCTION SVC (HOR) 6495 S. JACKSON HWY. HORSECAVE, KY 42749
CROP PRODUCTION SVC (KEVIL) POB 112 KEVIL, KY 42053-0112	CROP PRODUCTION SVC (LEB) P.O. BOX 493 LEBANON, KY 40033	CROP PRODUCTION SVC (MAD) P.O. BOX 506 MADISONVILLE, KY 42431
CROP PRODUCTION SVC (MOR) 4770 US HWY. 60 WEST MORGANFIELD, KY 42437	CROP PRODUCTION SVC (MUR) 1319 CROSS SPANN RD MURRAY, KY 42071	CROP PRODUCTION SVC (OBO) P.O. BOX 22879 OWENSBORO, KY 42304
CROP PRODUCTION SVC (OBORO) 1911 OLD CALHOUN RD HWY 81 OWENSBORO, KY 42301	CROP PRODUCTION SVC (OWBO) 9210 KY HWY 56 OWENSBORO, KY 42301	CROP PRODUCTION SVC (PEM) P.O. BOX 129 PEMBROKE, KY 42266
CROP PRODUCTION SVC (POOL) 95 BAKER AVE. POOLE, KY 42444	CROP PRODUCTION SVC (RIVERPORT) 2700 RINALDO RD OWENSBORO, KY 42301	CROP PRODUCTION SVC (RUSSEL) 485 PEYTON ST RUSSELLVILLE, KY 42276
CROP PRODUCTION SVC (SAC) P.O. BOX 229 SACRAMENTO, KY 42372	CROP PRODUCTION SVC (SCHOC) 5240 HALL STORE RD. RUSSELLVILLE, KY 42276	CROP PRODUCTION SVC (SED) 1680 STATE RT 339E SEDALIA, KY 42079

TABLE 3 (Continued)

CROP PRODUCTION SVC (SHEL) POB 488 SHELBYVILLE, KY 40066	CROP PRODUCTION SVC (SLA) P.O. BOX 38 SLAUGHTERS, KY 42456	CROP PRODUCTION SVC (UPT) P.O. BOX 108 UPTON, KY 42784
CROP PRODUCTION SVC (UTICA) 3425 HWY 140 W UTICA, KY 42376	CROP PRODUCTION SVC (WAV) 4630 US HWY. 60-E WAVERLY, KY 42462	CROP PRODUCTION SVC INC P.O. BOX 1286 GREELEY, CO 80632
CROWN TECHNOLOGY, INC. 7513 E. 96TH ST. INDIANAPOLIS, IN 46256	CRYSTAL CLEAR INC POB 38 ROMEO, MI 48065	CSI CHEMICAL CORPORATION POB 39 BONDURANT, IA 50035
CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN, KY 42729	CX HYDROPOONICS POB 8048 WANBROO WA, AU 6169	D & R SUPPLY 1472 PRUITT LANE PEMBROKE, KY 42266
DARLING INTL-GRIFFIN INDUSTRIES LLC 4221 ALEXANDRIA PIKE COLD SPRING, KY 41076-1821	DASCO, INC POB 1447 MONUMENT, CO 80132	DAVEY TREE EXPERT CO. 1500 N. MANTUA ST. P O BOX 5193 KENT, OH 44240
DAVEY TREE EXPERT CO. 6065 BRANCH HILL RD. MILFORD, OH 45150	DAVID HUNT 485 HARLAN CAULK RD CAMPBELLSVILLE, KY 42718	DAVIS BROTHERS FARMS POB 487 CUNNINGHAM, KY 42035
DELTA GROWERS ASSOCIATION PO BOX 249 CHARLESTON, MO 63834	DELTAG PO BOX 4812 GREENVILLE, MS 38704	DIAMOND TAIL RANCH 1777 S HARRISON ST PH 1 DENVER, CO 80210
DOMESTIC FERTILIZER INC. 1750 SEVENTEENTH ST. PARIS, KY 40361	DR. EARTH INC POB 460 WINTERS, CA 95694	DRAKES FARM SVC. POB 308 340 LOGANSPORT RD MORGANTOWN, KY 42261-0308
DRAMM CORPORATION 2000 N 18TH STREET P.O. BOX 1960 MANITOWOC, WI 54220	DREXEL CHEMICAL CO. P.O. BOX 13327 MEMPHIS, TN 38113-0327	DYNA-GRO 2775 GIANT RD RICHMOND, CA 94806
DYSART CORPORATION 60 ELM STREET CANAL WINCHESTER, OH 43110	E.B. STONE & SON, INC. P.O. BOX 550 SUISUN, CA 94585	EARTHWORKS 1500 UHLER RD. EASTON, PA 18040
EARTHWORM CASTINGS UNLIMITED LLC 1179 SYLVERTIS RD WATERFORD, MI 48328	EASY GARDNER P.O. BOX 21025 WACO, TX 76702-1025	EAU CLAIRE CO-OP OIL CO. PO BOX 837 EAU CLAIRE, WI 54702
ECOLOGICAL LABORATORIES INC 2525 NE 9TH AVE CAPE CORAL, FL 33909	ECOLOGICAL LABORATORIES INC (ADMIN) POB 184 MALVERNE, NY 11565	ECOSCRAPS INC POB 731 SANDY, UT 84091
ECOTRAC ORGANICS INC 304 GRANT RD #6 EAST WENATCHEE, WA 98802	EDC Ag Products Company LLC 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243	ENCAP, LLC 3921 ALGOMA ROAD GREEN BAY, WI 54311-9707
ENP INVESTMENTS INC POB 618 MENDOTA, IL 61342	ENVIRON 4555 LAKE FOREST DRIVE SUITE 650 CINCINNATI, OH 45242	ENVIROWISE LLC 601 GATEWAY CT BAKERSFIELD, CA 93307
ESPOMA CO. 6 ESPOMA RD. MILLVILLE, NJ 08332	EVERGREEN LIQUID PLANT 790 ST. CHARLES ST. W R.R. #1 BRESLAU, ON N0B 1M0	EVERRIS NA POB 3310 DUBLIN, OH 43016

TABLE 3 (Continued)

