

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



**Regulatory Bulletin No. 320**

# **Annual Report Analyses of Official Fertilizer Samples**

July 2012 – June 2013

Division of Regulatory Services  
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## INTRODUCTION

This bulletin presents the results of the analysis of 3,031 official samples of commercial fertilizer taken during the period of July 1, 2012 through June 30, 2013 by the field inspection staff. The samples represented approximately 57,374 tons of fertilizer out of the approximately 981,831 tons sold during this period. The Laboratory made 2,612 nitrogen, 2,121 phosphorus, 2,280 potassium and 54 chloride (max), secondary and minor element and certain other analyses on these samples. The results of N, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O, 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 September 2013.

## 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 - P<sub>2</sub>O<sub>5</sub> - K<sub>2</sub>O. For custom mixes with fractional guarantees this represents the whole number part of the guarantee.

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

**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% P<sub>2</sub>O<sub>5</sub>, and 24% K<sub>2</sub>O.

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

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

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

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

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

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

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

\* : Those results 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% P<sub>2</sub>O<sub>5</sub> 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:

### 3 Analysis of Official Fertilizer Samples in Kentucky June 2012 through July 2013

(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%  $P_2O_5$  and 11.2%  $K_2O$ . The grade would be printed 0-11-11. However, the investigational allowances are applied on the basis of the 11.9% and 11.2% guarantees. If this custom mixed fertilizer analyzed 10.9%  $P_2O_5$  and 10.9%  $K_2O$ , only the 10.9%  $P_2O_5$  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,  $P_2O_5$ ,  $K_2O$  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 <sub>2</sub> O <sub>5</sub> ) %	Soluble Potash (K <sub>2</sub> O) %
05 or less	0.37	0.65	0.39
06	0.47	0.71	0.47
07	0.59	0.77	0.56
08	0.72	0.82	0.63
09	0.81	0.86	0.70
10	0.89	0.89	0.76
12	1.03	0.95	0.87
14	1.18	1.02	0.96
16	1.29	1.12	1.05
18	1.43	1.19	1.12
20	1.57	1.32	1.18
22	1.62	1.39	1.22
24	1.65	1.46	1.26
26	1.66	1.53	1.29
28	1.58	1.59	1.33
30	1.28	1.67	1.36
32 or more	1.28	1.67	1.36

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



## 5 Analysis of Official Fertilizer Samples in Kentucky June 2012 through July 2013

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

<b><u>Element</u></b>	<b><u>Investigation Allowances</u></b>
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
$\leq 2$	Equal to the Monetary Value of the Deficiency
$> 2 \leq 3$	Two (2) Times the Monetary Value of the Deficiency
$> 3$	Three (3) Times the Monetary Value of the Deficiency

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

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

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

7 Analysis of Official Fertilizer Samples in Kentucky June 2012 through July 2013

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, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O, 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  
2012 and 2013**

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	2012	2013
	<b>Dollars/Unit (20 lbs.)</b>	
Total Nitrogen (N)	\$13.45	\$13.73
Avail. Phosphate (P <sub>2</sub> O <sub>5</sub> )	\$11.16	\$9.41
Soluble Potash (K <sub>2</sub> O)		
Tobacco (Low CL)	\$14.82	\$14.52
Non-Tobacco	\$10.76	\$9.98
Calcium (Ca)	\$7.79	\$6.91
Magnesium	\$27.32	\$28.03
Sulfur (S)	\$8.54	\$10.45
Boron (B)	\$106.00	\$115.67
Copper (Cu)	\$43.17	\$48.88
Iron (Fe)	\$16.22	\$13.80
Manganese (Mn)	\$40.71	\$41.25
Molybdenum (Mo)	\$20.20	\$20.20
Zinc (Zn)	\$43.47	\$51.89

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 2012 – 2013**  
(Summary of Certain Sample Characteristics by Form and by Type)

**By Form**

**BAG**                      **Number of samples: 494**

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
491	3	427	4	459	8	12	105	4	2,061

**BULK**                      **Number of samples: 2,406**

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
2,029	1	1,636	1	1,767	3	4	101	22	52,803

**LIQUID**                      **Number of samples: 95**

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
92	2	58	12	54	4	4	101	22	2,387

**By Type**

**BLENDED GRADE**                      **Number of samples: 445**

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
442	4	394	4	422	8	12	105	4	2,061

**MANUFACTURED**                      **Number of samples: 112**

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
110	0	94	5	92	8	11	112	8	850

**MATERIAL**                      **Number of Samples: 989**

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
631	0	331	1	351	0	1	101	48	47,094

**CUSTOM MIX**                      **Number of samples: 1,449**

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
1,429	1	1,302	1	1,415	4	6	101	5	6,619

**Summary**

**NPK SAMPLES ONLY**                      **Number of samples: 2,995**

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
2,612	1	2,121	2	2,280	4	5	102	19	57,250

**ALL SAMPLES**                      **Number of samples:**

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
2,612	1	2,121	2	2,280	4	7	101	19	57,374

**Kentucky Official NPK Samples 2012 – 2013**  
(Summary of Certain Sample Characteristics Combined by Form and Type)

**Form: BAG**

<b>Type:</b>	<b>Number of Samples</b>	<b>Samples % of Total</b>	<b>Tons Sampled</b>	<b>Tons Sampled % of Total</b>	<b>Sample Def. Rate %</b>	<b>Rel. Value Mean</b>
Blended Grade	397	13	1,755	3	12	103
Manufactured	81	3	269	0	12	113
Material	16	1	37	0	6	110

**Form: BULK**

<b>Type:</b>	<b>Number of Samples</b>	<b>Samples % of Total</b>	<b>Tons Sampled</b>	<b>Tons Sampled % of Total</b>	<b>Sample Def. Rate %</b>	<b>Rel. Value Mean</b>
Blended Grade	8	0	75	0	13	105
Manufactured	8	0	386	1	0	107
Material	945	32	45,740	80	0	100
Custom Mix	1,445	48	6,602	12	6	101

**Form: LIQUID**

<b>Type:</b>	<b>Number of Samples</b>	<b>Samples % of Total</b>	<b>Tons Sampled</b>	<b>Tons Sampled % of Total</b>	<b>Sample Def. Rate %</b>	<b>Rel. Value Mean</b>
Blended Grade	40	1	858	1	20	101
Manufactured	23	1	195	0	9	107
Material	28	1	1,317	2	11	99
Custom Mix	4	0	17	0	0	143

**Total Fertilizer Summary**  
 Division of Regulatory Services University of Kentucky  
 July 2012 through June 2013

	Total	<u>Container</u>			<u>Use</u>	
		Bag	Bulk	Liquid	Farm	Nonfarm
Multi-Nutrient	324,967	55,334	249,339	20,294	288,760	36,207
Nitrogen	408,605	15,544	145,856	247,205	406,700	1,905
Phosphate	2,004	111	1,891	3	2,001	3
Potash	162,505	1,303	160,829	370	161,595	910
Organics	12,491	1,496	10,994	.1	10,853	1,638
Sec/Micro	7,152	3,123	2,400	1,625	5,327	1,826
Miscellaneous	64,107	1,243	61,256	1,605	63,895	212
<b>Total</b>	<b>981,831</b>	<b>78,154</b>	<b>632,565</b>	<b>271,102</b>	<b>939,131</b>	<b>42,701</b>

Percentage by form:

Bag	8%
Bulk	64%
Liquid	28%

Percentage by use:

Farm	95%
Non-Farm	4%



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
-----								
ADVANCED TURF SOLUTIONS, INC FISHERS IN 46038								
16-28-12	32952	17.04	27.40	9.98 *		98	Blend	Bag
-----								
AG DISTRIBUTORS, INC. NASHVILLE TN 37209								
00-00-50	32714	0.00	0.00	51.10		102	Mat	Bulk
10-10-10	30568	9.83	9.91	9.72		98	Blend	Bag
10-10-10	31476	11.00	10.40	9.59		104	Blend	Bag
12-12-12	31360	12.01	12.31	12.53		102	Blend	Bag
15-15-15	31791	14.80	16.34	14.20		100	Blend	Bag
18-46-00	32712	17.93	46.62	0.00		101	Mat	Bulk
19-19-19	30569	18.97	19.70	19.62		102	Blend	Bag
34-00-00	32715	33.18	0.00	0.00		99	Mat	Bulk
46-00-00	33105	46.20	0.00	0.00		100	Mat	Bulk
-----								
AGRI CHEM LLC CLINTON KY 42031								
04-12-15	30361	4.92	12.69	15.37		101	CM	Bulk
04-12-15	30362	5.22	12.35	16.25		104	CM	Bulk
06-15-40	30359	5.86	15.09	39.13		98	CM	Bulk
06-15-40	30360	5.92	14.90	40.97		101	CM	Bulk
09-23-30	30265	8.24	22.22	30.96		99	CM	Bulk
09-23-30	30266	8.61	22.84	31.44		101	CM	Bulk
09-23-30	30267	8.84	23.74	30.31		101	CM	Bulk
09-23-30	30268	9.07	23.10	29.74		100	CM	Bulk
09-23-30	32342	8.68	22.30	30.23		99	CM	Bulk
09-23-30	32343	8.95	23.66	29.00		99	CM	Bulk
09-23-30	32344	8.54	23.67	31.52		102	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :								
		8.70	23.08	30.46		100.2		
CV, %								
		3.2	2.81	3.01				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.84	100.42	101.01				
ALL SAMPLES,CV %		4.99	2.88	2.93				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
-----								
AGRI-CHEM INC (RUSS) RUSSELLVILLE KY 42276								
09-23-30	30247	8.79	23.23	31.16		102	CM	Bulk
09-23-30	30248	8.76	22.81	31.97		102	CM	Bulk
09-23-30	30249	8.70	24.00	30.01		101	CM	Bulk
09-25-26	30246	9.76	26.31	27.48		102	CM	Bulk
10-25-26	30244	10.48	26.88	25.45		101	CM	Bulk
10-25-26	30245	9.84	27.08	26.12		101	CM	Bulk
10-26-25	30250	10.48	27.45	24.75		101	CM	Bulk
12-30-20	31416	11.62	30.39	20.45		99	CM	Bulk
12-30-20	31417	11.47	30.87	20.13		99	CM	Bulk
12-31-18	30456	12.16	31.12	18.48		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRI-CHEM INC (RUSS)	RUSSELLVILLE KY	42276						
12-31-18	30457	12.38	31.30	18.33		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.62	101.82	100.36				
ALL SAMPLES,CV %		2.75	3.02	3.34				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
-----								
AGRI-CHEM, INC (BARD)	BARDWELL KY	42023						
08-21-28	32341	7.76	21.06	28.83		98	CM	Bulk
-----								
AGRI-CHEM, INC. (HERN)	HERNDON KY	42236						
03-15-15	30292	4.03	15.60	15.21		106	CM	Bulk
05-27-27	30232	5.90	27.91	27.76		103	CM	Bulk
05-27-27	30233	5.74	27.39	28.75		103	CM	Bulk
05-27-27	30234	5.97	27.07	28.31		102	CM	Bulk
05-28-25	30290	6.03	29.11	24.83		100	CM	Bulk
05-28-25	30291	5.81	27.58	26.70		100	CM	Bulk
06-15-39	30480	5.92	15.12	38.61		97	CM	Bulk
10-25-25	30481+	9.74	25.88	25.17		99	CM	Bulk
10-26-26	32308	10.51	27.70	23.72 *		100	CM	Bulk
10-26-26	32309	10.03	25.98	25.22		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		106.05	100.89	99.53				
ALL SAMPLES,CV %		10.32	3.08	4.34				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
AGRI-CHEM, INC. (HOPK)	HOPKINSVILLE KY	42240						
00-00-50	30554	0.00	0.00	51.44		103	Mat	Bulk
00-00-50	30555	0.00	0.00	51.25		102	Mat	Bulk
00-00-50	30615	0.00	0.00	49.84		100	Mat	Bulk
02-13-16	30231	3.77	14.94	17.82		110	CM	Bulk
03-17-17	30228	4.84	18.54	18.23		108	CM	Bulk
03-17-17	30229	4.78	19.03	17.68		108	CM	Bulk
03-18-17	30230	4.87	19.21	18.62		108	CM	Bulk
05-25-30	30070	5.27	24.97	29.37		99	CM	Bulk
05-25-30	30071	5.23	24.59	29.68		99	CM	Bulk
05-29-24	30142	6.34	29.32	25.74		102	CM	Bulk
05-29-24	30143	6.58	30.74	24.42		103	CM	Bulk
05-29-24	30144	6.33	28.85	26.10		102	CM	Bulk
05-29-24	30145	6.37	28.88	26.02		102	CM	Bulk
10-27-24	32232	10.46	27.59	24.74		100	CM	Bulk
10-27-24	32233	10.20	27.22	25.55		101	CM	Bulk
10-34-00	32056	12.22	31.43 *	0.00		101	Mat	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRI-CHEM, INC. (HOPK) HOPKINSVILLE KY 42240								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		115.78	101.50	102.37				
ALL SAMPLES,CV %		13.29	4.48	2.74				
NUMBER OF ANALYSIS		13	13	15				
Deficiency Rate = 6.25 %								
-----								
AGRI-CHEM, INC. (PRIN) PRINCETON KY 42445								
10-26-26	32407	9.44	26.71	25.26		98	CM	Bulk
19-19-19	32400	18.17	20.29	20.98		101	CM	Bulk
26-21-07	32998	26.03	20.71	8.32		101	CM	Bulk
30-09-12	32406	30.07	9.37	13.58		100	CM	Bulk
32-11-07	32402	33.65	11.80	7.20		101	CM	Bulk
32-11-07	32403	33.00	11.82	7.40		100	CM	Bulk
32-11-07	32404	32.73	12.04	7.83		100	CM	Bulk
32-11-07	32405	32.83	12.16	7.74		100	CM	Bulk
32-11-07	32408	32.96	12.13	7.70		101	CM	Bulk
32-11-07	32409	32.86	12.40	7.19		100	CM	Bulk
Statistical Analysis for Grade : 32-11-07								
Number of Samples This Grade : 6								
Average Analysis :		33.01	12.06	7.51		100.3		
CV, %		1	1.88	3.79				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.27	102.70	101.22				
ALL SAMPLES,CV %		3.02	2.71	8.02				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
AGRI-CHEM, INC. (TRENT) TRENTON KY 42286								
05-27-27	30327	5.31	26.04	28.67		100	CM	Bulk
05-27-27	30347	5.81	27.88	26.95		101	CM	Bulk
05-27-27	30348	5.49	27.22	27.73		101	CM	Bulk
08-22-25	30324+	8.38	21.61	25.91		99	CM	Bulk
08-22-25	30325+	8.63	21.88	25.26		99	CM	Bulk
08-22-25	30326+	8.52	21.65	25.22		98	CM	Bulk
21-21-12	32824	20.28	20.21	14.44		100	CM	Bulk
21-21-12	32825	21.14	20.64	13.14		100	CM	Bulk
23-16-16	32010	23.29	16.07	17.27		101	CM	Bulk
23-16-16	32011	23.57	15.94	16.86		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.64	98.35	103.44				
ALL SAMPLES,CV %		3.24	2.15	3.99				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
AGRIGRO FARM CTR, INC HARTFORD KY 42347								
00-00-60	32581	0.00	0.00	60.04		100	Mat	Bulk
09-23-30	32767	9.21	23.03	28.72		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRIGRO FARM CTR, INC HARTFORD KY 42347								
09-23-30	32768	8.50	22.11	30.54		98	CM	Bulk
09-23-30	32769	8.84	23.05	29.22		99	CM	Bulk
09-23-30	32770	8.99	22.72	29.60		99	CM	Bulk
09-23-30	32771	9.08	22.94	29.57		99	CM	Bulk
09-23-30	32772	10.17	23.33	28.58 *		101	CM	Bulk
09-23-30	32773	9.34	23.42	30.03		101	CM	Bulk
09-23-30	32775	9.81	22.62	29.28		100	CM	Bulk
09-23-30	32776	9.50	23.05	29.74		101	CM	Bulk
09-23-30	32777	9.17	22.10	31.79		102	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 10								
Average Analysis :		9.26	22.84	29.71		99.9		
CV, %		5.17	1.99	3.14				
18-46-00	32580	17.94	45.97	0.00		100	Mat	Bulk
25-12-16	32766	25.12	13.12	16.67		100	CM	Bulk
46-00-00	32579	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.20	99.54	99.11				
ALL SAMPLES,CV %		4.7	1.92	2.85				
NUMBER OF ANALYSIS		13	12	12				
Deficiency Rate = 7.14 %								
-----								
AGRIPORT TERMINAL EDDYVILLE KY 42038								
00-00-50	32051	0.00	0.00	49.95		100	Mat	Bulk
00-00-60	30048	0.00	0.00	59.00		98	Mat	Bulk
00-00-60	30049	0.00	0.00	59.32		99	Mat	Bulk
00-00-60	30073	0.00	0.00	59.64		99	Mat	Bulk
00-00-60	30116	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	30135	0.00	0.00	59.69		99	Mat	Bulk
00-00-60	30164	0.00	0.00	60.71		101	Mat	Bulk
00-00-60	30181	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	30213	0.00	0.00	60.66		101	Mat	Bulk
00-00-60	30329	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	30553	0.00	0.00	60.76		101	Mat	Bulk
00-00-60	30556	0.00	0.00	61.83		103	Mat	Bulk
00-00-60	30613	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	30808	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	30876	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	30877	0.00	0.00	60.11		100	Mat	Bulk
00-00-60	31304	0.00	0.00	60.34		101	Mat	Bulk
00-00-60	31397	0.00	0.00	59.93		100	Mat	Bulk
00-00-60	32053	0.00	0.00	61.70		103	Mat	Bulk
00-00-60	32054	0.00	0.00	60.93		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRIPORT TERMINAL EDDYVILLE KY 42038								
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 19								
Average Analysis :		0.00	0.00	60.45		100.7		
CV, %		0	0	1.19				
05-29-25	30089	5.81	29.91	25.99		103	CM	Bulk
05-29-25	30090	5.88	29.85	26.23		103	CM	Bulk
09-23-30	30185	9.09	22.82	30.72		101	CM	Bulk
09-23-30	30363	8.57	22.77	29.97		99	CM	Bulk
09-23-30	30476	8.97	22.05	29.80		98	CM	Bulk
09-23-30	30477	9.19	24.02	27.32 *		98	CM	Bulk
09-23-30	30482	8.91	21.73	30.28		98	CM	Bulk
09-23-30	32573	9.49	23.67	29.51		101	CM	Bulk
09-23-30	32574	9.07	23.29	30.19		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		9.04	22.91	29.68		99.4		
CV, %		3.1	3.61	3.74				
09-24-27	31780	9.31	25.25	28.22		101	CM	Bulk
10-50-00	30046	10.53	49.76	0.00		101	Mat	Bulk
10-50-00	30072	10.77	49.95	0.00		101	Mat	Bulk
10-50-00	30074	10.38	49.12	0.00		99	Mat	Bulk
10-50-00	30163	10.60	49.76	0.00		101	Mat	Bulk
10-50-00	30212	10.37	49.82	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 10-50-00								
Number of Samples This Grade : 5								
Average Analysis :		10.53	49.68	0.00		100.5		
CV, %		1.58	0.65	0				
11-29-21	31779	11.60	30.54	21.63		102	CM	Bulk
18-46-00	30047	17.63	45.00	0.00		98	Mat	Bulk
18-46-00	30115	17.03	46.02	0.00		98	Mat	Bulk
18-46-00	30136	17.90	45.44	0.00		99	Mat	Bulk
18-46-00	30182	18.12	45.64	0.00		100	Mat	Bulk
18-46-00	30214	17.75	45.75	0.00		99	Mat	Bulk
18-46-00	30328	18.12	45.47	0.00		99	Mat	Bulk
18-46-00	30552	17.60	45.76	0.00		99	Mat	Bulk
18-46-00	30557	17.53	45.41	0.00		98	Mat	Bulk
18-46-00	30614	17.90	45.35	0.00		99	Mat	Bulk
18-46-00	30809	17.87	45.47	0.00		99	Mat	Bulk
18-46-00	30878	17.84	46.22	0.00		100	Mat	Bulk
18-46-00	31302	18.00	46.07	0.00		100	Mat	Bulk
18-46-00	31303	17.83	44.90	0.00		98	Mat	Bulk
18-46-00	31394	17.93	45.50	0.00		99	Mat	Bulk
18-46-00	32055	17.70	46.41	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRIPORT TERMINAL EDDYVILLE KY 42038								
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 15								
Average Analysis :		17.78	45.63	0.00		99.1		
CV, %		1.53	0.93	0				
28-00-00	31321	27.81	0.00	0.00		99	Mat	Liq
32-00-00	30045	31.69	0.00	0.00		99	Mat	Liq
32-00-00	31300	31.93	0.00	0.00		100	Mat	Liq
32-00-00	31320	31.54	0.00	0.00		99	Mat	Liq
32-00-00	31781	31.98	0.00	0.00		100	Mat	Liq
46-00-00	30612	45.46	0.00	0.00		99	Mat	Bulk
46-00-00	30810	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	30875	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	31301	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31395	45.79	0.00	0.00		100	Mat	Bulk
46-00-00	32052	46.08	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 6								
Average Analysis :		45.94	0.00	0.00		99.9		
CV, %		0.59	0	0				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.15	99.80	100.50				
ALL SAMPLES,CV %		2.64	2.18	2.29				
NUMBER OF ANALYSIS		42	31	31				
Deficiency Rate = 1.61 %								
-----								
AGRIUM ADVANCED TECHNOLOGIES US INC REESE MI 48757-9340								
00-00-00	32424+	0.00	0.00	0.00			Mat	Bag
00-00-00	32643+	0.00	0.00	0.00			Blend	Bag
01-00-00	31454+	0.98	0.00	0.00		98	Mat	Bag
02-00-00	31455+	2.60	0.00	0.00		130	Mat	Bag
02-00-00	32087+	3.19	0.00	0.00		160	Mat	Bag
02-00-00	32464+	2.10	0.00	0.00		105	Mat	Bag
-----								
AGRIUM ADVANCED TECHNOLOGIES US INC LOVELAND CO 80538								
00-00-60	30640	0.00	0.00	61.02		102	Mat	Bulk
00-00-60	30641	0.00	0.00	60.03		100	Mat	Bulk
00-00-60	30643	0.00	0.00	60.45		101	Mat	Bulk
-----								
AGRIUM U.S. INC. (DENV) DENVER CO 80237								
00-00-60	30119	0.00	0.00	61.28		102	Mat	Bulk
00-00-60	30699	0.00	0.00	60.97		102	Mat	Bulk
03-15-30	30067+	4.23	15.78	29.56		104	Mnfr	Bulk
06-12-18	30721+	5.98	12.56	18.70		103	Mat	Bulk
18-08-00	30437+	16.92	8.48	0.00		97	Mat	Bulk
18-46-00	30117	17.85	46.75	0.00		101	Mat	Bulk
18-46-00	30637	17.65	45.30	0.00		98	Mat	Bulk
18-46-00	30638	17.97	44.74	0.00		98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRIUM U.S. INC. (DENV)		DENVER CO		80237				
18-46-00	30639	17.75	44.96	0.00		98	Mat	Bulk
18-46-00	30644	17.69	45.12	0.00		98	Mat	Bulk
18-46-00	30645	17.61	45.27	0.00		98	Mat	Bulk
18-46-00	31253	17.68	46.17	0.00		100	Mat	Bulk
18-46-00	32790	19.02	46.52	0.00		103	Mat	Bulk
18-46-00	32806	18.13	46.02	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 9								
Average Analysis :		17.93	45.65	0.00		99.4		
CV, %		2.47	1.59	0				
44-00-00	30176+	45.92	0.00	0.00		104	Mat	Bulk
44-00-00	30566+	44.50	0.00	0.00		101	Mat	Bulk
44-00-00	30573+	45.45	0.00	0.00		103	Mat	Bulk
44-00-00	30601+	44.19	0.00	0.00		100	Mat	Bulk
44-00-00	30602+	44.24	0.00	0.00		101	Mat	Bulk
44-00-00	30635+	44.16	0.00	0.00		100	Mat	Bulk
44-00-00	30705+	44.72	0.00	0.00		102	Mat	Bulk
44-00-00	30733+	44.81	0.00	0.00		102	Mat	Bulk
44-00-00	30791+	44.87	0.00	0.00		102	Mat	Bulk
44-00-00	30800+	44.77	0.00	0.00		102	Mat	Bulk
44-00-00	30894+	45.38	0.00	0.00		103	Mat	Bulk
44-00-00	30988+	45.31	0.00	0.00		103	Mat	Bulk
44-00-00	31051+	44.65	0.00	0.00		101	Mat	Bulk
44-00-00	31052+	44.69	0.00	0.00		102	Mat	Bulk
44-00-00	31573+	44.66	0.00	0.00		102	Mat	Bulk
44-00-00	32043+	45.33	0.00	0.00		103	Mat	Bulk
44-00-00	32057+	45.10	0.00	0.00		102	Mat	Bulk
44-00-00	32255+	44.22	0.00	0.00		100	Mat	Bulk
44-00-00	32260+	44.35	0.00	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 44-00-00								
Number of Samples This Grade : 19								
Average Analysis :		44.81	0.00	0.00		101.8		
CV, %		1.11	0	0				
46-00-00	30642	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	30646	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	30701	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.97	100.75	101.54				
ALL SAMPLES,CV %		7.08	3.04	2.2				
NUMBER OF ANALYSIS		34	12	4				
Deficiency Rate = 0.00 %								
-----								
AGRO CULTURE LIQUID FERT.		ST. JOHNS MI		48879				
00-00-00	30594+	0.00	0.00	0.00			Mnfr	Liq
00-00-00	30804+	0.00	0.00	0.00			Blend	Liq
00-00-00	30805+	0.00	0.00	0.00			Blend	Liq
02-01-06	30595	3.10	1.27	7.15		130	Mnfr	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRO CULTURE LIQUID FERT.		ST. JOHNS MI		48879				
02-01-06	30806	3.67	1.35	7.07		138	Blend	Liq
02-01-06	32061	2.93	1.30	7.85		135	Mnfr	Liq
05-13-04	31145	6.13	13.48	4.84		112	Blend	Liq
09-24-03	30593	9.16	23.45	3.18		100	Mnfr	Liq
09-24-03	30807+	9.78	22.36 *	3.16		99	Blend	Liq
09-24-03	31144	9.17	23.49	3.10		100	Blend	Liq
09-24-03	32060+	8.94	24.14	3.53		102	Mnfr	Liq
24-00-00	32624	23.63	0.00	0.00		98	Blend	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		124.19	110.63	115.13				
ALL SAMPLES,CV %		24.63	15.36	8.26				
NUMBER OF ANALYSIS		9	8	8				
Deficiency Rate = 16.67 %								
-----								
ALLEN COUNTY FARMERS SERVICE		SCOTTSVILLE KY		42164				
16-14-24	31159	16.66	14.10	24.76		101	CM	Bulk
19-19-19	31146	19.32	19.16	20.61		102	CM	Bulk
19-19-19	31158	19.26	19.83	19.61		101	CM	Bulk
19-19-19	31160	19.50	20.06	19.73		102	CM	Bulk
21-15-20	31157	21.07	15.29	20.59		100	CM	Bulk
21-15-20	31161	21.07	15.26	21.73		102	CM	Bulk
25-16-13	31150	24.97	16.54	13.37		98	CM	Bulk
25-16-13	31151	25.69	16.95	13.76		101	CM	Bulk
27-13-13	31147	28.10	13.60	13.56		102	CM	Bulk
27-13-13	31148	26.76	13.83	14.16		100	CM	Bulk
27-13-13	31149	27.37	13.12	13.93		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.69	100.35	103.50				
ALL SAMPLES,CV %		1.32	2.46	2.34				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
-----								
AMERICAN PLANT FOOD CORPORATION		GALENA PARK TX		77547				
21-00-00	31061+	21.04	0.00	0.00		100	Mat	Bulk
-----								
ANDERSON CO FARM SVC		LAWRENCEBURG KY		40342				
00-00-60	32380	0.00	0.00	59.87		100	Mat	Bulk
18-46-00	32379	18.49	46.11	0.00		101	Mat	Bulk
34-00-00	32378	34.02	0.00	0.00		100	Mat	Bulk
-----								
ANTLER KING TROPHY PRODUCTS INC		BLACK RIVER FALLS WI		54615				
09-17-08	30020+	9.01	17.13	9.04		103	Mnfr	Liq
-----								
BALLARD COUNTY COOPERATIVE		LA CENTER KY		42056				
00-00-60	32119	0.00	0.00	60.86		101	Mat	Bulk
00-00-60	32230	0.00	0.00	60.07		100	Mat	Bulk
04-11-15	30412	5.66	12.44	15.43		104	CM	Bulk
04-11-15	30413	5.82	12.57	16.14		107	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
BALLARD COUNTY COOPERATIVE LA CENTER KY 42056								
04-11-15	30414	5.61	11.77	15.43		106	CM	Bulk
09-23-30	32117	8.67	24.33	29.46		100	CM	Bulk
09-23-30	32121	8.69	23.51	30.37		101	CM	Bulk
09-23-30	32122	9.84	22.93	30.94		103	CM	Bulk
09-23-30	32137	10.84	25.63	27.76 *		104	CM	Bulk
09-23-30	32138	9.76	24.65	30.04		104	CM	Bulk
09-23-30	32139	8.54	23.04	31.39		101	CM	Bulk
09-23-30	32645	9.56	23.09	30.49		102	CM	Bulk
09-23-30	32646	9.24	22.61	31.14		102	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :								
		9.39	23.72	30.20		102.2		
CV, %								
		8.27	4.4	3.86				
15-17-22	32647	15.57	17.27	22.42		101	CM	Bulk
18-46-00	32118	17.47	45.81	0.00		99	Mat	Bulk
18-46-00	32120	17.88	46.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.27	102.50	100.74				
ALL SAMPLES,CV %		10.05	3.59	3.01				
NUMBER OF ANALYSIS		14	14	14				
Deficiency Rate = 6.25 %								
-----								
BANDANA AG INC. LA CENTER KY 42056-9807								
00-00-60	30064	0.00	0.00	60.78		101	Mat	Bulk
00-00-60	32128	0.00	0.00	59.95		100	Mat	Bulk
06-15-40	32136	7.31	15.85	41.09		105	CM	Bulk
07-19-34	32126	8.33	20.44	35.88		105	CM	Bulk
07-19-34	32127	7.73	20.22	35.74		103	CM	Bulk
07-19-35	32123	7.64	20.15	35.89		103	CM	Bulk
07-19-35	32124	8.18	19.98	36.75		105	CM	Bulk
07-19-35	32125	7.35	19.86	36.30		103	CM	Bulk
12-40-00	30065+	12.01	40.46	0.00		101	Mnfr	Bulk
13-19-24	32129	12.75	20.30	26.39		103	CM	Bulk
13-19-24	32132	14.22	20.31	25.46		105	CM	Bulk
13-19-24	32133	13.86	18.78	25.56		102	CM	Bulk
13-19-24	32134	13.95	17.18 *	25.64		100	CM	Bulk
18-46-00	32130	17.69	46.88	0.00		101	Mat	Bulk
34-00-00	32131	33.84	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.07	102.10	103.02				
ALL SAMPLES,CV %		6.54	4.42	1.61				
NUMBER OF ANALYSIS		13	12	12				
Deficiency Rate = 6.67 %								
-----								
BEATY FERTILIZER CLEVELAND TN 37320								
18-02-04	32953+	18.95	2.65	3.79		106	Blend	Bag
-----								
BICKETT AGRI CTR. MORGANFIELD KY 42437								
00-00-60	32035	0.00	0.00	61.10		102	Mat	Bulk
18-46-00	32036	17.67	46.47	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
BICKETT AGRI CTR. MORGANFIELD KY 42437								
18-46-00	32037	17.82	46.56	0.00		100	Mat	Bulk
18-46-00	32038	17.86	46.45	0.00		100	Mat	Bulk
BICKETT AGRI CTR. CENTRAL CITY KY 42330								
08-21-27	32524+	7.93	22.22	27.39		101	CM	Bulk
08-22-28	32338	8.22	21.93	30.71		102	CM	Bulk
08-22-28	32339	8.36	23.21	29.24		101	CM	Bulk
08-22-28	32340	8.35	22.93	28.96		101	CM	Bulk
09-23-30	32831	9.95	24.90	28.08 *		102	CM	Bulk
09-23-30	32832	9.24	22.92	30.82		102	CM	Bulk
09-23-30	32833	9.03	22.56	31.54		102	CM	Bulk
09-23-30	32834	9.03	22.95	31.03		102	CM	Bulk
09-23-30	32835	8.97	23.80	29.88		101	CM	Bulk
09-23-30	32836	8.72	21.86	30.33		98	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :								
		9.16	23.17	30.28		101.0		
CV, %								
		4.62	4.56	4.04				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.39	101.67	101.26				
ALL SAMPLES,CV %		4.68	3.94	3.49				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
BLACK GOLD ENVIROSAFE INC OXFORD FL 34484								
08-05-05	31485+	8.18	5.43	4.19 *		99	Mnfr	Bag
08-05-05	32634+	9.01	5.63	4.78		109	Blend	Bag
BLOOMFIELD FERTILIZER CHEM CO., INC BLOOMFIELD KY 40008-0370								
00-00-60	31842	0.00	0.00	59.89		100	Mat	Bulk
09-09-09	31848	9.94	9.98	9.53		104	CM	Bulk
18-46-00	31841	18.05	46.96	0.00		101	Mat	Bulk
19-11-14	31852+	19.59	10.11 *	13.89		98	CM	Bulk
19-11-14	31853+	19.74	10.89	14.36		100	CM	Bulk
21-00-00	31840+	20.40	0.00	0.00		97	Mat	Bulk
22-00-16	31844+	22.96	0.00	16.78		101	CM	Bulk
22-00-16	31845+	24.17	0.00	16.04		102	CM	Bulk
22-00-16	31846+	23.73	0.00	14.97 *		99	CM	Bulk
22-00-16	31847+	24.46	0.00	16.29		104	CM	Bulk
23-00-30	31851	24.26	0.00	29.66		102	CM	Bulk
33-00-14	31849	35.62	0.00	12.55 *		101	CM	Bulk
33-00-14	31850	36.06	0.00	12.47 *		102	CM	Bulk
46-00-00	31843	46.02	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
BLOOMFIELD FERTILIZER CHEM CO., INC BLOOMFIELD KY 40008-0370								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.55	98.65	95.18				
ALL SAMPLES,CV %		3.08	7.27	5.95				
NUMBER OF ANALYSIS		13	4	11				
Deficiency Rate = 28.57 %								
BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004								
00-00-36	31860	0.00	0.00	35.67		99	CM	Bulk
00-00-36	31861	0.00	0.00	37.53		104	CM	Bulk
05-14-40	31865	5.64	14.68	39.92		98	CM	Bulk
05-14-40	31866	5.83	14.98	39.81		99	CM	Bulk
09-23-30	31864	8.67	22.46	30.94		100	CM	Bulk
16-05-05	31863	15.31	6.18	6.14		97	CM	Bulk
19-19-18	31862	19.10	20.10	17.83		98	CM	Bulk
27-11-15	31854	28.28	11.54	16.07		103	CM	Bulk
27-11-15	31859	26.83	12.18	16.23		101	CM	Bulk
32-09-09	31855	33.02	10.43	8.99		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.09	102.27	101.96				
ALL SAMPLES,CV %		3.31	3.1	5.04				
NUMBER OF ANALYSIS		8	8	10				
Deficiency Rate = 0.00 %								
BONIDE PRODUCTS, INC. ORISKANY NY 13424								
00-45-00	31228	0.00	42.95 *	0.00		95 *	Mat	Bag
03-10-03	30003	3.10	9.68	3.06		99	Blend	Liq
03-10-03	31138	2.93	9.62	3.09		98	Mnfr	Liq
04-14-08	32421	3.98	14.28	8.35		102	Mnfr	Liq
10-10-10	31227	9.88	10.16	9.42		98	Blend	Liq
BOUGAINVILLEA GROWERS INTERNATIONAL ST JAMES CITY FL 33956								
06-08-10	32633+	7.12	8.93	9.30		107	Blend	Bag
C & F FARM SUPPLY, INC. HISEVILLE KY 42152								
10-10-11	31308+	10.58	10.95	12.10		101	CM	Bulk
19-19-19	31305	19.56	19.40	19.18		100	CM	Bulk
19-19-19	31306	19.04	20.47	18.66		100	CM	Bulk
23-11-11	31310	23.60	12.01	11.82		102	CM	Bulk
23-11-11	31311	23.71	11.93	11.53		101	CM	Bulk
23-11-18	30673	22.73	11.34	19.50		101	CM	Bulk
23-11-18	30674	22.31	11.36	19.71		100	CM	Bulk
23-11-18	30675	22.44	10.86	19.66		100	CM	Bulk
26-11-14	31307	26.39	11.52	15.35		101	CM	Bulk
27-13-13	31309	26.19	13.39	14.68		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
C & F FARM SUPPLY, INC. HISEVILLE KY 42152								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.68	101.43	102.69				
ALL SAMPLES,CV %		1.95	2.41	3.51				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
C. D. POORE FERTILIZER ALBANY KY 42602								
00-00-60	30764	0.00	0.00	60.23		100	Mat	Bulk
09-23-22	32893+	9.15	22.98	23.61		100	CM	Bulk
10-10-10	32537	10.79	9.87	11.14		106	Blend	Bag
16-16-16	32992+	17.08	16.36	15.50		100	CM	Bulk
17-00-30	31953	16.61	0.00	30.23		99	CM	Bulk
17-17-17	31952	17.43	16.82	19.05		100	CM	Bulk
18-46-00	30767	17.81	45.71	0.00		99	Mat	Bulk
19-19-19	30024	16.97 *	20.11	19.98		99	Blend	Bag
19-19-19	31951	18.47	19.62	20.01		99	CM	Bulk
20-00-23	31954	20.37	0.00	23.82		100	CM	Bulk
21-00-00	30765+	21.36	0.00	0.00		102	Mat	Bulk
25-11-17	32993	24.60	11.92	19.30		101	CM	Bulk
34-00-00	30766	34.10	0.00	0.00		100	Mat	Bulk
34-00-14	32894	35.02	0.00	16.11		103	CM	Bulk
46-00-00	30768	46.18	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.29	100.27	104.09				
ALL SAMPLES,CV %		4.24	3.56	4.43				
NUMBER OF ANALYSIS		14	8	11				
Deficiency Rate = 6.67 %								
-----								
CAMERON CHEMICALS, INC. PORTSMOUTH VA 23702-2313								
00-00-00	31007+	0.00	0.00	0.00			Mat	Bag
00-00-00	31066+	0.00	0.00	0.00			Mat	Bag
00-00-00	31251+	0.00	0.00	0.00			Mat	Bag
00-00-00	31489+	0.00	0.00	0.00			Mat	Bag
00-00-00	32160+	0.00	0.00	0.00			Mat	Bag
00-00-00	32349+	0.00	0.00	0.00			Mat	Bag
00-00-00	32350+	0.00	0.00	0.00			Mat	Bag
00-00-00	32535+	0.00	0.00	0.00			Mnfr	Bag
00-00-00	32536+	0.00	0.00	0.00			Mnfr	Bag
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade : 9								
Average Analysis :		0.00	0.00	0.00		0.0		
CV, %		0	0	0				
-----								
CANEVILLE MILLING CO CANEVILLE KY 42721								
10-27-24	31739	11.44	28.28	25.54		105	CM	Bulk
12-32-17	31732	12.90	32.87	18.66		103	CM	Bulk
18-18-20	31733	19.09	20.00	21.14		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CANEYVILLE MILLING CO		CANEYVILLE KY 42721						
19-19-19	31730	20.05	20.75	20.04		105	CM	Bulk
19-19-19	31731	19.07	21.12	19.70		102	CM	Bulk
19-19-19	31734	19.38	20.28	20.31		103	CM	Bulk
19-19-19	31735	19.18	19.53	20.96		102	CM	Bulk
19-19-19	31736	19.28	19.25	21.09		102	CM	Bulk
19-19-19	31737	19.84	20.07	20.62		104	CM	Bulk
19-19-19	31738	18.61	19.34	18.93		98	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		19.34	20.05	20.24		102.3		
CV, %		2.49	3.59	3.74				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.83	103.40	104.70				
ALL SAMPLES,CV %		2.82	3.08	3.09				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
CECILIA FARM SVC INC.		CECILIA KY 42724						
10-25-25	30379	10.72	26.90	24.85		102	CM	Bulk
10-25-25	30380	10.23	26.33	26.19		102	CM	Bulk
10-26-26	30381	9.89	26.05	27.23		101	CM	Bulk
11-17-23	30382+	11.31	17.32	24.01		102	CM	Bulk
13-16-19	30383+	13.19	16.10	20.16		103	CM	Bulk
19-15-22	31649	19.38	15.95	22.30		101	CM	Bulk
19-19-19	31647	19.49	19.75	18.74		100	CM	Bulk
19-19-19	31648	19.76	19.80	19.11		101	CM	Bulk
25-13-16	30378	24.99	12.70	18.37		101	CM	Bulk
25-15-15	31646	25.76	15.40	15.16		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.14	101.63	101.63				
ALL SAMPLES,CV %		2.54	2.67	4.51				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
CEN FARMERS SUP. OF GREEN		GREENSBURG KY 42743						
14-08-12	33097+	15.92	8.21	12.32		104	CM	Bulk
17-17-17	31710	19.24	18.48	15.62 *		101	CM	Bulk
17-17-17	31716	17.55	16.98	19.30		101	CM	Bulk
17-17-17	31719	17.55	17.70	18.91		102	CM	Bulk
19-15-15	31711	20.54	15.25	14.69		101	CM	Bulk
19-15-15	31714	20.05	15.44	15.80		101	CM	Bulk
19-19-19	31713	19.63	18.61	19.89		100	CM	Bulk
19-19-19	31715	19.86	19.69	18.92		101	CM	Bulk
19-19-19	31717	20.02	18.81	20.07		102	CM	Bulk
21-13-13	31712	21.90	12.73	13.72		100	CM	Bulk
22-12-12	31718	24.96	11.88	9.95 *		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CEN FARMERS SUP. OF GREEN GREENSBURG KY 42743								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.73	98.90	99.02				
ALL SAMPLES,CV %		3.57	3.26	8.29				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 18.18 %								
-----								
CENTRAL CROP CARE CRAB ORCHARD KY 40419								
00-00-45	32093+	0.00	0.00	45.12		99	CM	Bulk
00-00-60	31199	0.00	0.00	59.62		99	Mat	Bulk
00-00-60	32092	0.00	0.00	60.25		100	Mat	Bulk
09-09-33	31197+	9.85	10.32	31.30 *		100	CM	Bulk
19-19-19	32095	18.82	19.49	21.47		102	CM	Bulk
19-19-19	32599	20.07	18.60	20.87		103	CM	Bulk
21-11-22	32598	21.61	11.21	24.39		102	CM	Bulk
21-15-20	32597	20.90	15.37	20.66		100	CM	Bulk
23-00-11	32094+	23.77	0.00	11.15		103	CM	Bulk
24-11-13	32595+	23.42	12.07	16.74		104	CM	Bulk
24-11-13	32596+	23.32	11.85	16.01		102	CM	Bulk
24-11-13	32600+	23.83	11.76	15.43		102	CM	Bulk
46-00-00	31198	45.79	0.00	0.00		100	Mat	Bulk
46-00-00	32091	46.14	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.86	102.28	106.30				
ALL SAMPLES,CV %		4.14	5.32	7.89				
NUMBER OF ANALYSIS		11	8	12				
Deficiency Rate = 7.14 %								
-----								
CENTRAL GARDEN & PET FRANKLIN WI 53132								
12-05-07	30060	12.07	5.93	6.83		103	Mnfr	Bag
-----								
CENTRAL KENTUCKY CROP SERVICE ST. FRANCIS KY 40062								
00-00-60	31412	0.00	0.00	60.88		101	Mat	Bulk
18-46-00	31413	17.20	45.76	0.00		98	Mat	Bulk
18-46-00	32567	18.05	47.00	0.00		101	Mat	Bulk
46-00-00	31411	45.67	0.00	0.00		99	Mat	Bulk
-----								
CGB FERTILIZER JEFFERSONVILLE IN 47130								
00-00-60	30823	0.00	0.00	59.64		99	Mat	Bulk
00-00-60	30956	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	31254	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	31255	0.00	0.00	59.37		99	Mat	Bulk
18-46-00	30824	17.75	45.33	0.00		99	Mat	Bulk
18-46-00	30954	17.83	45.46	0.00		99	Mat	Bulk
34-00-00	30953	33.96	0.00	0.00		100	Mat	Bulk
34-00-00	31256	33.45	0.00	0.00		100	Mat	Bulk
34-00-00	31259	33.59	0.00	0.00		100	Mat	Bulk
34-00-00	31432	34.09	0.00	0.00		102	Mat	Bulk
46-00-00	30825	45.82	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CGB FERTILIZER JEFFERSONVILLE IN 47130								
46-00-00	30955	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	31257	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31258	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	32713	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	32726	45.58	0.00	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 6								
Average Analysis :		45.92	0.00	0.00		99.8		
CV, %		0.49	0	0				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.86	98.68	99.80				
ALL SAMPLES,CV %		0.81	0.2	0.76				
NUMBER OF ANALYSIS		12	2	4				
Deficiency Rate = 0.00 %								
-----								
CLEMENTS AG SUPP. SPRINGFIELD KY 40069								
00-00-60	30771	0.00	0.00	61.64		103	Mat	Bulk
09-23-30	32516	8.87	23.24	29.66		100	CM	Bulk
12-18-28	31563	13.31	19.29	28.74		102	CM	Bulk
16-16-16	32515+	16.81	16.82	16.39		101	CM	Bulk
16-16-16	32517+	16.36	16.58	16.78		100	CM	Bulk
18-00-36	31560	19.32	0.00	37.01		104	CM	Bulk
18-46-00	30770	17.74	45.30	0.00		99	Mat	Bulk
19-00-27	32514+	19.83	0.00	27.15		101	CM	Bulk
21-00-00	30772+	20.97	0.00	0.00		100	Mat	Bulk
24-00-28	31559	24.87	0.00	29.79		104	CM	Bulk
25-00-26	31558	26.99	0.00	27.22		104	CM	Bulk
26-32-00	31561	26.77	33.36	0.00		102	CM	Bulk
28-00-18	31562	28.65	0.00	18.93		99	CM	Bulk
46-00-00	30769	45.83	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.34	101.32	101.41				
ALL SAMPLES,CV %		2.49	1.54	1.71				
NUMBER OF ANALYSIS		13	6	10				
Deficiency Rate = 0.00 %								
-----								
CLEMENTS AG SUPPLY (DANV) DANVILLE KY 40422								
00-00-60	30712	0.00	0.00	60.56		101	Mat	Bulk
18-46-00	30711	17.93	46.03	0.00		100	Mat	Bulk
19-19-19	32566	18.47	19.27	18.99		99	Blend	Bag
21-00-00	30709+	20.82	0.00	0.00		99	Mat	Bulk
22-09-24	32588	21.92	10.09	23.92		101	CM	Bulk
27-00-11	32583	26.79	0.00	11.27		98	CM	Bulk
27-00-11	32584	27.60	0.00	10.15 *		98	CM	Bulk
27-00-11	32585	27.85	0.00	10.54		99	CM	Bulk
27-00-11	32586	27.60	0.00	10.74		99	CM	Bulk
27-00-11	32587	27.13	0.00	10.82		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CLEMENTS AG SUPPLY (DANV)		DANVILLE KY 40422						
27-00-11	32589	27.25	0.00	10.55		98	CM	Bulk
27-00-11	32590	27.05	0.00	11.48		99	CM	Bulk
27-00-11	32592	26.97	0.00	11.33		98	CM	Bulk
Statistical Analysis for Grade : 27-00-11								
Number of Samples This Grade : 8								
Average Analysis :		27.28	0.00	10.86		98.3		
CV, %		1.34	0	4.26				
30-00-20	32591	29.94	0.00	20.83		100	CM	Bulk
46-00-00	30710	45.96	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.64	103.72	98.88				
ALL SAMPLES,CV %		1.24	5.01	3.92				
NUMBER OF ANALYSIS		14	3	12				
Deficiency Rate = 6.67 %								
-----								
CNI AGRIMINERALS, LLC		ALBANY GA 31706						
00-00-00	31342+	0.00	0.00	0.00			Mat	Bag
-----								
COMMUNITY FARM STORE, LLC		SALEM KY 42078						
00-00-60	31572	0.00	0.00	61.25		102	Mat	Bulk
09-23-30	32877	9.44	24.46	27.74 *		100	CM	Bulk
09-23-30	32878	9.33	22.72	30.71		101	CM	Bulk
09-23-30	32879	9.38	24.33	28.65		101	CM	Bulk
10-25-26	32310	9.90	26.01	25.35		98	CM	Bulk
16-16-24	31574	16.59	18.23	25.32		103	CM	Bulk
18-46-00	31570	17.71	45.50	0.00		99	Mat	Bulk
18-46-00	31571	17.68	45.91	0.00		99	Mat	Bulk
19-19-19	32570	18.82	19.60	19.92		100	CM	Bulk
23-13-18	31575	22.92	15.08	17.82		101	CM	Bulk
27-11-14	32572	27.84	12.01	15.51		102	CM	Bulk
32-23-00	32571	31.15	24.51	0.00		100	CM	Bulk
46-00-00	31569	46.03	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.97	104.19	99.48				
ALL SAMPLES,CV %		2.75	3.8	4.24				
NUMBER OF ANALYSIS		12	11	9				
Deficiency Rate = 7.69 %								
-----								
CORBIN FARM & GARDEN CTR.		CORBIN KY 40701						
00-00-60	31428	0.00	0.00	59.74		100	Mat	Bulk
10-10-10	31425	8.06 *	9.47	9.10 *		88 *	Blend	Bag
18-46-00	31427	17.63	45.70	0.00		99	Mat	Bulk
19-19-19	31430	18.78	19.89	19.03		101	Blend	Bag
46-00-00	31426	46.20	0.00	0.00		100	Mat	Bulk
-----								
CROP PRODUCTION SVC (CADIZ)		CADIZ KY 42211						
04-11-14	30355	5.24	11.55	15.19		107	CM	Bulk
04-11-15	30354	5.38	11.40	16.27		103	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC (CADIZ) CADIZ KY 42211								
05-13-13	30364	6.58	16.19	11.86 *		105	CM	Bulk
05-13-13	30365	6.23	14.27	15.50		108	CM	Bulk
05-14-14	30472	6.13	14.77	14.70		102	CM	Bulk
05-14-14	30473	6.20	14.38	15.36		103	CM	Bulk
05-14-14	30474	6.14	14.62	14.89		102	CM	Bulk
05-14-14	30475	6.19	14.49	15.23		103	CM	Bulk
10-26-26	31988	9.96	26.43	26.08		100	CM	Bulk
27-13-13	31990	26.62	13.68	14.04		99	CM	Bulk
31-00-18	31989	30.18	0.00	21.86		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		108.39	101.80	103.34				
ALL SAMPLES,CV %		8.01	5.4	7.41				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 9.09 %								
CROP PRODUCTION SVC (CAMP) CAMPBELLSVILLE KY 42719								
13-10-09	31753	13.62	11.14	9.78		104	CM	Bulk
18-18-18	31750	17.95	18.27	18.19		100	CM	Bulk
19-19-18	31746	20.26	18.88	19.94		102	CM	Bulk
20-20-19	31747	19.53	19.60	19.84		101	CM	Bulk
20-20-19	31748	20.02	19.73	19.63		102	CM	Bulk
20-20-19	31751	20.99	20.00	18.45		103	CM	Bulk
20-20-19	31752	18.30	21.06	20.28		102	CM	Bulk
23-09-21	31754	22.22	10.78	22.93		101	CM	Bulk
29-10-13	31749+	27.68	11.65	14.65		103	CM	Bulk
32-00-00	30848+	31.65	0.00	0.00		97	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.51	105.43	104.18				
ALL SAMPLES,CV %		4.65	7.11	4.41				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (CLA) CLAY KY 42404-2167								
04-13-40	31815+	4.27	13.90	40.40		102	CM	Bulk
04-13-40	31816+	4.24	14.19	39.92		102	CM	Bulk
04-13-40	31819+	4.29	14.35	41.79		105	CM	Bulk
04-13-40	31820+	4.19	14.11	39.66		101	CM	Bulk
07-24-24	31813+	7.49	24.03	25.46		103	CM	Bulk
07-24-24	31814+	7.22	24.34	25.49		103	CM	Bulk
09-23-29	31821	9.32	22.98	31.15		102	CM	Bulk
09-23-29	31822	9.52	23.37	29.84		101	CM	Bulk
13-20-26	31812	13.58	20.22	27.93		103	CM	Bulk
13-20-26	31817	14.10	19.15	26.57		100	CM	Bulk
13-20-26	31818	13.92	21.41	26.62		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC (CLA) CLAY KY 42404-2167								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.03	102.21	102.22				
ALL SAMPLES,CV %		2.04	3.95	2.83				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (CLAR) CLARKSON KY 42726								
08-22-29	31201	8.73	22.06	30.13		98	CM	Bulk
09-23-30	31216	9.36	23.93	29.53		101	CM	Bulk
10-26-25	31358	10.22	25.29	27.60		101	CM	Bulk
19-18-18	31661	18.83	19.26	18.86		99	CM	Bulk
19-19-18	31660	20.82	20.34	18.47		103	CM	Bulk
19-19-19	31200	20.87	19.45	18.81		103	CM	Bulk
19-19-19	31664	19.45	19.49	20.08		102	CM	Bulk
19-19-19	31665	19.29	19.63	19.33		100	CM	Bulk
21-14-20	31359	22.05	14.15	21.67		103	CM	Bulk
22-00-31	31662	21.87	0.00	33.62		103	CM	Bulk
32-09-09	31663	33.25	10.51	9.13		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.43	102.51	101.66				
ALL SAMPLES,CV %		3.25	4.05	3.8				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (CYN) CYNTHIANA KY 41031								
04-11-46	32443	4.74	11.13	45.17		100	CM	Bulk
07-18-36	32447	7.63	18.21	36.17		101	CM	Bulk
07-18-36	32737	7.41	18.80	35.67		101	CM	Bulk
08-22-32	32442	8.71	22.34	30.58		100	CM	Bulk
09-09-09	32444	10.48	9.74	10.66		104	CM	Bulk
11-28-24	32454	10.58	26.58	25.48		100	CM	Bulk
13-12-12	32445	13.19	13.35	12.01		103	CM	Bulk
18-13-20	33015+	21.41	12.19 *	18.79 *		102	CM	Bulk
19-19-19	32738	19.77	18.89	18.09		100	CM	Bulk
22-12-22	32446	23.61	11.32	22.05		103	CM	Bulk
24-08-18	33014+	24.49	8.64	18.10		102	CM	Bulk
30-06-08	33013+	31.39	5.71	8.29		103	CM	Bulk
30-09-12	32441	31.96	6.98 *	12.25		100	CM	Bulk
31-00-20	33016	30.41	0.00	21.08		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.36	98.32	99.88				
ALL SAMPLES,CV %		4.86	8.2	4				
NUMBER OF ANALYSIS		14	13	14				
Deficiency Rate = 14.29 %								
CROP PRODUCTION SVC (EKR) EKRON KY 40117								
11-12-32	31870+	11.80	11.75	30.73		99	CM	Bulk
11-12-32	31871+	9.69	12.72	33.12		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC (EKR)		EKRON KY 40117						
15-00-31	31874+	15.76	0.00	31.08		102	CM	Bulk
16-21-21	31875	15.66	21.79	20.98		98	CM	Bulk
19-19-19	31867	18.61	19.83	18.37		98	CM	Bulk
19-19-19	31868	18.42	19.98	18.62		98	CM	Bulk
19-19-19	31869	18.15	18.97	20.20		98	CM	Bulk
19-19-19	31872	18.84	20.55	18.44		99	CM	Bulk
20-12-24	31873	19.38	12.78	25.31		101	CM	Bulk
27-13-13	31876	26.09	13.83	13.85		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.48	101.88	99.27				
ALL SAMPLES,CV %		5.79	3.69	4.01				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC (FANC)		FANCY FARM KY 42039						
06-15-20	30239	6.73	16.27	21.26		107	CM	Bulk
06-15-20	30240	6.51	15.65	21.39		105	CM	Bulk
06-17-37	31769	7.04	18.74	37.66		103	CM	Bulk
06-17-37	31770	6.82	17.41	39.42		103	CM	Bulk
09-23-30	31765	9.07	23.58	30.15		101	CM	Bulk
09-23-30	31766	9.06	23.99	30.68		103	CM	Bulk
09-23-30	31767	8.78	23.12	30.09		100	CM	Bulk
09-23-30	31768	8.83	23.55	31.52		103	CM	Bulk
09-23-30	31771	8.93	22.95	30.72		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.93	23.44	30.63		101.5		
CV, %		1.47	1.75	1.88				
12-17-22	32415+	11.99	17.53	21.29		98	CM	Bulk
12-17-22	32416+	11.70	18.19	22.04		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.78	103.11	101.99				
ALL SAMPLES,CV %		4.62	2.62	3.67				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC (FELTY)		BEAVER DAM KY 42320						
07-19-22	30515	8.05	19.93	22.80		104	CM	Bulk
07-19-26	30521	7.60	20.13	26.20		100	CM	Bulk
07-20-26	30516	7.90	21.31	26.12		102	CM	Bulk
07-20-26	30517	7.85	20.72	26.19		101	CM	Bulk
07-20-26	30518	7.80	20.41	26.20		100	CM	Bulk
07-20-26	30519	7.68	20.13	26.39		100	CM	Bulk
07-20-26	30520	7.71	20.22	26.77		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC (FELTY) BEAVER DAM KY 42320								
Statistical Analysis for Grade : 07-20-26								
Number of Samples This Grade : 5								
Average Analysis :		7.79	20.56	26.33		100.8		
CV, %		1.19	2.32	1				
08-22-29	30511	9.19	23.93	29.87		102	CM	Bulk
08-22-29	30512	9.04	23.02	31.01		102	CM	Bulk
08-22-29	30513	8.82	24.19	29.13		100	CM	Bulk
08-22-29	30514	8.85	23.83	29.40		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.88	102.73	100.32				
ALL SAMPLES,CV %		2.76	2.04	1.8				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (FRA) FRANKLIN KY 42134								
04-12-43	31155	4.87	12.29	44.71		101	CM	Bulk
05-13-17	30390	5.79	13.51	18.63		107	CM	Bulk
05-13-17	30391	5.59	13.28	18.00		104	CM	Bulk
07-19-09	30258	8.71	20.05	10.12		107	CM	Bulk
10-26-25	30256	10.86	27.87	24.68		102	CM	Bulk
10-26-25	30257	10.29	26.56	26.70		102	CM	Bulk
18-18-18	31153	18.27	18.01	19.93		100	CM	Bulk
22-15-14	31156	22.44	15.32	15.40		101	CM	Bulk
27-14-12	31152	28.22	14.77	12.21		102	CM	Bulk
27-14-12	31154	27.59	14.18	13.19		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.98	101.11	104.41				
ALL SAMPLES,CV %		5.87	2.8	3.73				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (GLEN) GLENDALE KY 42740								
07-18-36	30422	7.30	18.75	35.02		99	CM	Bulk
08-21-32	30479	8.43	21.20	32.07		100	CM	Bulk
09-23-30	30419	9.19	23.73	29.38		101	CM	Bulk
09-23-30	30420	9.18	23.89	28.80		100	CM	Bulk
10-25-25	31670	9.54	26.67	25.25		99	CM	Bulk
10-25-25	31671	9.85	25.74	26.76		100	CM	Bulk
10-26-26	31666	9.79	26.90	25.80		100	CM	Bulk
10-26-26	31667	10.03	26.17	26.68		101	CM	Bulk
10-26-26	31668	9.57	26.63	26.44		100	CM	Bulk
13-33-12	30418	12.67	34.06	12.40		100	CM	Bulk
14-00-29	31669+	15.39	0.00	30.47		102	CM	Bulk
30-10-10	32997	30.83	8.18 *	11.97		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC (GLEN) GLENDALE KY 42740								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.08	100.14	101.09				
ALL SAMPLES, CV %		3.48	6.56	5.95				
NUMBER OF ANALYSIS		12	11	12				
Deficiency Rate = 8.33 %								
CROP PRODUCTION SVC (HARD) HARDIN KY 42048								
02-06-10	30311+	2.79	6.75	10.20		103	CM	Bulk
02-06-10	30312+	2.61	6.40	10.47		102	CM	Bulk
02-08-12	30392+	2.71	8.14	12.28		101	CM	Bulk
04-13-40	31889+	4.21	13.90	40.28		102	CM	Bulk
04-13-40	31890+	4.38	13.49	40.92		103	CM	Bulk
04-13-40	31891+	4.08	13.38	41.73		103	CM	Bulk
06-20-30	30313+	5.86	19.83	29.33		98	CM	Bulk
06-20-30	30314+	5.92	20.26	28.91		98	CM	Bulk
09-23-30	30393	9.31	23.71	29.28		101	CM	Bulk
09-23-30	30394	9.07	22.97	30.21		100	CM	Bulk
09-23-30	30395	9.25	23.21	30.78		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		108.28	100.04	100.22				
ALL SAMPLES, CV %		10.94	2.91	2.42				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (HENDERSON) HENDERSON KY 42420								
04-24-29	30483	5.09	24.63	29.74		99	CM	Bulk
04-24-29	30484	4.91	24.54	30.58		100	CM	Bulk
04-24-29	30486	5.11	24.41	30.46		100	CM	Bulk
04-24-29	30487	5.03	24.81	30.38		101	CM	Bulk
04-24-29	30488	5.02	25.04	29.80		100	CM	Bulk
04-24-29	30489	5.05	24.08	30.65		100	CM	Bulk
04-24-29	30490	5.25	24.64	29.80		100	CM	Bulk
04-24-29	30491	5.38	24.52	30.08		100	CM	Bulk
Statistical Analysis for Grade : 04-24-29								
Number of Samples This Grade : 8								
Average Analysis :		5.11	24.58	30.19		100.1		
CV, %		2.88	1.14	1.25				
07-18-36	30308	6.96	18.54	36.58		101	CM	Bulk
07-18-36	30309	6.91	17.58	37.22		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.07	98.55	101.18				
ALL SAMPLES, CV %		3.49	1.61	1.32				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (HOD) HODGENVILLE KY 42748								
08-16-02	30276	8.53	17.19	2.30		103	CM	Bulk
08-20-32	30478	8.07	20.00	32.47		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC (HOD)		HODGENVILLE KY 42748						
10-28-23	30272	10.60	27.02	24.19		99	CM	Bulk
12-22-26	30269	12.34	22.42	27.83		103	CM	Bulk
12-22-26	30275	12.20	23.06	25.22		99	CM	Bulk
12-22-26	30277	12.26	22.44	25.68		99	CM	Bulk
12-22-26	30278	12.03	21.81	26.75		99	CM	Bulk
19-17-19	31500	20.40	17.90	20.10		101	CM	Bulk
19-19-19	31502	18.91	19.00	19.62		99	CM	Bulk
27-13-13	31503	27.51	13.08	14.18		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.67	99.05	102.09				
ALL SAMPLES,CV %		2.01	2.45	3.78				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC (HOR)		HORSECAVE KY 42749						
08-21-32	31723	7.65	21.56	33.90		102	CM	Bulk
08-21-32	31725	8.34	21.83	33.68		103	CM	Bulk
08-21-32	31726	8.29	21.01	33.94		102	CM	Bulk
19-19-19	31724	19.92	19.35	20.34		103	CM	Bulk
22-10-22	31220	22.26	9.87	23.32		100	CM	Bulk
22-16-16	31720	22.91	17.37	17.52		102	CM	Bulk
25-12-12	31312	26.23	12.69	12.82		101	CM	Bulk
27-06-18	31313	27.76	6.83	19.02		101	CM	Bulk
31-10-10	31721	31.04	10.34	11.55		100	CM	Bulk
31-10-10	31722	32.25	11.46	9.51 *		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.41	100.80	103.15				
ALL SAMPLES,CV %		3.26	3.34	5.04				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
CROP PRODUCTION SVC (KEVIL)		KEVIL KY 42053-0112						
09-23-30	32661	9.34	24.85	26.38 *		98	CM	Bulk
09-23-30	32662	8.27	22.67	30.26		98	CM	Bulk
-----								
CROP PRODUCTION SVC (LEB)		LEBANON KY 40033						
22-14-18	31596	22.27	15.50	18.62		100	CM	Bulk
23-11-11	31595+	23.68	12.28	11.62		102	CM	Bulk
23-11-11	31597+	23.07	11.98	12.52		101	CM	Bulk
23-11-11	31598+	22.77	12.04	12.19		100	CM	Bulk
27-11-14	31594	27.96	11.19	15.21		101	CM	Bulk
27-11-14	31599	27.13	10.78	16.10		100	CM	Bulk
27-11-15	31600	26.53	12.57	15.82		101	CM	Bulk
27-11-15	31601	26.07	12.43	16.35		100	CM	Bulk
27-11-15	31603	27.45	11.07	15.48		100	CM	Bulk
29-09-13	31602	30.44	9.88	12.09		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC (LEB) LEBANON KY 40033								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.52	102.24	103.06				
ALL SAMPLES,CV %		3.22	5.2	4.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (MOR) MORGANFIELD KY 42437								
05-14-18	30468	5.77	14.02	19.54		103	CM	Bulk
05-14-18	30469	6.25	14.25	20.35		107	CM	Bulk
06-20-30	31835+	6.54	21.39	29.10		102	CM	Bulk
06-20-30	31836+	6.15	21.73	28.86		101	CM	Bulk
08-21-32	30466	8.25	21.06	32.95		101	CM	Bulk
08-21-32	30467	7.63	20.91	32.93		99	CM	Bulk
08-21-32	30470	7.95	20.28	33.98		100	CM	Bulk
18-14-18	30797+	19.13	14.75	19.39		103	CM	Bulk
18-14-18	30798+	18.83	14.75	19.72		102	CM	Bulk
18-14-18	30799+	18.74	14.83	19.52		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.55	101.50	103.32				
ALL SAMPLES,CV %		6.21	4.18	4.04				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (OBORO) OWENSBORO KY 42301								
04-08-26	30441+	4.60	7.73	26.96		104	CM	Bulk
04-08-26	30442+	4.33	7.33	27.35		103	CM	Bulk
04-08-26	30443+	4.75	7.57	26.66		103	CM	Bulk
04-08-26	30444+	4.47	7.35	28.06		105	CM	Bulk
04-08-26	30445+	4.66	8.63	27.68		109	CM	Bulk
Statistical Analysis for Grade : 04-08-26								
Number of Samples This Grade : 5								
Average Analysis :		4.56	7.72	27.34		104.9		
CV, %		3.61	6.91	2.03				
07-17-35	30438+	7.19	16.39	36.38		100	CM	Bulk
07-17-35	30439+	7.40	17.48	35.35		101	CM	Bulk
07-17-35	30440+	7.49	17.10	35.86		101	CM	Bulk
CROP PRODUCTION SVC (OWBO) OWENSBORO KY 42301								
12-05-33	32783	11.83	5.06	35.15		102	CM	Bulk
14-16-23	32780	14.01	16.36	24.43		101	CM	Bulk
25-12-13	32778	25.96	12.99	14.31		102	CM	Bulk
29-10-12	32781	30.08	10.00	12.55		101	CM	Bulk
29-10-12	32782	29.70	10.83	12.81		102	CM	Bulk
CROP PRODUCTION SVC (PEM) PEMBROKE KY 42266								
06-30-22	30140	5.95	30.60	23.70		100	CM	Bulk
06-31-22	30139	6.83	31.15	22.57		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC (PEM) PEMBROKE KY 42266								
06-31-22	30141	5.99	29.80	24.81		101	CM	Bulk
08-27-25	30191	8.09	27.64	26.35		102	CM	Bulk
09-23-30	30189	9.05	23.78	29.23		100	CM	Bulk
09-23-30	30190	9.91	25.92	26.55 *		101	CM	Bulk
10-26-26	30224	10.11	26.76	27.10		103	CM	Bulk
10-26-26	30225	9.72	27.12	26.57		102	CM	Bulk
13-33-14	30223	12.48	32.88	15.63		101	CM	Bulk
CROP PRODUCTION SVC (POOL) POOLE KY 42444								
07-19-29	32841	7.48	18.82	30.13		101	CM	Bulk
CROP PRODUCTION SVC (RIVERPORT) OWENSBORO KY 42301								
07-18-36	33001	7.61	17.60	37.07		101	CM	Bulk
07-18-36	33002	7.61	18.31	37.09		102	CM	Bulk
39-00-00	33007+	41.02	0.00	0.00		103	CM	Bulk
39-00-00	33008+	40.94	0.00	0.00		103	CM	Bulk
CROP PRODUCTION SVC (RUSSEL) RUSSELLVILLE KY 42276-0008								
11-29-21	30715	11.56	30.71	20.67		100	CM	Bulk
11-29-21	30716	11.53	30.22	21.24		100	CM	Bulk
12-30-20	30460	11.53	29.31	21.88		100	CM	Bulk
13-26-17	32007+	13.32	22.92 *	17.72		96 *	CM	Bulk
13-26-17	32008+	13.31	22.62 *	17.23		95 *	CM	Bulk
13-34-14	30251	13.24	35.52	16.50		103	CM	Bulk
13-34-14	30252	13.86	36.22	14.49		103	CM	Bulk
13-34-14	30253	13.63	36.27	15.28		103	CM	Bulk
19-16-21	32009	19.18	16.11	21.92		99	CM	Bulk
19-19-19	31331	22.00	20.16	16.56 *		102	CM	Bulk
29-00-00	30713+	28.83	0.00	0.00		99	Mat	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.87	98.72	100.71				
ALL SAMPLES,CV %		4.36	7.32	6.85				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate = 27.27 %								
CROP PRODUCTION SVC (SAC) SACRAMENTO KY 42372								
04-19-33	30522+	4.01	19.02	32.54		100	CM	Bulk
04-19-33	30523+	4.02	18.92	33.17		101	CM	Bulk
04-19-33	30524+	3.95	18.98	33.16		101	CM	Bulk
04-19-33	30525+	3.86	18.47	34.07		101	CM	Bulk
04-20-36	30507	4.09	20.33	35.81		100	CM	Bulk
04-20-36	30509	4.35	21.84	34.99		102	CM	Bulk
04-20-36	30510	4.33	21.06	34.50 *		100	CM	Bulk
08-22-30	30506	9.22	24.07	28.92		100	CM	Bulk
09-23-30	30526	5.40 *	25.87	29.06		96 *	CM	Bulk
09-23-30	30527	5.28 *	26.33	29.37		97	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC (SAC) SACRAMENTO KY 42372								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.05	105.36	98.10				
ALL SAMPLES,CV %		20.32	4.8	1.85				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 30.00 %								
CROP PRODUCTION SVC (SCHOC) RUSSELLVILLE KY 42276								
08-26-20	30123+	8.02	27.21	21.28		103	CM	Bulk
08-26-20	30124+	7.40	25.96	23.35		103	CM	Bulk
08-26-20	30126+	7.72	28.61	19.39		102	CM	Bulk
08-26-20	30127+	7.44	25.84	23.18		103	CM	Bulk
08-26-20	30128+	8.43	28.61	18.47 *		102	CM	Bulk
08-26-20	30148+	7.35	24.97 *	24.36		103	CM	Bulk
08-26-20	30149+	7.94	27.98	18.34 *		99	CM	Bulk
08-26-20	30156+	7.97	26.50	21.24		102	CM	Bulk
08-26-20	30157+	8.39	28.42	18.11 *		101	CM	Bulk
Statistical Analysis for Grade : 08-26-20								
Number of Samples This Grade : 9								
Average Analysis :		7.85	27.12	20.86		102.0		
CV, %		5.17	5.03	11.49				
08-27-20	30125+	7.56	26.43	20.96		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.78	101.45	104.33				
ALL SAMPLES,CV %		5.03	4.82	10.83				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 40.00 %								
CROP PRODUCTION SVC (SED) SEDALIA KY 42079								
00-12-15	30404	0.00	12.24	16.80		104	CM	Bulk
00-12-15	30405	0.00	13.62	16.81		109	CM	Bulk
03-10-26	30401	4.81	10.40	28.44		107	CM	Bulk
03-10-26	30402	5.56	10.35	27.05		106	CM	Bulk
03-10-26	30403	4.62	10.37	27.64		105	CM	Bulk
04-10-26	30406	4.59	10.19	29.20		108	CM	Bulk
04-10-26	30407	4.96	10.50	27.59		106	CM	Bulk
07-19-34	31979	7.67	20.00	35.03		102	CM	Bulk
07-19-34	31980	7.80	21.17	33.47		101	CM	Bulk
09-23-30	30408	9.12	23.59	28.78		99	CM	Bulk
09-23-30	30409	9.04	22.38	31.39		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		112.89	102.67	103.44				
ALL SAMPLES,CV %		12.07	3.95	3.89				
NUMBER OF ANALYSIS		9	11	11				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC (SHEL) SHELBYVILLE KY 40066								
11-29-15	31524	11.30	28.52	16.78		102	CM	Bulk
13-16-28	31917	13.65	16.21	29.47		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC (SHEL)		SHELBYVILLE KY 40066						
13-16-28	31918	14.04	17.94	27.84		101	CM	Bulk
13-16-28	31919	13.13	17.46	30.29		102	CM	Bulk
14-19-25	32682	15.25	19.50	25.61		102	CM	Bulk
17-16-21	31523	18.40	16.83	20.49		101	CM	Bulk
21-10-10	31921	23.72	13.69	13.94		116	CM	Bulk
33-07-09	32680	34.03	6.78	9.30		101	CM	Bulk
36-00-11	32681	37.03	0.00	11.73		100	CM	Bulk
40-04-00	31521+	39.19	3.97	0.00		98	CM	Bulk
40-04-00	31522+	39.11	5.03	0.00		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.76	105.07	104.28				
ALL SAMPLES,CV %		3.87	9.96	9.41				
NUMBER OF ANALYSIS		11	10	9				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC (SLA)		SLAUGHTERS KY 42456						
09-22-29	30330+	8.64	22.00	28.70		100	CM	Bulk
09-22-29	30331+	8.67	21.59	29.52		100	CM	Bulk
09-22-29	30334+	8.33	21.41	28.77		98	CM	Bulk
09-23-30	30297	9.65	24.63	29.09		102	CM	Bulk
09-23-30	30298	8.80	22.41	30.19		99	CM	Bulk
09-23-30	30299	8.59	22.16	31.14		100	CM	Bulk
09-23-30	30300	8.68	22.56	30.05		99	CM	Bulk
09-23-30	30332	9.60	24.07	28.04 *		100	CM	Bulk
09-23-30	30333	8.78	22.68	29.44		98	CM	Bulk
09-23-30	30335	8.57	22.45	30.45		99	CM	Bulk
09-23-30	30336	8.39	22.48	30.49		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :		8.88	22.93	29.86		99.4		
CV, %		5.36	3.93	3.25				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.74	99.26	99.84				
ALL SAMPLES,CV %		4.58	3.43	2.84				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 9.09 %								
-----								
CROP PRODUCTION SVC (UPT)		UPTON KY 42784						
12-09-35	31355	12.61	8.90	36.55		103	CM	Bulk
13-11-32	31353	14.70	10.56	31.10		102	CM	Bulk
18-11-26	31356	17.94	10.61	26.86		102	CM	Bulk
19-19-19	31292	18.89	20.13	19.98		103	CM	Bulk
19-19-19	31357	19.60	18.92	20.64		102	CM	Bulk
21-14-19	31350	21.45	15.40	20.21		101	CM	Bulk
25-06-21	31352	25.72	6.48	20.16		101	CM	Bulk
27-13-13	31354	27.11	13.17	14.91		101	CM	Bulk
28-12-12	31349	29.86	12.70	13.57		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC (UPT)		UPTON KY 42784						
30-11-11	31351	31.54	10.97	10.96		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.95	99.97	102.65				
ALL SAMPLES,CV %		3.63	3.73	4.66				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC (WAV)		WAVERLY KY 42462						
05-18-33	31830+	5.57	19.40	33.09		103	CM	Bulk
06-19-32	31824+	5.69	20.00	31.59		102	CM	Bulk
06-19-32	31825+	5.83	20.04	30.93		101	CM	Bulk
06-19-32	31831+	5.72	19.59	31.94		102	CM	Bulk
06-20-30	31823+	6.45	21.74	29.04		102	CM	Bulk
06-20-30	31827+	6.43	22.12	28.76		102	CM	Bulk
06-20-30	31828+	6.08	21.10	29.09		100	CM	Bulk
06-20-30	31829+	6.17	21.46	30.69		104	CM	Bulk
07-22-27	31832+	6.69	23.07	26.80		102	CM	Bulk
18-18-00	31415	17.59	16.55 *	0.00		95 *	Blend	Liq
21-16-16	31826	22.06	17.22	17.96		105	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.93	105.86	99.61				
ALL SAMPLES,CV %		2.69	4.64	4.15				
NUMBER OF ANALYSIS		11	11	10				
Deficiency Rate = 9.09 %								
-----								
CROP PRODUCTION SVC INC		GREELEY CO 80632						
00-00-22	31520	0.00	0.00	21.53		98	Mat	Bulk
00-00-50	30636	0.00	0.00	50.93		102	Mat	Bulk
00-00-50	30724	0.00	0.00	50.95		102	Mat	Bulk
00-00-50	31510	0.00	0.00	50.28		101	Mat	Bulk
00-00-50	31920	0.00	0.00	51.55		103	Mat	Bulk
00-00-50	32044	0.00	0.00	49.34		99	Mat	Bulk
00-00-50	32081	0.00	0.00	51.44		103	Mat	Bulk
00-00-50	32103	0.00	0.00	50.11		100	Mat	Bulk
00-00-50	32412	0.00	0.00	49.75		100	Mat	Bulk
00-00-50	32719	0.00	0.00	50.15		100	Mat	Bulk
00-00-50	32720	0.00	0.00	50.73		101	Mat	Bulk
00-00-50	32779	0.00	0.00	51.45		103	Mat	Bulk
00-00-50	32903	0.00	0.00	52.00		104	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 12								
Average Analysis :		0.00	0.00	50.72		101.4		
CV, %		0	0	1.6				
00-00-60	30036	0.00	0.00	61.91		103	Mat	Bulk
00-00-60	30037	0.00	0.00	61.65		103	Mat	Bulk
00-00-60	30083	0.00	0.00	60.56		101	Mat	Bulk
00-00-60	30084	0.00	0.00	60.02		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC INC GREELEY CO 80632								
00-00-60	30099	0.00	0.00	61.99		103	Mat	Bulk
00-00-60	30130	0.00	0.00	61.45		102	Mat	Bulk
00-00-60	30131	0.00	0.00	61.35		102	Mat	Bulk
00-00-60	30166	0.00	0.00	61.60		103	Mat	Bulk
00-00-60	30178	0.00	0.00	61.02		102	Mat	Bulk
00-00-60	30206	0.00	0.00	60.16		100	Mat	Bulk
00-00-60	30216	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	30305	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	30307	0.00	0.00	59.82		100	Mat	Bulk
00-00-60	30310	0.00	0.00	60.20		100	Mat	Bulk
00-00-60	30435	0.00	0.00	62.54		104	Mat	Bulk
00-00-60	30560	0.00	0.00	60.94		102	Mat	Bulk
00-00-60	30567	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	30574	0.00	0.00	62.35		104	Mat	Bulk
00-00-60	30597	0.00	0.00	61.32		102	Mat	Bulk
00-00-60	30599	0.00	0.00	61.36		102	Mat	Bulk
00-00-60	30634	0.00	0.00	60.53		101	Mat	Bulk
00-00-60	30702	0.00	0.00	60.83		101	Mat	Bulk
00-00-60	30717	0.00	0.00	60.29		100	Mat	Bulk
00-00-60	30722	0.00	0.00	61.85		103	Mat	Bulk
00-00-60	30723	0.00	0.00	60.38		101	Mat	Bulk
00-00-60	30725	0.00	0.00	61.67		103	Mat	Bulk
00-00-60	30726	0.00	0.00	61.16		102	Mat	Bulk
00-00-60	30732	0.00	0.00	60.65		101	Mat	Bulk
00-00-60	30739	0.00	0.00	60.97		102	Mat	Bulk
00-00-60	30789	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	30802	0.00	0.00	61.02		102	Mat	Bulk
00-00-60	30830	0.00	0.00	60.65		101	Mat	Bulk
00-00-60	30831	0.00	0.00	61.85		103	Mat	Bulk
00-00-60	30832	0.00	0.00	59.92		100	Mat	Bulk
00-00-60	30833	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	30851	0.00	0.00	61.47		102	Mat	Bulk
00-00-60	30880	0.00	0.00	60.90		102	Mat	Bulk
00-00-60	30890	0.00	0.00	61.93		103	Mat	Bulk
00-00-60	30957	0.00	0.00	61.25		102	Mat	Bulk
00-00-60	30958	0.00	0.00	61.82		103	Mat	Bulk
00-00-60	30964	0.00	0.00	61.20		102	Mat	Bulk
00-00-60	30986	0.00	0.00	61.64		103	Mat	Bulk
00-00-60	30987	0.00	0.00	61.53		103	Mat	Bulk
00-00-60	31053	0.00	0.00	61.05		102	Mat	Bulk
00-00-60	31202	0.00	0.00	60.77		101	Mat	Bulk
00-00-60	31205	0.00	0.00	61.16		102	Mat	Bulk
00-00-60	31315	0.00	0.00	60.57		101	Mat	Bulk
00-00-60	31319	0.00	0.00	59.19		99	Mat	Bulk
00-00-60	31379	0.00	0.00	61.17		102	Mat	Bulk
00-00-60	31383	0.00	0.00	60.57		101	Mat	Bulk
00-00-60	31440	0.00	0.00	61.58		103	Mat	Bulk
00-00-60	31517	0.00	0.00	61.10		102	Mat	Bulk
00-00-60	31729	0.00	0.00	59.51		99	Mat	Bulk
00-00-60	32042	0.00	0.00	61.02		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC INC GREELEY CO 80632								
00-00-60	32059	0.00	0.00	60.29		100	Mat	Bulk
00-00-60	32079	0.00	0.00	60.93		102	Mat	Bulk
00-00-60	32080	0.00	0.00	60.06		100	Mat	Bulk
00-00-60	32101	0.00	0.00	60.16		100	Mat	Bulk
00-00-60	32253	0.00	0.00	61.40		102	Mat	Bulk
00-00-60	32257	0.00	0.00	60.02		100	Mat	Bulk
00-00-60	32259	0.00	0.00	61.14		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 61								
Average Analysis :		0.00	0.00	60.98		101.6		
CV, %		0	0	1.12				
00-46-00	31508	0.00	45.73	0.00		99	Mat	Bulk
02-00-00	30989+	2.56	0.00	0.00		128	Blend	Bulk
03-15-30	30134+	4.13	15.09	31.25		106	Mnfr	Bulk
08-00-00	30714+	7.03 *	0.00	0.00		88 *	Mat	Liq
10-50-00	30485	9.87	49.10	0.00		98	Mat	Bulk
11-37-00	30795	10.79	34.32 *	0.00		94 *	Blend	Liq
12-40-00	30118+	11.57	40.72	0.00		100	Mat	Bulk
12-40-00	30133+	12.16	40.45	0.00		101	Mnfr	Bulk
12-40-00	30559+	12.05	42.51	0.00		104	Mat	Bulk
18-46-00	30035	17.83	46.35	0.00		100	Mat	Bulk
18-46-00	30082	17.88	46.88	0.00		101	Mat	Bulk
18-46-00	30100	17.65	46.33	0.00		100	Mat	Bulk
18-46-00	30129	18.16	45.83	0.00		100	Mat	Bulk
18-46-00	30132	18.12	46.20	0.00		101	Mat	Bulk
18-46-00	30165	18.04	46.07	0.00		100	Mat	Bulk
18-46-00	30177	18.09	46.56	0.00		101	Mat	Bulk
18-46-00	30205	17.94	46.08	0.00		100	Mat	Bulk
18-46-00	30215	17.81	46.46	0.00		100	Mat	Bulk
18-46-00	30296	17.72	45.62	0.00		99	Mat	Bulk
18-46-00	30304	17.86	45.56	0.00		99	Mat	Bulk
18-46-00	30306	17.93	45.88	0.00		100	Mat	Bulk
18-46-00	30436	17.38	46.56	0.00		100	Mat	Bulk
18-46-00	30558	17.54	46.32	0.00		100	Mat	Bulk
18-46-00	30564	17.31	45.76	0.00		98	Mat	Bulk
18-46-00	30572	17.60	45.91	0.00		99	Mat	Bulk
18-46-00	30598	17.86	45.42	0.00		99	Mat	Bulk
18-46-00	30600	17.90	45.38	0.00		99	Mat	Bulk
18-46-00	30633	17.86	46.62	0.00		101	Mat	Bulk
18-46-00	30708	17.80	46.28	0.00		100	Mat	Bulk
18-46-00	30718	17.99	46.48	0.00		101	Mat	Bulk
18-46-00	30719	17.97	46.66	0.00		101	Mat	Bulk
18-46-00	30727	17.98	46.15	0.00		100	Mat	Bulk
18-46-00	30728	18.29	46.75	0.00		102	Mat	Bulk
18-46-00	30729	17.97	45.94	0.00		100	Mat	Bulk
18-46-00	30731	17.76	46.09	0.00		100	Mat	Bulk
18-46-00	30740	17.71	45.98	0.00		99	Mat	Bulk
18-46-00	30793	17.63	45.81	0.00		99	Mat	Bulk
18-46-00	30801	18.17	45.65	0.00		100	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	30826	17.80	45.22	0.00		99	Mat	Bulk
18-46-00	30827	17.71	45.13	0.00		98	Mat	Bulk
18-46-00	30828	17.57	45.40	0.00		98	Mat	Bulk
18-46-00	30829	17.57	45.42	0.00		98	Mat	Bulk
18-46-00	30850	17.64	46.11	0.00		99	Mat	Bulk
18-46-00	30881	18.09	45.90	0.00		100	Mat	Bulk
18-46-00	30893	17.67	45.94	0.00		99	Mat	Bulk
18-46-00	30985	18.21	46.14	0.00		101	Mat	Bulk
18-46-00	31055	17.66	45.92	0.00		99	Mat	Bulk
18-46-00	31203	17.74	45.66	0.00		99	Mat	Bulk
18-46-00	31204	17.50	46.52	0.00		100	Mat	Bulk
18-46-00	31316	18.12	46.31	0.00		101	Mat	Bulk
18-46-00	31317	17.83	46.24	0.00		100	Mat	Bulk
18-46-00	31380	17.58	45.55	0.00		99	Mat	Bulk
18-46-00	31381	17.67	45.43	0.00		99	Mat	Bulk
18-46-00	31441	18.23	45.78	0.00		100	Mat	Bulk
18-46-00	31515	17.89	46.04	0.00		100	Mat	Bulk
18-46-00	31516	18.11	45.82	0.00		100	Mat	Bulk
18-46-00	31728	17.86	46.77	0.00		101	Mat	Bulk
18-46-00	31877	18.28	46.94	0.00		102	Mat	Bulk
18-46-00	32039	18.20	47.09	0.00		102	Mat	Bulk
18-46-00	32040	17.81	46.77	0.00		101	Mat	Bulk
18-46-00	32041	18.18	47.42	0.00		102	Mat	Bulk
18-46-00	32058	18.21	47.14	0.00		102	Mat	Bulk
18-46-00	32078	17.92	46.05	0.00		100	Mat	Bulk
18-46-00	32102	17.91	46.15	0.00		100	Mat	Bulk
18-46-00	32254	17.56	45.84	0.00		99	Mat	Bulk
18-46-00	32256	17.91	45.74	0.00		99	Mat	Bulk
18-46-00	32258	18.12	45.98	0.00		100	Mat	Bulk
18-46-00	32721	18.24	46.82	0.00		102	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 59								
Average Analysis :		17.87	46.12	0.00		99.9		
CV, %		1.33	1.1	0				
21-00-00	30575+	20.41	0.00	0.00		97	Mat	Bulk
21-00-00	30603+	20.60	0.00	0.00		98	Mat	Bulk
21-00-00	30704+	20.91	0.00	0.00		100	Mat	Bulk
21-00-00	30720+	19.92	0.00	0.00		95 *	Mat	Bulk
21-00-00	30734+	20.30	0.00	0.00		97 *	Mat	Bulk
21-00-00	30852+	20.59	0.00	0.00		98	Mat	Bulk
21-00-00	30853+	20.72	0.00	0.00		99	Mat	Bulk
21-00-00	30990+	20.48	0.00	0.00		98	Mat	Bulk
21-00-00	31511+	21.22	0.00	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 21-00-00								
Number of Samples This Grade : 9								
Average Analysis :		20.57	0.00	0.00		98.0		
CV, %		1.8	0	0				
28-00-00	30735	27.81	0.00	0.00		99	Mat	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC INC GREELEY CO 80632								
28-00-00	31063	28.20	0.00	0.00		101	Mat	Liq
32-00-00	30563	31.93	0.00	0.00		100	Mat	Liq
32-00-00	32414	31.88	0.00	0.00		100	Mat	Liq
43-00-00	31509	43.41	0.00	0.00		101	Mat	Bulk
44-00-00	31207+	45.11	0.00	0.00		103	Mat	Bulk
44-00-00	31208+	44.63	0.00	0.00		101	Mat	Bulk
44-00-00	31382+	44.44	0.00	0.00		101	Mat	Bulk
44-00-00	31384+	44.42	0.00	0.00		101	Mat	Bulk
44-00-00	31512+	45.15	0.00	0.00		103	Mat	Bulk
44-00-00	31518+	45.41	0.00	0.00		103	Mat	Bulk
44-00-00	32077+	45.20	0.00	0.00		103	Mat	Bulk
44-00-00	32083+	45.22	0.00	0.00		103	Mat	Bulk
Statistical Analysis for Grade : 44-00-00								
Number of Samples This Grade : 8								
Average Analysis :		44.95	0.00	0.00		102.2		
CV, %		0.86	0	0				
46-00-00	30565	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	30570	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	30571	45.75	0.00	0.00		99	Mat	Bulk
46-00-00	30631	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	30632	45.86	0.00	0.00		100	Mat	Bulk
46-00-00	30703	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	30706	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	30707	45.91	0.00	0.00		100	Mat	Bulk
46-00-00	30730	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	30792	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	30847	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	30849	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	30879	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	30891	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	30892	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	30959	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31050	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	31206	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	31314	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31385	45.85	0.00	0.00		100	Mat	Bulk
46-00-00	31513	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	31514	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	31519	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	31727	45.34	0.00	0.00		99	Mat	Bulk
46-00-00	31878	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	32082	45.94	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 26								
Average Analysis :		46.00	0.00	0.00		100.0		
CV, %		0.4	0	0				