EXCELAG CORPORATION 7300 N KENDALL DR SUITE 640 MIAMI, FL 33156	FARM AG SALES POB 3003 LA VERGNE, TN 37086-1983	FARM AG SALES DBA C&F FARM SUPPLY 66 EAST MAIN ST HWY 70 HISEVILLE, KY 42152
FARMERS FERTILIZER CO. POB 51426 BOWLING GREEN, KY 42102	FARMERS FERTILIZER CO.(KELLY RD) 739 KELLEY RD. BOWLING GREEN, KY 42101	FARMERS FERTILIZER CO.(NASH. RD) 5619 OLD NASHVILLE RD. LOOP 2 BOWLING GREEN, KY 42101
FARNAM CO. 301 W. OSBORN RD. PHOENIX, AZ 85013	FBSCIENCES INC 153 N MAIN SUITE 100 ^o COLLIERVILLE, TN 38017	FERTI TECHNOLOGIES 560, CHEMIN RHEAUME C.P. 129 ST MICHAEL, QC J0L 2L0
FERTI TECHNOLOGIES 111 MC NESS RD STATESVILLE, NC 28677	FERTRELL P.O. BOX 265 BAINBRIDGE, PA 17502	FLEMING CO FARM SUPP. 1724 MAYSVILLE ROAD FLEMINGSBURG, KY 41041
FLORADIS ENTERPRISES INC POB 156 RIVA, MD 21140	FLORATINE PRODUCTS GROUP 355 E SOUTH ST COLLIERVILLE, TN 38017	FLORIKAN E.S.A. CORPORATION 1579 BARBER RD. SARASOTA, FL 34240-9391
FLORISTS TRANSWORLD DELIVERY 3113 WOODCREEK DRIVE DOWNERS GROVE, IL 60515	FOLI ORGANIC NUTRIENTS 3525 SR 32 WEST WESTFIELD, IN 46074	FOXFARM SOIL & FERTILIZER COMPANY POB 787 ARCATA, CA 93518
FRANK HINTON & SON P.O. BOX 10 PLUMMERS LANDING, KY 41081	FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE, OH 43537	FREEPORT-MCMORAN SIERRITA INC 6200 W. DUVAL MINE RD GREEN VALLEY, AZ 85614
FRESH START GROWERS 1007 E JEFFERSON ST LOUISVILLE, KY 40206	FRICK SERVICES INC 3154 W DEPOT ST POB 40 WAWAKA, IN 46794	FRIT INDUSTRIES P.O. BOX 1589 OZARK, AL 36361
FUJIFILM HUNT CHEMICAL USA 40 BOROLINE ROAD ALLENDALE, NJ 07401	FUTURE GROW AG PRODUCTS 745-F CANE RUN HARRODSBURG, KY 40330	GARDEN SOIL SUPPLY LLC 2242 BERLIN STATION RD DELAWARE, OH 43015
GARDENER'S LIVING SOIL 1031 PROGRESS DR CLARKSVILLE, TN 37040	GARICK 13600 BROADWAY AVENUE CLEVELAND, OH 44125	GARMON CORPORATION 27461 VIA INDUSTRIA TEMECULA, CA 92590
GAVILON FERTILIZER INC 3860 N. MAIN STREET, SUITE A E. PEORIA, IL 61611	GAVILON FERTILIZER INC 5 SKIDAWAY VILLAGE WALK SAVANNAH, GA 31411	GENERAL HYDROPONICS PO BOX 1576 SEBASTOPOL, CA 95473
GEOGLOBAL PARTNERS 1727 OLD OKEECHOBEE RD WEST PALM BEACH, FL 33409	GHB CONSULTING 46 LAURA DR LE MARS, IA 51031	GLOBAL ORGANICS (TONNAGE) 4050 S SARIVAL AVE GOODYEAR, AZ 85338
GLOBAL ORGANICS LLC 16121 W EDDIE ALBERT WAY GOODYEAR, AZ 85338	GOLD LABEL 5050 ARBOGA RD OLIVEHURST, CA 95961	GOOD EARTH HORTICULTURE, INC P.O. BOX 266 LANCASTER, NY 14086
GRANT COUNTY MULCH INC 181 MULCH DRIVE PETERSBURG, WV 26847	GREAT SALT LAKE MINERALS 765 N. 10500 WEST OGDEN, UT 84404	GREEN & HAGSTROM 7767 FERNVALE RD. PO BOX 658 FAIRVIEW, TN 37062
GREEN CHARGER FERT CORP. P.O. BOX 26234 RICHMOND, VA 23260	GREEN LIGHT PO BOX 17985 SAN ANTONIO, TX 78216	GREEN LIGHT A VALENT USA CO POB 8025 WALNUT CREEK, CA 94596

TABLE 3 (Continued)

GREEN RIVER FEED MILL P.O. BOX 410 700 S. MAIN STREET MORGANTOWN, KY 42261	GREEN TECHNOLOGIES LLC POB 35790 GAINESVILLE, FL 32635-7905	GREENPOINT AG P.O. BOX 459 HARDINSBURG, KY 40143
GREENPOINT AG LLC (ADM) 3350 PLAYERS CLUB PARKWAY #100 MEMPHIS, TN 38125	GREENRITE AG SUPPLY 1020 BROOKS INDUSTRIAL RD SHELBYVILLE, KY 40065	GREENRITE AG SUPPLY LLC (ADMIN) POB 1223 SHELBYVILLE, KY 40065
GREENSTAR PLANT PRODUCTS INC #284-505-8840 210TH STREET LANGLEY, BC V1M 2Y2, CANADA	GREENVIEW DIV- LEBANON SEABOARD CO 1600 E. CUMBERLAND ST. LEBANON, PA 17042	GRIFFIN INDUSTRIES LLC P.O. BOX 2007 HENDERSON, KY 42419-2007
GRIGG BROTHERS 9495 1050 E PO BOX 128 ALBION, ID 83311	GRO GREEN INC 717 ELK ST BUFFALO, NY 14210	GRO TEC INC. P.O. BOX 290 MADISON, GA 30650-1821
GRO-MORE 281 FARMLAND RD LEOLA, PA 17540	GROW MORE INC 15600 NEW CENTURY DRIVE GARDENA, CA 90248	GROWERS CHEMICAL CORP. 321-329 HURON STREET P.O. BOX 1750 MILAN, OH 44846
GROWMARK INC. 1701 TOWANDA AVE. BLOOMINGTON, IL 61702	GROWTH TECHNOLOGY LTD GREAT WESTERN WAY TAUNTON, UK TA2 6BX	GUSTAFSON LLC 1400 PRESTON ROAD STE 400 PLANO, TX 75093
H & S FARM SUPPLY 1075 US HWY 60 WEST MORGANFIELD, KY 42240	HAIFA NORTH AMERICA INC 307 CRANES ROOST BLVD #2030 ALAMONTE SPRINGS, FL 32701	HAMBY FARMS 1031 PROGRESS DRIVE CLARKSVILLE, TN 37040
HANCOCK COUNTY FARM 740 MADISON ST P.O. BOX 95 HAWESVILLE, KY 42348	HARRELL'S PO BOX 807 LAKELAND, FL 33802	HARRELL'S INC P.O. BOX 807 LAKELAND, FL 33815
HARSCO METAL & MINERALS 359 NORTH PIKE RD SARVER, PA 16055	HARSCO MINERALS 357 NORTH PIKE RD SARVER, PA 16055	HARVEST GARDEN PRO 1977 BAY RD. MILFORD, DE 19936
HELENA CHEMICAL 120 SETTLE RD. INMAN, SC 29349-7501	HELENA CHEMICAL - HAZEL 1679 HUB ERWIN RD HAZEL, KY 42049	HELENA CHEMICAL CO (SHARON) 4874 HWY 45 E SHARON, TN 38255
HELENA CHEMICAL COMPANY (COL) 225 SCHILLING BLVD. SUITE 300 COLLIERVILLE, TN 38017	HELENA CHEMICAL COMPANY (HICK) 3500 ST RT 1099 HICKMAN, KY 42050	HELENA CHEMICAL COMPANY (MURR) 2878 WISWELL RD MURRAY, KY 42071
HELENA CHEMICAL COMPANY (OBOR) 2301 EBACH STREET OWENSBORO, KY 42303	HELENA CHEMICAL COMPANY (RUSS) 910 NASHVILLE RD RUSSELLVILLE, KY 42276	HELENA CHEMICAL COMPANY (SPR) PO BOX 366 SPRINGFIELD, KY 40069
HELM FERTILIZER 10150 HIGHLAND MANOR DR SUITE 230 TAMPA, FL 33610	HELM FERTILIZER CORP (ADMN OFFICES) 4042 PARK OAKS BLVD, SUITE 330 TAMPA, FL 33610	HENRY FARMERS COOP 4075 HWY 641 S MURRAY, KY 42071
HENRY FARMERS COOP P.O. BOX 1058 PARIS, TN 38242	HENRY FARMERS COOPERATIVE 521 E MAIN STREET SALEM, KY 42078	HIDDEN CREATIONS 1000 LINCOLN ROAD SUITE H, #123 YUBA CITY, CA 95991
HILANDER FEED COMPANY 618 MILITARY ST. GEORGETOWN, KY 40324	HOLGANIX LLC 54 CONCHESTER RD GLEN MILLS, PA 19342	HOLLAND BEAUTY CORP 8480 N. 87TH ST. MILWAUKEE, WI 53224

TABLE 3 (Continued)

HOMEGROWN HYDROPONICS INC 26 METEOR DRIVE TORONTO, ON M9W 1A4	HONEYWELL P.O. BOX 1559 HOPEWELL, VA 23860	HONEYWELL (ADMIN) 101 COLUMBIA RD MORRISTOWN, NJ 07962
HORTISOL USA CORPORATION PO BOX 396 BETHEL, VT 05032	HORTISOL USA CORPORATION (TONNAGE) POB 396 BETHEL, VT 05032	HOWARD FERTILIZER & CHEMICAL CO. POB 628202 ORLANDO, FL 32862
HOWARD JOHNSONS ENT., INC. 9675 S 60TH ST FRANKLIN, WI 53132	HYDRITE CHEMICAL COMPANY 300 N PATRICK BLVD BROOKFIELD, WI 53045	HYDROLYSATE COMPANY OF AMERICA, LLC P.O. BOX 271 ISOLA, MS 38754
HYDRONAMICS INTERNATIONAL 5711 ENTERPRISE DR LANSING, MI 48911	HYPERFORMER PRODUCTS 7664 SMYTHE FARM RD MEMPHIS, TN 38120	HYPONEX CORP. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041
HYR BRIX FERTILIZER 2242 BERLIN STATION RD DELAWARE, OH 43015	HYSINGER FARM 1375 ROSE HILL RD MT VERNON, KY 40456	ICL PREMIUM FERTILIZERS NA 4950 BLAZER MEMORIAL PARKWAY DUBLIN, OH 43017
ICL PREMIUM FERTILIZERS NA 622 EMERSON RD ST. LOUIS, MO 63141	IMPROCROP 3031 CATNIP HILL PIKE NICHOLASVILLE, KY 40356	INFINITY FERTILIZERS INC POB 1158 MILAN, IL 61264
INNINCTIS CROP CARE LLC 4850 HANS PEAK DRIVE SUITE 200 LOVELAND, CO 80538	INSTA-GRO MANUFACTURING, INC. 8217 LINN HIPSHER RD. CALEDONIA, OH 43314	INTERNATIONAL CHEMICAL 1887 E 71ST STREET TULSA, OK 74136
INTEROCEANIC CORPORATION 500 EXECUTIVE BLVD OSSINING, NY 10562	ISAGRO USA INC 430 DAIS DRIVE SUITE 240 MORRISVILLE, NC 27560	ITALPOLLINA USA POB 9039 FT WAYNE, IN 46899
J. R. PETERS 6656 GRANT WAY ALLENTOWN, PA 18106	JANES FERTILIZER & FARM SUPPLY 4540 EDMONTON RD. COLUMBIA, KY 42728	JERRY DEAKLE & ASSOCIATES 3434 EDWARDS MILL RD #112-264 RALEIGH, NC 27612
JH BIOTEC 4951 OLIVAS PARK DR VENTURA, CA 93003	JIGSAW MARKETING & MEDIA LTD POB 703 BUCKS, UK HP6 9BX	JIMMY SANDERS (BG) 1753 RICH POND RD BOWLING GREEN, KY 42104
JIMMY SANDERS (FANCY) 9625 STATE ROUTE 121 N FANCY FARM, KY 42039	JIMMY SANDERS (GLASGOW) 242 NOBOB RD GLASGOW, KY 42141	JIMMY SANDERS (HART) POB 23 HARTFORD, KY 42347
JIMMY SANDERS (KEVIL) 12240 HWY 60 WEST KEVIL, KY 42053	JIMMY SANDERS (MAY) 521 S 16TH ST MAYFIELD, KY 42066	JIMMY SANDERS (MELB) 5799 SHAW RD. MELBER, KY 42069
JIMMY SANDERS (RUSS) 95 UTILITY DRIVE RUSSELLVILLE, KY 42276	JIMMY SANDERS (WING) 2559 STATE RT 94W WINGO, KY 42088	JONATHAN GREEN & SONS P.O. BOX 326 FARMINGDALE, NJ 07727
JOSEPH BRENNAN 1328 PEBBLE DRIVE GRAHAM, NC 27253	JRM CHEMICAL 4881 NEO PKWY. CLEVELAND, OH 44128	JUNE CRAWFORD 103 REGULATORY SVS BLDG LEXINGTON, KY 40546
KEES FARM SERVICE & SUPPLY LLC P.O. BOX 901 GRAYSON, KY 41143	KEG RIVER CHEMICAL CORP 10350 21 ST EDMONTON, AB T6P 1W4	KELLOGG GARDEN PRODUCTS 350 W SEPULVEDA BLVD CARSON, CA 90745

TABLE 3 (Continued)

KELLOGG GARDEN PRODUCTS 650 E PARKRIDGE AVE SUITE 109 CORONA, CA 92879	KELLY REGISTRATION SYSTEMS 14481 LOCKRIDGE BLVD COVINGTON, GA 30014	KENS VALUE CTR. 5529 KY HWY. 1054 SOUTH BERRY, KY 41003-8620
KENT MARINE 9675 S. 60TH STREET FRANKLIN, WI 53132	KENTUCKY EARTHWORM CASTINGS 371 THOMPSON RD LEXINGTON, KY 40508	KENTUCKY EARTHWORM CASTINGS (ADMIN) 351 PATCHEN DRIVE LEXINGTON, KY 40517
KENTUCKY FERTILIZER (WINCH) 303 HILL ST WINCHESTER, KY 40391	KENTUCKY FERTILIZER LLC 1402 W MAIN ST LOUISVILLE, KY 40203	KENTUCKY FERTILIZER LLC (PEND. ST.) PENDLETON ST. WINCHESTER, KY 40391
KEYPLEX POB 2515 WINTER PARK, FL 32790	KNOX FERTILIZER CO., INC. P.O.BOX 248 W. CULVER ROAD KNOX, IN 46534	KOCH AGRONOMIC SERVICES LLC 4111 E 37TH STREET NORTH WICHITA, KS 67220
KOCH AGRONOMIC SERVICES LLC (ADMN) POB 2900 WICHITA, KS 67201-2900	KOCH FERTILIZER TRADING SARL C/O KOCH AG & ENERGY SOLUTIONS POB 2900 WICHITA, KS 67201	KOCH FERTILIZER TRADING SARL (ADMN) POB 2900 C/O KOCH AG & ENERGY SOLUTIONS WICHITA, KS 67201-2900
KOCH NITROGEN COMPANY LLC POB 2219 WICHITA, KS 67201	KOCH NITROGEN COMPANY, LLC (ADMIN) P.O. BOX 2900 WICHITA, KS 67201-2900	KOCH NITROGEN INT'L SARL C/O KOCH AG & ENERGY SOLUTIONS P.O. BOX 2900 WICHITA, KS 67201-2900
KRESTI A. LYDDON, CONSULTING 9980-230 S+N SCANDEA, MN 55273	LAKE CUMBERLAND FARMERS CO-OP 469 E HIGHWAY 90 BY-PASS MONTICELLO, KY 42633	LANDIS INTERNATIONAL INC POB 5126 VALDOSTA, GA 31603-5126
LAWN AND GARDEN PRODUCTS, INC P O BOX 35000 FRESNO, CA 93745	LAWN CURE OF SOUTH. IN POB 558 5000 PROGRESS WAY SELLERSBURG, IN 47172	LEBANON SEABOARD CORP 1600 E. CUMBERLAND ST. LEBANON, PA 17042
LESCO INC. 1385 EAST 36TH STREET CLEVELAND, OH 44114-4114	LIDOCHEM INC 20 VILLAGE COURT HAZLET, NJ 07730	LILLY MILLER BRANDS P.O. BOX 2289 CLACKAMAS, OR 97015
LILLY MILLER BRANDS 15750 N LOMBARD ST, STE 200 PORTLAND, OR 97203	LILLY MILLER BRANDS 1340 TREAT BLVD, STE 650 WALNUT CREEK, CA 94597	LILLY MILLER BRANDS (ATL) 2030 POWERS FERRY RD SUITE 370 ATLANTA, GA 30339
LOUISVILLE & JEFFERSON COUNTY MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211	LOUISVILLE & JEFFERSON CTY MSD P.O. BOX 740011 LOUISVILLE, KY 40201	LOVELAND PRODUCTS, INC. P.O. BOX 1286 GREELEY, CO 80632
MACON TROUSDALE FARMERS 905 SCOTTSVILLE RD. LAFAYETTE, TN 37083	MAJESTIC EARTH POB 790 AGAWAM, MA 01001	MANNCO ENVIRONMENTAL SERVICES INC 4055 SERAPH DRIVE SUITE 1 CONWAY, AR 72034
MARS FISHCARE NORTH AMERICA INC PO BOX 218 CHALFONT, PA 18914	MARSHALL COUNTY CO-OP P.O. BOX 230 501 POPLAR BENTON, KY 42025	MARTIN MARIETTA 8140 CORPORATE DR SUITE 220 BALTIMORE, MD 21236
MARTIN MARIETTA 1800 E. LAKE ROAD MANISTEE, MI 49660	MARTIN OPERATING PARTNERSHIP LP POB 191 KILGORE, TX 75663-0191	MARTIN RESOURCES (IL) 580 E SHIPYARD RD POB 1110 SENECA, IL 61360
MARUBENI AMERICA CORPORATION 2800 POST OAK BLVD SUITE 6000 HOUSTON, TX 77056	MASTER NURSERY 2151 SALVIO ST SUITE 255 CONCORD, CA 94520	MASTER PLANT PRODUCTS CO, LTD 314 ORENDA RD. BRAMPTON, ON L6T 1G1