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC GREELEY CO 80632								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.05	100.23	101.58				
ALL SAMPLES,CV %		4.78	1.62	1.29				
NUMBER OF ANALYSIS		115	66	75				
Deficiency Rate = 2.11 %								
DELTAG GREENVILLE MS 38704								
08-00-18	32664+	7.96	0.00	17.96		100	Blend	Liq
DRAKES FARM SVC. MORGANTOWN KY 42261-0308								
11-29-20	32325	11.35	29.36	21.46		101	CM	Bulk
13-17-27	32318	13.63	16.79	29.29		100	CM	Bulk
13-17-27	32319	13.40	16.90	29.46		100	CM	Bulk
13-17-27	32324	13.87	16.97	29.11		101	CM	Bulk
19-19-19	32317	18.97	20.34	19.71		101	CM	Bulk
19-19-19	32321	19.05	19.37	20.07		100	CM	Bulk
24-16-15	32320	23.21	15.97	17.43		100	CM	Bulk
24-16-15	32323	23.01	15.60	16.76		98	CM	Bulk
25-15-15	32322	24.92	14.86	16.90		102	CM	Bulk
25-15-15	32337	25.10	14.39	15.47		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.85	98.57	105.27				
ALL SAMPLES,CV %		1.36	2.83	2.94				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
DREXEL CHEMICAL CO. MEMPHIS TN 38113-0327								
25-00-00	31064+	24.40	0.00	0.00		98	Mat	Liq
DYSART CORPORATION CANAL WINCHESTER OH 43110								
08-18-18	32981	9.90	18.58	17.51		106	Mnfr	Bag
EASY GARDNER WACO TX 76702-1025								
02-07-04	31016+	2.96	8.30	4.19		121	Mnfr	Bag
03-05-03	31392+	3.86	4.95	4.98		126	Mnfr	Bag
03-05-04	31393+	3.71	4.98	4.60		112	Mnfr	Bag
04-04-04	31135+	4.14	4.57	4.24		107	Blend	Bag
04-04-04	31266+	4.16	5.84	4.86		121	Mnfr	Bag
04-04-04	31285+	4.09	4.89	6.83		129	Mnfr	Bag
04-04-04	31391+	4.71	5.53	5.70		131	Mnfr	Bag
04-04-04	31610+	4.65	4.55	4.50		114	Mnfr	Bag
04-04-04	32377+	3.77	4.50	4.57		105	Blend	Bag
Statistical Analysis for Grade : 04-04-04								
Number of Samples This Grade : 6								
Average Analysis :								
CV, %		4.25	4.98	5.12		118.0		
		8.46	11.48	19.11				
08-16-16	32423	11.97	10.50 *	17.98		105	Mnfr	Bag



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
EASY GARDNER WACO TX 76702-1025								
09-12-09	31017	11.93	14.55	10.74		125	Mnfr	Bag
15-03-03	31611	16.92	4.93	5.62		127	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		119.44	117.95	131.03				
ALL SAMPLES,CV %		14.89	21.19	21.69				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 8.33 %								
EAU CLAIRE CO-OP OIL CO. EAU CLAIRE WI 54702								
20-00-09	30137+	20.81	0.00	9.37		104	Blend	Bag
22-00-10	30138+	22.02	0.00	10.67		102	Blend	Bag
24-00-03	31232+	25.27	0.00	3.72		107	Blend	Bag
26-00-03	31233+	25.73	0.00	3.57		101	Blend	Bag
EIGHTY EIGHT FERTILIZER CO., INC. GLASGOW KY 42141								
17-17-17	31436	17.53	16.51	18.24		99	CM	Bulk
19-19-19	31437	18.78	18.93	19.62		100	CM	Bulk
27-05-07	31435	28.02	5.07	7.34		100	CM	Bulk
27-05-07	31439	29.06	5.12	7.42		103	CM	Bulk
27-13-13	31431	26.70	13.26	14.56		100	CM	Bulk
27-13-13	31433	26.95	13.58	14.13		100	CM	Bulk
27-13-13	31434	27.97	12.94	14.14		102	CM	Bulk
27-13-13	31438	28.40	12.27 *	13.04		100	CM	Bulk
27-13-13	31497	26.60	13.53	14.47		100	CM	Bulk
27-13-13	31498	26.85	13.10	14.36		99	CM	Bulk
Statistical Analysis for Grade : 27-13-13								
Number of Samples This Grade : 6								
Average Analysis :		27.25	13.11	14.12		100.0		
CV, %		2.75	3.66	3.93				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.42	94.88	102.71				
ALL SAMPLES,CV %		3.18	4.91	3.79				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
ENCAP, LLC GREEN BAY WI 54311-9707								
00-00-00	31234+	0.00	0.00	0.00			Blend	Bag
00-00-00	31235+	0.00	0.00	0.00			Blend	Bag
00-00-00	31400+	0.00	0.00	0.00			Blend	Bag
00-00-00	31401+	0.00	0.00	0.00			Blend	Bag
ENVIRO-SAFE LABS, INC SARASOTA FL 34240								
08-05-05	32532+	8.41	6.54	3.02 *		100	Mnfr	Bag
ESPOMA CO. MILLVILLE NJ 08332								
02-02-02	32977	1.95	2.59	2.45		114	Mnfr	Liq
03-04-04	30001+	3.82	4.79	5.84		131	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
ESPOMA CO. MILLVILLE NJ 08332								
03-04-04	31018+	3.97	5.03	4.49		123	Mnfr	Bag
03-04-04	33028+	4.22	5.73	4.82		135	Mnfr	Bag
03-04-05	31137+	3.50	5.09	5.51		117	Blend	Bag
03-04-06	30838+	3.74	5.76	6.73		125	Mnfr	Bag
04-02-02	33029+	3.92	2.62	3.08		117	Mnfr	Bag
04-03-03	31607+	4.79	4.19	4.06		129	Mnfr	Bag
04-03-04	30194+	3.84	3.79	4.73		111	Mnfr	Bag
05-03-03	31450+	5.58	4.25	3.06		116	Mnfr	Bag
09-00-00	30750+	8.42	0.00	0.00		94 *	Mnfr	Bag
12-00-00	32546+	14.24	0.00	0.00		119	Mat	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		114.72	132.82	123.32				
ALL SAMPLES,CV %		13.58	6.48	13.54				
NUMBER OF ANALYSIS		12	10	10				
Deficiency Rate = 8.33 %								
-----								
FARMERS FERTILIZER CO. BOWLING GREEN KY 42102								
18-18-18	31613	18.12	18.44	19.27		102	CM	Bulk
19-19-18	32030	19.42	19.27	19.46		100	CM	Bulk
19-19-19	32026	18.94	20.60	19.22		101	CM	Bulk
27-08-17	31614	27.31	8.76	17.55		100	CM	Bulk
27-11-15	32025	27.24	11.18	16.17		101	CM	Bulk
29-10-13	32024+	27.76	9.41	16.58		101	CM	Bulk
29-10-13	32027+	29.15	9.35	14.41		101	CM	Bulk
29-10-13	32029+	28.43	9.56	15.20		101	CM	Bulk
32-09-09	31612	33.35	8.71 *	9.28		99	CM	Bulk
35-17-00	31615	36.38	16.30	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.10	96.87	107.78				
ALL SAMPLES,CV %		2.07	5.05	8.13				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								
-----								
FARMERS FERTILIZER CO.(KELLY RD) BOWLING GREEN KY 42101								
04-12-21	31622+	5.26	12.45	24.33		110	CM	Bulk
15-23-18	31616	14.82	23.93	19.39		100	CM	Bulk
18-18-18	31617	18.45	18.87	18.63		99	CM	Bulk
18-18-18	31621	18.70	18.48	19.61		101	CM	Bulk
18-18-18	31624	18.83	18.99	18.92		101	CM	Bulk
19-13-09	31620	18.88	13.63	10.35		100	CM	Bulk
23-13-18	31618	22.65	13.26	19.92		100	CM	Bulk
24-15-15	31619	24.14	16.09	15.66		100	CM	Bulk
30-09-12	31625	29.51	9.27	14.02		100	CM	Bulk
32-23-00	31623	31.52	22.24	0.00		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
FARMERS FERTILIZER CO.(KELLY RD) BOWLING GREEN KY 42101								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.02	98.73	106.17				
ALL SAMPLES,CV %		3.93	2.72	4.37				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
FARMERS FERTILIZER CO.(NASH. RD) BOWLING GREEN KY 42101								
14-35-13	32017	13.62	34.90	14.97		100	CM	Bulk
18-13-09	32023	17.42	13.04	10.03		98	CM	Bulk
18-18-18	32015	19.50	18.53	18.35		101	CM	Bulk
25-18-12	32014	24.97	17.23	13.97		100	CM	Bulk
25-18-12	32016	24.63	17.38	14.77		101	CM	Bulk
25-18-12	32022	25.44	18.37	12.91		101	CM	Bulk
30-11-10	32020	30.85	11.10	11.56		101	CM	Bulk
31-10-10	32019	31.57	9.87	12.14		102	CM	Bulk
34-06-08	32018+	34.36	6.70	9.15		101	CM	Bulk
34-06-08	32021+	34.68	5.80	9.71		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.11	96.60	109.86				
ALL SAMPLES,CV %		2.72	4.05	5.32				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041								
00-00-29	32438+	0.00	0.00	29.94		102	CM	Bulk
00-00-51	31456	0.00	0.00	52.33		103	Mat	Bulk
00-00-61	31120	0.00	0.00	60.60		99	Mat	Bulk
00-00-61	31123	0.00	0.00	62.54		103	Mat	Bulk
04-12-12	32181	4.61	12.64	11.88		97	CM	Bulk
07-18-18	32179	7.24	18.58	17.57		99	CM	Bulk
09-09-09	32440	9.02	9.10	9.20		99	CM	Bulk
11-52-00	32617	11.68	53.63	0.00		104	Mat	Bulk
18-46-00	31117	17.90	46.31	0.00		100	Mat	Bulk
18-46-00	31118	17.90	46.25	0.00		100	Mat	Bulk
18-46-00	31124	17.72	46.09	0.00		100	Mat	Bulk
19-19-19	32177	19.05	20.22	18.52		99	CM	Bulk
19-19-19	32180	19.15	19.28	19.54		99	CM	Bulk
19-19-19	32426	18.89	19.70	19.48		99	CM	Bulk
19-19-19	32619	18.98	19.36	19.12		98	CM	Bulk
20-12-15	32439	20.36	13.01	16.28		101	CM	Bulk
32-06-10	32618+	31.72	7.12	10.14		99	CM	Bulk
34-00-00	31121	33.53	0.00	0.00		100	Mat	Bulk
34-00-00	31122	33.40	0.00	0.00		100	Mat	Bulk
46-00-00	31119	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31125	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.16	101.04	99.48				
ALL SAMPLES,CV %		2.45	1.6	2.77				
NUMBER OF ANALYSIS		17	13	13				
Deficiency Rate = 0.00 %								
-----								
FOXFARM SOIL & FERTILIZER COMPANY ARCATA CA 93518								
05-08-04	31478+	6.88	10.20	4.18		126	Blend	Bag
-----								
FREE FLOW FERTILIZER CO. MAUMEE OH 43537								
21-00-07	33027	21.55	0.00	6.66		101	Blend	Bag
-----								
FRIT INDUSTRIES OZARK AL 36361								
00-00-00	30186+	0.00	0.00	0.00			Mnfr	Bag
00-00-00	31263+	0.00	0.00	0.00			Mat	Bag
00-00-00	32774+	0.00	0.00	0.00			Mat	Bag
-----								
GENERAL HYDROPONICS SEBASTOPOL CA 95473								
00-05-04	32980+	0.00	5.63	3.65		103	Mnfr	Liq
-----								
GREEN LIGHT A VALENT USA CO WALNUT CREEK CA 94596								
12-55-06	31186	11.76	55.53	6.10		100	Blend	Bag
12-55-06	31268	12.03	54.28	5.74		99	Mnfr	Bag
12-55-06	32375+	11.95	54.57	6.08		99	Blend	Bag
-----								
GREEN RIVER FEED MILL MORGANTOWN KY 42261								
19-19-19	32315	19.34	19.18	19.50		100	CM	Bulk
19-19-19	32316	18.39	19.42	21.05		101	CM	Bulk
19-19-19	32526	17.42 *	19.06	22.20		100	CM	Bulk
20-21-16	32829	19.51	20.46	18.45		100	CM	Bulk
24-00-12	32616	26.11	0.00	13.89		109	CM	Bulk
25-14-15	32151	23.32 *	14.47	18.62		100	CM	Bulk
25-14-15	32527	24.55	15.26	15.88		100	CM	Bulk
28-13-12	32826	28.07	13.58	12.12		99	CM	Bulk
28-13-12	32827	27.92	13.97	12.58		100	CM	Bulk
28-13-12	32830	27.46	12.60	13.13		98	CM	Bulk
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.47	99.84	106.93				
ALL SAMPLES,CV %		4.85	3.52	8.26				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 20.00 %								
-----								
GREENPOINT AG HARDINSBURG KY 40143								
00-00-50	32750	0.00	0.00	51.29		103	Mat	Bulk
00-00-50	32751	0.00	0.00	51.54		103	Mat	Bulk
00-00-60	30448	0.00	0.00	63.69		106	Mat	Bulk
00-00-60	30843	0.00	0.00	60.93		102	Mat	Bulk
08-20-33	30449	7.25	19.07	34.51		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
GREENPOINT AG HARDINSBURG KY 40143								
08-21-32	30451	7.97	20.26	33.81		100	CM	Bulk
08-21-32	30452	8.04	20.63	33.15		100	CM	Bulk
08-22-30	32752	9.04	22.30	30.34		100	CM	Bulk
09-23-30	30450	8.99	21.84	31.51		100	CM	Bulk
12-33-16	32753	13.13	32.75	16.84		100	CM	Bulk
18-46-00	30446	17.87	45.70	0.00		99	Mat	Bulk
18-46-00	30840	17.75	46.56	0.00		100	Mat	Bulk
18-46-00	30842	18.06	47.07	0.00		102	Mat	Bulk
19-19-19	32754	18.93	18.83	20.32		100	CM	Bulk
19-19-19	32755	19.46	18.96	19.66		100	CM	Bulk
25-06-17	32757	24.89	6.73	18.51		100	CM	Bulk
33-21-00	32756	33.56	21.93	0.00		102	CM	Bulk
34-00-00	30839	33.77	0.00	0.00		99	Mat	Bulk
46-00-00	30447	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	30841	45.86	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.92	98.47	103.27				
ALL SAMPLES,CV %		2.22	2.67	1.85				
NUMBER OF ANALYSIS		16	13	13				
Deficiency Rate = 0.00 %								
GRIFFIN INDUSTRIES LLC COLD SPRING KY 41076-1821								
05-06-06	33050+	7.02	7.46	5.04 *		117	Mnfr	Bag
08-03-05	33054+	9.87	3.07	4.34 *		110	Mnfr	Bag
08-05-05	33051+	8.42	6.47	8.47		126	Mnfr	Bag
10-00-08	33049+	10.46	0.00	9.69		111	Mnfr	Bag
10-02-08	33055+	9.58	2.92	8.09		102	Mnfr	Bag
12-02-06	33057+	11.96	2.87	5.84		102	Mnfr	Bag
13-00-00	33056+	13.84	0.00	0.00		106	Mnfr	Bag
21-03-07	30026+	22.50	4.37	6.48		108	Blend	Bag
21-03-07	33053+	21.94	5.75	7.17		110	Mnfr	Bag
27-00-02	33052+	27.83	0.00	3.73		107	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		109.01	140.41	115.67				
ALL SAMPLES,CV %		12.02	19.56	32.1				
NUMBER OF ANALYSIS		10	7	9				
Deficiency Rate = 20.00 %								
GRO TEC INC. MADISON GA 30650-1821								
06-10-10	30002	6.02	10.66	10.49		104	Blend	Bag
06-10-10	31126	6.01	9.68	9.62		98	Blend	Bag
09-12-12	31127	8.85	11.97	13.77		104	Blend	Bag
09-12-12	31446	9.21	11.66	12.33		101	Blend	Bag
10-00-10	31139	7.63 *	0.00	9.49		84 *	Blend	Bag
10-00-10	31465	10.67	0.00	10.63		107	Blend	Bag
10-10-10	31386	10.29	9.41	10.21		100	Blend	Bag
10-10-10	31451	9.84	9.97	9.41		97	Blend	Bag
12-05-07	33091	13.97	5.47	7.08		111	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
GRO TEC INC. MADISON GA 30650-1821								
12-10-10	31092+	12.24	10.79	10.33		104	Blend	Bag
12-10-10	31410+	12.59	9.82	10.09		102	Blend	Bag
12-10-10	31609+	12.39	10.40	9.99		103	Mnfr	Bag
12-10-10	32506+	11.34	10.82	10.65		101	Mnfr	Bag
13-00-13	31114	12.74	0.00	13.73		101	Blend	Bag
13-00-13	31140	10.78 *	0.00	10.90 *		83 *	Blend	Bag
13-00-13	31344	12.95	0.00	12.53		98	Blend	Bag
13-00-13	31405	12.07	0.00	11.96 *		92 *	Blend	Bag
15-03-03	31390	17.69	4.61	4.93		127	Mnfr	Bag
18-24-06	31283+	18.05	23.03	6.38		99	Blend	Bag
18-24-06	31340+	18.20	23.19	6.82		101	Blend	Bag
18-24-06	31408+	18.42	23.12	6.75		101	Blend	Bag
18-24-06	32203+	18.12	24.77	6.70		103	Blend	Bag
24-08-16	31407+	24.73	8.39	16.16		103	Mnfr	Bag
24-08-16	31449+	25.95	8.46	12.78 *		100	Mnfr	Bag
28-00-04	30022	27.31	0.00	4.25		98	Blend	Bag
29-00-05	30008+	29.19	0.00	5.96		103	Blend	Bag
29-00-05	30021+	28.82	0.00	4.86		99	Blend	Bag
29-00-05	31236+	29.31	0.00	4.99		101	Blend	Bag
29-00-05	32630+	30.94	0.00	4.67		105	Blend	Bag
30-00-03	31237	29.18	0.00	2.99		97	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.53	104.35	103.68				
ALL SAMPLES,CV %		7.76	12.69	13.77				
NUMBER OF ANALYSIS		30	18	30				
Deficiency Rate = 13.33 %								
-----								
GROW MORE INC GARDENA CA 90248								
05-01-05	32982+	6.72	2.77	6.23		141	Mnfr	Bag
-----								
HANCOCK COUNTY FARM HAWESVILLE KY 42348								
00-00-50	32364	0.00	0.00	51.42		103	Mat	Bulk
00-00-60	32363	0.00	0.00	60.00		100	Mat	Bulk
12-15-15	32795	13.37	15.23	15.93		102	CM	Bulk
12-15-15	32796	13.28	15.62	15.45		101	CM	Bulk
18-46-00	32360	17.98	46.51	0.00		101	Mat	Bulk
18-46-00	32361	17.92	46.47	0.00		100	Mat	Bulk
23-13-18	32793	23.94	14.39	17.42		100	CM	Bulk
23-13-18	32794	23.64	13.95	17.98		100	CM	Bulk
28-00-22	32784	29.21	0.00	24.13		104	CM	Bulk
28-11-13	32785	29.04	12.16	13.37		102	CM	Bulk
29-11-11	32786	30.50	12.07	12.01		103	CM	Bulk
29-11-11	32788	30.04	11.78	11.86		101	CM	Bulk
29-11-11	32789	30.81	11.20	11.93		102	CM	Bulk
29-11-11	32791	29.93	11.76	12.18		101	CM	Bulk
29-11-11	32792	29.47	12.59	12.11		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
HANCOCK COUNTY FARM HAWESVILLE KY 42348								
Statistical Analysis for Grade : 29-11-11								
Number of Samples This Grade : 5								
Average Analysis :		30.15	11.88	12.02		101.5		
CV, %		1.72	4.27	1.08				
29-12-11	32787	30.47	12.00	11.66		102	CM	Bulk
46-00-00	32362	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.06	101.53	102.01				
ALL SAMPLES, CV %		1.44	2.8	2.36				
NUMBER OF ANALYSIS		15	13	14				
Deficiency Rate = 0.00 %								
-----								
HELENA CHEMICAL CO (SHARON) SHARON TN 38369								
10-20-26	32863+	9.71	18.46 *	29.43		101	CM	Bulk
-----								
HELENA CHEMICAL COMPANY (CADIZ) CADIZ KY 42211								
02-01-01	32702+	5.17	3.55	2.26		240	CM	Liq
-----								
HELENA CHEMICAL COMPANY (COL) COLLIERVILLE TN 38017								
00-00-00	31191+	0.00	0.00	0.00			Blend	Liq
00-00-00	32621+	0.00	0.00	0.00			Blend	Liq
00-00-00	33086+	0.00	0.00	0.00			Mat	Liq
00-00-15	33085	0.00	0.00	15.13		101	Mat	Liq
00-00-60	30108	0.00	0.00	60.33		101	Mat	Bulk
00-00-60	31293	0.00	0.00	59.69		99	Mat	Bulk
08-24-04	31190	8.73	23.71	4.23		103	Blend	Liq
08-24-04	32284	8.89	23.55	4.20		103	Blend	Liq
11-08-05	32622+	10.96	7.77	5.19		100	Blend	Liq
11-08-05	33087+	11.01	7.21	5.14		98	Blend	Liq
18-46-00	30106	17.80	45.74	0.00		99	Mat	Bulk
18-46-00	30107	17.71	46.17	0.00		100	Mat	Bulk
18-46-00	31294	18.13	45.88	0.00		100	Mat	Bulk
21-00-00	31295+	21.45	0.00	0.00		102	Mat	Bulk
25-00-00	32561+	24.49	0.00	0.00		98	Mnfr	Liq
25-00-00	32620+	24.40	0.00	0.00		98	Mnfr	Liq
25-00-00	32900+	25.75	0.00	0.00		103	Blend	Liq
32-00-00	32623	31.64	0.00	0.00		99	Mat	Liq
34-00-00	31296	34.50	0.00	0.00		101	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.47	97.66	102.61				
ALL SAMPLES, CV %		4.13	3.6	2.32				
NUMBER OF ANALYSIS		13	7	7				
Deficiency Rate = 0.00 %								
-----								
HELENA CHEMICAL COMPANY (HICK) HICKMAN KY 42050								
04-10-20	30262	4.70	11.04	22.23		106	CM	Bulk
04-10-20	30263	5.08	11.97	22.18		110	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
HELENA CHEMICAL COMPANY (HICK)		HICKMAN KY		42050				
06-09-12	30358+	7.03	10.11	13.88		109	CM	Bulk
06-10-13	30357+	7.18	10.42	13.23		105	CM	Bulk
06-10-19	30356+	6.64	9.60	20.10		102	CM	Bulk
06-15-40	30353	5.58	14.65	41.26		100	CM	Bulk
07-19-34	32455+	8.08	22.05	31.05 *		99	CM	Bulk
08-13-32	31977+	8.57	14.70	32.17		101	CM	Bulk
09-17-27	31978+	9.67	19.48	25.63 *		100	CM	Bulk
10-21-24	32461+	10.16	20.72	24.82		99	CM	Bulk
19-13-17	32456	18.73	13.97	16.18		99	CM	Bulk
19-13-17	32457	19.49	13.04	14.72 *		97 *	CM	Bulk
19-13-17	32458	19.00	12.60	18.29		101	CM	Bulk
19-13-17	32459	18.74	13.64	17.21		100	CM	Bulk
19-13-17	32460	19.40	13.92	15.34 *		99	CM	Bulk
Statistical Analysis for Grade : 19-13-17								
Number of Samples This Grade : 5								
Average Analysis :		19.07	13.43	16.35		99.1		
CV, %		1.88	4.43	8.77				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.14	103.56	99.52				
ALL SAMPLES,CV %		8.12	5.38	7.02				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate = 26.67 %								
-----								
HELENA CHEMICAL COMPANY (OBOR)		OWENSBORO KY		42303				
20-00-00	31378+	20.32	0.00	0.00		99	Mat	Bulk
-----								
HENRY FARMERS COOP		MURRAY KY		42071				
00-00-60	30069	0.00	0.00	59.72		100	Mat	Bulk
01-05-10	30315+	1.78	5.14	10.64		107	CM	Bulk
04-11-15	30317	5.07	11.70	17.25		106	CM	Bulk
04-12-15	30316	5.48	13.30	16.59		109	CM	Bulk
09-22-29	31884+	8.27	22.78	30.66		102	CM	Bulk
09-23-30	31879	9.19	23.87	30.05		102	CM	Bulk
09-23-30	31880	8.19	21.92	31.54		99	CM	Bulk
12-13-29	31882+	12.21	13.24	28.22		100	CM	Bulk
12-13-29	31883+	11.80	13.30	29.08		100	CM	Bulk
13-15-26	31885	12.96	15.31	26.45		99	CM	Bulk
16-09-23	31881+	15.79	9.69	22.75		99	CM	Bulk
17-14-19	31887	20.20	15.33	15.38 *		101	CM	Bulk
18-13-17	30545	18.43	13.20	17.88		101	CM	Bulk
18-13-18	31886	18.52	13.59	17.58		99	CM	Bulk
18-46-00	30066	17.67	45.60	0.00		99	Mat	Bulk
18-46-00	30068	17.62	45.79	0.00		99	Mat	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
HENRY FARMERS COOP MURRAY KY 42071								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.66	101.35	100.70				
ALL SAMPLES,CV %		18.54	3.85	6.72				
NUMBER OF ANALYSIS		15	15	14				
Deficiency Rate = 6.25 %								
HENRY FARMERS COOP PARIS TN 38242								
00-00-60	30546	0.00	0.00	61.12		102	Mat	Bulk
00-00-60	30550	0.00	0.00	61.79		103	Mat	Bulk
18-46-00	30547	17.67	45.73	0.00		99	Mat	Bulk
32-00-00	31888	31.78	0.00	0.00		99	Mat	Liq
34-00-00	30548	33.38	0.00	0.00		100	Mat	Bulk
34-00-00	30549	33.62	0.00	0.00		100	Mat	Bulk
HILANDER FEED COMPANY GEORGETOWN KY 40324								
00-00-50	32576	0.00	0.00	51.04		102	Mat	Bulk
08-00-18	32739	8.98	0.00	19.17		101	CM	Bulk
21-00-18	32575	18.83 *	0.00	23.72		106	CM	Bulk
23-00-18	32347	23.67	0.00	19.17		102	CM	Bulk
23-00-18	32353	24.23	0.00	18.60		102	CM	Bulk
34-00-00	31462	34.19	0.00	0.00		101	Mat	Bulk
34-00-00	31463	34.41	0.00	0.00		101	Mat	Bulk
INFINITY FERTILIZERS INC MILAN IL 61264								
10-12-12	31399+	10.44	11.54	12.20		101	Blend	Bag
12-06-06	31480+	15.56	5.82	5.55		115	Mnfr	Bag
18-24-06	30993+	18.45	24.88	6.82		104	Blend	Bag
18-24-06	31008+	18.28	25.25	6.42		104	Blend	Bag
18-24-06	31115+	18.15	23.84	6.99		102	Blend	Bag
18-24-06	32513+	18.42	24.38	6.97		104	Blend	Bag
20-20-20	31185+	19.30	24.18	18.15 *		102	Blend	Bag
20-20-20	31238+	19.27	20.42	20.54		100	Blend	Bag
20-20-20	31269+	19.75	21.71	18.96		100	Blend	Bag
20-20-20	32374+	20.45	19.77	21.73		103	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.51	103.34	104.44				
ALL SAMPLES,CV %		9.23	7	9.17				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
INVICTIS CROP CARE LLC WINDSOR CO 80550								
10-20-05	32100+	10.06	18.97	5.61		99	Mnfr	Liq
INSTA-GRO MANUFACTURING, INC. CALEDONIA OH 43314								
09-18-09	32582	8.73	17.09	8.84		96 *	Blend	Liq
J. R. PETERS ALLENTOWN PA 18106								
12-36-14	33032+	12.76	36.34	18.73		109	Mnfr	Bag
JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728								
00-00-60	30678	0.00	0.00	60.64		101	Mat	Bulk
00-00-60	30679	0.00	0.00	60.91		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728								
08-22-29	32802+	8.84	22.50	29.55		100	CM	Bulk
08-22-29	32803+	8.53	21.73	30.38		99	CM	Bulk
16-08-21	32808	17.40	9.72	20.67		104	CM	Bulk
18-46-00	30680	17.84	46.35	0.00		100	Mat	Bulk
18-46-00	30681	17.66	45.91	0.00		99	Mat	Bulk
19-01-32	32800+	18.65	1.78	32.42		99	CM	Bulk
19-19-19	32336	19.31	19.58	18.53		99	CM	Bulk
19-19-19	32539	18.98	20.16	19.26		100	CM	Bulk
19-19-19	32804	18.67	19.53	20.22		100	CM	Bulk
23-03-13	32805	23.84	4.86	12.78		101	CM	Bulk
23-16-15	32807	23.64	17.28	16.16		101	CM	Bulk
23-16-16	32801	24.03	17.86	15.31		102	CM	Bulk
46-00-00	30682	45.93	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.23	104.67	99.75				
ALL SAMPLES,CV %		2.78	8.63	3.49				
NUMBER OF ANALYSIS		13	12	12				
Deficiency Rate = 0.00 %								
-----								
JIMMY SANDERS (BG) BOWLING GREEN KY 42104								
05-13-14	30461	6.54	14.91	15.36		109	CM	Bulk
05-13-14	30462	6.58	14.51	14.75		106	CM	Bulk
05-13-17	30454	5.97	13.92	17.30		106	CM	Bulk
05-13-17	30455	6.21	13.45	18.51		109	CM	Bulk
05-14-14	30463	6.25	14.09	14.84		102	CM	Bulk
07-18-35	30280	7.51	18.38	36.01		101	CM	Bulk
07-18-36	30281	7.69	17.83	36.83		101	CM	Bulk
09-23-30	30282	9.33	22.51	29.85		100	CM	Bulk
15-00-33	32135+	16.84	0.00	31.96		101	CM	Bulk
16-20-21	32012	15.94	22.35	21.97		101	CM	Bulk
16-20-21	32013	16.58	21.27	22.09		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		110.48	102.34	101.61				
ALL SAMPLES,CV %		7.93	3.71	3.06				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 0.00 %								
-----								
JIMMY SANDERS (HART) HARTFORD KY 42347								
00-00-22	32371+	0.00	0.00	21.99		100	Mat	Bulk
00-00-60	32368	0.00	0.00	59.74		100	Mat	Bulk
00-00-60	32369	0.00	0.00	59.21		99	Mat	Bulk
07-18-28	30505	7.38	18.30	28.80		102	CM	Bulk
09-23-30	30203	9.27	22.91	30.19		101	CM	Bulk
09-23-30	30204	9.39	22.63	30.13		100	CM	Bulk
09-23-30	32758	9.29	22.58	30.05		100	CM	Bulk
09-23-30	32759	8.78	22.93	30.09		100	CM	Bulk
09-23-30	32760	8.97	23.48	29.36		100	CM	Bulk
09-23-30	32761	9.07	23.25	29.33		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
JIMMY SANDERS (HART) HARTFORD KY 42347								
09-23-30	32762	8.91	22.81	30.05		100	CM	Bulk
09-23-30	32763	8.97	23.44	29.16		99	CM	Bulk
09-23-30	32764	9.13	23.40	29.23		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 9								
Average Analysis :		9.09	23.05	29.73		99.8		
CV, %		2.21	1.53	1.49				
12-40-00	32370+	11.51	42.52	0.00		103	Mat	Bulk
18-46-00	31062	17.79	46.13	0.00		100	Mat	Bulk
18-46-00	32367	17.73	45.99	0.00		99	Mat	Bulk
20-00-06	31468+	20.11	0.00	6.26		101	Blend	Liq
21-00-00	32365+	20.91	0.00	0.00		100	Mat	Bulk
46-00-00	32366	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.31	100.61	99.81				
ALL SAMPLES,CV %		2.21	2.11	2.02				
NUMBER OF ANALYSIS		16	13	14				
Deficiency Rate = 0.00 %								
-----								
JIMMY SANDERS (MAY-AL) MAYFIELD KY 42066								
00-00-60	30034	0.00	0.00	61.11		102	Mat	Bulk
00-00-60	30605	0.00	0.00	61.55		103	Mat	Bulk
00-00-60	30927	0.00	0.00	61.00		102	Mat	Bulk
00-00-60	30928	0.00	0.00	61.36		102	Mat	Bulk
00-00-60	30929	0.00	0.00	60.79		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 5								
Average Analysis :		0.00	0.00	61.16		101.9		
CV, %		0	0	0.49				
05-14-18	30397	7.19	13.86	20.02		107	CM	Bulk
05-15-19	30398	6.59	14.88	19.84		102	CM	Bulk
07-18-24	30180	7.20	18.53	25.39		101	CM	Bulk
08-22-30	31981	8.89	24.03	29.25		100	CM	Bulk
08-22-30	31982	8.65	23.13	30.41		100	CM	Bulk
08-22-30	31984	8.78	22.71	31.13		101	CM	Bulk
08-22-30	31985	9.13	24.26	28.90		100	CM	Bulk
09-23-30	30396	9.06	22.80	31.27		102	CM	Bulk
09-23-30	30399	8.96	22.87	30.94		101	CM	Bulk
09-23-30	30400	8.94	22.74	31.77		102	CM	Bulk
18-46-00	30032	17.69	45.66	0.00		99	Mat	Bulk
18-46-00	30033	17.65	46.58	0.00		100	Mat	Bulk
18-46-00	30606	17.96	45.72	0.00		100	Mat	Bulk
18-46-00	30924	17.56	45.06	0.00		98	Mat	Bulk
18-46-00	30925	17.71	44.99	0.00		98	Mat	Bulk
18-46-00	30926	17.72	44.91	0.00		98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
JIMMY SANDERS (MAY-AL) MAYFIELD KY 42066								
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 6								
Average Analysis :		17.72	45.49	0.00		98.7		
CV, %		0.75	1.4	0				
20-12-16	31983	20.06	13.02	15.96		99	CM	Bulk
21-00-00	30604+	20.27	0.00	0.00		96 *	Mat	Bulk
34-00-00	30930	33.50	0.00	0.00		99	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.93	99.82	101.85				
ALL SAMPLES,CV %		7.39	2.36	3.1				
NUMBER OF ANALYSIS		19	17	16				
Deficiency Rate = 4.17 %								
-----								
JIMMY SANDERS (RUSS) RUSSELLVILLE KY 42276								
23-13-10	31325+	23.35	13.18	11.18		100	CM	Bulk
23-13-10	31326+	23.54	13.08	11.19		100	CM	Bulk
23-13-10	31327+	23.70	13.42	11.00		101	CM	Bulk
23-13-10	31328+	23.96	13.09	10.76		101	CM	Bulk
23-13-10	31329+	23.78	13.14	10.65		100	CM	Bulk
23-13-10	31330+	23.93	12.97	11.08		101	CM	Bulk
23-13-10	31332+	23.86	12.53	10.99		100	CM	Bulk
23-13-10	31333+	23.94	13.11	10.92		101	CM	Bulk
23-13-10	31334+	23.63	13.14	10.36		99	CM	Bulk
23-13-10	31335+	23.59	13.04	10.89		100	CM	Bulk
23-13-10	31336+	23.58	14.54	10.34		102	CM	Bulk
23-13-10	31337+	23.86	13.42	10.53		101	CM	Bulk
Statistical Analysis for Grade : 23-13-10								
Number of Samples This Grade : 12								
Average Analysis :		23.73	13.22	10.82		100.5		
CV, %		0.81	3.57	2.74				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.01	99.16	103.72				
ALL SAMPLES,CV %		0.81	3.57	2.74				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								
-----								
JIMMY SANDERS (WING) WINGO KY 42088								
00-00-60	30109	0.00	0.00	60.64		101	Mat	Bulk
18-14-17	32467	18.32	14.75	17.55		99	CM	Bulk
18-14-17	32468	18.00	14.80	17.83		99	CM	Bulk
18-46-00	30110	18.13	46.66	0.00		101	Mat	Bulk
18-46-00	30111	18.14	46.42	0.00		101	Mat	Bulk
21-12-13	32703	22.38	12.63	12.43		100	CM	Bulk
21-12-13	32704	21.88	12.92	12.79		100	CM	Bulk
21-12-13	32705	21.80	12.65	13.11		100	CM	Bulk
21-12-13	32706	21.89	13.09	13.69		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
JIMMY SANDERS (WING) WINGO KY 42088								
-----								
JON CARLOFTIS LEXINGTON KY 40502								
02-02-04	32979+	2.72	3.52	5.18		142	Mnfr	Liq
-----								
KEES FARM SERVICE & SUPPLY LLC GRAYSON KY 41143								
00-00-50	32610	0.00	0.00	49.55		99	Mat	Bulk
00-00-60	32607	0.00	0.00	60.26		100	Mat	Bulk
18-09-10	32742	18.38	9.51	10.58		102	CM	Bulk
18-09-10	32743	18.85	9.87	9.41		102	CM	Bulk
18-10-09	32744	19.30	11.54	9.18		104	CM	Bulk
18-10-09	32745	18.39	11.53	9.14		101	CM	Bulk
18-10-09	32746	18.16	11.38	9.24		100	CM	Bulk
18-10-09	32747	18.61	11.11	9.57		102	CM	Bulk
18-46-00	32608	18.05	45.17	0.00		99	Mat	Bulk
19-19-19	32741	19.80	19.41	18.74		100	CM	Bulk
19-19-19	32963	19.38	19.88	18.52		99	CM	Bulk
46-00-00	32609	46.05	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.89	102.23	98.09				
ALL SAMPLES,CV %		2.05	2.32	3.39				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
-----								
KENTUCKY FERTILIZER (WINCH) WINCHESTER KY 40391								
00-00-50	32902	0.00	0.00	51.00		102	Mat	Bulk
00-00-60	31369	0.00	0.00	61.36		102	Mat	Bulk
05-10-10	31133	5.14	10.96	10.41		106	Blend	Bag
05-10-10	33078	5.63	10.61	11.20		110	Blend	Bag
05-10-15	31215	5.62	9.37	14.82		100	Blend	Bag
05-10-15	33068	6.03	11.81	14.84		108	Blend	Bag
05-20-20	30586	7.95	20.39	20.94		112	Blend	Bag
05-20-20	33066	7.93	19.89	19.51		108	Blend	Bag
06-12-12	31131	5.93	12.39	12.72		103	Blend	Bag
06-12-12	31491	6.69	11.83	11.85		102	Blend	Bag
06-12-12	32970	6.64	12.36	13.03		107	Blend	Bag
06-24-24	31474	10.55	25.64	20.80 *		108	Blend	Bag
09-09-09	32636	9.62	9.04	8.95		97	CM	Bulk
09-18-27	32565	9.14	18.99	26.83		101	Blend	Bulk
09-18-27	33064	9.60	17.40	27.83		102	Blend	Bag
09-23-30	32869	8.89	22.62	30.64		100	CM	Bulk
09-23-30	32872	9.17	23.55	29.71		101	CM	Bulk
10-10-10	31010	9.53	10.36	10.83		102	Blend	Bag
10-10-10	31129	9.49	10.50	9.96		99	Blend	Bag
10-10-10	31460	10.57	9.23	11.68		105	Blend	Bag
10-10-10	31475	10.68	11.03	10.62		108	Blend	Bag
10-10-10	31492	9.77	9.86	9.53		97	Blend	Bag
10-10-10	32326	9.55	9.96	10.48		99	Blend	Bag
10-10-10	32543	9.47	10.81	9.68		99	Blend	Bag
10-10-10	32564	10.11	9.86	10.48		102	Blend	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
KENTUCKY FERTILIZER (WINCH) WINCHESTER KY 40391								
10-10-10	32568	10.63	10.72	10.27		105	Blend	Bag
10-10-10	32613	10.74	11.38	10.98		110	Blend	Bag
10-10-10	32638	9.70	10.69	10.92		103	Blend	Bag
10-10-10	32657	11.33	12.69	10.17		114	Blend	Bag
10-10-10	32969	10.69	10.74	10.16		105	Blend	Bag
10-10-10	33079	10.23	11.63	11.47		110	Blend	Bag
10-10-10	33106	10.23	11.14	11.47		109	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 15								
Average Analysis :		10.18	10.71	10.58		104.5		
CV, %		5.7	7.84	6.13				
10-20-10	32971	9.73	19.88	9.48		98	Blend	Bag
10-20-20	31132	9.86	19.76	20.03		99	Blend	Bag
10-20-20	32639	10.01	19.76	21.09		102	Blend	Bulk
10-20-20	32640	10.41	19.82	20.05		101	Blend	Bulk
10-20-20	33076	10.18	20.71	20.75		103	Blend	Bag
11-08-12	32868	12.34	8.47	12.15		102	CM	Bulk
12-12-12	32637	11.44	12.47	13.02		102	Blend	Bag
12-12-12	33080	11.23	11.88	13.00		100	Blend	Bag
14-14-14	32544+	13.49	14.07	15.56		102	Blend	Bag
14-32-11	32972	14.23	32.56	10.67		101	Blend	Bag
15-15-15	32615	15.66	15.99	15.92		106	Blend	Bag
15-15-15	32973	14.95	15.40	14.74		100	Blend	Bag
15-30-15	33072	15.06	30.70	15.49		102	Blend	Bag
15-30-15	33075	15.26	30.87	15.54		103	Blend	Bag
16-14-21	32876	16.57	13.88	20.56		97	CM	Bulk
16-27-14	33070	16.15	27.37	14.65		102	Blend	Bag
18-24-12	30919+	17.53	24.08	11.14		98	Blend	Bag
18-46-00	31368	17.71	45.45	0.00		99	Mat	Bulk
18-46-00	33083	17.99	45.34	0.00		99	Blend	Bag
19-19-19	30587	18.69	19.83	20.44		103	Blend	Bag
19-19-19	31009	18.26	21.61	19.21		103	Blend	Bag
19-19-19	31130	16.99 *	19.23	17.65 *		94 *	Blend	Bag
19-19-19	31461	19.64	19.72	20.19		104	Blend	Bag
19-19-19	31470	19.54	16.88 *	18.97		98	Blend	Bulk
19-19-19	32327	17.98	20.60	20.43		102	Blend	Bag
19-19-19	32563	19.09	18.81	21.35		104	Blend	Bulk
19-19-19	32641	17.76	20.50	21.59		104	Blend	Bag
19-19-19	32945	18.48	20.88	18.58		101	Blend	Bag
19-19-19	33063	19.64	18.45	19.29		101	Blend	Bag
19-19-19	33069	18.98	20.21	20.65		104	Blend	Bag
19-19-19	33073	20.40	19.69	18.67		104	Blend	Bag
19-19-19	33077	19.49	20.02	18.42		102	Blend	Bag
19-19-19	33107	19.67	19.58	19.95		104	Blend	Bag
19-19-19	33108	19.99	20.18	18.79		104	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 : 19-19-19								
Number of Samples This Grade : 15								
Average Analysis :		18.97	19.75	19.61		102.0		
CV, %		4.94	5.68	5.84				
19-35-08	33071	18.92	35.93	8.06		101	Blend	Bag
19-35-08	33082	18.51	34.40	8.26		99	Blend	Bag
20-12-18	32870	18.86 *	11.89	20.87		101	CM	Bulk
20-13-19	32871	20.03	14.19	19.28		99	CM	Bulk
22-20-00	33074	20.77	19.99	0.00		97 *	Blend	Bag
27-00-00	31429+	27.53	0.00	0.00		102	Mnfr	Bag
27-00-00	32064+	26.69	0.00	0.00		99	Mat	Bag
27-00-00	32472+	26.34	0.00	0.00		98	Mnfr	Bag
27-00-00	32810+	27.89	0.00	0.00		103	Mnfr	Bag
27-00-00	32931+	27.87	0.00	0.00		103	Mnfr	Bag
27-00-00	33065+	27.98	0.00	0.00		104	Blend	Bag
27-00-00	33081+	27.71	0.00	0.00		103	Blend	Bag
27-00-00	33096+	27.68	0.00	0.00		103	Mnfr	Bag
Statistical Analysis for Grade : 27-00-00								
Number of Samples This Grade : 8								
Average Analysis :		27.46	0.00	0.00		101.7		
CV, %		2.21	0	0				
27-13-13	33067	26.97	14.98	14.07		105	Blend	Bag
29-00-19	32873+	29.29	0.00	20.94		103	CM	Bulk
29-00-19	32874+	29.66	0.00	20.06		100	CM	Bulk
33-07-10	32875	33.53	7.43	9.84		99	CM	Bulk
46-00-00	31367	45.82	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.50	103.32	103.04				
ALL SAMPLES,CV %		12.67	6.04	5.72				
NUMBER OF ANALYSIS		82	71	72				
Deficiency Rate = 5.95 %								
KENTUCKY FERTILIZER LLC LOUISVILLE KY 40203								
00-20-20	31471	0.00	19.90	21.35		103	Blend	Bag
10-10-10	31472	11.63	11.32	9.67		110	Blend	Bag
18-46-00	32642	17.71	46.93	0.00		101	Mat	Bulk
KNOX FERTILIZER CO., INC. KNOX IN 46534								
10-10-10	30007	10.27	9.82	11.85		106	Blend	Bag
10-10-10	30059	11.60	9.34	12.20		111	Blend	Bag
10-10-10	30648	9.55	9.24	12.04		102	Blend	Bag
10-10-10	31014	11.40	10.76	10.57		110	Blend	Bag
10-10-10	31116	9.83	9.70	10.47		100	Blend	Bag
10-10-10	32497	9.98	10.67	10.42		103	Mnfr	Bag
10-10-10	33092	10.42	10.69	10.72		106	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
KNOX FERTILIZER CO., INC. KNOX IN 46534								
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 7								
Average Analysis :		10.44	10.03	11.18		105.3		
CV, %		7.5	6.61	7.2				
10-54-10	30647+	11.82	51.54 *	9.27		99	Blend	Bag
10-54-10	31012+	12.32	49.05 *	11.20		100	Mnfr	Bag
12-04-08	31015	12.48	5.00	8.33		107	Blend	Bag
12-12-12	30023	11.91	12.19	13.97		105	Blend	Bag
12-12-12	31184	11.71	11.12	13.91		102	Blend	Bag
15-30-15	31013+	21.32	25.93 *	13.00 *		104	Mnfr	Bag
24-08-16	31011+	24.10	7.50	15.09		98	Mnfr	Bag
24-08-16	31347+	28.17	7.88	14.16 *		107	Blend	Bag
24-08-16	32496+	24.38	7.55	14.95		98	Mnfr	Bag
27-00-03	31479	27.06	0.00	3.06		100	Blend	Bag
30-00-03	31109	31.02	0.00	3.06		103	Blend	Bag
34-00-00	33093	34.19	0.00	0.00		101	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.28	98.80	105.04				
ALL SAMPLES,CV %		10.93	9.37	10.43				
NUMBER OF ANALYSIS		19	16	18				
Deficiency Rate = 21.05 %								
LAKE CUMBERLAND FARMERS CO-OP MONTICELLO KY 42633								
07-19-23	31941	7.80	19.71	25.27		105	CM	Bulk
19-19-19	32484	18.79	19.38	19.97		100	CM	Bulk
19-19-19	32485	18.65	18.81	21.21		101	CM	Bulk
19-19-19	32486	19.98	20.70	18.81		102	CM	Bulk
21-00-21	33038	21.60	0.00	22.12		101	CM	Bulk
21-00-31	31947	20.70	0.00	33.24		100	CM	Bulk
24-09-21	32487	24.92	9.31	21.65		103	CM	Bulk
33-00-16	31942	32.22	0.00	18.28		100	CM	Bulk
34-00-00	30018	34.06	0.00	0.00		100	Mat	Bulk
46-00-00	30017	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.49	101.92	104.44				
ALL SAMPLES,CV %		3.32	3.56	4.07				
NUMBER OF ANALYSIS		10	5	8				
Deficiency Rate = 0.00 %								
LEBANON SEABOARD CORP LEBANON PA 17042								
10-18-10	30751	9.61	14.26 *	11.04		93 *	Blend	Bag
14-14-14	32954+	17.28	9.64 *	13.59		100	Mnfr	Bag
30-00-03	31229+	32.31	0.00	3.92		109	Blend	Bag
LESCO INC. CLEVELAND OH 44114-4114								
13-00-05	31404	12.88	0.00	5.87		103	Blend	Bag
14-14-14	31403+	13.52	13.07	15.50		100	Blend	Bag