TABLE 3 (Continued)

MASTERBLEND INTERNATIONAL LLC 4673 WEITZ RD MORRIS, IL 60450	MAUGET, J.J. CO., INC. 5435 PECK RD. ARCADIA, CA 91006-5847	MAYSLICK MILL 6538 US 68 MAYSLICK, KY 41055
MAYVILLE LIMESTONE INC POB 25 MAYVILLE, WI 53050	MEARS FERTILIZER INC POB 1271 EL DORADO, KS 67042	MEIJER (GRAND) 2929 WALKER NW GRAND RAPIDS, MI 49544
MGS HORTICULTURAL 50 HAZELTON LEAMINGTON, ON N8H 3W1	MICHIGAN BULB CO. AND AFFILIATES 110 W ELM STREET TIPP CITY, OH 45371-1655	MICHIGAN PEAT CO. P.O. BOX 980129 HOUSTON, TX 77098-0129
MID STATES AG SALES LLC POB 3003 LAVERGNE, TN 37086-1983	MIDWEST AGRI-CHEMICO INC. P.O. BOX 1717 4868 NASH CAPE GIRARDEAU, MO 63702	MIGHTY GROW (TONNAGE) 868 EDWARD LOPER RD FRUITDALE, AL 36539
MIGHTY GROW INC POB 526 FRUITDALE, AL 36539	MILLER CHEMICAL & FERTILIZER LLC P.O. BOX 333 RADIO ROAD HANOVER, PA 17331	MILWAUKEE METRO SEWERAGE DISTRICT P.O. BOX 3049 MILWAUKEE, WI 53201-3049
MINERAL PROCESSING 1855 CH 99 CAREY, OH 43316-3049	MIRACLE GRO LAWN PRODUCTS 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041	MIRIMICHI GREEN EXPRESS LLC 418 HERMATIGE RD CASTLE HAYNE, NC 28429
MISSISSIPPI PHOSPHATES CORP P.O. BOX 848 PASCAGOULA, MS 39568-0848	MOLLY HICKMAN 19699 MOUNTAINEER WAY E123 BEND, OR 97702	MONTANA SULPHUR & CHEMICAL COMPANY POB3111 8627 EXXON RD BILLINGS, MT 59101
MONTGOMERY CO-OP STATELINE 6002 5149 GUTHRIE HWY CLARKSVILLE, TN 37040-5426	MONTY'S PLANT FOOD 4800 STRAWBERRY LN LOUISVILLE, KY 40209	MORRAL CO. 132 POSTLE ST. P O BOX 26 MORRAL, OH 43337
MOSAIC CLOBAL SALES LLC 13830 CIRCA CROSSING DR LITHIA, FL 33547	MOSAIC CROP NUTRITION LLC (ADMIN) 13830 CIRCA CROSSING DR LITHIA, FL 33547	MOSAIC CROP NUTRITION, LLC 8813 HWY 41 S RIVERVIEW, FL 33569
MULCH MANUFACTURING 6747 TAYLOR RD SW REYNOLDSBURG, OH 43068	MYCHORRHIZAL APPLICATIONS INC 810 NW E ST GRANTS PASS, OR 97526	NAC MANFACTURING INC 601 KETTERING DR ONTARIO, CA 91761
NACHURS ALPINE SOLUTIONS CORP 421 LEADER ST. MARION, OH 43302-9989	NATIONAL GARDEN WHOLESALe 5408 NE 88TH STREET VANCOUVER, WA 98665	NATURAL TECHNOLOGIES 15 DARTMOUTH DR SUITE 101 AUBURN, NH 03032
NEW EEZY GRO INC 218 TOLEDO ST CAREY, OH 43316	NEW PLANT LIFE 345 E. HUPP ROAD LA PORTE, IN 46350	NORTH COUNTRY ORGANICS PO BOX 372 BRADFORD, VT 05033
NORTHWEST AGRICULTURAL PRODUCTS INC POB 3453 PASCO, WA 99302	NUFARM AMERICAS INC 11901 S AUSTIN AVE ALSIP, IL 60803	NUTRA-FLO CO 1919 GRAND AVE. SIOUX CITY, IA 51107
NUTRIENTS PLUS LLC 2133 UPTON DR, SUITE 126 VIRGINIA BEACH, VA 23454	NUTRIFIELD PTY LTD POB 2103 PRESTON VICTORIA, AU 3072	OAKLEY (LITTLE ROCK) POB 17880 NORTH LITTLE ROCK, AR 72117
OAKLEY FERTILIZER INC POB 935 312 S. FIR STREET BEEBE, AR 72012	OBION GRAIN COMPANY INC BOX 119 OBION, TN 38240	OCEAN CREST SEAFOODS, INC. 88 COMMERCIAL ST. GLOUCESTER, MA 01930

TABLE 3 (Continued)

OCEAN GROWN INC 7453 UNIT C COMMERCIAL CIRCLE FT PIERCE, FL 34951	OCEAN ORGANICS POB 1448 WALDOBORO, ME 04572	OCEAN ORGANICS (ADMIN) 2153 NEWPORT RD ANN ARBOR, MI 48103
OHP INC POB 230 MAINLAND, PA 19451	OLDCASTLE (SAUGET) 1 RIVERVIEW AVENUE SAUGET, IL 62201	OLDCASTLE LAWN & GARDEN PO BOX 468567 ATLANTA, GA 31146
OLDCASTLE LAWN & GARDEN 500 S FLORIDA AVE, SUITE 240 LAKELAND, FL 33801	OLDCASTLE RETAIL (ATLANTA) 375 NORTHRIDGE RD., SUITE 250 ATLANTA, GA 30350	OLDFIELD, J.A. & SON US HWY 460 WEST MIZE, KY 41352
OMEGA PROTEIN INC 2105 CITY WEST BLVD, SUITE 500 HOUSTON, TX 77042	OREGON'S ONLY POB 7312 SPRINGFIELD, OR 97475	ORGANIC LABORATORIES INC 2963 SE DOMINICA TERRACE STUART, FL 34997
OSTARA NUTRIENTS USA INC 690-1199 WEST PENDER ST VANCOUVER, BC V6E 2R1	OTIS BRYANT & SON INC POB 148 CANEYVILLE, KY 42721	OVERTON FARMERS CO-OP 1500 WEST MAIN ST LIVINGSTON, TN 38570
OXBOW FERTILIZER LLC 1450 LAKE ROBBINS DR., SUITE 5 THE WOODLANDS, TX 77380-3252	PADUCAH-MCCRACKEN RVRPORT AUTHORITY 125 LOCUST DR. PO BOX 2302 PADUCAH, KY 42002 PCS SALES (USA), INC. 1101 SKOKIE BLVD SUITE 400 NORTHBROOK, IL 60062	PARRISH SHOP/SALES 8834 LARUE RD. HENDERSON, KY 42420
PBI GORDON CORP 1217 W 12TH ST PO BOX 014090 KANSAS CITY, MO 64101	PENNINGTON SEED INC. P.O. BOX 290 MADISON, GA 30650	PEARL VALLEY FARMS DBA PEARL VALLEY ORGANICS 968 S KENT RD PEARL CITY, IL 61062
PENNINGTON SEED INC P.O. BOX 338 HWY 160 GREENFIELD, MO 65661	PHASE II INC POB 185 15750 S 680 W REMINGTON, IN 47944	PENNYRILE AG OIL INC. 2260 PRINCETON RD. HOPKINSVILLE, KY 42240
PERDUE AGRI RECYCLE 28338 ENVIRO WAY SEAFORD, DE 19973	PINNACLE ORGANIC PRO PLANT FOOD 401 N WALNUT ST SHERMAN, TX 75091	PHELPS DODGE CORPORATION ONE NORTH CENTRAL AVE. PHOENIX, AZ 85004
PHOSYN PLC MANOR PLACE, WELLINGTON RD THE INDUSTRIAL ESTATE, POCK. YORK, UK YO42 1DN	PLANT RESEARCH SERVICES LLP 2255 141ST LANE NE NO TONNGE REPORTS DUE HAM LAKE, MN 55304	PIONEER SOUTHERN P O BOX 266 LANCASTER, NY 14086
PLANT FOOD COMPANY INC 38 HIGHTSTOWN CRANBURY STATION RD CRANBURY, NJ 08512	PLANTABBS PRODUCTS P.O. BOX 165 HUNT VALLEY, MD 21030	PLANT REVOLUTION INC 412 GOETZ AVE SANTA ANA, CA 92707
PLANT SCIENCE INC 2934 VANDORF SIDE ROAD GORMLEY, ON L0H 1G0	PMI NUTRITION INTERNATIONAL (ADM) POB 64281 ST. PAUL, MN 55164-0281	PLEASANT VIEW FARMS 446 SOUTH UNION ROAD AUBURN, KY 42206
PMI INTERNATIONAL LLC POB 19798 BRENTWOOD, MO 63144	PRECISION LABORATORIES 1429 S SHIELDS DR WAUKEGAN, IL 60085	PQ CORP. P.O. BOX 840 VALLEY FORGE, PA 19482
PRATHER WORM CASTINGS 582 GOODLET ROAD SALVISA, KY 40372	PRESTIGE MARKETING LTD 815 BROWN ROAD ORION, MI 48359	PREMIER TECH BIOTECHNOLOGIES 1 AVENUE PREMIER REVIERE-DU-LOUP, QC G5R 6C1
PREMIUM WOOD AND GARDEN PRODUCTS 345 E MAIN STREET STE. H JACKSON, OH 45640	PRO AG SALES & SERVICE INC 410 VALKSDAHL AVENUE DANVILLE, KY 40422	

TABLE 3 (Continued)

PRO SOL P.O. BOX 1589 OZARK, AL 36361	PRO SOLUTIONS (CROFT) 222 E PRINCETON ST CROFTON, KY 42217	PRO SOLUTIONS (SPRING) 5018 HWY 41 N SPRINGFIELD, TN 37172
PROGRESSIVE TURF LLC (ADMIN) 1512 ALEX DRIVE BIRMINGHAM, AL 35210	PROVEN WINNERS NORTH AMERICA LLC 45 NORTH FIRST ST, SUITE B CAMPBELL, CA 95008	PROVIDENCE AG 3400 PLAYERS CLUB PARKWAY SUITE 210 MEMPHIS, TN 38125
PROVIDENCE AG - FANCY FARM 9625 STATE ROUTE 121 N FANCY FARM, KY 42039	PROVIDENCE AG - HARTFORD 1320 HIGHWAY 231 NORTH POB 23 HARTFORD, KY 42347	PROVIDENCE AG - MAYFIELD 521 S 16TH STREET MAYFIELD, KY 42066
PROVIDENCE AG - MELBER 5799 SHAW RD MELBER, KY 42069	PROVIDENCE AG - RUSSELLVILLE 95 UTILITY DR RUSSELLVILLE, KY	PROVIDENCE AG - WINGO 2559 STATE ROUTE WINGO, KY 42088
PROVIDENCE AG -BOWLING GREEN 1753 RICH POND RD BOWLING GREEN, KY 42104	PROVIDENCE AG -GLASGOW POB 126 GLASGOW, KY 42142	PRYOR CHEMICAL COMPANY 4463 HUNT ST PRYOR, OK 74361
PRYOR CHEMICAL COMPANY (ADMIN) 1309 RIDGE RD, SUITE 315 ROCKWELL, TX 75087	PURELY ORGANICS LLC ONE NEW HAMPSHIRE AVENUE SUITE 125 PORTSMOUTH, NH 03301	QUALITY BORATE COMPANY 3690 ORANGE PLACE STE 495 CLEVELAND, OH 44122
QUICK GRO POB 309 PHILPOT, KY 42366	R3 AG CONSULTING LLC 1629 POLLASKY #111 CLOVIS, CA 93612	RAGAN & MASSEY INC 101 PONCHATOULA PARKWAY PONCHATOULA, LA 70454
RAINBOW TREECARE 2239 EDGEWOOD AVENUE MINNEAPOLIS, MN 55426	RAINTREE SVC OF W KY P.O. BOX 51634 BOWLING GREEN, KY 42102	RAINTREE SVC OF W KY DBA CHEMLAWN 633 N. 6TH ST. PADUCAH, KY 42001
REDOX CHEMICALS LLC 130 S 100 W BURLEY, ID 83318	REFORESTATION TECHNOLOGIES 1341 DAYTON ST UNIT G SALINAS, CA 93901	REGENERATED RESOURCES LLC PO BOX 561 PARIS, AR 01701
REGISTRATIONS BY DESIGN POB 1019 SALEM, VA 24153	RELIANCE AG (RUSS) 333 WATERMELON RD RUSSELLVILLE, KY 42276	RELIANCE AG (TRENT) 393 PENCHAM RD. TRENTON, KY 42286
RENTECH NITROGEN PASADENA LLC POB 3447 PASADENA, TX 77501	RESIDEX, LLC 46495 HUMBOLDT DR NOVI, MI 48377-2446	RESTORA-LIFE MINERALS INC 2140 SCR 97 BAY SPRINGS, MS 39422
RHINO SEED 1093 129TH AVE POB 86 BRADLEY, MI 49311	RICHLAWN TURF FOOD LLC 15121 COUNTY RD 32 PLATTEVILLE, CO 80651	RIO TINTO MINERALS 8051 E MAPLEWOOD AVE. GREENWOOD VILLAGE, CO 80111
RIPS FARM CENTER PO BOX 176 TOLLESBORO, KY 41189	RIVER AG OF ILLINOIS INC. P.O. BOX 629 METROPOLIS, IL 62960	RIVER BEND AG LLC P.O. BOX 126 NEW MADRID, MO 63869
ROCK HOLDINGS SA PTY LTD CNR BRIAN AND LYND SAY RD LONSDALE, SOUTH, AU 5095	ROCKY MOUNTAIN BIO PRODUCTS 10801 E 54TH AVE DIV OF BOWMAN CONST DENVER, CO 80239 ROGERS FERTILIZER & SERVICES 836 W MAIN ST. LEBANON, KY 40033	ROD MC LELLAN COMPANY (MARYSVILLE) 14111 SCOTTS LAWN RD MARYSVILLE, OH 40341 ROLF C HAGEN (USA) CORP 305 FORBES BLVD MANSFIELD, MA 02048
ROD MCLELLAN COMPANY POB 70 INDEPENDENCE, OR 97351		