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
LESCO INC.	CLEVELAND OH	44114-4114						
14-20-04	31402+	13.80	20.08	4.33		100	Blend	Bag
18-24-12	30210	16.96	22.57	13.55		98	Blend	Bag
24-00-11	30195+	22.46	0.00	12.07		98	Blend	Bag
32-00-08	30196+	31.27	0.00	8.82		100	Blend	Bag
-----								
LILLY MILLER BRANDS	WALNUT CREEK CA	94597						
10-05-04	31284+	9.76	5.27	3.48 *		97	Blend	Bag
10-05-04	31608+	9.57	5.52	3.88		99	Blend	Bag
10-10-10	30992+	10.03	10.61	9.80		101	Blend	Bag
15-30-15	30991	16.06	31.04	15.39		104	Blend	Bag
15-30-15	31091	15.06	29.33	16.02		101	Blend	Bag
-----								
LILLY MILLER BRANDS (ATL)	ATLANTA GA	30339						
05-01-01	31267+	5.32	2.05	0.02 *		105	Mnfr	Liq
-----								
LOUISVILLE & JEFFERSON COUNTY MSD	LOUISVILLE KY	40211						
05-03-00	33034	5.73	3.64	0.00		117	Mnfr	Bulk
05-03-00	33036	6.87	3.14	0.00		128	Mnfr	Bulk
-----								
LOVELAND PRODUCTS, INC.	GREELEY CO	80632						
00-00-50	32671	0.00	0.00	49.65		99	Mat	Bulk
05-10-15	31219	4.32 *	8.30 *	10.82 *		77 *	Blend	Bag
05-10-15	32090	3.81 *	8.19 *	14.13		88 *	Blend	Bag
05-20-20	30171	5.25	19.65	20.05		100	Blend	Bag
05-20-20	31177	4.93	19.39	19.83		98	Blend	Bag
05-20-20	32668	4.88	23.85	20.58		109	Blend	Bag
06-12-12	31424	5.85	11.84	11.84		98	Blend	Bag
06-20-00	32199+	5.99	20.09	0.00		100	Blend	Liq
06-20-00	32644+	6.29	19.52	0.00		100	Blend	Liq
06-24-24	30167	6.14	21.72 *	26.80		101	Blend	Bag
06-24-24	31565	6.10	24.20	24.19		101	Blend	Bag
07-17-03	30794+	7.04	16.53	3.07		99	Blend	Liq
07-17-03	32200+	7.10	16.83	3.06		100	Blend	Liq
07-24-04	31442+	7.86	24.01	4.19		104	Blend	Liq
07-24-04	31443+	7.05	23.50	3.85		98	Blend	Liq
09-18-27	32089	8.45	16.07 *	30.27		103	Blend	Bag
09-23-30	32085	8.78	24.73	28.79		100	Blend	Bag
10-10-10	31176	9.00 *	10.14	9.61		95 *	Blend	Bag
10-10-10	31217	8.85 *	7.85 *	9.10 *		86 *	Blend	Bag
10-10-10	31423	9.87	9.28	10.46		99	Blend	Bag
10-10-10	31567	13.39	9.79	10.42		115	Blend	Bag
10-10-10	32381	9.79	9.92	9.49		97	Blend	Bag
10-10-10	32635	9.25	9.90	10.94		99	Blend	Bag
10-10-10	32670	8.26 *	8.77 *	8.07 *		83 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 7								
Average Analysis :		9.77	9.38	9.73		96.5		
CV, %		17.27	8.74	10.04				
15-15-15	31566	14.56	15.04	15.25		99	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
LOVELAND PRODUCTS, INC. GREELEY CO 80632								
19-19-19	30019	18.72	18.57	19.41		99	Blend	Bag
19-19-19	30168	16.85 *	20.60	20.91		101	Blend	Bag
19-19-19	31175	17.79	19.29	19.23		98	Blend	Bag
19-19-19	31218	19.41	18.46	18.50		99	Blend	Bag
19-19-19	31422	19.63	19.28	19.17		102	Blend	Bag
19-19-19	31568	19.12	19.47	18.17		100	Blend	Bag
19-19-19	32084	18.94	19.68	19.89		102	Blend	Bag
19-19-19	32328	19.90	19.41	18.27		101	Blend	Bag
19-19-19	32669	17.96	20.97	18.93		101	Blend	Bag
19-19-19	32904	20.23	18.60	17.43 *		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 10								
Average Analysis :		18.85	19.43	18.99		100.4		
CV, %		5.58	4.28	5.16				
19-34-08	33084	19.41	34.50	7.55		101	Blend	Bag
24-00-00	30796	23.03	0.00	0.00		96 *	Blend	Liq
26-00-00	31414	26.17	0.00	0.00		101	Blend	Liq
30-10-10	32088	30.98	9.25	10.67		102	Blend	Bag
32-05-08	32901	29.51 *	4.90	11.70		100	Blend	Bag
35-00-00	32330+	34.78	0.00	0.00		99	Blend	Bag
35-00-00	32612	34.42	0.00	0.00		98	Blend	Bag
35-00-00	32614	34.42	0.00	0.00		98	Blend	Bag
35-00-00	32905	34.06	0.00	0.00		97	Mnfr	Bag
46-00-00	31178	46.20	0.00	0.00		100	Mat	Bag
46-00-00	32329	46.17	0.00	0.00		100	Mat	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.63	98.10	100.60				
ALL SAMPLES,CV %		8.48	7.81	10.93				
NUMBER OF ANALYSIS		45	37	36				
Deficiency Rate = 23.91 %								
-----								
MARSHALL COUNTY SOIL BENTON KY 42025								
21-15-20	31893	21.05	17.16	17.69 *		98	CM	Bulk
21-17-17	32311	21.33	18.15	18.75		102	CM	Bulk
21-17-17	32312	21.30	18.33	17.93		101	CM	Bulk
27-30-00	31892	26.72	30.98	0.00		99	CM	Bulk
-----								
MARTIN RESOURCES (IL) SENECA IL 61360								
00-00-00	31264+	0.00	0.00	0.00			Mat	Bulk
-----								
MATHIS FARM SUPP. MELBER KY 42069								
00-00-60	30183	0.00	0.00	59.99		100	Mat	Bulk
06-20-30	30415+	5.92	20.08	30.79		101	CM	Bulk
06-20-30	30416+	6.00	20.22	31.59		103	CM	Bulk
06-21-27	30417+	6.45	22.52	27.61		102	CM	Bulk
06-21-27	30471+	6.09	21.63	28.50		101	CM	Bulk
09-23-30	31774	8.96	23.16	31.26		102	CM	Bulk
09-23-30	31775	8.81	23.30	31.15		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
MATHIS FARM SUPP. MELBER KY 42069								
09-23-30	31778	8.87	23.05	29.93		100	CM	Bulk
12-40-00	30184+	11.95	40.44	0.00		101	Mnfr	Bulk
13-11-30	31772	13.31	11.92	30.65		103	CM	Bulk
13-11-30	31773	13.04	11.48	30.32		101	CM	Bulk
13-11-30	31776	11.90	11.94	31.70		101	CM	Bulk
13-11-30	31777	12.48	11.44	31.63		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.30	101.47	102.62				
ALL SAMPLES,CV %		2.99	1.73	2.25				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								
MAYSLICK MILL MAYSLICK KY 41055								
00-00-18	32429+	0.00	0.00	18.01		100	CM	Bulk
00-00-40	32433+	0.00	0.00	41.16		101	CM	Bulk
00-00-46	32432+	0.00	0.00	45.31 *		97 *	CM	Bulk
01-02-05	32427+	1.91	3.40	5.44		118	CM	Bulk
01-02-05	32428+	1.53	3.44	5.39		112	CM	Bulk
04-10-46	32431	4.40	10.96	46.64		101	CM	Bulk
05-13-35	32435+	5.81	13.95	33.86 *		99	CM	Bulk
07-20-34	32436	7.76	20.02	34.42		100	CM	Bulk
08-00-27	32967	8.22	0.00	27.70		97	CM	Bulk
11-29-21	32434	10.66	28.36	23.25		99	CM	Bulk
13-00-22	32966	12.98	0.00	22.91		100	CM	Bulk
13-00-22	32968	13.00	0.00	22.92		100	CM	Bulk
19-19-19	32425	18.90	19.84	19.56		99	CM	Bulk
21-15-20	32430	20.89	15.32	20.43		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		108.98	106.25	100.54				
ALL SAMPLES,CV %		24.59	10.65	2.86				
NUMBER OF ANALYSIS		11	8	14				
Deficiency Rate = 14.29 %								
MEIJER (GRAND) GRAND RAPIDS MI 49544								
09-09-06	31398	10.38	10.69	7.45		118	Blend	Bag
09-09-06	31481	10.47	9.18	8.27		117	Blend	Bag
MID STATES AG SALES LLC LAVERGNE TN 37086-1983								
00-00-60	30582	0.00	0.00	60.56		101	Mat	Bulk
00-00-60	30583	0.00	0.00	61.02		102	Mat	Bulk
18-46-00	30584	17.83	45.41	0.00		99	Mat	Bulk
18-46-00	30585	17.71	45.53	0.00		99	Mat	Bulk
18-46-00	30700	17.91	46.35	0.00		100	Mat	Bulk
MIRACLE GRO LAWN PRODUCTS MARYSVILLE OH 43041								
09-04-12	31136+	9.54	3.78	11.82		101	Blend	Bag
09-04-12	31189+	9.18	4.14	12.17		102	Blend	Bag
18-06-12	31448+	18.13	7.00	12.75		104	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MIRACLE GRO LAWN PRODUCTS MARYSVILLE OH 43041								
-----								
MONTY'S PLANT FOOD LOUISVILLE KY 40209								
04-05-02	32665	4.19	5.22	2.33		107	Blend	Liq
04-05-03	30057+	4.60	4.68	2.49 *		99	Blend	Liq
08-16-08	32976	8.90	16.89	8.81		108	Mnfr	Liq
-----								
MORRAL CO. MORRAL OH 43337								
30-00-04	30027+	29.38	0.00	3.67		97	Blend	Bag
-----								
MOSAIC CROP NUTRITION, LLC RIVERVIEW FL 33569								
00-00-22	30963+	0.00	0.00	21.42		97	Mat	Bulk
00-00-22	33047+	0.00	0.00	21.92		100	Mat	Bulk
00-00-59	32765+	0.00	0.00	59.97		102	Blend	Bulk
00-00-60	30150	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	30151	0.00	0.00	61.86		103	Mat	Bulk
00-00-60	30152	0.00	0.00	61.24		102	Mat	Bulk
12-40-00	30179+	11.78	40.56	0.00		101	Mat	Bulk
12-40-00	30790+	11.90	41.34	0.00		102	Mat	Bulk
12-40-00	30803+	12.12	41.69	0.00		103	Mat	Bulk
12-40-00	31054+	11.72	40.37	0.00		100	Mat	Bulk
12-40-00	31318+	11.14	41.94	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 12-40-00								
Number of Samples This Grade : 5								
Average Analysis :		11.73	41.18	0.00		101.4		
CV, %		3.11	1.68	0				
18-46-00	30153	17.93	45.69	0.00		99	Mat	Bulk
18-46-00	30154	17.89	46.15	0.00		100	Mat	Bulk
18-46-00	30155	17.95	45.99	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.44	101.80	100.81				
ALL SAMPLES,CV %		2.52	2.04	2.02				
NUMBER OF ANALYSIS		8	8	6				
Deficiency Rate = 0.00 %								
-----								
NACHURS ALPINE SOLUTIONS CORP MARION OH 43302-9989								
05-15-15	32666+	5.31	14.73	14.70		100	Blend	Liq
10-20-05	31065+	9.96	20.03	5.24		101	Mnfr	Liq
10-20-05	31467+	10.22	20.19	5.08		101	Blend	Liq
-----								
OLDFIELD, J.A. & SON MIZE KY 41352								
00-00-50	31272	0.00	0.00	48.99		98	Mat	Bulk
00-00-60	31276	0.00	0.00	58.94		98	Mat	Bulk
00-00-60	32723	0.00	0.00	59.90		100	Mat	Bulk
05-10-15	32658	4.53 *	8.66 *	13.52 *		89 *	Blend	Bag
05-10-15	32729	4.77	9.80	13.94 *		95 *	Blend	Bag
05-20-20	31279	8.20	20.86	19.55		110	Blend	Bag
05-20-20	32730	8.43	20.40	20.30		112	Blend	Bag
06-12-12	32731	6.15	12.32	12.74		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
OLDFIELD, J.A. & SON MIZE KY 41352								
09-18-27	32732	9.62	17.28	27.35		101	Blend	Bag
10-00-19	32734	12.37	0.00	19.39		108	CM	Bulk
10-10-10	31277	9.88	10.23	9.89		100	Blend	Bag
10-10-10	31281	10.07	10.57	9.93		102	Blend	Bag
10-10-10	32178	7.44 *	8.78 *	8.86 *		82 *	Blend	Bag
10-10-10	32656	9.69	10.15	9.33		97	Blend	Bag
10-10-10	32728	11.71	10.35	10.54		110	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 5								
Average Analysis :		9.76	10.02	9.71		98.2		
CV, %		15.63	7.1	6.59				
12-00-20	32722	14.06	0.00	19.38		104	CM	Bulk
12-12-12	31280	11.67	12.06	11.39		97	Blend	Bag
12-12-12	32727	11.83	12.02	11.57		98	Blend	Bag
15-15-15	32733	14.97	15.41	14.75		100	Blend	Bag
18-46-00	31274	18.04	45.53	0.00		99	Mat	Bulk
18-46-00	31275	17.91	45.59	0.00		99	Mat	Bulk
18-46-00	32724	18.80	46.61	0.00		102	Mat	Bulk
18-46-00	32725	17.71	46.24	0.00		100	Mat	Bulk
19-19-19	31278	18.38	18.37	19.45		98	Blend	Bag
19-19-19	31282	18.80	19.37	18.06		99	Blend	Bag
19-19-19	32655	18.79	19.38	17.93		98	Blend	Bag
46-00-00	31273	46.07	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.76	99.73	97.69				
ALL SAMPLES,CV %		19.32	4.8	4.54				
NUMBER OF ANALYSIS		24	21	22				
Deficiency Rate = 11.11 %								
-----								
ORGANIC LABORATORIES INC STUART FL 34997								
00-00-26	32420	0.00	0.00	27.38		105	Mnfr	Liq
-----								
PADUCAH-MCCRACKEN RVRPORT AUTHORITY PADUCAH KY 42002								
09-23-30	32883	8.85	22.26	30.87		100	CM	Bulk
09-23-30	32884	8.91	23.13	30.24		100	CM	Bulk
21-15-20	32881	21.48	15.59	19.36		100	CM	Bulk
21-15-20	32882	21.66	15.61	19.27		100	CM	Bulk
-----								
PLEASANT VIEW FARMS AUBURN KY 42206								
09-25-27	32032	9.99	26.52	26.05		101	CM	Bulk
11-08-12	32983	10.63	8.55	12.72		98	CM	Bulk
17-14-20	32031	17.38	14.37	21.17		101	CM	Bulk
17-17-17	32028	17.68	17.27	18.42		100	CM	Bulk
17-17-17	32033	18.16	17.88	17.71		101	CM	Bulk
18-14-14	32828	18.65	15.51	14.64		100	CM	Bulk
-----								
POLSON FARM SUPPLY KNOBLICK KY 42154								
04-12-32	32243	4.99	12.73	34.15		104	CM	Bulk
04-12-32	32246	5.09	12.91	32.31		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
POLSON FARM SUPPLY		KNOBLICK KY 42154						
17-17-17	32247	17.35	18.40	18.40		101	CM	Bulk
19-18-19	32252	18.76	18.91	20.91		101	CM	Bulk
19-19-19	32245	18.74	20.41	20.70		102	CM	Bulk
19-19-19	32249	18.46	20.22	20.96		102	CM	Bulk
24-15-15	32250	24.53	16.43	16.62		103	CM	Bulk
24-15-15	32251	24.33	15.92	17.40		103	CM	Bulk
25-09-09	32248	25.64	9.30	10.05		102	CM	Bulk
27-13-13	32244	26.94	14.37	15.22		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.18	103.21	106.38				
ALL SAMPLES,CV %		2.62	2.36	3.45				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
PRO SOLUTIONS (CROFT)		CROFTON KY 42217						
10-25-26	31552	10.42	25.79	26.33		101	CM	Bulk
10-25-26	31553	10.99	26.23	25.93		102	CM	Bulk
10-25-26	31554	10.69	25.54	27.02		102	CM	Bulk
10-25-26	31555	10.60	26.00	26.70		102	CM	Bulk
10-25-26	31556	10.85	26.12	26.49		102	CM	Bulk
Statistical Analysis for Grade : 10-25-26								
Number of Samples This Grade : 5								
Average Analysis :		10.71	25.94	26.49		101.8		
CV, %		2.06	1.06	1.54				
19-19-19	31551	19.07	20.03	19.84		101	CM	Bulk
26-15-13	32236+	26.56	15.81	13.12		102	CM	Bulk
26-15-13	32307+	26.42	15.00	13.15		101	CM	Bulk
29-11-11	32235	29.57	12.36	11.63		100	CM	Bulk
32-23-00	31550	33.12	23.50	0.00		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.04	102.23	99.88				
ALL SAMPLES,CV %		3.64	1.7	1.7				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
-----								
PRO SOLUTIONS (SPRING)		SPRINGFIELD TN 37172						
00-00-50	30968	0.00	0.00	49.95		100	Mat	Bulk
00-00-60	30967	0.00	0.00	60.76		101	Mat	Bulk
00-00-60	30971	0.00	0.00	59.46		99	Mat	Bulk
10-34-00	32234	9.55	31.14 *	0.00		93 *	Mnfr	Liq
18-46-00	30966	17.67	45.30	0.00		98	Mat	Bulk
18-46-00	30970	17.49	45.11	0.00		98	Mat	Bulk
46-00-00	30965	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	30969	46.20	0.00	0.00		100	Mat	Bulk
-----								
RIPS FARM CENTER		TOLLESBORO KY 41189						
00-00-50	32942	0.00	0.00	50.97		102	Mat	Bulk
00-00-60	32941	0.00	0.00	60.43		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
RIPS FARM CENTER TOLLESBORO KY 41189								
03-09-48	32949	3.69	9.23	48.50		101	CM	Bulk
04-11-15	32950	4.34	11.35	14.87		98	CM	Bulk
04-11-15	32961	4.36	11.71	14.49		98	CM	Bulk
04-11-45	32946	4.14	11.98	46.02		102	CM	Bulk
04-11-45	32947	4.41	11.95	46.59		103	CM	Bulk
04-11-45	32948	4.67	12.04	46.43		103	CM	Bulk
06-12-19	32965	6.08	11.88	20.56		102	CM	Bulk
06-15-20	32964	6.14	15.05	20.36		101	CM	Bulk
18-46-00	32943	17.43	46.53	0.00		100	Mat	Bulk
21-09-09	32951	21.26	9.88	9.46		100	CM	Bulk
21-09-09	32962	22.60	9.71	9.97		105	CM	Bulk
46-00-00	32944	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.28	100.93	101.68				
ALL SAMPLES,CV %		4.16	3.38	2.75				
NUMBER OF ANALYSIS		12	11	12				
Deficiency Rate = 0.00 %								
ROD MCLELLAN COMPANY INDEPENDENCE OR 97351								
06-09-00	30016+	8.36	9.76	0.00		122	Mat	Bag
ROGERS FERTILIZER & SERVICES LEBANON KY 40033								
00-00-60	31361	0.00	0.00	61.40		102	Mat	Bulk
07-13-20	32520+	8.09	13.51	20.65		103	CM	Bulk
09-11-14	32518+	10.60	12.85	14.66		105	CM	Bulk
09-11-14	32519+	10.88	12.71	14.83		106	CM	Bulk
16-22-20	31605	16.85	21.66	21.72		101	CM	Bulk
16-22-20	31606	16.73	22.58	20.30		100	CM	Bulk
17-00-18	31741	17.72	0.00	19.22		103	CM	Bulk
18-46-00	31363	17.69	45.80	0.00		99	Mat	Bulk
23-00-30	32521	23.08	0.00	31.11		102	CM	Bulk
24-13-17	31740	24.30	13.12	18.66		101	CM	Bulk
25-03-14	31604+	26.29	3.73	15.11		104	CM	Bulk
26-08-10	31742+	26.58	8.58	10.56		101	CM	Bulk
26-08-10	31743+	26.60	8.56	10.69		101	CM	Bulk
26-08-10	32540+	26.32	7.84	11.14		100	CM	Bulk
26-09-12	32523+	26.11	9.59	12.29		100	CM	Bulk
27-08-17	32522+	27.90	8.26	17.87		102	CM	Bulk
46-00-00	31362	45.84	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.30	102.61	103.09				
ALL SAMPLES,CV %		3.36	5.01	2.65				
NUMBER OF ANALYSIS		16	13	15				
Deficiency Rate = 0.00 %								
ROOTBLAST INTERNATIONAL INC CANTON OH 44707								
02-01-02	31482+	3.15	1.69	2.04		140	Mnfr	Bag
SANCO INDUSTRIES INC FT WAYNE IN 46859								
05-16-12	32545	5.06	15.34	12.21		99	Mnfr	Liq
SCOTTS MIRACLE-GRO PRODUCTS, INC MARYSVILLE OH 43041								
06-09-00	31188+	8.82	10.47	0.00		131	Mat	Bag
07-07-07	33030+	8.03	7.18	7.63		110	Mnfr	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SCOTTS MIRACLE-GRO PRODUCTS, INC		MARYSVILLE OH 43041						
12-00-00	32507+	13.99	0.00	0.00		117	Mnfr	Bag
12-06-12	32202+	13.68	7.62	13.92		117	Mnfr	Bag
15-30-15	32372+	13.78	31.28	16.15		101	Blend	Bag
15-30-15	33088+	15.63	30.08	16.55		104	Mnfr	Bag
18-18-21	30006+	20.15	17.59	21.30		104	Mnfr	Bag
18-24-16	31348+	20.42	23.98	15.95		105	Mnfr	Bag
24-08-16	31128+	23.86	8.35	16.84		102	Mnfr	Bag
24-08-16	32373	25.66	7.85	15.52		103	Blend	Bag
30-10-10	31387+	31.23	10.84	11.19		106	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		111.29	105.90	106.47				
ALL SAMPLES,CV %		12.6	8.74	5.8				
NUMBER OF ANALYSIS		11	10	9				
Deficiency Rate = 0.00 %								
-----								
SCOTTS SIERRA		MARYSVILLE OH 43041						
14-14-14	33102	13.82	13.61	13.70		98	Blend	Bag
19-06-12	31134	18.90	6.18	13.68		104	Mnfr	Bag
-----								
SECURITY SEED & CHEMICAL INC (CLN)		CLINTON KY 42031						
03-05-05	32413+	3.99	5.55	6.20		118	CM	Liq
-----								
SECURITY SEED & CHEMICAL INC (CLA)		CLARKSVILLE TN 37040						
05-10-04	32866+	6.12	11.36	4.85		120	Blend	Liq
05-10-04	33099+	6.12	11.91	4.61		121	Blend	Liq
07-20-02	33098+	5.29 *	9.87 *	3.11		65 *	Blend	Liq
10-26-26	31577	10.12	26.31	26.67		101	CM	Bulk
32-00-00	31260	32.17	0.00	0.00		101	Mat	Liq
32-00-00	31576	31.86	0.00	0.00		101	Mat	Liq
32-00-00	32417	32.02	0.00	0.00		100	Mat	Liq
32-00-00	32867	32.08	0.00	0.00		100	Mat	Liq
32-00-00	32880	32.27	0.00	0.00		102	Blend	Liq
Statistical Analysis for Grade : 32-00-00								
Number of Samples This Grade : 5								
Average Analysis :		32.08	0.00	0.00		100.8		
CV, %		0.48	0	0				
-----								
SECURITY SEED & CHEMICAL INC (MUR)		MURRAY KY 42071						
05-11-04	32865+	6.70	10.76	4.47		113	CM	Liq
08-21-03	32864+	8.84	20.20	2.94		101	CM	Liq
-----								
SEVENTY FEEDS LLC		EUBANK KY 42567						
00-00-60	31103	0.00	0.00	60.05		100	Mat	Bulk
00-00-60	31104	0.00	0.00	60.60		101	Mat	Bulk
07-18-36	32996	7.25	17.43	35.98		99	CM	Bulk
12-06-26	33037+	12.24	6.40	26.09		99	CM	Bulk
18-46-00	31105	18.10	46.71	0.00		101	Mat	Bulk
22-09-23	33035	21.57	9.93	23.71		100	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SEVENTY FEEDS LLC		EUBANK KY 42567						
46-00-00	31106	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	31107	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	31108	45.90	0.00	0.00		100	Mat	Bulk
-----								
SOUTH CENTRAL FARM SUPPLY, INC.		GAMALIEL KY 42140						
04-11-43	31782+	4.06	11.09	45.62		102	CM	Bulk
18-17-17	31788	17.67	18.96	17.74		102	CM	Bulk
19-19-18	31787	18.73	20.41	20.55		102	CM	Bulk
19-19-19	31783	18.18	20.41	20.99		102	CM	Bulk
19-19-19	31785	18.37	19.55	20.75		100	CM	Bulk
20-19-19	31789	18.28	18.55	20.06		98	CM	Bulk
21-11-15	31790	20.79	11.65	15.71		100	CM	Bulk
24-26-00	31784	24.96	27.58	0.00		103	CM	Bulk
27-11-15	31786	25.83 *	12.93	17.23		102	CM	Bulk
27-11-15	31792	26.28	11.06	15.96		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.28	102.98	106.95				
ALL SAMPLES,CV %		2.49	4.97	3.51				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								
-----								
SPECTRUM GROUP		ST. LOUIS MO 63114-0642						
10-10-10	31483+	10.92	10.92	10.09		107	Mnfr	Liq
10-10-10	32512+	10.60	10.72	11.18		108	Mnfr	Liq
20-27-05	31486	21.44	26.10	5.57		103	Blend	Bag
-----								
SPEED AG SERVICE		HICKMAN KY 42050						
00-00-60	30102	0.00	0.00	61.38		102	Mat	Bulk
00-00-60	30104	0.00	0.00	61.70		103	Mat	Bulk
00-00-60	31297	0.00	0.00	60.33		101	Mat	Bulk
08-21-28	32709+	8.26	20.74	30.12		100	CM	Bulk
09-23-30	32861	8.46	21.36 *	32.20		100	CM	Bulk
09-23-30	32862	8.58	22.06	30.47		98	CM	Bulk
10-00-30	32462+	9.09 *	0.00	34.55		106	CM	Bulk
11-18-24	32466+	10.96	18.95	23.94		100	CM	Bulk
12-14-19	30264+	12.61	16.44	19.46		103	CM	Bulk
12-40-00	30105+	12.18	40.79	0.00		102	Mnfr	Bulk
14-18-12	30101	15.95	17.97	12.49		102	CM	Bulk
15-15-24	32710	15.76	15.21	22.83		99	CM	Bulk
18-46-00	30103	17.54	46.01	0.00		99	Mat	Bulk
18-46-00	31298	18.06	46.04	0.00		100	Mat	Bulk
21-05-17	32707+	20.81	5.60	17.97		100	CM	Bulk
21-05-17	32708+	21.56	5.04	16.43		98	CM	Bulk
21-05-17	32711+	21.12	5.10	18.07		100	CM	Bulk
34-00-00	31299	33.73	0.00	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SPEED AG SERVICE HICKMAN KY 42050								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.15	100.16	102.50				
ALL SAMPLES,CV %		4.84	4.95	4.91				
NUMBER OF ANALYSIS		15	13	14				
Deficiency Rate = 11.11 %								
-----								
SQM NORTH AMERICA ATLANTA GA 30339								
00-00-50	33044	0.00	0.00	51.80		104	Mat	Bulk
-----								
SS (BOWL) BOWLING GREEN COOP BOWLING GREEN KY 42101								
07-18-35	30283	7.58	18.22	33.93		101	CM	Bulk
07-18-35	30284	7.89	19.16	33.36		102	CM	Bulk
07-18-35	30285	7.48	17.58	34.60		101	CM	Bulk
07-18-35	30288	7.47	17.82	34.33		101	CM	Bulk
08-19-33	30286	8.10	19.61	32.77		101	CM	Bulk
08-19-33	30287	7.99	18.98	33.18		100	CM	Bulk
09-23-30	31629	8.28	21.79	31.83		100	CM	Bulk
09-24-24	30464	9.28	24.02	24.80		99	CM	Bulk
09-24-24	30465	9.10	23.82	25.59		99	CM	Bulk
21-20-16	31628	20.38	20.55	17.22		100	CM	Bulk
23-13-18	31626	22.75	13.78	19.66		100	CM	Bulk
23-13-18	31627	22.91	13.55	18.96		99	CM	Bulk
23-13-18	31630	23.87	13.17	18.62		100	CM	Bulk
23-13-18	31631	24.29	12.90	18.92		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.88	99.26	102.21				
ALL SAMPLES,CV %		6.91	3.86	3.65				
NUMBER OF ANALYSIS		14	14	14				
Deficiency Rate = 0.00 %								
-----								
SS (CADI) CADIZ BR CADIZ KY 42211								
02-12-15	30289	3.38	12.36	15.60		105	CM	Bulk
05-25-29	30293	5.14	25.10	29.83		100	CM	Bulk
05-25-29	30295	5.46	23.82	31.01		101	CM	Bulk
05-25-30	30294	5.12	24.64	30.58		101	CM	Bulk
10-26-26	32577	10.36	26.46	26.57		102	CM	Bulk
18-17-21	31987	18.55	17.84	22.05		101	CM	Bulk
27-13-13	32578	27.51	14.70	13.73		102	CM	Bulk
29-09-09	31557	30.52	10.21	10.51		102	CM	Bulk
31-10-10	31986	30.66	11.99	10.28		100	CM	Bulk
31-10-10	32313	32.03	10.78	10.31		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.19	101.69	101.37				
ALL SAMPLES,CV %		10.4	4.77	3.08				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
SS (CALH) CALHOUN -OWENSBORO CALHOUN KY 42327								
03-09-25	30221	4.18	9.68	25.65		103	CM	Bulk
04-10-26	30219	4.31	10.38	28.90		107	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (CALH) CALHOUN -OWENSBORO CALHOUN KY 42327								
04-10-26	30220	4.75	10.98	27.03		105	CM	Bulk
05-13-17	30344	5.56	13.55	19.09		108	CM	Bulk
05-14-18	30346	6.00	15.11	20.00		105	CM	Bulk
05-14-18	30366	6.01	14.87	19.48		104	CM	Bulk
05-14-18	30367	6.07	14.93	20.29		107	CM	Bulk
06-16-20	30345	5.95	16.13	22.32		102	CM	Bulk
09-23-30	30222	8.66	22.57	31.52		101	CM	Bulk
09-23-30	30504	8.74	22.31	31.06		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.49	102.05	105.70				
ALL SAMPLES,CV %		7.09	3.01	2.9				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (CAMP) CAMPBELLSVILLE CAMPBELLSVILLE KY 42718								
03-03-03	32822	3.80	3.45	3.32 *		90 *	CM	Bulk
10-20-30	32818	9.87	19.09	31.63		101	CM	Bulk
16-23-19	32823	17.16	24.20	16.75 *		98	CM	Bulk
17-17-17	32821	17.36	21.83	15.74 *		103	CM	Bulk
19-13-20	32812	19.79	13.02	21.51		101	CM	Bulk
21-23-00	32819+	20.86	24.96	0.00		102	CM	Bulk
21-23-00	32820+	21.10	24.02	0.00		101	CM	Bulk
25-03-11	32813	24.07	3.60	13.85		104	CM	Bulk
25-03-11	32814	25.43	3.15	12.50		103	CM	Bulk
25-03-11	32816	26.40	3.80	10.03 *		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.57	103.78	98.15				
ALL SAMPLES,CV %		2.7	10.25	14.1				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate = 40.00 %								
SS (CARL) OWINGS SVC-CARLISLE BR CARLISLE KY 40311								
03-03-03	31695	4.30	4.17	3.64		102	CM	Bulk
04-04-04	31697	4.72	4.78	4.63		103	CM	Bulk
16-29-15	31459	16.05	29.56	15.77		100	CM	Bulk
19-00-29	32736	20.48	0.00	29.77		102	CM	Bulk
19-00-30	32611	20.74	0.00	30.65		103	CM	Bulk
19-19-19	31457	19.17	19.46	20.22		101	CM	Bulk
19-19-19	31458	19.11	18.96	20.09		100	CM	Bulk
19-19-19	31696	18.93	19.44	20.17		100	CM	Bulk
19-19-19	31698	19.39	20.03	19.23		101	CM	Bulk
31-00-19	32735	31.93	0.00	18.52		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (CARL) OWINGS SVC-CARLISLE BR CARLISLE KY 40311								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.80	101.68	100.23				
ALL SAMPLES,CV %		3.17	2.65	4.16				
NUMBER OF ANALYSIS		10	7	10				
Deficiency Rate = 0.00 %								
-----								
SS (CLAY) CLAY KY 42404								
09-23-30	32845	8.73	23.60	30.18		101	CM	Bulk
09-23-30	32846	8.72	22.49	31.50		101	CM	Bulk
09-23-30	32847	8.35	22.59	31.32		100	CM	Bulk
09-23-30	32848	9.05	23.78	29.43		100	CM	Bulk
09-23-30	32849	9.14	23.58	29.78		101	CM	Bulk
09-23-30	32850	8.35	21.64	30.77		98	CM	Bulk
09-23-30	32885	8.85	22.34	30.88		100	CM	Bulk
09-23-30	32886	8.59	23.48	29.56		99	CM	Bulk
09-23-30	32887	8.82	22.46	30.86		100	CM	Bulk
09-23-30	32888	8.51	22.26	31.04		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 10								
Average Analysis :		8.71	22.82	30.53		99.9		
CV, %		3.08	3.19	2.43				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.79	99.23	101.77				
ALL SAMPLES,CV %		3.08	3.19	2.43				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
SS (COLU) GREEN RVR SVC ADAIR COLUMBIA KY 42728								
06-15-40	32986	7.82	14.47	40.17		103	CM	Bulk
09-23-30	32673	8.50	23.40	31.82		102	CM	Bulk
15-10-20	32988	17.80	13.70	18.00 *		105	CM	Bulk
15-10-20	32989	16.21	11.86	20.25		102	CM	Bulk
15-10-20	32991	16.62	10.62	20.86		102	CM	Bulk
16-12-18	32899	16.43	12.50	19.85		101	CM	Bulk
18-08-22	32985	18.17	9.44	22.93		103	CM	Bulk
23-00-18	32811	22.69	0.00	18.56		98	CM	Bulk
23-00-30	32334	22.23	0.00	32.73		103	CM	Bulk
28-00-18	32799	27.79	0.00	20.62		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.94	106.32	101.97				
ALL SAMPLES,CV %		10.5	10.54	6.5				
NUMBER OF ANALYSIS		10	7	10				
Deficiency Rate = 10.00 %								
-----								
SS (CYN) LEXINGTON COOP-CYN BRANCH CYNTHIANA KY 41031								
05-14-35	32075	5.59	13.50	36.46	*	100	CM	Bulk
22-00-20	32073	23.01	0.00	19.80		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (CYN) LEXINGTON COOP-CYN BRANCH CYNTHIANA KY 41031								
24-06-22	32449+	24.22	6.61	22.98		100	CM	Bulk
24-06-22	32450+	23.96	7.13	23.61		101	CM	Bulk
24-06-22	32451+	24.37	6.53	23.41		101	CM	Bulk
25-05-20	33061	26.07	5.15	19.29	*	100	CM	Bulk
27-11-14	32076	26.71	12.82	15.48		101	CM	Bulk
28-03-20	32453	28.47	3.98	20.30		101	CM	Bulk
28-13-10	33062+	29.60	12.88	10.36		101	CM	Bulk
33-00-16	32448	34.63	0.00	17.56		105	CM	Bulk
33-00-16	32452	34.36	0.00	17.86		104	CM	Bulk
34-19-00	32074	35.66	18.61	0.00		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.27	100.17	102.54				
ALL SAMPLES,CV %		2.35	5.18	3.47				
NUMBER OF ANALYSIS		12	9	11				
Deficiency Rate = 0.00 %								
SS (ELIZ) HARDIN COOP, INC ELIZABETHTOWN KY 42701								
07-20-26	31638	7.61	21.17	27.64		103	CM	Bulk
10-26-26	31637	9.39	25.85	26.40		99	CM	Bulk
10-26-26	31642	9.38	25.91	26.54		99	CM	Bulk
10-26-26	31644	9.73	26.73	25.36		99	CM	Bulk
15-23-15	31643	16.09	26.66	11.33	*	103	CM	Bulk
16-18-24	31641	17.37	19.39	23.37		103	CM	Bulk
16-21-21	30421	19.66	24.17	14.62	*	100	CM	Bulk
19-19-19	31640	19.78	19.48	19.63		102	CM	Bulk
26-29-00	31639	27.14	29.99	0.00		103	CM	Bulk
30-00-20	31645	29.72	0.00	21.74		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.59	104.40	95.15				
ALL SAMPLES,CV %		8.85	4.96	14.18				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 20.00 %								
SS (ELKT) RUSS.-TODD BRANCH ELKTON KY 42220								
03-16-19	30459	4.20	17.21	21.35		107	CM	Bulk
03-16-20	30320	4.02	17.18	20.43		104	CM	Bulk
03-16-20	30385	6.64	16.45	22.12		113	CM	Bulk
03-18-37	30458	4.17	18.94	36.85		100	CM	Bulk
09-23-30	30318	8.62	22.84	29.68		99	CM	Bulk
09-23-30	30319	9.00	22.49	30.96		101	CM	Bulk
09-23-30	30322	8.96	23.04	29.55		99	CM	Bulk
09-23-30	30323	8.77	22.87	30.00		99	CM	Bulk
11-28-22	30321	11.08	28.41	23.07		100	CM	Bulk
11-30-20	30384	11.77	30.18	21.86		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (ELKT) RUSS.-TODD BRANCH ELKTON KY 42220								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		114.31	99.83	102.78				
ALL SAMPLES,CV %		26.88	1.93	4.1				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (EMIN) INC KNTCKANA SVC-HENRY BR EMINENCE KY 40019-9801								
02-06-51	31527+	3.05	6.40	51.36		101	CM	Bulk
06-16-24	30533	5.98	16.14	26.18		103	CM	Bulk
06-16-25	30534	6.28	16.49	23.96		99	CM	Bulk
08-05-07	32686	9.36	5.69	7.84		104	CM	Bulk
10-27-24	32300	10.63	27.96	23.91		100	CM	Bulk
11-05-19	32685	11.13	5.70	19.28		99	CM	Bulk
17-09-24	32302	16.55	10.07	24.19		100	CM	Bulk
23-00-30	32301	21.38	0.00	31.69		99	CM	Bulk
27-08-17	32303+	30.12	7.58 *	15.84 *		102	CM	Bulk
33-04-12	32304	33.52	4.79	13.60		102	CM	Bulk
33-04-12	32683	32.62	4.96	13.92		101	CM	Bulk
33-07-10	31525	30.43 *	9.93	12.68		101	CM	Bulk
33-07-10	31528	34.04	7.62	10.13		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.28	102.44	103.53				
ALL SAMPLES,CV %		7.8	10.12	8.34				
NUMBER OF ANALYSIS		13	12	13				
Deficiency Rate = 15.38 %								
SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041								
02-11-29	32170+	2.22	12.59	31.14		104	CM	Bulk
02-11-29	32173+	2.77	11.50	29.89		101	CM	Bulk
02-11-29	32176+	3.05	10.74	28.97		98	CM	Bulk
07-00-25	32168+	6.88	0.00	24.93		98	CM	Bulk
13-00-00	32172+	12.99	0.00	0.00		99	CM	Bulk
15-00-00	32169	15.04	0.00	0.00		98	CM	Bulk
15-00-00	32175	15.22	0.00	0.00		97	CM	Bulk
19-13-13	32174+	19.77	12.94	12.98		98	CM	Bulk
22-04-19	32171+	21.48	4.90	19.25		98	CM	Bulk
25-05-15	32740+	25.59	5.97	15.18		101	CM	Bulk
26-13-12	32182	25.51	12.45	13.04		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.11	102.74	99.70				
ALL SAMPLES,CV %		9.55	8.57	2.57				
NUMBER OF ANALYSIS		11	7	8				
Deficiency Rate = 0.00 %								
SS (FRAN) SIMPSON COOP FRANKLIN KY 42134								
05-14-17	30259	6.76	15.75	17.92		106	CM	Bulk
09-23-30	30197	9.59	23.28	29.97		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (FRAN) SIMPSON COOP FRANKLIN KY 42134								
09-23-30	30198	9.11	22.75	30.76		101	CM	Bulk
09-25-25	30202	10.01	25.47	24.65		99	CM	Bulk
11-28-22	30199	10.90	28.75	22.54		99	CM	Bulk
11-28-22	30260	11.17	30.27	22.83		103	CM	Bulk
11-28-22	30261	11.29	29.27	23.74		103	CM	Bulk
11-29-21	30200	11.34	29.19	22.10		100	CM	Bulk
11-29-21	30201	11.25	28.76	22.66		100	CM	Bulk
12-31-19	30279	12.03	30.65	20.36		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.97	101.23	101.54				
ALL SAMPLES,CV %		5.99	2.98	3.06				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (GEOR) GEORGETOWN COOP GEORGETOWN KY 40324								
15-00-39	32354+	14.51	0.00	41.25		101	CM	Bulk
15-08-32	31564	16.69	8.48	32.78		102	CM	Bulk
16-00-38	32346	16.67	0.00	40.48		104	CM	Bulk
27-14-13	32356	27.65	14.35	14.60		103	CM	Bulk
29-00-19	32345+	29.17	0.00	23.27		104	CM	Bulk
29-00-19	32351+	29.89	0.00	20.28		100	CM	Bulk
29-00-19	32352+	29.89	0.00	21.50		102	CM	Bulk
29-00-20	32355+	29.80	0.00	21.71		103	CM	Bulk
29-00-20	32357+	29.73	0.00	21.16		102	CM	Bulk
29-00-20	32358+	29.50	0.00	21.59		102	CM	Bulk
29-00-20	32359+	29.17	0.00	21.25		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.64	100.48	106.73				
ALL SAMPLES,CV %		2.65	1.29	4.14				
NUMBER OF ANALYSIS		11	2	11				
Deficiency Rate = 0.00 %								
SS (GLAS) GLASGOW COOP GLASGOW KY 42141								
18-00-35	31170	18.45	0.00	35.90		100	CM	Bulk
18-16-22	31172	17.91	17.28	22.97		100	CM	Bulk
18-18-18	31168	17.96	17.68	20.01		102	CM	Bulk
19-19-19	31167	18.92	19.17	20.71		101	CM	Bulk
19-19-19	31169	18.64	18.69	19.68		98	CM	Bulk
20-14-21	31166+	19.95	17.98	19.04 *		102	CM	Bulk
21-16-16	31171+	17.89 *	15.93	17.29		92 *	CM	Bulk
26-13-13	31165	26.17	12.06 *	14.06		100	CM	Bulk
27-08-18	31163	26.78	8.61	18.95		101	CM	Bulk
27-13-13	31164	27.19	13.27	14.06		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (GLAS) GLASGOW COOP GLASGOW KY 42141								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.86	101.54	103.33				
ALL SAMPLES,CV %		5.71	9.62	5.3				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 30.00 %								
SS (GREE) GREENVILLE KY SVC GREENVILLE KY 42345								
09-23-30	32238	9.04	24.02	29.50		101	CM	Bulk
09-23-30	32239	8.76	23.85	30.36		101	CM	Bulk
09-23-30	32240	8.66	23.69	30.48		101	CM	Bulk
09-23-30	32314	8.95	23.71	28.73		99	CM	Bulk
19-19-19	32153	19.03	19.99	18.59		101	CM	Bulk
19-19-19	32154	21.96	17.62 *	17.38 *		100	CM	Bulk
19-19-19	32155	18.54	19.70	18.78		98	CM	Bulk
19-19-19	32156	19.08	19.53	19.07		99	CM	Bulk
19-19-19	32242	18.14	20.25	19.69		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.35	19.42	18.70		99.7		
CV, %		7.79	5.38	4.54				
27-11-15	32237	27.50	12.16	16.04		103	CM	Bulk
31-10-10	32241	30.02	10.91	13.32		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.36	102.31	101.10				
ALL SAMPLES,CV %		5.02	4.07	8.25				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 9.09 %								
SS (HARD) BRECK SERVICE HARDINSBURG KY 40143								
08-22-30	32394	8.42	23.10	29.64		98	CM	Bulk
09-23-29	32395	8.97	23.72	31.55		103	CM	Bulk
09-23-30	32393	8.50	23.51	30.87		101	CM	Bulk
10-26-26	30235	10.22	26.20	26.73		101	CM	Bulk
10-34-00	32422	9.80	33.29	0.00		98	Mnfr	Liq
19-11-15	32398	19.61	12.02	16.33		102	CM	Bulk
19-19-19	32392	18.42	19.32	20.20		99	CM	Bulk
19-19-19	32396	18.67	19.12	20.35		100	CM	Bulk
19-19-19	32397	19.04	19.32	21.18		102	CM	Bulk
28-28-00	32391	27.86	29.99	0.00		100	CM	Bulk
29-18-06	32399	29.77	19.10	6.61		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.46	100.98	104.45				
ALL SAMPLES,CV %		2.39	2.09	2.83				
NUMBER OF ANALYSIS		11	11	9				
Deficiency Rate = 0.00 %								
SS (HARR) CNTRL KY SVC HARRODSBURG KY 40330								
13-18-27	31974	13.69	18.72	28.40		102	CM	Bulk
28-00-00	31973	28.35	0.00	0.00		100	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (HARR) CNTRL KY SVC HARRODSBURG KY 40330								
SS (HEND) HENDERSON COOP HENDERSON KY 42420								
00-18-34	30502	0.00	21.49	32.57 *		102	CM	Bulk
00-19-33	30492	0.00	20.34	32.79		100	CM	Bulk
00-19-33	30493	0.00	21.05	32.71		102	CM	Bulk
00-19-33	30499	0.00	20.03	33.33		101	CM	Bulk
00-19-33	30500	0.00	20.34	33.34		102	CM	Bulk
00-22-28	30494	0.00	23.50	29.20		102	CM	Bulk
00-22-29	30495	0.00	23.44	29.41		102	CM	Bulk
00-22-29	30496	0.00	22.63	30.13		102	CM	Bulk
06-16-22	30497	6.84	15.86	21.95		98	CM	Bulk
06-17-22	30498	7.10	16.19	22.43		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.55	103.10	99.35				
ALL SAMPLES,CV %		2.07	6.18	2.43				
NUMBER OF ANALYSIS		2	10	10				
Deficiency Rate = 10.00 %								
SS (HODG) HARDIN COOP HODG BR SVC HODGENVILLE KY 42748								
08-22-31	31504	9.34	21.01	32.54		102	CM	Bulk
09-24-27	30274	9.62	25.10	29.53		103	CM	Bulk
09-24-28	30273	9.44	24.26	29.08		101	CM	Bulk
10-26-25	30270	9.92	25.90	27.04		101	CM	Bulk
10-26-26	30271	10.12	27.18	25.55		101	CM	Bulk
19-19-19	31499	18.82	18.10	20.98		99	CM	Bulk
20-18-18	31505	21.38	18.59	18.42		102	CM	Bulk
20-18-18	31507	21.97	17.21	19.64		103	CM	Bulk
23-13-18	31506	22.92	14.17	19.30		101	CM	Bulk
25-14-15	31501	24.76	14.91	15.82		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.54	99.20	103.94				
ALL SAMPLES,CV %		3.56	3.76	2.9				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (HOPK) HOPKINSVILLE COOP HOPKINSVILLE KY 42240								
04-13-16	30226+	5.32	13.23	18.48		106	CM	Bulk
04-13-16	30227+	5.39	13.87	18.24		108	CM	Bulk
08-16-24	30147	8.49	15.65	24.71		100	CM	Bulk
08-22-28	30146	8.04	20.85	29.46		100	CM	Bulk
17-09-21	32231+	17.91	9.82	22.70		102	CM	Bulk
20-15-20	31548	19.19	15.82	19.98		99	CM	Bulk
26-00-26	31549	26.88	0.00	26.91		103	CM	Bulk
28-12-12	31544	27.38	13.32	12.76		99	CM	Bulk
28-12-12	31545	27.83	12.59	13.26		99	CM	Bulk
28-12-12	31546	27.84	12.96	12.64		99	CM	Bulk
28-12-12	31547	27.37	12.72	13.19		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (HOPK) HOPKINSVILLE COOP HOPKINSVILLE KY 42240								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.27	100.43	103.75				
ALL SAMPLES,CV %		7.5	3.15	3.26				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 0.00 %								
SS (HORS) HORSE CAVE COOP HORSE CAVE KY 42749								
07-18-36	30785	7.69	19.48	35.19		101	CM	Bulk
16-15-26	31225	15.75	16.24	25.35		99	CM	Bulk
16-15-26	31226	15.52	15.42	26.47		99	CM	Bulk
19-19-19	31224	18.10	19.45	20.96		100	CM	Bulk
21-09-22	31173+	20.75	9.89	22.49		99	CM	Bulk
24-15-15	30786	23.17	15.41	16.69		99	CM	Bulk
25-34-00	31221	24.88	34.08	0.00		99	CM	Bulk
32-23-00	31223	31.57	22.74	0.00		99	CM	Bulk
36-15-00	31222	36.86	15.38	0.00		100	CM	Bulk
SS (LAGR) KY SVC BR-LAGRANGE BR LAGRANGE KY 40031								
06-20-30	31540+	6.01	19.79	31.37		102	CM	Bulk
06-22-25	31542+	6.65	22.88	26.34		101	CM	Bulk
06-22-25	31543+	6.74	22.57	27.29		102	CM	Bulk
08-21-32	31896	8.13	22.68	33.60		104	CM	Bulk
08-21-32	31898	8.56	22.95	33.31		105	CM	Bulk
09-24-27	30243	9.73	25.05	27.58		100	CM	Bulk
19-19-19	31539	18.88	20.92	19.32		101	CM	Bulk
19-19-19	31895	19.04	20.65	20.05		102	CM	Bulk
19-19-19	31899	18.71	21.07	19.08		101	CM	Bulk
28-00-22	31897	27.65	0.00	24.12		100	CM	Bulk
34-08-07	31541	35.70	8.82	7.98		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.99	104.02	102.52				
ALL SAMPLES,CV %		2.21	3.83	2.57				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 0.00 %								
SS (LEBA) LEBANON SVC SPRINGFIELD KY 40069								
05-12-16	32003	5.26	12.99	15.79		99	CM	Bulk
05-12-16	32004	5.14	13.41	17.08		103	CM	Bulk
05-12-16	32005	5.27	13.07	17.24		103	CM	Bulk
05-12-16	32006	5.17	13.64	16.31		102	CM	Bulk
16-42-00	32002+	16.42	41.84	0.00		98	CM	Bulk
SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754								
19-19-19	31651	19.44	19.83	18.70		100	CM	Bulk
19-19-19	31654	18.17	19.46	22.42		102	CM	Bulk
19-19-19	31655	19.51	19.49	18.93		100	CM	Bulk
19-19-19	31656	18.75	20.32	18.25		100	CM	Bulk
19-19-19	31657	20.13	19.21	18.04		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754								
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.20	19.66	19.27		100.6		
CV, %		3.93	2.18	9.32				
21-11-22	31659	22.00	11.54	21.93		100	CM	Bulk
21-15-20	31652	21.39	15.15	20.25		100	CM	Bulk
23-16-16	31650	23.36	16.41	16.20		100	CM	Bulk
28-12-12	31658	29.63	13.11	12.90		103	CM	Bulk
37-06-06	31653	37.38	6.43	6.41		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.65	101.12	99.68				
ALL SAMPLES,CV %		3.21	2.27	6.06				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (LIBE) LIBERTY SVC LIBERTY KY 42539								
09-23-30	32475	8.92	23.94	30.37		102	CM	Bulk
19-04-12	32474+	18.43	4.89	13.71		99	CM	Bulk
19-04-12	32477+	18.69	4.69	13.57		99	CM	Bulk
19-04-12	32480	19.58	4.84	12.29		99	CM	Bulk
19-19-19	32226	18.69	20.57	20.75		102	CM	Bulk
19-19-19	32228	18.35	20.58	20.47		101	CM	Bulk
19-19-19	32473	18.29	19.99	20.77		101	CM	Bulk
27-13-13	32478	27.05	14.26	13.48		100	CM	Bulk
27-13-13	32479	26.80	14.38	13.31		100	CM	Bulk
31-09-12	32229	30.11	10.64	14.24		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.63	106.20	104.69				
ALL SAMPLES,CV %		2.29	3.41	6.23				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (LOND) LONDON COOP LONDON KY 40741								
05-20-20	30010	7.90	20.77	19.43		108	Blend	Bag
06-12-12	31111	6.09	12.78	11.50		101	Blend	Bag
07-19-19	31935	7.07	18.52	21.18		100	CM	Bulk
08-20-20	30009	7.36	18.97	19.72		96 *	Blend	Bag
08-21-20	31938	8.83	21.94	20.93		104	CM	Bulk
10-10-10	30011	9.24	9.99	11.17		101	Blend	Bag
10-10-10	31110	9.64	9.93	10.96		101	Blend	Bag
10-10-10	32929	10.31	11.00	9.89		104	Blend	Bag
10-10-10	33095	10.49	10.62	9.90		103	Blend	Bag
10-26-26	31937	10.09	27.44	25.04		100	CM	Bulk
14-08-33	31936	15.03	8.80	34.04		101	CM	Bulk
16-16-16	31940	16.59	18.89	16.39		102	CM	Bulk
19-19-19	30012	18.56	18.43	19.53		99	Blend	Bag
19-19-19	31112	19.42	20.22	18.44		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (LOND) LONDON COOP LONDON KY 40741								
19-19-19	31932	19.15	20.78	18.96		101	CM	Bulk
19-19-19	31933	18.95	21.19	18.81		101	CM	Bulk
19-19-19	32930	19.15	20.60	18.64		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.05	20.24	18.88		101.0		
CV, %		1.67	5.3	2.19				
27-13-13	31934	26.30	14.01	14.16		99	CM	Bulk
27-13-13	31939	27.05	14.69	13.61		101	CM	Bulk
29-12-12	32927	29.16	12.58	12.82		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.88	104.30	100.88				
ALL SAMPLES,CV %		13.5	4.64	4.75				
NUMBER OF ANALYSIS		20	20	20				
Deficiency Rate = 5.00 %								
-----								
SS (MAYS) FLEMINGSBURG COOP-MAYSVIL MAYSVILLE KY 41056-0668								
05-13-42	31700	5.51	12.66	42.44		99	CM	Bulk
06-05-44	31702+	7.48	5.60	44.22		101	CM	Bulk
06-17-37	31704	7.63	17.47	36.52		101	CM	Bulk
06-17-37	31705	7.11	16.39	37.41		99	CM	Bulk
06-17-37	31706	7.13	17.80	36.21		100	CM	Bulk
07-19-34	31709	7.18	17.43 *	36.69		99	CM	Bulk
11-03-13	33019+	13.10	4.34	14.73		110	CM	Bulk
13-03-07	33018	12.36	3.76	8.05		100	CM	Bulk
17-05-08	33020+	16.81	5.37	8.91		100	CM	Bulk
19-19-19	31703	20.14	20.20	18.80		102	CM	Bulk
20-00-04	33017	19.82	0.00	4.74		100	CM	Bulk
23-00-00	31707	23.10	0.00	0.00		99	CM	Bulk
25-00-00	31699	25.75	0.00	0.00		101	CM	Bulk
26-00-00	31708	26.66	0.00	0.00		100	CM	Bulk
31-09-11	31701	30.25	9.62	12.25		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.59	101.88	102.05				
ALL SAMPLES,CV %		6.1	7.64	4.38				
NUMBER OF ANALYSIS		15	11	12				
Deficiency Rate = 6.67 %								
-----								
SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437								
08-22-30	32837	9.15	22.84	30.54		101	CM	Bulk
09-22-29	31837	8.72	22.42	29.54		102	CM	Bulk
09-23-29	31833	8.73	23.26	30.95		101	CM	Bulk
09-23-29	31834	9.49	23.91	29.88		102	CM	Bulk
09-23-29	32840	9.24	23.66	29.19		100	CM	Bulk
09-23-30	32838	9.02	22.87	30.30		100	CM	Bulk
09-23-30	32839	9.52	23.80	29.85		102	CM	Bulk
09-23-30	32842	9.81	22.97	30.00		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437								
09-23-30	32843	8.70	22.86	30.45		100	CM	Bulk
09-23-30	32844	8.42	23.25	30.32		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		9.09	23.15	30.18		100.7		
CV, %		6.29	1.71	0.83				
18-12-25	32889	18.26	13.85	25.26		100	CM	Bulk
18-12-25	32890	17.70	14.08	25.49		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.13	102.34	100.94				
ALL SAMPLES,CV %		4.97	3.16	1.44				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								
SS (NICH) NICHOLASVILLE SVC NICHOLASVILLE KY 40356								
17-17-17	32909	17.54	18.29	17.56		101	CM	Bulk
18-00-02	32910	19.29	0.00	2.56		105	CM	Bulk
18-00-02	32911	18.57	0.00	2.73		102	CM	Bulk
19-19-19	32906	19.15	19.92	19.39		100	CM	Bulk
40-00-06	32907	41.02	0.00	7.68		102	CM	Bulk
40-00-06	32912	40.73	0.00	6.87		100	CM	Bulk
40-00-06	32913	41.49	0.00	6.61		101	CM	Bulk
SS (OWEN) COOP OWENSBORO OWENSBORO KY 42301								
00-22-30	30503	0.00	23.73	29.74		103	CM	Bulk
05-13-42	32286	5.18	13.77	41.74		99	CM	Bulk
05-15-40	32285	6.04	16.63	38.58 *		100	CM	Bulk
05-15-40	32287	5.90	15.37	39.15		99	CM	Bulk
09-23-30	32288	8.74	22.83	29.59		99	CM	Bulk
10-20-26	32289+	10.22	21.22	25.33		99	CM	Bulk
10-20-26	32293+	9.94	19.95	27.99		101	CM	Bulk
10-20-26	32294+	9.91	20.45	25.86		98	CM	Bulk
11-18-24	32290+	11.50	18.91	23.11		100	CM	Bulk
11-18-24	32291+	11.22	18.84	23.05		99	CM	Bulk
11-18-24	32292+	11.32	19.30	22.33 *		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.38	102.67	97.54				
ALL SAMPLES,CV %		2.09	3.59	3.16				
NUMBER OF ANALYSIS		10	11	11				
Deficiency Rate = 18.18 %								
SS (OWENT) OWENTON COOP, INC OWENTON KY 40359								
02-06-49	32194+	2.43	7.27	49.21		99	CM	Bulk
13-04-33	32958	14.34	4.13	32.14		99	CM	Bulk
17-05-07	32957	17.17	4.92	7.71		97	CM	Bulk
17-17-17	32197	17.94	18.07	18.01		102	CM	Bulk
19-19-19	32192	18.85	19.55	19.13		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (OWENT) OWENTON COOP, INC OWENTON KY 40359								
19-19-19	32193	19.06	20.75	18.60		100	CM	Bulk
20-05-25	32959	20.30	4.72	26.27		101	CM	Bulk
21-11-19	32955	21.58	12.83	18.75		101	CM	Bulk
21-13-13	32196	21.40	13.20	13.94		100	CM	Bulk
21-15-14	32195	21.20	17.24	14.14		102	CM	Bulk
23-07-23	32198	23.64	7.61	24.79		103	CM	Bulk
30-04-15	32956	31.48	4.53	14.91		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.81	101.21	99.40				
ALL SAMPLES,CV %		3.44	6.66	3.64				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								
SS (OWIN) OWINGSVILLE SVC OWINGSVILLE KY 40360								
09-24-24	31688	9.59	24.66	24.02		99	CM	Bulk
17-15-19	31691	16.79	15.66	20.18		100	CM	Bulk
19-19-19	31687	19.08	19.60	19.05		99	CM	Bulk
21-11-22	31689	20.79	12.14	22.26		98	CM	Bulk
22-11-22	31684	21.61	11.63	22.52		100	CM	Bulk
22-11-22	31685	21.61	11.72	22.24		100	CM	Bulk
22-11-22	31686	21.90	11.40	22.56		100	CM	Bulk
22-11-22	31690	21.98	11.63	22.56		101	CM	Bulk
22-11-22	31692	21.69	11.95	21.85		99	CM	Bulk
Statistical Analysis for Grade : 22-11-22								
Number of Samples This Grade : 5								
Average Analysis :		21.76	11.67	22.35		100.0		
CV, %		0.79	1.7	1.38				
32-00-17	31694	32.42	0.00	18.82		102	CM	Bulk
38-00-09	31693	37.89	0.00	9.72		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.39	101.00	100.98				
ALL SAMPLES,CV %		1.24	1.6	3.5				
NUMBER OF ANALYSIS		11	9	11				
Deficiency Rate = 0.00 %								
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-22	30662+	0.00	0.00	23.69		108	Mat	Bulk
00-00-22	31005+	0.00	0.00	22.14		101	Mat	Bulk
00-00-22	32069+	0.00	0.00	21.82		99	Mat	Bulk
00-00-22	32166+	0.00	0.00	21.92		100	Mat	Bulk
00-00-50	30580	0.00	0.00	50.34		101	Mat	Bulk
00-00-50	30983	0.00	0.00	50.64		101	Mat	Bulk
00-00-50	31529	0.00	0.00	51.49		103	Mat	Bulk
00-00-50	31676	0.00	0.00	49.73		99	Mat	Bulk
00-00-50	31905	0.00	0.00	50.46		101	Mat	Bulk
00-00-50	31967	0.00	0.00	51.36		103	Mat	Bulk
00-00-50	32070	0.00	0.00	51.42		103	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-50	32072	0.00	0.00	51.11		102	Mat	Bulk
00-00-50	32110	0.00	0.00	52.62		105	Mat	Bulk
00-00-50	32161	0.00	0.00	50.83		102	Mat	Bulk
00-00-50	32167	0.00	0.00	50.21		100	Mat	Bulk
00-00-50	32185	0.00	0.00	51.59		103	Mat	Bulk
00-00-50	32266	0.00	0.00	49.28		99	Mat	Bulk
00-00-50	32306	0.00	0.00	50.67		101	Mat	Bulk
00-00-50	32348	0.00	0.00	50.59		101	Mat	Bulk
00-00-50	32388	0.00	0.00	49.69		99	Mat	Bulk
00-00-50	32410	0.00	0.00	49.00		98	Mat	Bulk
00-00-50	32411	0.00	0.00	50.31		101	Mat	Bulk
00-00-50	32476	0.00	0.00	49.49		99	Mat	Bulk
00-00-50	32684	0.00	0.00	50.82		102	Mat	Bulk
00-00-50	32809	0.00	0.00	50.57		101	Mat	Bulk
00-00-50	32815	0.00	0.00	50.54		101	Mat	Bulk
00-00-50	32917	0.00	0.00	49.59		99	Mat	Bulk
00-00-50	32928	0.00	0.00	51.13		102	Mat	Bulk
00-00-50	32940	0.00	0.00	50.67		101	Mat	Bulk
00-00-50	32960	0.00	0.00	50.08		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 26								
Average Analysis :		0.00	0.00	50.55		101.1		
CV, %		0	0	1.6				
00-00-60	30050	0.00	0.00	59.15		99	Mat	Bulk
00-00-60	30051	0.00	0.00	60.06		100	Mat	Bulk
00-00-60	30052	0.00	0.00	59.90		100	Mat	Bulk
00-00-60	30053	0.00	0.00	59.85		100	Mat	Bulk
00-00-60	30061	0.00	0.00	59.19		99	Mat	Bulk
00-00-60	30062	0.00	0.00	60.46		101	Mat	Bulk
00-00-60	30063	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	30075	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	30076	0.00	0.00	60.08		100	Mat	Bulk
00-00-60	30080	0.00	0.00	59.21		99	Mat	Bulk
00-00-60	30081	0.00	0.00	60.73		101	Mat	Bulk
00-00-60	30114	0.00	0.00	60.92		102	Mat	Bulk
00-00-60	30120	0.00	0.00	60.90		102	Mat	Bulk
00-00-60	30121	0.00	0.00	61.28		102	Mat	Bulk
00-00-60	30158	0.00	0.00	61.12		102	Mat	Bulk
00-00-60	30160	0.00	0.00	60.70		101	Mat	Bulk
00-00-60	30236	0.00	0.00	60.65		101	Mat	Bulk
00-00-60	30242	0.00	0.00	60.39		101	Mat	Bulk
00-00-60	30338	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	30339	0.00	0.00	61.24		102	Mat	Bulk
00-00-60	30340	0.00	0.00	61.50		102	Mat	Bulk
00-00-60	30342	0.00	0.00	61.09		102	Mat	Bulk
00-00-60	30343	0.00	0.00	60.75		101	Mat	Bulk
00-00-60	30351	0.00	0.00	60.92		102	Mat	Bulk
00-00-60	30352	0.00	0.00	61.54		103	Mat	Bulk
00-00-60	30370	0.00	0.00	61.84		103	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	30375	0.00	0.00	61.58		103	Mat	Bulk
00-00-60	30431	0.00	0.00	59.83		100	Mat	Bulk
00-00-60	30432	0.00	0.00	62.47		104	Mat	Bulk
00-00-60	30433	0.00	0.00	61.96		103	Mat	Bulk
00-00-60	30576	0.00	0.00	60.72		101	Mat	Bulk
00-00-60	30621	0.00	0.00	59.79		100	Mat	Bulk
00-00-60	30627	0.00	0.00	61.00		102	Mat	Bulk
00-00-60	30628	0.00	0.00	60.02		100	Mat	Bulk
00-00-60	30629	0.00	0.00	60.78		101	Mat	Bulk
00-00-60	30630	0.00	0.00	60.60		101	Mat	Bulk
00-00-60	30663	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	30664	0.00	0.00	60.10		100	Mat	Bulk
00-00-60	30693	0.00	0.00	59.18		99	Mat	Bulk
00-00-60	30694	0.00	0.00	59.97		100	Mat	Bulk
00-00-60	30738	0.00	0.00	59.58		99	Mat	Bulk
00-00-60	30742	0.00	0.00	60.64		101	Mat	Bulk
00-00-60	30775	0.00	0.00	61.49		102	Mat	Bulk
00-00-60	30783	0.00	0.00	60.42		101	Mat	Bulk
00-00-60	30854	0.00	0.00	59.78		100	Mat	Bulk
00-00-60	30855	0.00	0.00	60.13		100	Mat	Bulk
00-00-60	30863	0.00	0.00	60.93		102	Mat	Bulk
00-00-60	30866	0.00	0.00	61.67		103	Mat	Bulk
00-00-60	30867	0.00	0.00	61.08		102	Mat	Bulk
00-00-60	30868	0.00	0.00	61.17		102	Mat	Bulk
00-00-60	30884	0.00	0.00	60.34		101	Mat	Bulk
00-00-60	30888	0.00	0.00	61.02		102	Mat	Bulk
00-00-60	30900	0.00	0.00	61.61		103	Mat	Bulk
00-00-60	30901	0.00	0.00	61.59		103	Mat	Bulk
00-00-60	30909	0.00	0.00	60.96		102	Mat	Bulk
00-00-60	30915	0.00	0.00	61.41		102	Mat	Bulk
00-00-60	30931	0.00	0.00	59.98		100	Mat	Bulk
00-00-60	30977	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	30982	0.00	0.00	60.31		101	Mat	Bulk
00-00-60	31002	0.00	0.00	60.75		101	Mat	Bulk
00-00-60	31036	0.00	0.00	59.24		99	Mat	Bulk
00-00-60	31047	0.00	0.00	59.71		100	Mat	Bulk
00-00-60	31068	0.00	0.00	60.72		101	Mat	Bulk
00-00-60	31077	0.00	0.00	59.98		100	Mat	Bulk
00-00-60	31084	0.00	0.00	60.95		102	Mat	Bulk
00-00-60	31085	0.00	0.00	60.10		100	Mat	Bulk
00-00-60	31211	0.00	0.00	60.60		101	Mat	Bulk
00-00-60	31212	0.00	0.00	61.14		102	Mat	Bulk
00-00-60	31290	0.00	0.00	61.21		102	Mat	Bulk
00-00-60	31291	0.00	0.00	60.47		101	Mat	Bulk
00-00-60	31526	0.00	0.00	61.61		103	Mat	Bulk
00-00-60	31634	0.00	0.00	61.33		102	Mat	Bulk
00-00-60	31682	0.00	0.00	59.12		99	Mat	Bulk
00-00-60	31683	0.00	0.00	59.29		99	Mat	Bulk
00-00-60	31806	0.00	0.00	60.03		100	Mat	Bulk
00-00-60	32048	0.00	0.00	61.54		103	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	32049	0.00	0.00	61.71		103	Mat	Bulk
00-00-60	32050	0.00	0.00	61.38		102	Mat	Bulk
00-00-60	32065	0.00	0.00	61.08		102	Mat	Bulk
00-00-60	32109	0.00	0.00	59.63		99	Mat	Bulk
00-00-60	32111	0.00	0.00	59.57		99	Mat	Bulk
00-00-60	32112	0.00	0.00	60.41		101	Mat	Bulk
00-00-60	32143	0.00	0.00	59.14		99	Mat	Bulk
00-00-60	32159	0.00	0.00	60.70		101	Mat	Bulk
00-00-60	32164	0.00	0.00	60.97		102	Mat	Bulk
00-00-60	32187	0.00	0.00	60.69		101	Mat	Bulk
00-00-60	32262	0.00	0.00	59.83		100	Mat	Bulk
00-00-60	32263	0.00	0.00	60.84		101	Mat	Bulk
00-00-60	32384	0.00	0.00	59.64		99	Mat	Bulk
00-00-60	32918	0.00	0.00	59.58		99	Mat	Bulk
00-00-60	32939	0.00	0.00	59.67		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 91								
Average Analysis :		0.00	0.00	60.56		100.9		
CV, %		0	0	1.26				
00-44-00	30303	0.00	45.96	0.00		104	Mat	Bulk
00-44-00	30368	0.00	46.72	0.00		106	Mat	Bulk
00-44-00	30371	0.00	46.31	0.00		105	Mat	Bulk
00-44-00	30372	0.00	46.72	0.00		106	Mat	Bulk
00-44-00	30374	0.00	46.80	0.00		106	Mat	Bulk
00-44-00	30376	0.00	46.67	0.00		106	Mat	Bulk
00-44-00	30377	0.00	47.19	0.00		107	Mat	Bulk
00-44-00	30430	0.00	46.42	0.00		106	Mat	Bulk
00-44-00	30434	0.00	46.49	0.00		106	Mat	Bulk
Statistical Analysis for Grade : 00-44-00								
Number of Samples This Grade : 9								
Average Analysis :		0.00	46.59	0.00		105.9		
CV, %		0	0.74	0				
10-10-10	30031	10.24	10.33	10.13		102	Blend	Bag
10-10-10	31038	9.59	10.15	11.07		102	Blend	Bag
10-10-10	32908	10.87	10.88	10.46		107	Blend	Bag
10-50-00	30159	10.82	49.70	0.00		101	Mat	Bulk
10-50-00	30349	10.65	50.57	0.00		102	Mat	Bulk
11-37-00	31345	11.18	35.98	0.00		99	Blend	Liq
11-52-00	32163	11.60	52.60	0.00		102	Mat	Bulk
12-40-00	30896+	12.12	40.30	0.00		101	Mat	Bulk
18-46-00	30054	17.63	45.62	0.00		99	Mat	Bulk
18-46-00	30077	17.73	45.36	0.00		99	Mat	Bulk
18-46-00	30113	17.82	46.41	0.00		100	Mat	Bulk
18-46-00	30122	18.04	46.82	0.00		101	Mat	Bulk
18-46-00	30169	18.14	45.97	0.00		100	Mat	Bulk
18-46-00	30170	17.66	45.91	0.00		99	Mat	Bulk
18-46-00	30237	17.53	46.56	0.00		100	Mat	Bulk
18-46-00	30238	17.65	45.39	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				
18-46-00	30241	17.60	45.28	0.00		98	Mat	Bulk
18-46-00	30301	18.01	46.23	0.00		100	Mat	Bulk
18-46-00	30302	18.06	46.44	0.00		101	Mat	Bulk
18-46-00	30337	17.71	45.85	0.00		99	Mat	Bulk
18-46-00	30341	17.88	47.23	0.00		102	Mat	Bulk
18-46-00	30350	17.68	47.23	0.00		101	Mat	Bulk
18-46-00	30369	18.00	46.48	0.00		101	Mat	Bulk
18-46-00	30373	17.67	46.50	0.00		100	Mat	Bulk
18-46-00	30426	17.83	46.37	0.00		100	Mat	Bulk
18-46-00	30427	18.14	46.96	0.00		102	Mat	Bulk
18-46-00	30428	17.96	46.82	0.00		101	Mat	Bulk
18-46-00	30577	18.01	45.86	0.00		100	Mat	Bulk
18-46-00	30578	17.74	46.11	0.00		100	Mat	Bulk
18-46-00	30579	17.72	45.92	0.00		99	Mat	Bulk
18-46-00	30588	17.90	46.27	0.00		100	Mat	Bulk
18-46-00	30589	18.01	46.08	0.00		100	Mat	Bulk
18-46-00	30616	17.85	45.09	0.00		98	Mat	Bulk
18-46-00	30617	17.69	45.31	0.00		98	Mat	Bulk
18-46-00	30618	17.81	45.66	0.00		99	Mat	Bulk
18-46-00	30619	17.75	45.53	0.00		99	Mat	Bulk
18-46-00	30620	17.91	45.17	0.00		99	Mat	Bulk
18-46-00	30622	17.63	45.42	0.00		98	Mat	Bulk
18-46-00	30623	17.94	45.59	0.00		99	Mat	Bulk
18-46-00	30624	17.63	45.53	0.00		99	Mat	Bulk
18-46-00	30625	17.75	45.24	0.00		98	Mat	Bulk
18-46-00	30656	17.83	45.14	0.00		98	Mat	Bulk
18-46-00	30657	17.96	45.85	0.00		100	Mat	Bulk
18-46-00	30658	18.25	45.63	0.00		100	Mat	Bulk
18-46-00	30660	17.90	45.53	0.00		99	Mat	Bulk
18-46-00	30692	18.04	46.15	0.00		100	Mat	Bulk
18-46-00	30697	18.00	46.69	0.00		101	Mat	Bulk
18-46-00	30736	17.81	46.59	0.00		100	Mat	Bulk
18-46-00	30737	17.99	46.72	0.00		101	Mat	Bulk
18-46-00	30744	17.85	46.31	0.00		100	Mat	Bulk
18-46-00	30747	17.91	46.19	0.00		100	Mat	Bulk
18-46-00	30774	17.79	45.67	0.00		99	Mat	Bulk
18-46-00	30781	17.67	44.99	0.00		98	Mat	Bulk
18-46-00	30782	17.82	45.29	0.00		99	Mat	Bulk
18-46-00	30788	17.74	45.34	0.00		99	Mat	Bulk
18-46-00	30856	17.60	46.17	0.00		99	Mat	Bulk
18-46-00	30865	17.92	45.85	0.00		100	Mat	Bulk
18-46-00	30869	17.64	45.56	0.00		99	Mat	Bulk
18-46-00	30870	17.80	45.95	0.00		100	Mat	Bulk
18-46-00	30871	17.75	45.78	0.00		99	Mat	Bulk
18-46-00	30885	17.72	45.69	0.00		99	Mat	Bulk
18-46-00	30886	17.69	45.58	0.00		99	Mat	Bulk
18-46-00	30895	17.61	46.16	0.00		99	Mat	Bulk
18-46-00	30899	17.91	46.39	0.00		100	Mat	Bulk
18-46-00	30903	17.65	45.49	0.00		99	Mat	Bulk
18-46-00	30904	17.48	46.05	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								
18-46-00	30917	18.02	45.58	0.00		99	Mat	Bulk
18-46-00	30933	17.87	45.77	0.00		99	Mat	Bulk
18-46-00	30976	18.08	45.35	0.00		99	Mat	Bulk
18-46-00	30979	18.16	45.22	0.00		99	Mat	Bulk
18-46-00	30981	17.87	46.00	0.00		100	Mat	Bulk
18-46-00	31004	17.18	45.88	0.00		98	Mat	Bulk
18-46-00	31034	18.17	45.17	0.00		99	Mat	Bulk
18-46-00	31035	17.88	46.31	0.00		100	Mat	Bulk
18-46-00	31049	17.96	45.95	0.00		100	Mat	Bulk
18-46-00	31056	17.87	46.40	0.00		100	Mat	Bulk
18-46-00	31057	17.76	46.16	0.00		100	Mat	Bulk
18-46-00	31058	17.97	46.45	0.00		101	Mat	Bulk
18-46-00	31059	17.78	46.29	0.00		100	Mat	Bulk
18-46-00	31067	17.78	45.74	0.00		99	Mat	Bulk
18-46-00	31069	17.65	46.01	0.00		99	Mat	Bulk
18-46-00	31076	17.91	46.39	0.00		100	Mat	Bulk
18-46-00	31209	17.24	45.93	0.00		98	Mat	Bulk
18-46-00	31210	17.71	45.71	0.00		99	Mat	Bulk
18-46-00	31288	17.62	46.06	0.00		99	Mat	Bulk
18-46-00	31289	17.50	45.97	0.00		99	Mat	Bulk
18-46-00	31530	18.34	46.51	0.00		101	Mat	Bulk
18-46-00	31531	17.67	46.10	0.00		99	Mat	Bulk
18-46-00	31538	17.71	45.47	0.00		99	Mat	Bulk
18-46-00	31636	17.68	45.89	0.00		99	Mat	Bulk
18-46-00	31674	17.83	46.45	0.00		100	Mat	Bulk
18-46-00	31679	17.72	46.36	0.00		100	Mat	Bulk
18-46-00	31681	17.91	46.09	0.00		100	Mat	Bulk
18-46-00	31807	18.26	46.59	0.00		101	Mat	Bulk
18-46-00	31808	18.07	46.34	0.00		101	Mat	Bulk
18-46-00	31810	17.86	46.64	0.00		101	Mat	Bulk
18-46-00	31894	18.07	46.32	0.00		101	Mat	Bulk
18-46-00	32034	18.15	47.76	0.00		103	Mat	Bulk
18-46-00	32045	17.94	46.51	0.00		101	Mat	Bulk
18-46-00	32046	17.96	47.11	0.00		101	Mat	Bulk
18-46-00	32047	18.06	47.16	0.00		102	Mat	Bulk
18-46-00	32068	18.17	46.66	0.00		101	Mat	Bulk
18-46-00	32104	18.05	46.57	0.00		101	Mat	Bulk
18-46-00	32105	17.99	46.62	0.00		101	Mat	Bulk
18-46-00	32106	17.77	46.48	0.00		100	Mat	Bulk
18-46-00	32107	17.66	46.53	0.00		100	Mat	Bulk
18-46-00	32108	17.72	46.86	0.00		101	Mat	Bulk
18-46-00	32162	17.82	46.50	0.00		100	Mat	Bulk
18-46-00	32183	18.23	46.28	0.00		101	Mat	Bulk
18-46-00	32264	17.85	46.52	0.00		100	Mat	Bulk
18-46-00	32265	17.79	46.46	0.00		100	Mat	Bulk
18-46-00	32305	18.21	46.94	0.00		102	Mat	Bulk
18-46-00	32385	17.59	45.82	0.00		99	Mat	Bulk
18-46-00	32386	17.73	46.17	0.00		100	Mat	Bulk
18-46-00	32501	17.84	47.49	0.00		102	Mat	Bulk
18-46-00	32817	17.88	45.29	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								
18-46-00	32914	17.72	46.02	0.00		99	Mat	Bulk
18-46-00	32938	17.66	45.71	0.00		99	Mat	Bulk
18-46-00	32990	17.90	45.43	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 111								
Average Analysis :		17.84	46.08	0.00		99.8		
CV, %		1.13	1.22	0				
21-00-00	30429+	21.21	0.00	0.00		101	Mat	Bulk
21-00-00	30659+	20.78	0.00	0.00		99	Mat	Bulk
21-00-00	30859+	21.30	0.00	0.00		101	Mat	Bulk
21-00-00	30914+	20.67	0.00	0.00		98	Mat	Bulk
21-00-00	30980+	21.50	0.00	0.00		102	Mat	Bulk
21-00-00	31976+	21.06	0.00	0.00		100	Mat	Bulk
21-00-00	32165+	20.81	0.00	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 21-00-00								
Number of Samples This Grade : 7								
Average Analysis :		21.05	0.00	0.00		100.2		
CV, %		1.46	0	0				
27-00-00	31074	27.53	0.00	0.00		102	Mat	Bulk
32-00-00	31322	31.88	0.00	0.00		100	Mat	Liq
32-00-00	33009	31.88	0.00	0.00		100	Mat	Liq
32-00-00	33010	31.88	0.00	0.00		100	Mat	Liq
32-00-00	33011	31.88	0.00	0.00		100	Mat	Liq
34-00-00	30743	33.98	0.00	0.00		101	Mat	Bulk
34-00-00	30858	33.50	0.00	0.00		100	Mat	Bulk
34-00-00	30887	33.95	0.00	0.00		100	Mat	Bulk
34-00-00	30889	34.06	0.00	0.00		100	Mat	Bulk
34-00-00	30932	33.73	0.00	0.00		101	Mat	Bulk
34-00-00	30936	33.85	0.00	0.00		101	Mat	Bulk
34-00-00	30978	33.56	0.00	0.00		100	Mat	Bulk
34-00-00	31032	33.49	0.00	0.00		98	Mat	Bulk
34-00-00	31033	33.62	0.00	0.00		99	Mat	Bulk
34-00-00	31680	34.14	0.00	0.00		100	Mat	Bulk
34-00-00	32071	33.47	0.00	0.00		100	Mat	Bulk
34-00-00	32184	33.82	0.00	0.00		101	Mat	Bulk
34-00-00	32649+	33.01	0.00	0.00		97	Blend	Bag
34-00-00	32916	33.83	0.00	0.00		101	Mat	Bulk
34-00-00	32987	33.55	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 15								
Average Analysis :		33.70	0.00	0.00		100.0		
CV, %		0.86	0	0				
46-00-00	30112	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	30581	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	30626	45.89	0.00	0.00		100	Mat	Bulk
46-00-00	30661	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	30665	45.89	0.00	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					
46-00-00	30666	45.86	0.00	0.00		100	Mat	Bulk
46-00-00	30695	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	30696	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	30741	45.68	0.00	0.00		99	Mat	Bulk
46-00-00	30745	45.22	0.00	0.00		98	Mat	Bulk
46-00-00	30746	45.39	0.00	0.00		99	Mat	Bulk
46-00-00	30748	45.35	0.00	0.00		99	Mat	Bulk
46-00-00	30773	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	30784	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	30787	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	30857	45.96	0.00	0.00		100	Mat	Bulk
46-00-00	30864	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	30882	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	30883	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	30897	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	30898	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	30905	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	30906	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	30907	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	30908	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	30916	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	30918	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	30934	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	30935	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	30975	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	30984	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	31001	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	31003	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	31037	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	31046	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	31048	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	31070	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	31071	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	31072	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	31073	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	31075	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	31078	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31083	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	31213	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	31214	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	31286	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	31287	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	31632	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31633	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	31635	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	31675	45.81	0.00	0.00		100	Mat	Bulk
46-00-00	31677	45.63	0.00	0.00		99	Mat	Bulk
46-00-00	31678	45.75	0.00	0.00		99	Mat	Bulk
46-00-00	31809	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	32066	45.96	0.00	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						
46-00-00	32067	45.96	0.00	0.00		100	Mat	Bulk
46-00-00	32158	45.78	0.00	0.00		100	Mat	Bulk
46-00-00	32186	45.46	0.00	0.00		99	Mat	Bulk
46-00-00	32261	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	32387	45.83	0.00	0.00		100	Mat	Bulk
46-00-00	32389	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	32390	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	32915	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	32937	46.10	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 64								
Average Analysis :		45.99	0.00	0.00		100.0		
CV, %		0.47	0	0				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.68	100.67	101.11				
ALL SAMPLES,CV %		1.54	2.03	1.71				
NUMBER OF ANALYSIS		210	128	124				
Deficiency Rate = 0.00 %								
-----								
SS (RICH) INC CROPS FARM		RICHMOND VA 23260						
19-19-19	32227	19.90	19.08	19.49		103	Blend	Bag
-----								
SS (RICH) RICHMOND SVC		RICHMOND KY 40475						
10-26-25	32207	10.17	26.63	26.18		101	CM	Bulk
10-26-25	32211	9.85	26.70	26.22		100	CM	Bulk
10-26-25	32212	9.90	27.14	25.49		100	CM	Bulk
19-19-19	32208	19.45	19.51	19.48		101	CM	Bulk
19-19-19	32209	19.04	19.68	19.08		99	CM	Bulk
19-19-19	32213	19.14	20.21	19.79		101	CM	Bulk
19-19-19	32215	18.53	19.17	19.95		99	CM	Bulk
23-00-30	32205	22.82	0.00	30.34		100	CM	Bulk
23-00-30	32210	22.31	0.00	29.28		97	CM	Bulk
23-00-30	32214	22.75	0.00	29.82		99	CM	Bulk
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.97	102.07	100.38				
ALL SAMPLES,CV %		1.59	1.67	1.77				
NUMBER OF ANALYSIS		10	7	10				
Deficiency Rate = 0.00 %								
-----								
SS (RUSS) COOP, INC.		RUSSELLVILLE KY 42276						
06-24-24	30591	6.09	23.86	25.90		103	Blend	Bag
06-24-24	30872	8.82	22.95	23.18		104	Blend	Bag
06-24-24	32097	8.80	24.74	23.87		108	Blend	Bag
10-10-10	30078	10.24	9.70	9.73		99	Blend	Bag
10-10-10	30162	10.10	10.33	10.83		104	Blend	Bag
10-10-10	30174	10.54	11.15	10.72		108	Blend	Bag
10-10-10	30528	9.23	10.06	9.38		95 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (RUSS) COOP, INC. RUSSELLVILLE KY 42276								
10-10-10	30592	9.58	9.36	8.88 *		93 *	Blend	Bag
10-10-10	30873	9.84	9.62	10.74		100	Blend	Bag
10-10-10	32652	9.41	10.13	9.85		97	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 7								
Average Analysis :		9.85	10.05	10.02		99.6		
CV, %		4.79	5.87	7.62				
10-20-20	30173	10.61	21.44	19.31		103	Blend	Bag
15-15-15	30175	14.51	15.89	14.59		100	Blend	Bag
19-19-19	30079	19.47	18.55	18.65		100	Blend	Bag
19-19-19	30161	18.15	19.95	20.51		102	Blend	Bag
19-19-19	30529	18.58	19.51	19.34		101	Blend	Bag
19-19-19	30590	18.45	19.45	20.61		102	Blend	Bag
19-19-19	30874	20.58	18.81	18.80		103	Blend	Bag
19-19-19	30996	19.55	20.13	18.60		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		19.13	19.40	19.42		101.6		
CV, %		4.75	3.19	4.75				
20-10-10	30172	23.22	9.74	10.68		110	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.67	101.30	101.00				
ALL SAMPLES,CV %		14.72	4.54	5.8				
NUMBER OF ANALYSIS		19	19	19				
Deficiency Rate = 10.53 %								
-----								
SS (RUSS) RUSSELLVILLE COOP RUSSELLVILLE KY 42276								
03-09-15	30387+	5.30	10.26	17.10		115	CM	Bulk
03-09-16	30386+	4.61	10.20	16.95		107	CM	Bulk
04-11-44	30538	4.39	11.55	44.97		100	CM	Bulk
04-11-44	30539	4.36	11.82	44.29		99	CM	Bulk
04-11-44	30540	4.25	11.64	44.78		99	CM	Bulk
08-20-32	30389	7.84	21.48	33.54		102	CM	Bulk
09-23-30	30254	8.59	22.33	31.04		100	CM	Bulk
09-23-30	30255	8.39	21.83	31.78		100	CM	Bulk
19-19-19	30388	19.33	19.69	20.17		102	CM	Bulk
37-00-00	31162+	37.21	0.00	0.00		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.30	101.33	103.38				
ALL SAMPLES,CV %		15.07	3.66	3.73				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 0.00 %								
-----								
SS (SHEL) SHELBYVILLE COOP SHELBYVILLE KY 40065								
07-18-35	30902	7.36	17.97	36.82		101	CM	Bulk
09-23-29	31903	9.06	24.15	30.99		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (SHEL) SHELBYVILLE COOP SHELBYVILLE KY 40065								
09-23-30	31901	8.61	24.20	31.41		103	CM	Bulk
10-06-08	31535	11.61	6.29	8.75		106	CM	Bulk
14-09-14	32975	15.32	9.83	13.99		104	CM	Bulk
19-07-23	32974	19.93	7.89	22.67		99	CM	Bulk
21-13-18	31536	21.27	13.80	18.59		101	CM	Bulk
24-13-13	31904	26.58	14.76	14.14		106	CM	Bulk
27-00-23	31532	28.67	0.00	23.45		101	CM	Bulk
27-13-13	31902	26.52	15.05	14.98		103	CM	Bulk
28-00-18	31900+	28.06	0.00	20.09		101	CM	Bulk
30-00-20	31533	31.07	0.00	20.66		102	CM	Bulk
30-00-20	31534	31.88	0.00	19.49		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.07	103.67	102.35				
ALL SAMPLES,CV %		3.94	3.88	3.96				
NUMBER OF ANALYSIS		13	9	13				
Deficiency Rate = 0.00 %								
-----								
SS (SOME) SOMERSET COOP SOMERSET KY 42503								
07-18-35	31965	8.06	20.76	34.07		102	CM	Bulk
17-17-17	31964	18.03	17.64	18.89		103	CM	Bulk
19-19-19	31961	19.27	19.94	19.95		102	CM	Bulk
19-19-19	31962	19.34	20.44	19.55		102	CM	Bulk
19-19-19	31963	19.54	20.00	19.78		102	CM	Bulk
19-19-19	31968	19.10	20.45	19.12		101	CM	Bulk
19-19-19	31969	19.05	20.38	18.93		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.26	20.24	19.47		101.2		
CV, %		1.02	1.24	2.22				
27-13-13	31960	26.96	15.04	14.15		102	CM	Bulk
29-00-21	31959	28.12	0.00	23.51		100	CM	Bulk
29-00-21	31966	28.53	0.00	23.52		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.10	105.34	102.46				
ALL SAMPLES,CV %		3.56	3.38	4				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
-----								
SS (SPRI) LEBANON-SPRINGFIELD BR SPRINGFIELD KY 40069								
19-19-19	31999	19.42	20.52	19.96		103	CM	Bulk
20-25-13	31993	20.47	25.45	13.23		100	CM	Bulk
20-25-13	31994	19.42	26.84	13.00		100	CM	Bulk
20-25-13	31995	19.72	26.23	13.07		100	CM	Bulk
21-18-18	32000	21.06	17.22	18.13		99	CM	Bulk
21-18-18	32001	20.46	18.53	18.00		99	CM	Bulk
26-12-15	31998	25.75	12.81	16.31		100	CM	Bulk
27-00-10	31997	27.47	0.00	10.86		100	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (SPRI) LEBANON-SPRINGFIELD BR SPRINGFIELD KY 40069								
27-09-16	31992	26.03	10.28	17.22		99	CM	Bulk
28-00-09	31996	27.77	0.00	10.30		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.23	102.80	101.63				
ALL SAMPLES,CV %		1.98	3.8	3.23				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
-----								
SS (STAN) STANFORD SVC STANFORD KY 40484								
05-13-42	30862	7.07	12.60	43.74		105	CM	Bulk
09-23-30	31763	8.97	24.09	29.96		101	CM	Bulk
18-00-36	31757	18.02	0.00	37.24		101	CM	Bulk
19-19-18	31762	18.63	18.56	19.53		97	CM	Bulk
20-19-17	31756	20.57	19.71	18.36		101	CM	Bulk
22-13-19	31761	21.73	14.70	20.65		101	CM	Bulk
23-00-30	31759	23.03	0.00	30.36		101	CM	Bulk
27-08-17	31758	26.17	9.49	19.04		101	CM	Bulk
30-00-00	31760	30.58	0.00	0.00		100	CM	Bulk
30-00-20	31755	30.45	0.00	21.89		103	CM	Bulk
30-00-20	31764	30.35	0.00	21.20		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.88	102.03	104.34				
ALL SAMPLES,CV %		11.69	5.73	3.1				
NUMBER OF ANALYSIS		11	6	10				
Deficiency Rate = 0.00 %								
-----								
SS (WARS) GALLATIN SVC WARSAW KY 41095								
08-22-29	32499	9.48	23.27	30.77		103	CM	Bulk
08-22-29	32500	9.02	24.23	29.28		101	CM	Bulk
11-30-20	32503	12.20	32.40	19.86		103	CM	Bulk
11-30-20	32504	11.63	31.79	20.28		101	CM	Bulk
19-19-19	31907	19.10	19.64	19.26		100	CM	Bulk
19-19-19	32502	18.91	20.65	19.17		101	CM	Bulk
22-14-19	31909	21.39	15.81	20.37		102	CM	Bulk
22-14-19	31910	20.87	16.47	20.73		102	CM	Bulk
24-09-20	31906	23.43	10.15	21.05		100	CM	Bulk
27-14-13	32505	26.41	15.10	13.74		100	CM	Bulk
28-00-16	31908	27.77	0.00	17.15		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.88	106.45	101.18				
ALL SAMPLES,CV %		3.35	3.47	3.51				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 0.00 %								
-----								
SS (WINC) CLARK COOP WINCHESTER KY 40391								
06-16-38	32145+	6.76	16.16	38.27		100	CM	Bulk
11-03-13	32141	11.12	3.57	13.94		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (WINC) CLARK COOP WINCHESTER KY 40391								
11-03-13	32142	11.13	3.53	12.93		99	CM	Bulk
17-16-24	32148+	17.31	16.81	24.36		101	CM	Bulk
23-00-30	32144	23.14	0.00	30.15		101	CM	Bulk
24-13-17	32146	25.26	13.06	16.79		100	CM	Bulk
27-00-24	32140	27.61	0.00	25.18		102	CM	Bulk
27-00-24	32147	26.81	0.00	24.94		100	CM	Bulk
29-00-20	32149+	29.52	0.00	21.85		101	CM	Bulk
29-00-20	32150+	29.78	0.00	24.18		105	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.88	103.96	103.33				
ALL SAMPLES,CV %		2.78	4.09	5.41				
NUMBER OF ANALYSIS		10	5	10				
Deficiency Rate = 0.00 %								
-----								
SS (WINC) COOP, INC. WINCHESTER KY 40391								
00-25-25	30913	0.00	25.00	25.07		100	Blend	Bag
05-10-10	31495	4.66	9.22	9.82		95 *	Blend	Bag
05-10-15	31080	5.48	11.32	15.59	*	107	Blend	Bag
05-10-15	31089	5.98	11.16	15.94		110	Blend	Bag
05-10-15	32063	4.73	10.15	15.58		102	Blend	Bag
05-10-15	32189	5.13	10.26	15.05		101	Blend	Bag
05-10-15	32602	4.83	11.32	16.04		107	Blend	Bag
05-10-15	32651	4.81	10.04	15.59		102	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade : 6								
Average Analysis :		5.16	10.71	15.63		104.7		
CV, %		9.46	5.77	2.23				
05-20-20	32188	5.79	20.91	19.90		104	Blend	Bag
05-20-20	32603	6.93	21.45	19.59		108	Blend	Bag
05-20-20	32650	7.66	19.52	20.41		108	Blend	Bag
06-12-12	31493	5.96	11.46	11.93		98	Blend	Bag
06-24-24	32096	6.90	24.16	25.79		106	Blend	Bag
06-24-24	32335	9.43	24.16	23.96		109	Blend	Bag
06-24-24	32626	9.89	23.85	23.91		109	Blend	Bag
10-10-10	30910	9.22	9.80	10.54		98	Blend	Bag
10-10-10	30972	10.13	10.55	10.32		103	Blend	Bag
10-10-10	30995	10.38	10.12	11.05		105	Blend	Bag
10-10-10	31081	10.29	10.56	10.60		105	Blend	Bag
10-10-10	31082	9.66	10.35	10.39		101	Blend	Bag
10-10-10	31088	10.19	10.37	10.83		104	Blend	Bag
10-10-10	31452	10.31	11.02	9.40		102	Blend	Bag
10-10-10	31464	10.43	9.12	10.64		101	Blend	Bag
10-10-10	31494	10.61	9.59	10.40		103	Blend	Bag
10-10-10	31911	9.93	10.21	10.62		102	Mnfr	Bag
10-10-10	31912	9.72	9.90	10.64		100	Mnfr	Bag
10-10-10	32098	9.53	9.51	10.78		99	Blend	Bag
10-10-10	32191	10.03	10.01	10.12		101	Blend	Bag
10-10-10	32547	9.92	9.96	10.16		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (WINC) COOP, INC. WINCHESTER KY 40391								
10-10-10	32606	9.80	9.42	10.83		100	Blend	Bag
10-10-10	32653	9.73	10.63	9.91		100	Blend	Bag
10-10-10	32749	9.91	10.27	9.60		99	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 17								
Average Analysis :		9.99	10.08	10.40		101.4		
CV, %		3.62	4.9	4.29				
10-20-20	31086	10.37	21.77	19.73		104	Blend	Bag
12-12-12	30911	12.55	12.07	11.60		101	Blend	Bag
12-12-12	30973	11.97	11.97	11.82		99	Blend	Bag
12-12-12	31914	12.27	12.76	13.93		108	Mnfr	Bag
13-13-13	32625	13.39	13.06	11.72 *		98	Blend	Bag
15-15-15	31338	15.60	15.63	15.50		104	Blend	Bag
15-15-15	32099	14.28	15.57	15.32		100	Blend	Bag
18-46-00	32605	17.71	46.21	0.00		100	Mat	Bulk
19-19-19	30912	19.45	19.02	18.85		101	Blend	Bag
19-19-19	30974	19.50	19.54	18.86		102	Blend	Bag
19-19-19	31079	19.49	19.02	19.91		103	Blend	Bag
19-19-19	31087	18.96	19.34	19.61		101	Blend	Bag
19-19-19	31339	18.59	20.08	19.59		102	Blend	Bag
19-19-19	31453	19.51	19.86	17.98		101	Blend	Bag
19-19-19	31496	20.57	19.91	18.35		104	Blend	Bag
19-19-19	31913	19.70	18.88	19.84		103	Mnfr	Bag
19-19-19	31975	19.16	20.34	18.60		102	Blend	Bag
19-19-19	32062	18.61	19.63	18.94		100	Blend	Bag
19-19-19	32190	19.28	18.95	19.91		102	Blend	Bag
19-19-19	32206	18.13	20.47	19.06		100	Blend	Bag
19-19-19	32548	19.88	20.22	18.02		102	Blend	Bag
19-19-19	32604	18.18	19.80	20.15		101	Blend	Bag
19-19-19	32648	19.33	20.48	18.68		102	Blend	Bag
19-19-19	32748	19.86	19.50	18.09		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 16								
Average Analysis :		19.26	19.69	19.03		101.6		
CV, %		3.36	2.77	3.83				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.22	102.44	101.92				
ALL SAMPLES,CV %		14.09	4.58	4.62				
NUMBER OF ANALYSIS		55	56	55				
Deficiency Rate = 3.57 %								
-----								
SS SEBREE BRANCH- OWENSBORO SEBREE KY 42455								
09-23-30	32797	9.25	22.92	30.64		101	CM	Bulk
09-23-30	32798	8.86	22.09	31.96		101	CM	Bulk
09-23-30	32999	8.98	22.48	31.83		102	CM	Bulk
09-23-30	33000	8.47	20.69 *	33.66		101	CM	Bulk
09-23-30	33003	8.96	22.19	31.79		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS SEBREE BRANCH- OWENSBORO SEBREE KY 42455								
09-23-30	33004	9.46	23.69	29.93		102	CM	Bulk
09-23-30	33005	8.94	22.88	30.83		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		8.99	22.42	31.52		101.5		
CV, %		3.46	4.17	3.82				
-----								
STANLEY CROP SERVICE LLC OWENSBORO KY 42301								
00-00-50	32280	0.00	0.00	50.84		102	Mat	Bulk
00-00-60	30425	0.00	0.00	60.67		101	Mat	Bulk
00-00-60	32277	0.00	0.00	60.51		101	Mat	Bulk
00-00-60	32278	0.00	0.00	60.26		100	Mat	Bulk
07-18-35	32282	7.18	19.68	34.77		100	CM	Bulk
07-18-35	32283	6.76	18.19	36.51		99	CM	Bulk
09-23-30	32270	8.88	23.81	28.74		99	CM	Bulk
09-23-30	32271	7.98 *	22.26	31.26		99	CM	Bulk
11-17-23	32281+	11.48	18.32	22.82		99	CM	Bulk
13-20-26	32273	13.44	20.02	27.06		101	CM	Bulk
13-34-14	32267	12.94	35.05	15.51		100	CM	Bulk
13-34-14	32268	13.21	34.68	15.83		101	CM	Bulk
18-16-22	32269	17.75	18.13	23.24		101	CM	Bulk
18-16-22	32272	17.92	16.79	23.93		101	CM	Bulk
18-46-00	30424	17.87	46.33	0.00		100	Mat	Bulk
18-46-00	32275	18.10	46.20	0.00		100	Mat	Bulk
18-46-00	32276	17.80	46.44	0.00		100	Mat	Bulk
21-00-00	32274+	21.84	0.00	0.00		104	Mat	Bulk
46-00-00	32279	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.53	101.20	101.95				
ALL SAMPLES,CV %		3.74	2.88	3.36				
NUMBER OF ANALYSIS		15	13	14				
Deficiency Rate = 5.26 %								
-----								
STOLLER ENTERPRISES, INC HOUSTON TX 77043								
00-00-00	33100+	0.00	0.00	0.00			Blend	Liq
00-00-00	33101+	0.00	0.00	0.00			Blend	Liq
-----								
SUN BULB COMPANY, INC. ARCADIA FL 34265								
11-35-15	31239+	12.03	35.49	14.85		103	Blend	Bag
20-14-13	31187+	20.68	14.19	12.39		101	Blend	Bag
20-14-13	32631+	19.67	13.81	13.22		99	Blend	Bag
-----								
SUPERIOR AG RESOURCES (ADMIN) HUNTINGBURG IN 47542								
28-00-00	33012	28.12	0.00	0.00		100	Mat	Liq
-----								
SWISS FARMS PRODUCTS, INC. LAS VEGAS NV 89169								
12-05-07	31230+	11.89	5.44	7.37		102	Blend	Bag
12-05-07	31364+	13.15	5.47	6.53		106	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SWISS FARMS PRODUCTS, INC.		LAS VEGAS NV		89169				
12-05-07	31389+	12.19	5.15	7.45		103	Blend	Bag
12-05-07	31445+	11.68	5.04	7.03		99	Blend	Bag
12-05-07	33090+	12.95	5.29	6.30 *		103	Blend	Bag
Statistical Analysis for Grade : 12-05-07								
Number of Samples This Grade : 5								
Average Analysis :		12.37	5.28	6.94		102.5		
CV, %		5.24	3.5	7.32				
12-10-05	32509+	11.53	10.37	6.75		105	Blend	Bag
12-10-05	32531+	12.53	11.95	5.85		111	Blend	Bag
15-30-15	31365+	15.60	30.50	16.44		104	Blend	Bag
15-30-15	31388+	16.41	29.71	15.36		103	Mnfr	Bag
15-30-15	32510	13.96	28.77	18.41		101	Blend	Bag
15-30-15	32530	14.47	30.55	14.71		99	Blend	Bag
15-30-15	33089+	14.95	31.50	16.75		105	Blend	Bag
Statistical Analysis for Grade : 15-30-15								
Number of Samples This Grade : 5								
Average Analysis :		15.08	30.21	16.33		102.6		
CV, %		6.36	3.39	8.69				
16-04-08	31231+	19.37	4.29	8.24		115	Blend	Bag
16-04-08	32529+	16.47	4.31	7.71		102	Blend	Bag
20-27-05	31093	18.65	28.61	4.94		99	Blend	Bag
20-27-05	32528	19.75	26.01	5.60		99	Blend	Bag
24-08-16	31484+	25.07	8.94	17.81		107	Mnfr	Bag
29-00-04	31487+	30.30	0.00	4.45		105	Blend	Bag
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.42	104.91	106.92				
ALL SAMPLES, CV %		6.69	5.54	10.25				
NUMBER OF ANALYSIS		18	17	18				
Deficiency Rate = 5.56 %								
-----								
T AND N, INC		FORISTELL MO		63348				
10-06-04	30837	10.33	6.63	3.89		104	Blend	Bag
25-00-02	31271	25.75	0.00	2.18		103	Blend	Bag
25-00-06	31270	26.29	0.00	6.45		106	Blend	Bag
-----								
TENNESSEE FARMERS COOP		LAVERGNE TN		37086				
00-00-60	30950	0.00	0.00	61.28		102	Mat	Bulk
12-24-24	30952	12.14	25.01	23.94		102	Mat	Bag
18-46-00	30948	18.02	46.34	0.00		101	Mat	Bulk
19-19-19	30951	19.84	18.55	20.01		103	Blend	Bag
34-00-00	30949	33.97	0.00	0.00		100	Mat	Bulk
46-00-00	30946	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	30947	46.02	0.00	0.00		100	Mat	Bulk
-----								
TERRAL RIVER SERVICE INC		LAKE PROVIDENCE LA		71254				
00-00-50	32717	0.00	0.00	51.98		104	Mat	Bulk
00-00-50	32718	0.00	0.00	50.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
TERRAL RIVER SERVICE INC LAKE PROVIDENCE LA 71254								
00-00-50	32994	0.00	0.00	50.99		102	Mat	Bulk
18-46-00	30960	17.90	45.60	0.00		99	Mat	Bulk
18-46-00	30961	17.93	45.63	0.00		99	Mat	Bulk
21-00-00	30698+	20.89	0.00	0.00		99	Mat	Bulk
46-00-00	30962	46.16	0.00	0.00		100	Mat	Bulk
-----								
THE ANDERSONS INC MAUMEE OH 43537								
06-18-06	31346+	6.03	17.51	5.97		99	Blend	Liq
06-18-06	31811+	6.55	18.37	6.03		104	Blend	Liq
06-18-06	32113+	7.94	16.26 *	5.59		102	Blend	Liq
12-12-12	33109	12.07	11.72	12.63		101	Blend	Bag
-----								
THE ANDERSONS LAWN FERT DIV MAUMEE OH 43537								
22-04-18	32419+	20.97	4.78	18.89		100	Blend	Bag
30-00-04	32418	30.46	0.00	3.62		101	Blend	Bag
-----								
THE SCOTTS CO. MARYSVILLE OH 43041								
07-12-15	31195	7.05	12.42	16.21		105	Blend	Liq
10-10-10	30834	11.39	10.30	11.44		111	Blend	Bag
10-10-10	31490	16.37	9.87	9.88		126	Blend	Bag
10-12-10	30836	10.85	14.33	11.71		114	Blend	Bag
11-02-02	30058+	11.50	2.21	1.65		103	Mnfr	Bag
12-04-08	30835	14.16	5.03	9.67		120	Blend	Bag
12-04-08	31090	13.62	5.31	9.38		117	Blend	Bag
12-04-08	31366	13.87	5.12	9.27		117	Blend	Bag
12-04-08	32508	12.65	5.78	9.96		116	Mnfr	Bag
14-00-00	30208	19.68	0.00	0.00		141	Blend	Bag
14-14-14	31444	14.70	13.90	13.05		100	Mnfr	Bag
14-14-14	32511	14.34	13.96	14.08		101	Mnfr	Bag
22-02-02	31447+	22.99	2.44	1.81		105	Blend	Bag
24-24-04	31409	24.14	24.68	4.49		102	Blend	Bag
24-24-04	32376	24.97	26.85	4.66		108	Blend	Bag
24-24-04	32632	24.71	25.14	4.22		104	Mnfr	Bag
24-25-04	30994	24.57	26.43	4.52		104	Mnfr	Bag
24-25-04	31196	24.77	24.83	3.76		101	Blend	Bag
24-25-04	31406	25.19	24.78	4.10		103	Blend	Bag
26-02-12	30098	26.64	1.76	12.96		103	Mnfr	Bag
28-00-03	32701	28.99	0.00	3.36		104	Mnfr	Bag
28-01-04	31183+	28.42	1.52	4.62		104	Mat	Bag
32-00-10	30097	32.93	0.00	10.27		103	Mnfr	Bag
32-00-10	32204+	31.17	0.00	10.60		99	Blend	Bag
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		109.26	112.54	107.46				
ALL SAMPLES,CV %		13.31	14.99	9.86				
NUMBER OF ANALYSIS		24	20	23				
Deficiency Rate = 0.00 %								
-----								
THOMAS CAYCE FARM SUPPLY, LLC PRINCETON KY 42445								
00-00-50	31377	0.00	0.00	51.30		103	Mat	Bulk
00-00-60	30043	0.00	0.00	60.36		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
THOMAS CAYCE FARM SUPPLY, LLC PRINCETON KY 42445								
00-00-60	31375	0.00	0.00	59.21		99	Mat	Bulk
00-00-60	31376	0.00	0.00	60.27		100	Mat	Bulk
10-25-26	30091	9.59	25.54	27.70		101	CM	Bulk
10-25-26	30092	10.09	26.77	26.40		102	CM	Bulk
10-25-26	30093	10.14	26.12	27.67		103	CM	Bulk
10-25-26	30094	10.16	27.08	26.33		102	CM	Bulk
10-25-26	30095	9.95	26.59	26.16		101	CM	Bulk
10-25-26	30096	10.31	27.07	26.17		102	CM	Bulk
Statistical Analysis for Grade : 10-25-26								
Number of Samples This Grade : 6								
Average Analysis :		10.04	26.53	26.74		101.6		
CV, %		2.48	2.26	2.76				
10-27-23	30041	10.47	29.19	23.54		101	CM	Bulk
10-27-23	30042	10.85	28.51	23.40		101	CM	Bulk
17-17-17	31373	18.40	17.86	17.26		101	CM	Bulk
18-46-00	30044	18.25	45.71	0.00		100	Mat	Bulk
18-46-00	31372	17.76	45.82	0.00		99	Mat	Bulk
18-46-00	31374	17.76	45.95	0.00		99	Mat	Bulk
21-11-14	31370	21.29	11.32	16.01		101	CM	Bulk
21-11-14	31371	21.50	11.15	16.04		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.30	101.07	101.68				
ALL SAMPLES,CV %		2.22	2.54	3.18				
NUMBER OF ANALYSIS		14	14	15				
Deficiency Rate = 0.00 %								
TIGER-SUL PRODUCTS, LLC ATMORE AL 36504								
00-00-00	30749+	0.00	0.00	0.00			Mat	Bag
00-00-00	31006+	0.00	0.00	0.00			Mat	Bag
00-00-00	31488+	0.00	0.00	0.00			Mat	Bag
00-00-00	32157+	0.00	0.00	0.00			Mat	Bag
00-00-00	32465+	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				
TRANSAMMONIA INC TAMPA FL 33607								
00-00-60	32437	0.00	0.00	61.25		102	Mat	Bulk
TRI COUNTY FERT. RICHMOND KY 40475-2014								
09-05-25	32855+	9.03	5.33	25.36		99	CM	Bulk
09-24-24	32851+	8.92	23.29	25.78		99	CM	Bulk
09-24-24	32852+	9.05	22.86	26.15		100	CM	Bulk
15-17-22	32853	15.12	17.69	22.60		99	CM	Bulk
18-00-31	32858	18.04	0.00	32.98		103	CM	Bulk
18-03-16	32854	17.62	3.69	18.32		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
TRI COUNTY FERT. RICHMOND KY 40475-2014								
34-00-14	32856	34.10	0.00	15.53		100	CM	Bulk
34-00-14	32857	33.59	0.00	16.03		100	CM	Bulk
34-00-14	32859	34.37	0.00	15.59		101	CM	Bulk
34-00-14	32860	34.00	0.00	16.05		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.77	98.30	104.53				
ALL SAMPLES,CV %		1.9	4.57	3.66				
NUMBER OF ANALYSIS		10	5	10				
Deficiency Rate = 0.00 %								
-----								
TRIMBLE CO FARM MILTON KY 40045								
00-00-36	32694	0.00	0.00	35.60		99	CM	Bulk
00-00-50	30922	0.00	0.00	51.34		103	Mat	Bulk
00-00-60	30923	0.00	0.00	60.61		101	Mat	Bulk
06-17-37	32690	6.79	16.81	37.71		100	CM	Bulk
09-23-30	32498	8.56	22.77	30.42		99	CM	Bulk
10-08-12	32695	9.79	8.56	12.57		100	CM	Bulk
10-08-12	32696	9.66	8.60	12.44		99	CM	Bulk
10-08-12	32699	9.47	8.35	12.46		98	CM	Bulk
10-08-12	32700	9.21	8.76	12.98		100	CM	Bulk
11-52-00	30921	11.47	51.58	0.00		100	Mat	Bulk
15-09-14	32697	15.33	9.82	14.26		99	CM	Bulk
15-09-14	32698	14.08 *	10.02	14.52		96 *	CM	Bulk
18-46-00	32299	17.76	46.47	0.00		100	Mat	Bulk
18-46-00	32692	17.70	47.04	0.00		101	Mat	Bulk
20-12-12	32691	20.09	12.82	12.39		98	CM	Bulk
29-00-00	32693	29.06	0.00	0.00		99	CM	Bulk
46-00-00	30920	46.01	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.15	101.13	100.23				
ALL SAMPLES,CV %		3.9	2.17	1.64				
NUMBER OF ANALYSIS		14	12	12				
Deficiency Rate = 5.88 %								
-----								
TWO RIVERS, INC DRAKESBORO KY 42337								
19-19-19	32525	18.72	20.39	18.57		99	CM	Bulk
21-24-12	32152	22.13	25.39	10.66 *		100	CM	Bulk
-----								
U.S. BORAX INC. BORON CA 93516								
00-00-00	32086+	0.00	0.00	0.00			Mat	Bag
00-00-00	32463+	0.00	0.00	0.00			Mat	Bag
-----								
UF GRANULAR FERTILIZERS MORRAL OH 43337								
40-00-00	33046+	40.91	0.00	0.00		102	Mat	Bulk
-----								
UNITED SUPPLIERS ELDORA IA 50627								
28-00-00	30596	28.00	0.00	0.00		100	Mat	Liq
-----								
VALLEY FERTILIZER SVC. EDMONTON KY 42129								
06-14-40	31804	6.03	14.04	41.47		101	CM	Bulk
10-26-25	31802	10.22	25.87	26.70		101	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
VALLEY FERTILIZER SVC.		EDMONTON KY 42129						
18-18-18	30649	17.58	19.55	19.68		102	CM	Bulk
19-19-19	30667	18.68	20.01	18.54		100	CM	Bulk
19-19-19	31800	18.79	20.38	19.30		100	CM	Bulk
19-19-19	31801	18.98	19.12	19.69		99	CM	Bulk
19-19-19	31839	18.91	19.90	18.11		98	CM	Bulk
27-13-13	31803	26.41	14.30	13.72		100	CM	Bulk
27-13-13	31805	26.86	14.06	13.65		100	CM	Bulk
27-13-13	31838	27.55	14.34	12.69		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.88	102.62	100.70				
ALL SAMPLES,CV %		1.78	2.74	4.08				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
VARIOUS REPORTING COMPANIES		LEXINGTON KY 40546						
01-00-04	32978	1.98	0.00	20.71		436	Mnfr	Bag
07-06-05	33048+	7.22	6.68	5.79		109	Mnfr	Bag
10-20-05	31469+	9.59	19.55	5.21		98	Blend	Liq
10-20-05	32663+	10.22	19.16	4.96		99	Blend	Liq
12-00-00	31466+	11.28	0.00	0.00		94 *	Mat	Liq
21-00-00	33045+	21.53	0.00	0.00		103	Mat	Bulk
-----								
VOLUNTARY PURCHASING		BONHAM TX 75418						
04-04-05	31477+	5.72	4.08	5.54		121	Blend	Bag
06-01-01	33031+	6.32	1.16	1.95		115	Mnfr	Bag
09-13-07	33033+	10.55	14.87	5.90 *		109	Blend	Bag
-----								
WARNER FERT CO. (ALBA)		ALBANY KY 42602						
09-25-25	33041	10.09	25.17	24.97		99	CM	Bulk
10-26-25	30188	10.37	26.40	26.54		102	CM	Bulk
13-08-12	32892+	13.01	8.55	12.96		98	CM	Bulk
16-16-16	33043	16.07	16.92	18.37		102	CM	Bulk
17-17-17	31957	18.45	16.70	17.44		101	CM	Bulk
17-17-17	33042	16.89	18.58	18.59		101	CM	Bulk
21-11-14	31958	21.24	11.66	14.62		101	CM	Bulk
22-11-22	31956	20.72	11.68	23.23		99	CM	Bulk
23-08-12	31955	23.13	8.92	13.58		100	CM	Bulk
-----								
WARNER FERT CO. (CAMP)		CAMPBELLSVILLE KY 42718						
08-20-33	32679	8.15	19.43	34.79		101	CM	Bulk
12-10-35	30846	12.19	10.39	35.61		103	CM	Bulk
16-11-15	32672	16.23	11.30	14.57		99	CM	Bulk
17-17-17	31182	18.88	16.28 *	16.60 *		98	CM	Bulk
19-19-19	32675	18.83	18.38	20.77		100	CM	Bulk
19-19-19	32677	19.35	19.99	19.02		100	CM	Bulk
19-19-19	32678	19.26	19.36	19.05		99	CM	Bulk
20-11-14	32676+	20.33	11.55	14.93		101	CM	Bulk
20-14-14	32674	20.22	14.06	14.96		99	CM	Bulk
29-11-11	32667	29.64	12.34	12.38		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (CAMP) CAMPBELLSVILLE KY 42718								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.63	99.59	101.29				
ALL SAMPLES,CV %		3.18	5.16	4.37				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
WARNER FERT CO. (COLU) COLUMBIA KY 42728								
09-23-30	31592	9.72	23.28	30.26		102	CM	Bulk
09-23-30	31593	9.81	24.78	28.99		103	CM	Bulk
19-18-19	31589	20.37	20.08	19.77		104	CM	Bulk
19-19-19	31588	19.65	19.53	20.15		102	CM	Bulk
19-19-19	31590	20.18	19.48	19.84		103	CM	Bulk
20-17-12	32332+	20.32	19.77	11.83		102	CM	Bulk
20-17-12	32333+	20.28	19.86	11.69		102	CM	Bulk
25-11-17	32331	25.50	11.76	17.36		100	CM	Bulk
26-00-24	31341	26.15	0.00	26.21		100	CM	Bulk
27-13-13	31591	26.95	14.11	13.94		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.65	105.19	100.84				
ALL SAMPLES,CV %		4.25	5.07	3.83				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
-----								
WARNER FERT CO. (EAST) EAST BERNSTADT KY 40729								
19-19-19	31922	19.22	20.82	20.54		104	CM	Bulk
19-19-19	31923	18.45	20.50	19.15		99	CM	Bulk
19-19-19	31924	18.44	19.74	18.91		98	CM	Bulk
19-19-19	31926	18.62	20.37	19.01		99	CM	Bulk
19-19-19	31927	18.90	20.41	19.76		101	CM	Bulk
19-19-19	31930	18.65	21.06	18.05		99	CM	Bulk
19-19-19	31931	18.97	20.29	19.19		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		18.75	20.46	19.23		100.0		
CV, %		1.55	2.04	4				
20-10-10	31925	19.46	11.26	9.97		99	CM	Bulk
23-16-16	31928	23.47	17.56	15.19		100	CM	Bulk
23-16-16	31929	22.96	17.98	15.19		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.47	106.61	99.05				
ALL SAMPLES,CV %		1.56	2.84	4.31				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
WARNER FERT CO. (LIBE) LIBERTY KY 42539								
09-09-09	32225	9.44	9.95	10.94		105	CM	Bulk
15-06-34	32220	15.55	6.75	35.32		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (LIBE) LIBERTY KY 42539								
15-06-34	32224	15.77	7.28	36.21		104	CM	Bulk
19-19-19	32218	18.53	19.60	21.12		101	CM	Bulk
19-19-19	32469	18.97	19.84	18.84		99	CM	Bulk
19-19-19	32470	18.20	19.13	20.48		99	CM	Bulk
19-19-19	32471	18.83	19.47	19.45		99	CM	Bulk
19-19-19	32895	19.77	20.45	18.07		100	CM	Bulk
19-19-19	32896	19.47	19.83	18.84		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		18.96	19.72	19.47		99.8		
CV, %		3.07	2.25	5.86				
21-15-20	32223	21.54	16.61	18.98		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.23	103.35	102.93				
ALL SAMPLES,CV %		2.68	3.68	6.62				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
WARNER FERT CO. (MONT) MONTICELLO KY 42633								
10-26-26	32482	10.13	25.39	27.33		101	CM	Bulk
10-26-26	32483	10.12	26.58	26.12		101	CM	Bulk
19-19-19	31943	17.79 *	19.84	21.06		100	CM	Bulk
19-19-19	31945	16.75 *	18.10	19.42		93 *	CM	Bulk
19-19-19	31946	18.55	19.44	20.45		100	CM	Bulk
19-19-19	31948	18.39	19.56	19.72		99	CM	Bulk
19-19-19	32481	20.28	17.63 *	19.11		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.35	18.91	19.95		98.1		
CV, %		7.03	5.19	3.98				
21-14-14	31944	20.70	13.61	15.25		100	CM	Bulk
27-13-13	31949	26.66	13.99	14.18		100	CM	Bulk
27-13-13	31950	26.61	13.37	14.20		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.53	98.98	103.50				
ALL SAMPLES,CV %		5.04	4.07	3.32				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 30.00 %								
-----								
WARNER FERT CO. (NAN) NANCY KY 42544								
15-06-28	31584	16.00	7.07	28.10		101	CM	Bulk
16-07-27	31578	15.08	7.17	28.83		100	CM	Bulk
17-17-17	31579	18.35	18.31	17.52		102	CM	Bulk
17-17-17	31586	18.98	18.83	16.68		103	CM	Bulk
19-19-19	31581	19.10	19.78	20.36		102	CM	Bulk
19-19-19	31582	19.42	19.13	19.24		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (NAN)		NANCY KY 42544						
19-19-19	31585	18.93	19.70	20.88		102	CM	Bulk
21-09-14	31580	22.16	10.41	15.03		102	CM	Bulk
22-10-15	31587	22.78	10.46	15.09		103	CM	Bulk
23-11-11	31583	24.32	11.20	11.99		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.43	101.81	101.44				
ALL SAMPLES,CV %		3.68	3.17	3.91				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
WARNER FERT CO. (RUSS)		RUSSELL SPRINGS KY 42642						
06-15-40	32541	5.60	14.63	41.15		100	CM	Bulk
07-18-36	32552	7.22	17.54	37.97		102	CM	Bulk
08-10-23	32556+	8.42	10.54	24.53		101	CM	Bulk
11-00-40	32555	9.98 *	0.00	42.04		100	CM	Bulk
16-11-30	32549	16.55	11.51	30.36		102	CM	Bulk
19-19-18	32550	19.51	20.08	20.15		104	CM	Bulk
19-19-19	32558	19.95	19.92	19.17		102	CM	Bulk
19-19-19	32559	19.39	19.97	20.17		102	CM	Bulk
19-19-19	32560	20.06	19.17	19.68		102	CM	Bulk
25-11-17	32551	25.87	11.86	17.93		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.27	99.95	103.46				
ALL SAMPLES,CV %		5.04	3.44	2.1				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 10.00 %								
-----								
WARNER FERT CO. (SOM)		SOMERSET KY 42502						
00-00-50	30780	0.00	0.00	50.02		100	Mat	Bulk
00-00-50	31247	0.00	0.00	49.84		100	Mat	Bulk
00-00-50	32716	0.00	0.00	50.25		101	Mat	Bulk
00-00-50	32891	0.00	0.00	51.33		103	Mat	Bulk
00-00-50	32898	0.00	0.00	50.54		101	Mat	Bulk
00-00-50	32919	0.00	0.00	51.06		102	Mat	Bulk
00-00-50	32932	0.00	0.00	49.28		99	Mat	Bulk
00-00-50	32984	0.00	0.00	49.31		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 8								
Average Analysis :		0.00	0.00	50.20		100.4		
CV, %		0	0	1.49				
00-00-60	30211	0.00	0.00	59.71		100	Mat	Bulk
00-00-60	30423	0.00	0.00	60.51		101	Mat	Bulk
00-00-60	30531	0.00	0.00	59.74		100	Mat	Bulk
00-00-60	30532	0.00	0.00	59.39		99	Mat	Bulk
00-00-60	30650	0.00	0.00	59.76		100	Mat	Bulk
00-00-60	30689	0.00	0.00	59.42		99	Mat	Bulk
00-00-60	30752	0.00	0.00	60.08		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (SOM) SOMERSET KY 42502								
00-00-60	30753	0.00	0.00	60.81		101	Mat	Bulk
00-00-60	30759	0.00	0.00	61.31		102	Mat	Bulk
00-00-60	30778	0.00	0.00	61.18		102	Mat	Bulk
00-00-60	30816	0.00	0.00	60.54		101	Mat	Bulk
00-00-60	30937	0.00	0.00	59.63		99	Mat	Bulk
00-00-60	30938	0.00	0.00	61.38		102	Mat	Bulk
00-00-60	31040	0.00	0.00	60.38		101	Mat	Bulk
00-00-60	31043	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	31095	0.00	0.00	61.11		102	Mat	Bulk
00-00-60	31099	0.00	0.00	59.27		99	Mat	Bulk
00-00-60	31242	0.00	0.00	60.58		101	Mat	Bulk
00-00-60	31250	0.00	0.00	61.68		103	Mat	Bulk
00-00-60	31419	0.00	0.00	59.20		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 20								
Average Analysis :		0.00	0.00	60.32		100.5		
CV, %		0	0	1.29				
05-10-15	30654	4.89	9.50	20.45		119	Blend	Bag
05-20-20	30652	8.78	21.18	17.90 *		109	Blend	Bag
05-20-20	31181	8.22	20.37	16.93 *		104	Blend	Bag
05-20-20	32221	7.76	21.88	18.09 *		108	Blend	Bag
06-12-12	32923	6.36	12.09	12.08		102	Blend	Bag
08-00-12	32490	10.55	0.00	12.41		108	CM	Bulk
09-18-27	32924	10.13	18.04	27.87		104	Blend	Bag
09-18-27	33024	8.19	16.18 *	30.38		103	Blend	Bag
10-10-10	30014	11.66	10.34	9.64		106	Blend	Bag
10-10-10	30038	9.91	10.85	11.12		106	Blend	Bag
10-10-10	30040	9.63	10.27	10.37		101	Blend	Bag
10-10-10	30056	10.65	10.58	9.75		104	Blend	Bag
10-10-10	30655	10.18	10.09	9.71		100	Blend	Bag
10-10-10	30757	9.96	9.91	9.85		99	Blend	Bag
10-10-10	30763	9.58	11.61	9.71		102	Blend	Bag
10-10-10	30820	9.73	9.78	8.20 *		93 *	Blend	Bag
10-10-10	30944	9.97	10.33	9.85		100	Blend	Bag
10-10-10	31101	10.02	9.80	9.81		99	Mat	Bag
10-10-10	31343	9.30	10.44	9.29		96 *	Blend	Bag
10-10-10	32219	9.91	10.73	10.33		103	Blend	Bag
10-10-10	32538	8.49 *	9.95	10.09		94 *	Blend	Bag
10-10-10	32921	10.30	10.92	10.62		106	Blend	Bag
10-10-10	32995	10.35	9.96	9.94		101	Blend	Bag
10-10-10	33025	9.74	10.45	9.48		99	Blend	Bag
10-10-10	33094	10.20	10.36	9.79		101	Blend	Bag
10-10-10	33103	9.48	11.31	10.08		102	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 18								
Average Analysis :		9.95	10.43	9.87		100.6		
CV, %		6.41	4.88	6.07				
15-15-15	30025	15.34	16.35	18.25		110	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (SOM) SOMERSET KY 42502								
15-15-15	30039	15.29	15.67	16.83		106	Blend	Bag
15-15-15	30758	15.99	16.80	15.94		108	Blend	Bag
15-15-15	30819	15.60	16.95	17.48		110	Blend	Bag
15-15-15	32216	14.68	16.85	15.09		103	Blend	Bag
15-15-15	32222	15.86	16.30	15.43		106	Blend	Bag
15-15-15	32922	14.47	15.71	15.17		100	Blend	Bag
15-15-15	33104	15.88	16.59	15.86		107	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade : 8								
Average Analysis :		15.39	16.40	16.25		106.3		
CV, %		3.67	3.03	7.07				
17-17-17	32925	17.76	19.29	18.72		109	Blend	Bag
18-46-00	30651	17.72	46.56	0.00		100	Mat	Bulk
18-46-00	30683	17.86	46.49	0.00		100	Mat	Bulk
18-46-00	30688	17.77	46.41	0.00		100	Mat	Bulk
18-46-00	30754	18.02	46.18	0.00		100	Mat	Bulk
18-46-00	30762	17.65	46.14	0.00		99	Mat	Bulk
18-46-00	30777	17.69	45.86	0.00		99	Mat	Bulk
18-46-00	30815	17.64	45.60	0.00		99	Mat	Bulk
18-46-00	30844	17.72	46.43	0.00		100	Mat	Bulk
18-46-00	30943	18.09	45.29	0.00		99	Mat	Bulk
18-46-00	31039	18.32	46.54	0.00		101	Mat	Bulk
18-46-00	31045	18.30	46.05	0.00		101	Mat	Bulk
18-46-00	31094	17.75	46.77	0.00		101	Mat	Bulk
18-46-00	31096	17.96	47.13	0.00		101	Mat	Bulk
18-46-00	31240	17.94	45.89	0.00		100	Mat	Bulk
18-46-00	31249	18.28	46.17	0.00		101	Mat	Bulk
18-46-00	31420	18.26	45.89	0.00		100	Mat	Bulk
18-46-00	32897	17.74	46.02	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 17								
Average Analysis :		17.92	46.20	0.00		100.1		
CV, %		1.37	0.96	0				
19-19-19	30055	18.95	18.75	20.27		102	Blend	Bag
19-19-19	30653	18.60	22.33	16.76 *		101	Blend	Bag
19-19-19	30690	18.52	19.69	18.52		99	Blend	Bag
19-19-19	30818	18.54	18.95	16.22 *		95 *	Blend	Bag
19-19-19	30945	18.99	18.72	17.67 *		97	Blend	Bag
19-19-19	31180	19.37	19.63	18.24		101	Blend	Bag
19-19-19	31418	19.23	19.45	20.19		103	Blend	Bag
19-19-19	31970	18.74	19.74	19.70		100	CM	Bulk
19-19-19	32217	18.25	20.32	19.70		101	Blend	Bag
19-19-19	32533	18.44	20.34	18.45		100	Blend	Bag
19-19-19	32562	20.64	18.81	19.16		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (SOM) SOMERSET KY 42502								
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 11								
Average Analysis :		18.93	19.70	18.63		100.0		
CV, %		3.5	5.33	7.23				
20-10-10	32926	20.54	10.77	10.90		105	Blend	Bag
21-00-00	30940+	20.40	0.00	0.00		97	Mat	Bulk
27-09-16	31971	27.80	10.03	15.99		100	CM	Bulk
27-09-16	31972	27.33	9.76	16.13		99	CM	Bulk
27-11-14	32554	27.69	10.80	16.40		102	CM	Bulk
27-30-00	32488	28.69	29.79	0.00		102	CM	Bulk
28-12-15	32920	27.59	12.52	14.67		101	CM	Bulk
29-09-14	32553	29.55	9.48	14.58		101	CM	Bulk
32-00-18	32489	31.47	0.00	19.68		101	CM	Bulk
34-00-00	30668	33.87	0.00	0.00		100	Mat	Bulk
34-00-00	30669	33.34	0.00	0.00		98	Mat	Bulk
34-00-00	30671	33.82	0.00	0.00		99	Mat	Bulk
34-00-00	30686	33.38	0.00	0.00		98	Mat	Bulk
34-00-00	30691	34.21	0.00	0.00		101	Blend	Bag
34-00-00	30779	33.87	0.00	0.00		101	Mat	Bulk
34-00-00	30817	33.53	0.00	0.00		100	Mat	Bulk
34-00-00	30821	34.09	0.00	0.00		100	Blend	Bag
34-00-00	30941	34.13	0.00	0.00		100	Mat	Bulk
34-00-00	31097	34.11	0.00	0.00		100	Mat	Bulk
34-00-00	31098	34.21	0.00	0.00		101	Mat	Bulk
34-00-00	31179	34.38	0.00	0.00		101	Mat	Bag
34-00-00	31243	34.09	0.00	0.00		100	Mat	Bulk
34-00-00	31244	34.42	0.00	0.00		101	Mat	Bulk
34-00-00	31421	33.87	0.00	0.00		100	Mat	Bulk
34-00-00	32654	34.10	0.00	0.00		100	Mat	Bag
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 16								
Average Analysis :		33.96	0.00	0.00		100.1		
CV, %		0.95	0	0				
46-00-00	30670	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	30672	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	30684	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	30685	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	30687	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	30755	45.43	0.00	0.00		99	Mat	Bulk
46-00-00	30756	45.78	0.00	0.00		100	Mat	Bulk
46-00-00	30760	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	30761	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	30776	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	30813	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	30814	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	30845	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	30939	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	30942	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (SOM) SOMERSET KY 42502								
46-00-00	31041	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	31042	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31044	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	31100	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	31241	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31245	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	31246	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	31248	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	32542	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	32557	46.02	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 25								
Average Analysis :		46.08	0.00	0.00		100.2		
CV, %		0.37	0	0				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.03	103.26	101.04				
ALL SAMPLES,CV %		11	5.1	7.37				
NUMBER OF ANALYSIS		113	69	81				
Deficiency Rate = 7.09 %								
-----								
WARNER FERT CO. (STANF) STANFORD KY 40484								
08-22-29	31744	9.15	21.50	28.41		99	CM	Bulk
12-00-21	33022	12.89	0.00	22.75		104	CM	Bulk
12-04-01	32934	12.02	4.96	6.35		134	CM	Bulk
12-24-24	32935	12.43	25.34	23.96		101	CM	Bulk
13-00-00	32933	12.02	0.00	0.00		92 *	CM	Bulk
19-19-19	32593	19.65	19.78	18.78		100	CM	Bulk
20-00-20	32936	19.44	0.00	21.36		101	CM	Bulk
22-00-29	33023+	21.84	0.00	30.58		102	CM	Bulk
33-00-16	32594	33.58	0.00	16.58		101	CM	Bulk
36-00-12	31745	36.68	0.00	12.37		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.43	103.30	142.94				
ALL SAMPLES,CV %		3.59	5.96	85.87				
NUMBER OF ANALYSIS		10	4	9				
Deficiency Rate = 10.00 %								
-----								
WARNER FERT CO. (TOMPK) TOMPKINSVILLE KY 42167								
04-11-21	30812	4.28	10.22	20.23 *		94 *	CM	Bulk
08-21-28	30811	9.49	23.58	26.62 *		103	CM	Bulk
17-17-17	31797	19.16	17.14	15.77 *		99	CM	Bulk
19-16-15	31793	18.92	16.92	16.83		102	CM	Bulk
19-19-19	31794	19.25	20.74	19.01		101	CM	Bulk
19-19-19	31796	18.44	19.49	19.85		99	CM	Bulk
20-15-15	31795	19.27	16.24	16.25		101	CM	Bulk
20-15-15	31799	20.03	14.33	16.06		100	CM	Bulk
24-13-17	30822	24.19	13.34	17.46		99	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (TOMPK) TOMPKINSVILLE KY 42167								
39-00-08	31798	39.60	0.00	9.66		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.46	101.05	101.26				
ALL SAMPLES,CV %		5.32	5.91	7.09				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 30.00 %								
-----								
WATERWAY AG INC. METROPOLIS IL 62960								
00-00-22	30607+	0.00	0.00	22.05		100	Mat	Bulk
00-00-60	30609	0.00	0.00	60.59		101	Mat	Bulk
00-00-60	31858	0.00	0.00	60.01		100	Mat	Bulk
18-46-00	30677	17.97	44.99	0.00		99	Mat	Bulk
18-46-00	31856	18.34	46.79	0.00		102	Mat	Bulk
32-00-00	32569	31.98	0.00	0.00		100	Mat	Liq
34-00-00	30676	34.20	0.00	0.00		101	Mat	Bulk
46-00-00	30608	45.80	0.00	0.00		100	Mat	Bulk
46-00-00	31857	46.03	0.00	0.00		100	Mat	Bulk
-----								
WINFIELD SOLUTIONS LLC ST. PAUL MN 55164								
00-00-00	30187+	0.00	0.00	0.00			Mat	Bag
10-10-10	30997	11.00	10.81	10.84		109	Blend	Bag
10-10-10	31060	9.84	9.72	9.56		97	Blend	Bag
10-10-10	31396	11.06	12.70	10.03		112	Blend	Bag
10-10-10	32629	10.57	11.86	11.67		113	Blend	Bag
12-12-12	30217	12.55	12.89	12.15		104	Blend	Bag
12-12-12	31000	14.38	12.06	13.69		113	Blend	Bag
12-12-12	31102	13.16	12.76	12.08		106	Blend	Bag
12-12-12	31113	9.65 *	12.79	11.39		92 *	Blend	Bag
12-12-12	31174	11.38	12.06	12.61		100	Blend	Bag
12-12-12	32201	11.76	11.68	10.78 *		95 *	Blend	Bag
12-12-12	32628	12.07	12.18	12.36		102	Blend	Bag
12-12-12	33039	12.09	11.76	11.34		98	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade : 8								
Average Analysis :		12.13	12.27	12.05		101.2		
CV, %		11.28	3.9	7.46				
16-06-16	31019	19.87	5.95	15.08		110	Blend	Bag
18-24-06	30999	16.69	23.55	5.69		95 *	Blend	Bag
18-24-06	33040	17.91	22.92	5.87		98	Blend	Bag
23-00-07	33114+	23.82	0.00	6.17 *		101	Blend	Bag
24-00-04	31252+	25.63	0.00	4.65		108	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.54	104.12	100.91				
ALL SAMPLES,CV %		9.82	8.4	8.66				
NUMBER OF ANALYSIS		17	15	17				
Deficiency Rate = 27.78 %								
-----								
WOODFORD FEED CO. VERSAILLES KY 40383								
00-00-59	32297+	0.00	0.00	60.19		102	CM	Bulk
00-00-60	31142	0.00	0.00	60.01		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WOODFORD FEED CO.		VERSAILLES KY 40383						
00-00-60	31915	0.00	0.00	60.52		101	Mat	Bulk
18-46-00	31143	17.66	45.35	0.00		98	Mat	Bulk
23-00-25	32689	22.95	0.00	27.45	*	103	CM	Bulk
30-05-13	32687+	30.71	5.68	13.68		100	CM	Bulk
31-05-12	32688	30.76	5.98	12.87		101	CM	Bulk
32-05-13	32295	32.18	6.09	14.43		102	CM	Bulk
34-00-00	31141	33.70	0.00	0.00		101	Mat	Bulk
34-00-00	31916	33.59	0.00	0.00		100	Mat	Bulk
34-00-00	32298	33.68	0.00	0.00		101	Mat	Bulk
34-00-14	32491	32.79 *	0.00	18.17		101	CM	Bulk
34-00-14	32492	32.89 *	0.00	17.61		101	CM	Bulk
34-00-14	32493	34.08	0.00	16.18		101	CM	Bulk
34-00-14	32494	34.26	0.00	15.41		100	CM	Bulk
34-00-14	32495	34.26	0.00	15.84		101	CM	Bulk
Statistical Analysis for Grade : 34-00-14								
Number of Samples This Grade : 5								
Average Analysis :		33.65	0.00	16.64		100.9		
CV, %		2.23	0	7.12				
35-00-11	32296+	35.42	0.00	13.52		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.33	105.43	109.26				
ALL SAMPLES,CV %		2.17	9.14	8.07				
NUMBER OF ANALYSIS		14	4	13				
Deficiency Rate = 11.76 %								
-----								
YARA NORTH AMERICA		TAMPA FL 33602						
16-00-00	32534+	15.45	0.00	0.00		100	Mnfr	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, INC. (HERN)		HERNDON	KY		
	30481	10-25-25	Zn	00.58	00.80
AGRI-CHEM, INC. (TRENT)		TRENTON	KY		
	30324	08-22-25	Mg	01.62	02.00
			SO4	03.23	03.67
	30325	08-22-25	Mg	01.62	02.32
			SO4	03.23	04.25
	30326	08-22-25	SO4	03.23	04.08
AGRIUM ADVANCED TECHNOLOGIES U		REESE	MI		
	32424	00-00-00	Ca	10.00	08.97*
			Mg	05.00	09.14
			B	10.00	09.11
	32643	00-00-00	Mg	05.00	05.59
			B	00.25	00.22
			Cu	00.25	01.90
			Zn	15.00	19.33
	31454	01-00-00	SO4	14.00	14.01
			Zn	20.00	23.57
	31455	02-00-00	SO4	14.00	12.77*
			Zn	20.00	26.13
	32087	02-00-00	SO4	14.00	12.74*
			Zn	20.00	26.65
	32464	02-00-00	SO4	14.00	14.57
			Zn	20.00	24.70
AGRIUM U.S. INC. (DENV)		DENVER	CO		
	30067	03-15-30	Zn	00.20	00.14*
			Mg	01.00	01.49
			SO4	04.00	05.39
			B	00.20	00.22
			Fe	00.20	00.39
	30721	06-12-18	B	00.05	00.07
			Fe	00.25	00.48
			Zn	00.05	00.05
	30437	18-08-00	SO4	18.00	19.69
			Zn	02.00	02.16
	30176	44-00-00	CSRN	40.00	45.21
	30566	44-00-00	CSRN	40.00	43.20
	30573	44-00-00	CSRN	40.00	45.05
	30601	44-00-00	CSRN	40.00	43.56
	30602	44-00-00	CSRN	40.00	42.66
	30635	44-00-00	CSRN	40.00	43.88
	30705	44-00-00	CSRN	40.00	42.86
	30733	44-00-00	CSRN	40.00	44.54
	30791	44-00-00	CSRN	40.00	43.77
	30800	44-00-00	CSRN	40.00	43.56