TABLE 3 (Continued)

ROOTBLAST INTERNATIONAL INC P.O. BOX 20109 CANTON, OH 44707	ROSEN'S INC 1120 LAKE AVE POB 933 FAIRMONT, MN 56031-0933	ROSEN'S INC (ADMIN) 700 SW 291 HWY SUITE 204 LIBERTY, MO 64068
ROYAL-GROW PRODUCTS LLC POB 52099 TULSA, OK 74152	RX GREEN SOLUTIONS LLC 177 EAST INDUSTRIAL PARK DRIVE FLOOR 2 MANCHESTER, NH 03109	S. J. ENTERPRISES 2/94 BROWN TCE SALISBURY (AUSTRALIA) SA 5108
SANCO INDUSTRIES INC POB 11617 FT WAYNE, IN 46859	SANDERS 331 HILL RD MC KENZIE, TN 38201	SANDERS (RUSSELLVILLE) 95 UTILITY DRIVE RUSSELLVILLE, KY 42276
SCHAFFER FISHERIES INC 2112 SANDRIDGE RD THOMSON, IL 61285	SCHULTZ CO. 13260 CORP. EXCHANGE DR. PO BOX 4406 BRIDGETON, MO 63044	SCOTTS MIRACLE-GRO PRODUCTS, INC 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041
SCOTTS SIERRA 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041	SEA MINERALS FA 17094 MARTIN PEDRO RD SILOAM SPRINGS, AR 72761	SEACHEM LABORATORIES 1000 SEACHEM DR. MADISON, GA 30650
SECURITY SEED & CHEMICAL INC (CLN) 4217 ST RT 703 E CLINTON, KY 42031	SECURITY SEED & CHEMICAL INC (CLA) 5217 GUTHRIE HWY CLARKSVILLE, TN 37040	SECURITY SEED & CHEMICAL INC (ELIZ) 505 ASSEMBLY LANE, SUITE 126 ELIZABETHTOWN, KY 42701
SECURITY SEED & CHEMICAL INC (HOP) 3530 EAGLE WAY BYPASS HOPKINSVILLE, KY 42240	SECURITY SEED & CHEMICAL INC (MOR) 3856 US HWY 60 E MORGANFIELD, KY 42437	SECURITY SEED & CHEMICAL INC (MUR) 795 BUTTERWORTH ROAD MURRAY, KY 42071
SECURITY SEED & CHEMICAL INC (RUSS) 3256 CLARKSVILLE RD RUSSELLVILLE, KY 42276	SECURITY SEED & CHEMICAL INC (SAL) 318 MAIN STREET SALEM, KY 42078	SECURITY SEED & CHEMICAL INC (SLA) 3110 JEWELL CITY RD SLAUGHTERS, KY 42456
SEVENTY FEEDS LLC 1647 E HWY 70 EUBANK, KY 42567	SHELL BEACH INC 842 FISHER RD MANY, LA 71449	SHELLEY, W.H. 3352 COLFAX ROAD HILLSBORO, KY 41049
SHENANDOAH GROWERS INC 3453 KOEHN DR HARRISONBURG, VA 22802	SIMS BARK COMPANY POB 4049 MUSCLE SHOALS, AL 35662	SMITHBOSARGE LLC POB 1079 SAINT CROIX FALLS, WI 54024
SO-IL SERVICES INC 91 S ADAMS ST CARTHAGE, IL 62321	SOLCE FERTILIZER COMPANY LLC 409 APOLLO BEACH RD APOLLO BEACH, FL 33572	SOLU-CAL USA LTD POB 278 WEST WAREHAM, MA 02576
SOLUTIONS 4 EARTH (TONNAGE) 931 AMERICAN PACIFIC DR # 104 HENDERSON, NV 89014	SOLUTIONS 4 EARTH LLC POB 12336 FALLON, NV 89047	SOUTH CENTRAL FARM SUPPLY, INC. 701 E. MAIN ST. GAMALIEL, KY 42140
SOUTHEASTERN POND MGT 2469 HIGHWAY 31 CALERA, AL 35040	SOUTHERN AGRICULTURAL INSECTICIDES PO BOX 218 PALMETTO, FL 34220	SOUTHERN FS, INC PO BOX 728 MARION, IL 62959
SPECTRUM GROUP POB 142642 ST LOUIS, MO 63114	SPEED AG SERVICE 345 ST. RT. 166W HICKMAN, KY 42050	SPEEDLING P.O. BOX 307 BUSHNELL, FL 33513
SQM NORTH AMERICA 4101 TOWERCREEK PKWY. STE. 450 ATLANTA, GA 30339	SS (BOWL) BOWLING GREEN COOP 640 PLUM SPRINGS LOOP BOWLING GREEN, KY 42101	SS (BRIS) COOP INC. 136 ALEXIS DR. BRISTOL, VA 24201

TABLE 3 (Continued)

SS (CADI) CADIZ BR 2829 HOPKINSVILLE RD. CADIZ, KY 42211	SS (CALH) CALHOUN -OWENSBORO 1432 KY 136-E CALHOUN, KY 42327	SS (CAMP) CAMPBELLSVILLE 1720 E. BROADWAY CAMPBELLSVLLE, KY 42718
SS (CARL) OWINGS SVC-CARLISLE BR 102 DORSEY AVE. CARLISLE, KY 40311	SS (CLAY) 205 E. RAILROAD ST. PO BOX 175 CLAY, KY 42404	SS (COLU) GREEN RVR SVC ADAIR 210 MERCHANT ST. COLUMBIA, KY 42728
SS (CYN) LEXINGTON COOP-CYN BRANCH 1236 US HWY 27 SOUTH CYNTHIANA, KY 41031	SS (ELIZ) HARDIN COOP, INC 402 S. MULBERRY ST. ELIZABETHTOWN, KY 42701	SS (ELKT) RUSS.-TODD BRANCH P.O. BOX 278 606 W MAIN STREET ELKTON, KY 42220
SS (EMIN) INC KNTCKANA SVC-HENRY BR 760 ELM ST. EMINENCE, KY 40019-9801	SS (FLEM) FLEMINGSBURG 658 WEST WATER PO BOX 167 FLEMINGSBURG, KY 41041	SS (FRAN) SIMPSON COOP 301 FINN ST. PO BOX 528 FRANKLIN, KY 42134
SS (GEOR) GEORGETOWN COOP 1141 PARIS RD. GEORGETOWN, KY 40324	SS (GLAS) GLASGOW COOP 300 SAMSON ST. GLASGOW, KY 42141	SS (GREE) GREENVILLE KY SVC 212 W. DEPOT ST. GREENVILLE, KY 42345
SS (HARD) BRECK SERVICE 122 OLD HWY. 60 HARDINSBURG, KY 40143	SS (HARR) CNTRL KY SVC 1027 N. COLLEGE HARRODSBURG, KY 40330	SS (HEND) HENDERSON COOP 5290 HWY 425 BYPASS HENDERSON, KY 42420
SS (HODG) HARDIN COOP HODG BR SVC 310 W. WATER ST. HODGENVILLE, KY 42748	SS (HOPK) HOPKINSVILLE COOP 501 E. 13TH ST. HOPKINSVILLE, KY 42240	SS (HORS) HORSE CAVE COOP 1104 S. DIXIE ST. HORSE CAVE, KY 42749
SS (LAGR) KY SVC BR-LAGRANGE BR C/O SS SHELBYVILLE 624 SOUTH 7TH ST SHELBYVILLE, KY 40065	SS (LEBA) LEBANON SVC 1752 BARDSTOWN RD SPRINGFIELD, KY 40069	SS (LIBE) LIBERTY SVC HC 65, BOX 155 225 S WALLACE WILKINSON BLVD LIBERTY, KY 42539
SS (LOND) LONDON COOP 1208 BARBOURVILLE STREET LONDON, KY 40741	SS (MAYS) FLEMINGSBURG COOP- MAYSVIL 1325 CLYDE BARBOUR HWY PO BOX 668 MAYSVILLE, KY 41056-0668	SS (MORG) MORGANFIELD COOP 2746 US HWY 60 W MORGANFIELD, KY 42437
SS (NICH) NICHOLASVILLE SVC 701 NICHOLASVILLE BYPASS NICHOLASVILLE, KY 40356	SS (OWEN) COOP OWENSBORO 3231 CARTER ROAD OWENSBORO, KY 42301	SS (OWENT) OWENTON COOP, INC 355 N. MAIN ST. OWENTON, KY 40359
SS (OWIN) OWINGSVILLE SVC P.O. BOX 557 409 BROOKS AVENUE OWINGSVILLE, KY 40360	SS (RICH) COOP INC FERT DIV P.O. BOX 26234 6606 W. BROAD STREET RICHMOND, VA 23260	SS (RICH) INC CROPS FARM P.O. BOX 26234 6606 W. BROAD ST. RICHMOND, VA 23260
SS (RICH) RICHMOND SVC 1607 E MAIN ST. RICHMOND, KY 40475	SS (RUSS) COOP, INC. P.O. BOX 600 US 68E, BOWLING GREEN ROAD RUSSELLVILLE, KY 42276	SS (RUSS) RUSSELLVILLE COOP 209 N. BETHEL ST. PO BOX 480 RUSSELLVILLE, KY 42276
SS (SHEL) SHELBYVILLE COOP 623 S. 7TH ST. PO BOX 39 SHELBYVILLE, KY 40065	SS (SOME) SOMERSET COOP 271 HWY 2227 SOMERSET, KY 42503	SS (SPRI) LEBANON-SPRINGFIELD BR 1752 BARDSTOWN RD. SPRINGFIELD, KY 40069
SS (STAN) STANFORD SVC 175 CORDIER LN STANFORD, KY 40484	SS (WARS) GALLATIN SVC PO BOX 39 SHELBYVILLE, KY 40065	SS (WINC) CLARK COOP 21 PENDLETON ST. WINCHESTER, KY 40391
SS (WINC) COOP, INC. P.O. BOX 516 MAGNOLIA ROAD WINCHESTER, KY 40391	SS COOP (CORDELE) 408 N 15TH STREET CORDELE, GA 31015	SS SEBREE BRANCH- OWENSBORO 1112 HWY 41 N SEBREE, KY 42455

TABLE 3 (Continued)

STANLEY CROP SERVICE LLC 250 CHURCH ST OWENSBORO, KY 42301	STARK BROS NURSERIES & ORCHARDS CO. 20947 HWY 54 LOUISIANA, MO 63353	STEPHEN FOLLETT CO, INC 4697 COUNTY RD. I STURGEON BAY, WI 54235
STEVE MCMURRY 1600 UNIVERSITY COURT LEXINGTON, KY 40546	STOLLER ENTERPRISES, INC 4001 W. SAM HOUSTON PKWY N STE. 100 HOUSTON, TX 77043	SULVARIS INC 6443 2 ST SE CALGARY, AB T2H 1J5
SUN BULB COMPANY, INC. P.O. DRAWER 698 ARCADIA, FL 34265	SUN GRO HORTICULTURE DISTRIBUTING 15831 NE 8TH STREET SUITE 100 BELLVUE, WA 98008	SUNLEAVES GARDEN PRODUCTS 7854 NORTH STATE RD 37 BLOOMINGTON, IN 47404
SUNSHINE PAPER COMPANY 12601 E. 33RD AVE #109 AURORA, CO 80011	SUNTERRA ONE SPRINKLER LANE PEORIA, IL 61615	SUPERIOR AG RESOURCES POB 7 CHRISNEY, IN 47611
SUPERIOR AG RESOURCES POB 38 ST MEINRAD, IN 47542	SUPERIOR AG RESOURCES (ADMIN) POB 420 HUNTINGBURG, IN 47542	SUPREME GROWERS LLC 7652 CENTRAL INDUSTRIAL DR UNIT 2 RIVIERA BEACH, FL 33404
SUPREME TURF PRODUCTS INC 5 CASSENS CT FENTON, MO 63026	SUSTANE/NATURAL FERTILIZER P.O.BOX 19 310 HOLIDAY AVE CANNON FALLS, MN 55009	SWANSON HEALTH PRODUCTS 4075 40TH AVE SW FARGO, SD 58104
SWISS FARMS PRODUCTS, INC. 3993 HOWARD HUGHES PKWY. STE. 250-N LAS VEGAS, NV 89169	SYLVITE SOUTHEAST 1609 W. OLIVE LAKELAND, FL 33815	T AND N, INC P O BOX 240 815 HWY T FORISTELL, MO 63348
T-NOU NV SCHARLOOWEG 25 WILLEMSTAD CURACAO THE DUTCH AN,	TALC USA 1710 141 ST AVE SE PAGE, ND 58304	TECHNAFLORA PLANT PRODUCTS LTD 7261 RIVER PLACE UNIT 101 MISSION, BC V4S 0A2
TECHNOLOGY SCIENCES GROUP INC 712 FIFTH STREET, SUITE A DAVIS, CA 95616	TECHPAC LLC POB 24830 LEXINGTON, KY 40524	TENNESSEE FARMERS COOP 200 WALDRON RD. PO BOX 3003 LAVERGNE, TN 37086
TERRAL RIVER SERVICE INC 10100 HIGHWAY 65 SOUTH LAKE PROVIDENCE, LA 71254	TESSENDERLO KERLEY 2255 N. 44TH ST. STE. 300 PHOENIX, AZ 85008	TETRA HOLDING (US) INC 3001 COMMERCE ST. BLACKSBURG, VA 24060
TETRA TECHNOLOGIES INC 24955 INTERSTATE 45 NORTH THE WOODLANDS, TX 77380	TEVA CORP. 6100 STATE HWY 77 BENTON, MO 63736	THE ANDERSONS 2345 SOUTH 400 EAST LOGANSPORT, IN 46947
THE ANDERSONS INC POB 119 MAUMEE, OH 43537	THE ANDERSONS INC (GALVESTON) 8086 E 900 S GALVESTON, IN 46932	THE ANDERSONS LAWN FERT DIV P.O. BOX 119 MAUMEE, OH 43537
THE DOGGETT CORP. 30 CHERRY ST. LEBANON, NJ 08833	THE GARDEN PATCH POB 550 ST PETERSBURG, FL 33731	THE MASTER GARDENER 5770 BLACKSTOCK RD SPARTANBURG, SC 29303
THE ORTHO GROUP P.O. BOX 190 MARYSVILLE, OH 43041	THE POND GUY INC POB 38 ROMEO, MI 48065	THE SANCTUARY P.O. BOX 656 WINTER PARK, CO 80482
THE SCOTTS CO. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041	THOMAS CAYCE FARM SUPPLY, LLC 3069 HWY. 1272 PRINCETON, KY 42445	TIGER-SUL PRODUCTS, LLC P.O. BOX 5 ATMORE, AL 36504

TABLE 3 (Continued)