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AGRIUM U.S. INC. (DENV)		DENVER	CO		
	30894	44-00-00	CSRN	40.00	44.33
	30988	44-00-00	CSRN	40.00	44.03
	31051	44-00-00	CSRN	40.00	43.24
	31052	44-00-00	CSRN	40.00	44.32
	31573	44-00-00	CSRN	40.00	42.59
	32043	44-00-00	CSRN	40.00	42.06
	32057	44-00-00	CSRN	40.00	44.76
	32255	44-00-00	CSRN	40.00	42.18
	32260	44-00-00	CSRN	40.00	41.82
AGRO CULTURE LIQUID FERT.		ST. JOHNS	MI		
	30594	00-00-00	B	00.02	00.02
			Cu	00.25	00.23
			Fe	00.37	00.33*
			Mn	01.20	01.06*
			Zn	01.80	01.74
	30804	00-00-00	SO4	08.70	08.69
			Mn	00.07	00.09
			Zn	00.07	00.10
	30805	00-00-00	B	00.02	00.03
			Cu	00.25	00.26
			Fe	00.37	00.36
			Mn	01.20	01.19
			Zn	01.80	01.95
	30807	09-24-03	Fe	00.10	00.25
	32060	09-24-03	Fe	00.10	00.24
AMERICAN PLANT FOOD CORPORATIO		GALENA PARK	TX		
	31061	21-00-00	SO4	24.00	24.54
ANTLER KING TROPHY PRODUCTS IN		BLACK RIVER FALLS	WI		
	30020	09-17-08	Fe	00.30	00.29
			Zn	00.05	00.06
BANDANA AG INC.		LA CENTER	KY		
	30065	12-40-00	SO4	05.00	04.68
BEATY FERTILIZER		CLEVELAND	TN		
	32953	18-02-04	Ca	01.15	02.03
BICKETT AGRI CTR.		CENTRAL CITY	KY		
	32524	08-21-27	Zn	00.66	00.68
BLACK GOLD ENVIROSAFE INC		OXFORD	FL		
	31485	08-05-05	WIN	06.80	06.74
			Ca	04.00	06.47
			SO4	01.00	01.66