TK GROUP, INC. 305 ASH GROVE LN OSWEGO, IL 60543	TOTAL TURF CONSULTING LLC 26 A.A. COOPER RD. MEIGS, GA 31765	TOWER GARDEN LLC 140 CRESCENT DR COLLIERVILLE, TN 38017
TRAMMO INC 4211 W. BOYSCOUT BLVD STE 600 TAMPA, FL 33607	TRI COUNTY CHEMICAL 2441 PUBLIC RD EL DORADO, IL 62930	TRI COUNTY FERT. 124 S. ESTILL AVE. RICHMOND, KY 40475-2014
TRI-COUNTY FERTILIZER P.O. BOX 147 HONEA PATH, SC 29654	TRIMBLE CO FARM 11300 HWY. 421-N MILTON, KY 40045	TRIPLE G FERTILIZER 4422 US 51 SOUTH ARLINGTON, KY 42021
TRUGREEN 461 ENTERPRISE DR LEWIS, OH 43035	TRUGREEN (FLOR) P.O. BOX 488 FLORENCE, KY 41022-0488	TRUGREEN (EVAN) P.O. BOX 5679 EVANSVILLE, IN 47716-5679
TRUGREEN (LEX) 575 HORTON CT. 2264 DANFORTH DRIVE LEXINGTON, KY 40511	TRUGREEN (LOUIS) 13135 MIDDLETOWN IND., BLVD. LOUISVILLE, KY 40223	TRUGREEN (SCOTT) 109 ERSKIN LN. PO BOX 396 SCOTT DEPOT, WV 25560
TRUPOINTE COOPERATIVE INC 5867 COUNTRYMARK RD GEORGETOWN, OH 45121	TRUPOINTE COOPERATIVE INC 818 S US RT 42 LEBANON, OH 45036-0117	TRUPOINTE COOPERATIVE INC P.O. BOX 512 WILMINGTON, OH 45177
TURF CARE SUPPLY CORP. 50 PEARL RD. UNIT 200 BRUNSWICK, OH 44212	TURF VENTURES 1450 BERNARD DR ANDERSON, IL 60101	TWO RIVERS, INC 7158 KENTUCKY 70 E DRAKESBORO, KY 42337
TWO WAY TRADING COMPANY INC POB 8362 DOOTHAN, AL 36304	U.S. BORAX INC. 14486 BORAX RD BORON, CA 93516	U.S. GYPSUM CO. DEPT. 174-0, 550 W. ADAMS CHICAGO, IL 60661-3676
UF GRANULAR FERTILIZERS 132 POSTAL RD MORRAL, OH 43337	UNCLE DUNKEL'S LLC POB 11 WOODBINE, KY 40771	UNCO INDUSTRIES INC. 1577 11TH AVENUE UNION GROVE, WI 53182
UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114	UNITED SUPPLIERS P.O. BOX 538 ELDORA, IA 50627	UNIVERSAL COOP INC. 1300 CORPORATE CENTER CURVE EAGAN, MN 55121-1233
UNLIMITED RENEWABLES LLC 1052 OAK FOREST DR SUITE 335 ONALASKA, WI 54650	VALAGRO 19500 HWY 249 SUITE 245 HOUSTON, TX 77070	VALLEY FARM CTR INC. 1226 N. MAIN ST. MONTICELLO, KY 42633
VALLEY FERTILIZER SVC. P.O. BOX 180 EDMONTON, KY 42129	VARIOUS REPORTING COMPANIES 103 REGULATORY SERVICES BLDG LEXINGTON, KY 40546	VERDANT BRANDS, INC. 9100 W BLOOMINGTON FWY STE 113 BLOOMINGTON, MN 55431-2263
VERDANT LAW 1025 CONNECTICUT AVE NW SUITE 1000 WASHINGTON, DC 20036	VERDESIAN LIFE SCIENCES US LLC 12222 AVENUE 352 VISALIA, CA 93291	VIRIDIUN PRODUCTS LLC 5050 WALLACE DR CUMMING, GA 30041
VITECH ENTERPRISES INC 138 OLD RIDGE RD BLOOMINGDALE, NJ 07403	VOGEL SEED & FERTILIZER COMPANY INC 1891 SPRING VALLEY RD JACKSON, WI 53037	VOLUNTARY PURCHASING 230 FM 87 BONHAM, TX 75418
W. WAYNE SURLES 6009 BRITLYN CT GLENN ALLEN, VA 23060	WABASH VALLEY SERVICE COMPANY 909 N COURT STREET RAYVILLE, IL 62844	WAGNER REGULATORY ASSOCIATES POB 640 HOCKESSIN, DE 19707

TABLE 3 (Continued)

WAGNER SEED & FERTILIZER 10677 OLD BOONEVILLE HW CHANDLER, IN 47610	WARNER FARM MART 6075 HWY 70 BRODHEAD, KY 40409	WARNER FERT CO. (ALBA) RT 4, BOX 165 ALBANY, KY 42602
WARNER FERT CO. (CAMP) P.O. BOX 87 CAMPBELLSVILLE, KY 42718	WARNER FERT CO. (COLU) P.O. BOX 274 COLUMBIA, KY 42728	WARNER FERT CO. (EAST) P.O. BOX 188 EAST BERNSTADT, KY 40729
WARNER FERT CO. (LIBE) P.O. BOX 1100 LIBERTY, KY 42539	WARNER FERT CO. (MONT) P.O. BOX 117 MONTICELLO, KY 42633	WARNER FERT CO. (NAN) P.O. BOX 108 NANCY, KY 42544
WARNER FERT CO. (RUSS) P.O. BOX 30 RUSSELL SPRINGS, KY 42642	WARNER FERT CO. (SOM) P.O. BOX 796 SOMERSET, KY 42502	WARNER FERT CO. (STANF) P.O. BOX 441 STANFORD, KY 40484
WARNER FERT CO. (TOMPK) P.O. BOX 215 ARMORY ROAD TOMPKINSVILLE, KY 42167	WATERWAY AG INC. P.O. BOX 629 METROPOLIS, IL 62960	WAYNE AUMEN POB 30008 CHARLESTON, SC 29417
WAYNESBURG AG 457 JAKE FAW RD WAYNESBURG, KY 40489	WILLIAMS FARMS FERTILIZER 424 WILLIAMS LN LACENTER, KY 42056	WILSON INDUSTRIAL SALES COMPANY INC 5063 SOUTH 1000 WEST POB 297 RENSSELAER, IN 47948
WINFIELD SOLUTIONS LLC PO BOX 64589 ST. PAUL, MN 55164	WINSTON COMPANY 7704 E 38TH STREET TULSA, OK 74145	WOLF TRAX 800 - ONE RESEARCH RD. WINNIPEG, MB R3T 6E3
WOLF TRAX USA INC 1395 A SOUTH COLUMBIA ROAD GRAND FORKS, ND 58201	WOODFORD FEED CO. P.O. BOX 116 498 LEXINGTON ROAD VERSAILLES, KY 40383	WOODSTREAM CORP 69 NORTH LOCUS ST LITITZ, PA 17543
WORLD GROW INTERNATIONAL POB 406 DAYTON, NJ 08810	WP RANCH 3408 WADESBORO RD BENTON, KY 42025	X-SEED, INC. 14585 31ST STREET CLEAR LAKE, MN 55319
YARA NORTH AMERICA 100 N. TAMPA ST, STE 3200 TAMPA, FL 33602	YARA UK LTD MANOR PLACE, WELLINGTON RD. THE INDUSTRIAL ESTATE POCKLINGTON, YORK, UK Y0421DN	YIELD PLUS INC POB 1183 CAPE GIRARDEAU, MO 63702
ZAHIGIAN, LYNNE REG. CONSULTING P.O. BOX 1566 FALLON, NV 89407-1566	ZINC NACIONAL S.A. SERAFIN PENA 938 CENTRO 64000 MONTERREY N.L.,	



The College of Agriculture, Food and Environment is an Equal Opportunity Organization.