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
BLACK GOLD ENVIROSAFE INC		OXFORD	FL		
	32634	08-05-05	WIN	06.80	08.36
BLOOMFIELD FERTILIZER CHEM CO.		BLOOMFIELD	KY		
	31852	19-11-14	SO4	08.47	09.43
	31853	19-11-14	SO4	08.47	08.63
	31840	21-00-00	SO4	24.00	24.40
	31844	22-00-16	SO4	09.95	10.07
	31845	22-00-16	SO4	09.95	09.19*
	31846	22-00-16	SO4	09.95	10.70
	31847	22-00-16	SO4	09.95	09.23*
BOUGAINVILLEA GROWERS INTERNAT		ST JAMES CITY	FL		
	32633	06-08-10	WIN	02.40	02.28
			Mg	01.50	01.96
			B	00.06	00.13
			Cu	00.06	00.12
			Fe	05.00	04.52
			Mn	00.50	00.47
			Mo	00.0010	00.0007
C & F FARM SUPPLY, INC.		HISEVILLE	KY		
	31308	10-10-11	Mg	05.89	06.46
			SO4	11.79	12.96
			B	00.54	00.38*
			Zn	01.29	01.38
C. D. POORE FERTILIZER		ALBANY	KY		
	32893	09-23-22	B	00.64	00.60
			Zn	02.30	02.76
	32992	16-16-16	SO4	05.91	06.77
			Zn	00.59	00.61
	30765	21-00-00	SO4	24.00	24.42
CAMERON CHEMICALS, INC.		PORTSMOUTH	VA		
	31007	00-00-00	B	15.00	12.93*
	31066	00-00-00	Zn	36.00	42.84
	31251	00-00-00	B	15.00	13.31*
	31489	00-00-00	B	15.00	12.80*
	32160	00-00-00	B	15.00	14.38
	32349	00-00-00	B	15.00	13.25*
	32350	00-00-00	Zn	36.00	44.07
	32535	00-00-00	Mg	36.00	34.26*
	32536	00-00-00	B	10.00	08.46*
CECILIA FARM SVC INC.		CECILIA	KY		
	30382	11-17-23	SO4	05.40	06.07

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CECILIA FARM SVC INC.		CECILIA			
	30383	13-16-19	SO4	07.74	08.10
CEN FARMERS SUP. OF GREEN		GREENSBURG			
	33097	14-08-12	Mg	01.79	02.66
			SO4	03.57	06.16
			B	00.12	00.12
Zn			00.24	00.22	
CENTRAL CROP CARE		CRAB ORCHARD			
	32093	00-00-45	Mg	04.13	03.93
			SO4	08.25	08.07
	31197	09-09-33	Mg	02.18	02.04
	32094	23-00-11	Mg	05.50	05.33
			SO4	11.00	10.27
	32595	24-11-13	Mg	01.23	01.45
			SO4	02.47	03.19
			B	00.07	00.09
			Cu	00.04	00.04
			Zn	00.25	00.28
	32596	24-11-13	Mg	01.23	01.52
			SO4	02.47	03.18
			B	00.07	00.10
			Cu	00.04	00.04
			Zn	00.25	00.25
	32600	24-11-13	Mg	01.23	01.35
			SO4	02.47	02.98
			B	00.07	00.07
Cu			00.04	00.03	
Zn			00.25	00.25	
CLEMENTS AG SUPP.		SPRINGFIELD			
	32515	16-16-16	SO4	06.57	07.20
	32517	16-16-16	SO4	06.57	07.22
	32514	19-00-27	SO4	05.45	05.43
	30772	21-00-00	SO4	24.00	24.47
CLEMENTS AG SUPPLY (DANV)		DANVILLE			
	30709	21-00-00	SO4	24.00	24.45
CNI AGRIMINERALS, LLC		ALBANY			
	31342	00-00-00	Fe	08.00	08.62
			Zn	36.00	47.94
CROP PRODUCTION SVC (CAMP)		CAMPBELLSVILLE			
	31749	29-10-13	Mg	00.12	00.36
			B	00.01	00.01
			Cu	00.01	00.03
Zn			00.37	00.30*	

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC (CAMP)		CAMPBELLSVILLE	KY		
	30848	32-00-00	SO4	12.90	13.05
CROP PRODUCTION SVC (CLA)		CLAY	KY		
	31815	04-13-40	Zn	00.33	00.37
	31816	04-13-40	Zn	00.33	00.37
	31819	04-13-40	Zn	00.33	00.37
	31820	04-13-40	Zn	00.33	00.37
	31813	07-24-24	Zn	00.60	00.59
	31814	07-24-24	Zn	00.60	00.66
CROP PRODUCTION SVC (CYN)		CYNTHIANA	KY		
	33015	18-13-20	SO4	06.80	07.56
	33014	24-08-18	SO4	06.20	06.99
	33013	30-06-08	SO4	02.80	03.39
CROP PRODUCTION SVC (EKR)		EKRON	KY		
	31870	11-12-32	Zn	00.71	00.92
	31871	11-12-32	Zn	00.71	00.96
	31874	15-00-31	B	00.51	00.45
			Zn	01.03	01.32
CROP PRODUCTION SVC (FANC)		FANCY FARM	KY		
	32415	12-17-22	SO4	06.00	07.14
	32416	12-17-22	SO4	06.00	07.02
CROP PRODUCTION SVC (GLEN)		GLENDALE	KY		
	31669	14-00-29	SO4	07.78	07.77
CROP PRODUCTION SVC (HARD)		HARDIN	KY		
	30311	02-06-10	SO4	00.86	00.92
	30312	02-06-10	SO4	00.86	00.97
	30392	02-08-12	SO4	01.03	01.02
	31889	04-13-40	SO4	01.67	01.72
	31890	04-13-40	SO4	01.67	01.72
	31891	04-13-40	SO4	01.67	01.72
	30313	06-20-30	SO4	02.50	02.88
	30314	06-20-30	SO4	02.50	02.94
CROP PRODUCTION SVC (LEB)		LEBANON	KY		
	31595	23-11-11	SO4	06.22	06.50
	31597	23-11-11	SO4	06.22	06.84
	31598	23-11-11	SO4	06.22	06.77

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC (MOR)		MORGANFIELD	KY		
	31835	06-20-30	Zn	00.50	00.63
	31836	06-20-30	Zn	00.50	00.63
	30797	18-14-18	SO4	01.80	01.99
			Zn	00.36	00.40
	30798	18-14-18	SO4	01.80	01.99
			Zn	00.36	00.39
	30799	18-14-18	SO4	01.80	02.03
			Zn	00.36	00.40
CROP PRODUCTION SVC (OBORO)		OWENSBORO	KY		
	30441	04-08-26	Zn	00.13	00.18
	30442	04-08-26	Zn	00.13	00.15
	30443	04-08-26	Zn	00.13	00.19
	30444	04-08-26	Zn	00.13	00.12
	30445	04-08-26	Zn	00.13	00.14
	30438	07-17-35	Zn	00.11	00.08*
	30439	07-17-35	Zn	00.11	00.11
	30440	07-17-35	Zn	00.11	00.10
CROP PRODUCTION SVC (RIVERPORT)		OWENSBORO	KY		
	33007	39-00-00	SO4	06.00	06.12
	33008	39-00-00	SO4	06.00	05.93
CROP PRODUCTION SVC (RUSSEL)		RUSSELLVILLE	KY		
	32007	13-26-17	SO4	03.43	06.06
	32008	13-26-17	SO4	03.43	06.25
	30713	29-00-00	SO4	01.20	01.14
CROP PRODUCTION SVC (SAC)		SACRAMENTO	KY		
	30522	04-19-33	Zn	00.54	00.61
			Mn	00.46	00.47
	30523	04-19-33	Mn	00.46	00.52
			Zn	00.54	00.69
	30524	04-19-33	Mn	00.46	00.50
			Zn	00.54	00.62
	30525	04-19-33	Mn	00.46	00.50
			Zn	00.54	00.60
CROP PRODUCTION SVC (SCHOC)		RUSSELLVILLE	KY		
	30123	08-26-20	Zn	00.67	00.79
	30124	08-26-20	Zn	00.67	00.76
	30126	08-26-20	Zn	00.67	00.85
	30127	08-26-20	Zn	00.67	00.75
	30128	08-26-20	Zn	00.67	00.85
	30148	08-26-20	SO4	03.33	03.13
			Zn	00.67	00.72



TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC (SCHOC)		RUSSELLVILLE	KY		
	30149	08-26-20	SO4	03.33	03.67
			Zn	00.67	00.85
	30156	08-26-20	SO4	03.33	03.42
			Zn	00.67	00.80
	30157	08-26-20	SO4	03.33	03.66
			Zn	00.67	00.88
	30125	08-27-20	Zn	00.67	00.78
CROP PRODUCTION SVC (SHEL)		SHELBYVILLE	KY		
	31521	40-04-00	SO4	02.62	02.74
	31522	40-04-00	SO4	02.62	02.64
CROP PRODUCTION SVC (SLA)		SLAUGHTERS	KY		
	30330	09-22-29	Ca	00.06	00.29
			Mg	00.03	00.40
			B	00.06	00.07
	30331	09-22-29	Ca	00.06	00.31
			Mg	00.03	00.34
			B	00.06	00.07
	30334	09-22-29	Ca	00.07	00.30
			Mg	00.03	00.38
			B	00.07	00.08
CROP PRODUCTION SVC (WAV)		WAVERLY	KY		
	31830	05-18-33	Zn	00.45	00.47
	31824	06-19-32	Zn	00.47	00.50
	31825	06-19-32	Zn	00.47	00.50
	31831	06-19-32	Zn	00.47	00.48
	31823	06-20-30	Zn	00.50	00.55
	31827	06-20-30	Zn	00.50	00.54
	31828	06-20-30	Zn	00.50	00.53
	31829	06-20-30	Zn	00.50	00.54
	31832	07-22-27	Zn	00.55	00.56
CROP PRODUCTION SVC INC		GREELEY	CO		
	30989	02-00-00	Ca	18.00	19.75
			Mg	05.00	05.33
			SO4	06.00	04.95*
			B	00.33	00.38
			Cu	00.33	00.39
			Fe	02.00	03.42
			Mn	00.50	00.69
			Zn	02.75	03.83
	30134	03-15-30	Mg	01.00	01.34
			SO4	04.00	05.19
			B	00.20	00.20
			Fe	00.20	00.42
			Zn	00.10	00.12

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC INC		GREELEY	CO		
	30714	08-00-00	SO4	10.00	08.32*
	30118	12-40-00	SO4	05.00	05.20
			Zn	01.00	01.13
	30133	12-40-00	SO4	05.00	05.39
	30559	12-40-00	SO4	05.00	05.34
			Zn	01.00	01.29
	30575	21-00-00	SO4	24.00	24.29
	30603	21-00-00	SO4	24.00	24.23
	30704	21-00-00	SO4	24.00	24.31
	30720	21-00-00	SO4	24.00	24.20
	30734	21-00-00	SO4	24.00	24.30
	30852	21-00-00	SO4	24.00	24.36
	30853	21-00-00	SO4	24.00	24.38
	30990	21-00-00	SO4	24.00	24.12
	31511	21-00-00	SO4	24.00	23.99
	31207	44-00-00	CSRN	40.00	43.96
	31208	44-00-00	CSRN	40.00	43.83
	31382	44-00-00	CSRN	40.00	43.04
	31384	44-00-00	CSRN	40.00	43.46
	31512	44-00-00	CSRN	40.00	43.96
	31518	44-00-00	CSRN	40.00	43.51
	32077	44-00-00	CSRN	40.00	42.62
	32083	44-00-00	CSRN	40.00	43.33
DELTAG		GREENVILLE	MS		
	32664	08-00-18	B	00.38	00.32
DREXEL CHEMICAL CO.		MEMPHIS	TN		
	31064	25-00-00	B	00.50	00.44
EASY GARDNER		WACO	TX		
	31016	02-07-04	WIN	01.20	01.92
			Ca	07.00	14.04
			Mg	00.50	00.81
	31392	03-05-03	WIN	01.80	02.36
			Ca	08.00	11.21
			Mg	00.50	00.72
			SO4	01.00	01.28
	31393	03-05-04	WIN	01.80	02.46
			Ca	08.00	12.39
			Mg	00.50	00.75
			SO4	01.60	01.06*
	31135	04-04-04	Ca	08.00	11.74
			Mg	00.50	00.73
	31266	04-04-04	WIN	02.80	03.33
			Ca	08.00	11.84
			Mg	00.50	00.77

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
EASY GARDNER		WACO	TX		
	31285	04-04-04	WIN	02.80	03.22
			Ca	08.00	11.42
			Mg	00.50	00.80
	31391	04-04-04	WIN	03.20	03.06
			Ca	08.00	12.08
			Mg	00.50	00.80
			SO4	01.40	01.33
	31610	04-04-04	WIN	02.80	02.49
			Ca	08.00	12.57
			Mg	00.50	00.72
			SO4	01.40	01.20
	32377	04-04-04	Ca	08.00	12.77
			Mg	00.50	00.73
EAU CLAIRE CO-OP OIL CO.		EAU CLAIRE	WI		
	30137	20-00-09	Fe	01.00	00.92
	30138	22-00-10	WIN	02.40	02.29
			Fe	01.00	01.08
	31232	24-00-03	Fe	01.00	00.98
	31233	26-00-03	WIN	03.70	02.60*
		Fe	01.00	01.45	
ENCAP, LLC		GREEN BAY	WI		
	31234	00-00-00	Ca	11.00	13.34
			SO4	09.00	10.43
			Fe	09.90	08.59*
	31235	00-00-00	Ca	11.00	12.63
			SO4	09.00	09.90
	31400	00-00-00	Ca	11.00	11.86
			SO4	09.00	08.72
31401	00-00-00	Ca	11.00	13.48	
		SO4	09.00	10.09	
		Fe	09.90	09.03	
ENVIRO-SAFE LABS, INC		SARASOTA	FL		
	32532	08-05-05	WIN	06.80	07.16
		Ca	04.50	07.14	
ESPOMA CO.		MILLVILLE	NJ		
	30001	03-04-04	Ca	05.00	04.63
			Mg	01.00	02.21
			SO4	02.00	03.72
	31018	03-04-04	WIN	02.20	02.62
			Ca	05.00	04.47*
		Mg	01.00	01.54	
		SO4	02.00	02.66	

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ESPOMA CO.		MILLVILLE	NJ		
	33028	03-04-04	WIN	02.20	02.68
	31137	03-04-05	Ca	05.00	04.69
			Mg	00.50	01.03
			SO4	01.00	02.35
	30838	03-04-06	WIN	02.10	02.67
			Ca	08.00	07.49
			SO4	03.00	03.23
	33029	04-02-02	WIN	02.50	01.74*
	31607	04-03-03	WIN	03.40	02.57*
			Ca	04.00	04.23
			Mg	01.00	01.44
			SO4	02.00	02.34
	30194	04-03-04	WIN	02.50	02.36
			Ca	03.00	03.47
			Mg	01.00	01.81
	31450	05-03-03	WIN	03.00	03.95
	30750	09-00-00	WIN	07.60	07.23
			Ca	01.00	01.65
	32546	12-00-00	WIN	12.00	13.90
FARMERS FERTILIZER CO.		BOWLING GREEN	KY		
	32024	29-10-13	Zn	00.11	00.11
	32027	29-10-13	Zn	00.11	00.14
	32029	29-10-13	Zn	00.11	00.14
FARMERS FERTILIZER CO.(KELLY R		BOWLING GREEN	KY		
	31622	04-12-21	B	00.22	00.18*
FARMERS FERTILIZER CO.(NASH. R		BOWLING GREEN	KY		
	32018	34-06-08	Zn	00.63	00.68
	32021	34-06-08	Zn	00.63	00.77
FLEMING CO FARM SUPP.		FLEMINGSBURG	KY		
	32438	00-00-29	B	00.32	00.32
	32618	32-06-10	Zn	00.83	01.06
FOXFARM SOIL & FERTILIZER COMP		ARCATA	CA		
	31478	05-08-04	Ca	07.87	12.11
			Mg	00.85	01.25
FRIT INDUSTRIES		OZARK	AL		
	30186	00-00-00	Zn	36.00	45.59
	31263	00-00-00	B	14.60	14.41
	32774	00-00-00	Zn	20.00	28.61

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GENERAL HYDROPONICS		SEBASTOPOL	CA		
	32980	00-05-04	Mg	01.50	01.63
GREEN LIGHT A VALENT USA CO		WALNUT CREEK	CA		
	32375	12-55-06	Fe	00.10	00.12
GRIFFIN INDUSTRIES LLC		COLD SPRING	KY		
	33050	05-06-06	WIN	04.50	05.98
			Ca	07.00	07.53
			Mg	01.50	02.06
	33054	08-03-05	WIN	07.20	07.01
			Ca	03.00	03.11
			Mg	02.20	02.13
	33051	08-05-05	WIN	06.80	06.88
			Ca	04.50	06.66
	33049	10-00-08	WIN	09.00	09.62
			Ca	01.00	01.08
	33055	10-02-08	WIN	09.00	08.36
			Ca	01.80	02.85
	33057	12-02-06	WIN	05.60	05.93
			Ca	02.00	02.89
	33056	13-00-00	WIN	12.04	11.74
	30026	21-03-07	SO4	02.00	02.36
	33053	21-03-07	Ca	02.00	05.93
	33052	27-00-02	Ca	01.00	03.82
GRO TEC INC.		MADISON	GA		
	31092	12-10-10	SO4	09.00	09.29
			B	00.02	00.00*
			Fe	02.00	02.60
			Mn	00.10	00.03*
			Mo	00.0005	00.0007
			Zn	00.10	00.01*
	31410	12-10-10	SO4	09.00	09.93
			Fe	02.00	03.27
			Mn	00.10	00.21
			Mo	00.0005	00.0011
			Zn	00.10	00.20
	31609	12-10-10	SO4	09.00	09.86
			B	00.02	00.03
			Fe	02.00	03.12
			Mn	00.10	00.19
			Mo	00.0005	00.0010
			Zn	00.10	00.20
	32506	12-10-10	SO4	09.00	09.51
			B	00.02	00.02
			Fe	02.00	02.73
			Mn	00.10	00.11
			Mo	00.0005	00.0014
			Zn	00.10	00.36

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRO TEC INC.		MADISON	GA		
	31283	18-24-06	B	00.02	00.02
			Cu	00.05	00.06
			Fe	00.25	01.63
			Mn	00.10	00.10
			Mo	00.0005	00.0007
			Zn	00.10	00.27
	31340	18-24-06	B	00.02	00.03
			Cu	00.05	00.03*
			Fe	00.25	01.90
			Mn	00.10	00.20
			Mo	00.0005	00.0010
			Zn	00.10	00.22
	31408	18-24-06	Cu	00.05	00.07
			Fe	00.25	02.01
			Mn	00.10	00.21
			Mo	00.0005	00.0009
			Zn	00.10	00.22
	32203	18-24-06	B	00.02	00.02
			Cu	00.05	00.03*
			Fe	00.25	01.76
			Mn	00.10	00.10
			Mo	00.0005	00.0015
	31407	24-08-16	SO4	03.50	03.92
	31449	24-08-16	SO4	03.50	04.82
			Cu	00.05	00.04*
			Fe	00.10	00.10
			Mn	00.05	00.05
			Zn	00.05	00.04
	30008	29-00-05	Fe	02.00	02.78
	30021	29-00-05	Fe	02.00	02.91
	31236	29-00-05	Fe	02.00	01.97
	32630	29-00-05	Fe	02.00	02.38
GROW MORE INC		GARDENA	CA		
	32982	05-01-05	WIN	05.00	05.80
HELENA CHEMICAL CO (SHARON)		SHARON	TN		
	32863	10-20-26	SO4	02.99	03.28
			Zn	00.13	00.20
HELENA CHEMICAL COMPANY (CADIZ)		CADIZ	KY		
	32702	02-01-01	B	00.00	00.02
			Fe	00.02	00.05
			Zn	00.92	02.37
HELENA CHEMICAL COMPANY (COL)		COLLIERVILLE	TN		
	31191	00-00-00	SO4	04.50	04.92
			Zn	10.00	12.07

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
HELENA CHEMICAL COMPANY (COL)		COLLIERVILLE	TN		
	32621	00-00-00	SO4	04.50	04.75
			Zn	10.00	10.72
	33086	00-00-00	B	10.00	10.34
	32622	11-08-05	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.10
			Mn	00.05	00.06
			Mo	00.0005	00.0005
			Zn	00.05	00.06
	33087	11-08-05	B	00.02	00.06
			Cu	00.05	00.05
			Fe	00.10	00.10
			Mn	00.05	00.05
	31295	21-00-00	SO4	24.00	24.48
	32561	25-00-00	B	00.50	00.49
	32620	25-00-00	B	00.50	00.49
	32900	25-00-00	B	00.50	00.49
HELENA CHEMICAL COMPANY (HICK)		HICKMAN	KY		
	30358	06-09-12	SO4	02.54	03.50
			Zn	00.06	00.06
	30357	06-10-13	SO4	02.63	03.34
			Zn	00.06	00.10
	30356	06-10-19	SO4	02.61	03.33
	32455	07-19-34	Zn	00.04	00.10
	31977	08-13-32	SO4	03.92	03.74
			Zn	00.12	00.21
	31978	09-17-27	SO4	03.11	03.62
			Zn	00.10	00.11
	32461	10-21-24	SO4	02.75	03.45
			Zn	00.09	00.16
HELENA CHEMICAL COMPANY (OBOR)		OWENSBORO	KY		
	31378	20-00-00	SO4	24.00	24.12
HENRY FARMERS COOP		MURRAY	KY		
	30315	01-05-10	Mg	00.34	00.93
	31884	09-22-29	B	00.01	00.02
			Zn	00.05	00.05
	31882	12-13-29	B	00.01	00.01
			Zn	00.01	00.01
	31883	12-13-29	B	00.01	00.01
			Zn	00.01	00.02
	31881	16-09-23	B	00.02	00.01
			Zn	00.06	00.05*
INFINITY FERTILIZERS INC		MILAN	IL		
	31399	10-12-12	B	00.03	00.04
			Cu	00.05	00.08
			Fe	01.11	02.16
			Mn	00.05	00.11
			Mo	00.0005	00.0018
			Zn	00.50	00.31*

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
INFINITY FERTILIZERS INC		MILAN	IL		
	31480	12-06-06	B	00.02	00.04
			Cu	00.05	00.06
			Fe	00.25	01.02
			Mn	00.05	00.09
			Mo	00.0005	00.0011
			Zn	00.05	00.22
	30993	18-24-06	B	00.02	00.04
			Cu	00.05	00.10
			Fe	00.25	01.00
			Mn	00.10	00.11
			Mo	00.0005	00.0027
			Zn	00.10	00.09
	31008	18-24-06	Mn	00.10	00.12
			Mo	00.0005	00.0041
			Zn	00.10	00.09
	31115	18-24-06	B	00.02	00.05
			Cu	00.05	00.17
			Fe	00.25	01.23
			Mn	00.10	00.19
	32513	18-24-06	B	00.02	00.05
			Cu	00.05	00.14
			Fe	00.25	01.17
			Mn	00.10	00.16
			Mo	00.0005	00.0043
			Zn	00.10	00.13
	31185	20-20-20	B	00.02	00.01*
			Cu	00.07	00.05*
			Fe	00.33	00.27*
			Mn	00.07	00.04*
			Mo	00.0005	00.0005
			Zn	00.07	00.05*
	31238	20-20-20	B	00.02	00.01
			Cu	00.07	00.06
			Fe	00.33	00.31
			Mn	00.07	00.04*
	31269	20-20-20	B	00.02	00.02
			Cu	00.07	00.06
			Fe	00.33	00.30
			Mn	00.07	00.04*
			Mo	00.0005	00.0005
			Zn	00.07	00.06
	32374	20-20-20	B	00.02	00.01
			Cu	00.07	00.05*
			Fe	00.33	00.30
			Mo	00.0005	00.0004
			Zn	00.07	00.08
INNICTIS CROP CARE LLC		WINDSOR	CO		
	32100	10-20-05	SO4	01.00	01.87
			Zn	00.43	00.50



TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
J. R. PETERS		ALLENTOWN	PA		
	33032	12-36-14	B	00.02	00.01
			Cu	00.05	00.04
			Fe	00.10	00.09
			Mn	00.05	00.04
			Mo	00.0009	00.0018
			Zn	00.05	00.05
JANES FERTILIZER & FARM SUPPLY		COLUMBIA	KY		
	32802	08-22-29	B	00.17	00.15
			Zn	00.20	00.26
	32803	08-22-29	B	00.17	00.13*
			Zn	00.20	00.17*
	32800	19-01-32	Zn	00.63	00.75
JIMMY SANDERS (BG)		BOWLING GREEN	KY		
	32135	15-00-33	CSRN	13.30	12.94
JIMMY SANDERS (HART)		HARTFORD	KY		
	32371	00-00-22	Mg	10.80	12.13
			SO4	22.00	22.49
	32370	12-40-00	SO4	05.00	05.26
			Zn	01.00	01.16
	31468	20-00-06	B	00.30	00.22*
			Fe	00.10	00.11
	32365	21-00-00	SO4	24.00	24.37
JIMMY SANDERS (MAY-AL)		MAYFIELD	KY		
	30604	21-00-00	SO4	24.00	23.11
JIMMY SANDERS (RUSS)		RUSSELLVILLE	KY		
	31325	23-13-10	SO4	05.91	06.55
	31326	23-13-10	SO4	05.91	06.63
	31327	23-13-10	SO4	05.91	06.62
	31328	23-13-10	SO4	05.91	06.44
	31329	23-13-10	SO4	05.91	06.52
	31330	23-13-10	SO4	05.91	06.50
	31332	23-13-10	SO4	05.91	06.59
	31333	23-13-10	SO4	05.91	06.53
	31334	23-13-10	SO4	05.91	06.75
	31335	23-13-10	SO4	05.91	06.47
	31336	23-13-10	SO4	05.91	06.18
	31337	23-13-10	SO4	05.91	06.57
JON CARLOFTIS		LEXINGTON	KY		
	32979	02-02-04	WIN	01.39	00.07*
			B	00.17	00.10*
			Cu	00.20	00.20
			Fe	00.10	00.04*
			Mo	00.4900	00.0904*
			Zn	03.00	03.16

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
KENTUCKY FERTILIZER (WINCH)		WINCHESTER	KY		
	32544	14-14-14	Fe	02.00	02.61
	30919	18-24-12	Fe	02.00	02.95
	31429	27-00-00	Ca	04.00	04.49
			Mg	01.00	02.92
	32064	27-00-00	Ca	04.00	04.66
			Mg	01.00	03.00
	32472	27-00-00	Ca	04.00	04.52
			Mg	01.00	03.01
	32810	27-00-00	Ca	04.00	04.55
			Mg	01.00	03.02
	32931	27-00-00	Ca	04.00	04.49
			Mg	01.00	02.94
	33065	27-00-00	Ca	04.00	04.67
			Mg	01.00	03.16
	33081	27-00-00	Ca	04.00	04.70
			Mg	01.00	03.05
	33096	27-00-00	Ca	04.00	04.79
			Mg	01.00	02.93
	32873	29-00-19	Zn	01.12	01.39
	32874	29-00-19	Zn	00.59	00.63
KNOX FERTILIZER CO., INC.		KNOX	IN		
	30647	10-54-10	Cu	00.05	00.04
			Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
	31012	10-54-10	Cu	00.05	00.03*
			Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
	31013	15-30-15	Cu	00.05	00.04*
	31011	24-08-16	Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
	31347	24-08-16	Cu	00.05	00.04
			Fe	00.10	00.13
			Mn	00.05	00.05
			Zn	00.05	00.05
	32496	24-08-16	Cu	00.05	00.04
			Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
LEBANON SEABOARD CORP		LEBANON	PA		
	32954	14-14-14	Mn	00.50	00.91
	31229	30-00-03	Fe	02.00	02.14

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
LESCO INC.		CLEVELAND	OH		
	31403	14-14-14	SO4	05.00	05.96
			Fe	00.45	01.32
			Mn	00.45	00.66
	31402	14-20-04	Fe	00.36	01.86
	30195	24-00-11	Fe	02.00	03.05
			Mn	01.00	01.01
	30196	32-00-08	Fe	02.00	01.02*
LILLY MILLER BRANDS		WALNUT CREEK	CA		
	31284	10-05-04	B	00.02	00.03
			Fe	00.10	00.51
			Mn	00.05	00.10
			Mo	00.0005	00.0005
			Zn	00.05	00.09
	31608	10-05-04	B	00.02	00.02
			Fe	00.10	00.38
			Mn	00.05	00.07
			Mo	00.0005	00.0005
			Zn	00.05	00.06
	30992	10-10-10	B	00.02	00.03
			Fe	00.10	00.49
			Mn	00.05	00.08
			Mo	00.0005	00.0008
			Zn	00.05	00.07
LILLY MILLER BRANDS (ATL)		ATLANTA	GA		
	31267	05-01-01	WIN	00.75	01.19
LOVELAND PRODUCTS, INC.		GREELEY	CO		
	32199	06-20-00	Zn	00.77	00.95
	32644	06-20-00	Zn	00.77	01.07
	30794	07-17-03	Cu	00.07	00.06
			Fe	00.20	00.22
			Mn	00.06	00.06
			Zn	00.95	01.05
	32200	07-17-03	Cu	00.07	00.03*
			Fe	00.20	00.34
			Mn	00.06	00.07
			Zn	00.95	01.16
	31442	07-24-04	SO4	01.00	01.05
			Zn	00.08	00.12
	31443	07-24-04	SO4	01.00	00.98
			Zn	00.08	00.11
	32330	35-00-00	SO4	09.50	10.11
MARTIN RESOURCES (IL)		SENECA	IL		
	31264	00-00-00	S	90.00	92.46

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MATHIS FARM SUPP.		MELBER			
	30415	06-20-30	SO4	02.50	02.46
	30416	06-20-30	SO4	02.50	02.53
	30417	06-21-27	SO4	02.68	02.73
	30471	06-21-27	SO4	02.68	02.70
	30184	12-40-00	SO4	05.00	05.08
MAYSLICK MILL		MAYSLICK			
	32429	00-00-18	B	00.59	00.42*
	32433	00-00-40	B	00.43	00.41
			Zn	05.71	07.40
	32432	00-00-46	B	00.49	00.42
			Zn	03.66	04.94
	32427	01-02-05	B	00.12	00.01*
	32428	01-02-05	B	00.12	00.09*
	32435	05-13-35	B	00.48	00.43
MIRACLE GRO LAWN PRODUCTS		MARYSVILLE			
	31136	09-04-12	Ca	03.50	08.28
			Mg	01.40	05.41
			SO4	07.00	06.72
			Cu	00.05	00.06
			Fe	00.90	01.19
	31189	09-04-12	Ca	03.50	07.79
			Mg	01.40	04.97
			SO4	07.00	07.25
			Cu	00.05	00.06
			Fe	00.90	01.23
			Mn	00.35	00.37
			Zn	00.10	00.30
	31448	18-06-12	SO4	06.80	07.54
			Fe	02.00	03.33
			Mn	01.00	01.15
MONTY'S PLANT FOOD		LOUISVILLE			
	30057	04-05-03	B	00.07	00.31
MORRAL CO.		MORRAL			
	30027	30-00-04	Fe	01.00	01.18
MOSAIC CROP NUTRITION, LLC		RIVERVIEW			
	30963	00-00-22	Mg	10.80	11.25
			SO4	22.00	22.41
	33047	00-00-22	Mg	10.80	11.77
			SO4	22.00	22.73

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MOSAIC CROP NUTRITION, LLC		RIVERVIEW	FL		
	32765	00-00-59	B	00.50	00.38*
	30179	12-40-00	SO4	05.00	05.10
			Zn	01.00	01.23
	30790	12-40-00	SO4	05.00	05.44
			Zn	01.00	01.16
	30803	12-40-00	SO4	05.00	05.46
			Zn	01.00	01.15
	31054	12-40-00	SO4	05.00	05.12
			Zn	01.00	01.15
	31318	12-40-00	SO4	05.00	05.30
			Zn	01.00	01.11
NACHURS ALPINE SOLUTIONS CORP		MARION	OH		
	32666	05-15-15	SO4	01.00	01.06
			Mo	00.0005	00.0004
			Zn	00.05	00.04*
	31065	10-20-05	SO4	01.00	01.45
			Zn	00.10	00.11
	31467	10-20-05	SO4	01.00	01.52
			Zn	00.10	00.13
PRO SOLUTIONS (CROFT)		CROFTON	KY		
	32236	26-15-13	B	00.12	00.10*
			Zn	00.29	00.36
	32307	26-15-13	B	00.12	00.09*
			Zn	00.29	00.44
ROD MCLELLAN COMPANY		INDEPENDENCE	OR		
	30016	06-09-00	WIN	06.00	07.22
			Ca	07.00	09.19
ROGERS FERTILIZER & SERVICES		LEBANON	KY		
	32520	07-13-20	SO4	02.69	03.51
			B	00.16	00.16
			Mn	00.05	00.07
			Zn	00.07	00.10
	32518	09-11-14	SO4	02.92	03.38
	32519	09-11-14	SO4	02.92	03.66
	31604	25-03-14	SO4	03.64	08.56
	31742	26-08-10	SO4	05.99	06.27
	31743	26-08-10	SO4	06.00	06.28
	32540	26-08-10	SO4	06.00	06.45
	32523	26-09-12	SO4	03.51	04.72
	32522	27-08-17	Zn	00.26	00.36
ROOTBLAST INTERNATIONAL INC		CANTON	OH		
	31482	02-01-02	Ca	13.80	16.70
			Mg	07.50	10.25
			SO4	01.88	01.87
			Cu	00.05	00.06
			Fe	02.47	02.70
			Mn	00.12	00.11
			Zn	00.15	00.15

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCOTTS MIRACLE-GRO PRODUCTS, I		MARYSVILLE	OH		
	31188	06-09-00	Ca	07.00	08.06
	33030	07-07-07	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.12
			Mn	00.08	00.09
			Zn	00.05	00.05
	32507	12-00-00	WIN	12.00	13.46
	32202	12-06-12	SO4	14.00	15.28
			Fe	00.10	00.29
			Mn	00.05	00.06
	32372	15-30-15	Mg	00.05	00.05
			B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.22
			Mo	00.0005	00.0007
			Zn	00.06	00.07
	33088	15-30-15	B	00.02	00.05
			Cu	00.07	00.09
			Fe	00.15	00.22
			Mn	00.05	00.06
			Mo	00.0005	00.0006
			Zn	00.06	00.07
	30006	18-18-21	Mg	00.50	00.56
			Cu	00.05	00.06
			Fe	00.10	00.13
			Mn	00.05	00.05
			Zn	00.05	00.05
	31348	18-24-16	Cu	00.05	00.06
			Fe	00.10	00.12
			Mn	00.05	00.05
			Zn	00.05	00.05
	31128	24-08-16	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.20
			Mn	00.05	00.05
			Mo	00.0005	00.0006
			Zn	00.06	00.07
	31387	30-10-10	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.33	00.35
			Mn	00.05	00.05
			Mo	00.0005	00.0006
			Zn	00.07	00.08
SECURITY SEED & CHEMICAL INC		CLINTON	KY		
	32413	03-05-05	Cu	00.01	00.01
			Fe	00.03	00.08
			Mn	00.05	00.05
			Zn	00.07	00.08

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SECURITY SEED & CHEMICAL INC (		CLARKSVILLE	TN		
	32866	05-10-04	Mn	00.06	00.00*
			Zn	00.09	00.01*
	33099	05-10-04	Mn	00.06	00.00*
			Zn	00.09	00.01*
	33098	07-20-02	B	00.55	00.01*
			Mo	00.0300	00.0109*
SECURITY SEED & CHEMICAL INC (		MURRAY	KY		
	32865	05-11-04	B	00.08	00.09
			Mn	00.06	00.07
			Zn	00.09	00.11
	32864	08-21-03	Fe	00.10	00.30
			Mn	00.06	00.08
			Zn	00.10	00.13
SEVENTY FEEDS LLC		EUBANK	KY		
	33037	12-06-26	Mg	00.40	02.66
SOUTH CENTRAL FARM SUPPLY, INC		GAMALIEL	KY		
	31782	04-11-43	B	00.35	00.31
SPECTRUM GROUP		ST. LOUIS	MO		
	31483	10-10-10	Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.05
	32512	10-10-10	Fe	00.10	00.10
			Mn	00.05	00.05
			Zn	00.05	00.05
SPEED AG SERVICE		HICKMAN	KY		
	32709	08-21-28	B	00.23	00.20
			Zn	00.63	00.97
	32462	10-00-30	SO4	12.00	09.98*
	32466	11-18-24	SO4	04.80	05.56
	30264	12-14-19	SO4	07.81	08.40
			B	00.10	00.10
			Zn	00.50	00.65
	30105	12-40-00	SO4	05.00	05.18
	32707	21-05-17	SO4	00.57	00.85
	32708	21-05-17	SO4	00.57	00.77
	32711	21-05-17	SO4	00.57	00.75
SS (CAMP) CAMPBELLSVILLE		CAMPBELLSVILLE	KY		
	32819	21-23-00	SO4	09.71	09.68

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (CAMP) CAMPBELLSVILLE		CAMPBELLSVILLE	KY		
	32820	21-23-00	SO4	09.71	10.43
SS (CYN) LEXINGTON COOP-CYN BR		CYNTHIANA	KY		
	32449	24-06-22	Zn	00.07	00.05*
	32450	24-06-22	Zn	00.07	00.09
	32451	24-06-22	Zn	00.07	00.08
	33062	28-13-10	Zn	01.05	00.00*
SS (EMIN) INC KNTCKANA SVC-HEN		EMINENCE	KY		
	31527	02-06-51	B	00.03	00.03
	32303	27-08-17	Zn	00.08	00.07
SS (FLEM) FLEMINGSBURG		FLEMINGSBURG	KY		
	32170	02-11-29	Mg	04.88	05.72
			SO4	09.75	11.18
	32173	02-11-29	Mg	04.89	05.71
			SO4	09.78	11.25
	32176	02-11-29	Mg	04.89	05.75
			SO4	09.78	11.36
	32168	07-00-25	Mg	03.38	03.85
			SO4	06.77	07.52
	32172	13-00-00	SO4	08.00	08.78
	32174	19-13-13	SO4	07.44	08.48
	32171	22-04-19	Mg	02.00	02.57
			SO4	04.00	04.52
			Zn	00.55	00.50
	32740	25-05-15	Mg	01.72	02.03
			SO4	03.44	03.81
			Zn	00.56	00.67
SS (GEOR) GEORGETOWN COOP		GEORGETOWN	KY		
	32354	15-00-39	Zn	00.41	00.44
	32345	29-00-19	Zn	00.61	00.91
	32351	29-00-19	Zn	00.61	00.79
	32352	29-00-19	Zn	00.61	00.78
	32355	29-00-20	Zn	00.60	00.71
	32357	29-00-20	Zn	00.60	00.63
	32358	29-00-20	Zn	00.60	00.87
	32359	29-00-20	Zn	00.60	00.67
SS (GLAS) GLASGOW COOP		GLASGOW	KY		
	31166	20-14-21	Zn	00.76	01.03
	31171	21-16-16	Zn	01.30	01.29
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE	KY		
	30226	04-13-16	SO4	02.29	02.94



TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE	KY		
	30227	04-13-16	SO4	02.20	02.96
	32231	17-09-21	Mg	00.79	00.99
			SO4	01.57	09.12
			B	00.01	00.02
SS (HORS) HORSE CAVE COOP		HORSE CAVE	KY		
	31173	21-09-22	Zn	00.08	00.08
SS (LAGR) KY SVC BR-LAGRANGE B		LAGRANGE	KY		
	31540	06-20-30	SO4	02.50	02.42
			Zn	00.50	00.51
	31542	06-22-25	SO4	02.86	02.83
			Zn	00.57	00.60
	31543	06-22-25	SO4	02.86	02.79
			Zn	00.57	00.58
SS (LEBA) LEBANON SVC		SPRINGFIELD	KY		
	32002	16-42-00	B	00.22	00.18
SS (LIBE) LIBERTY SVC		LIBERTY	KY		
	32474	19-04-12	Zn	00.06	00.07
	32477	19-04-12	Zn	00.06	00.08
SS (MAYS) FLEMINGSBURG COOP-MA		MAYSVILLE	KY		
	31702	06-05-44	B	00.50	00.35*
	33019	11-03-13	Zn	00.13	00.11
	33020	17-05-08	Zn	00.43	00.40
SS (OWEN) COOP OWENSBORO		OWENSBORO	KY		
	32289	10-20-26	SO4	02.66	03.39
			Zn	00.08	00.08
	32293	10-20-26	SO4	02.67	03.09
	32294	10-20-26	SO4	02.67	03.49
	32290	11-18-24	SO4	04.80	05.77
	32291	11-18-24	SO4	04.80	05.83
	32292	11-18-24	SO4	04.80	05.81
SS (OWENT) OWENTON COOP, INC		OWENTON	KY		
	32194	02-06-49	B	00.36	00.27*
SS (RICH) COOP INC FERT DIV		RICHMOND	VA		
	30662	00-00-22	Mg	11.00	11.36
			SO4	22.00	22.72

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (RICH) COOP INC FERT DIV		RICHMOND	VA		
	31005	00-00-22	Mg	11.00	12.23
			SO4	22.00	22.78
	32069	00-00-22	Mg	11.00	11.99
			SO4	22.00	22.86
	32166	00-00-22	Mg	11.00	12.35
			SO4	22.00	23.08
	30896	12-40-00	SO4	05.00	05.08
			Zn	01.00	01.18
	30429	21-00-00	SO4	24.00	24.51
	30659	21-00-00	SO4	24.00	24.42
	30859	21-00-00	SO4	24.00	24.14
	30914	21-00-00	SO4	24.00	23.72
	30980	21-00-00	SO4	24.00	23.96
	31976	21-00-00	SO4	24.00	24.02
	32165	21-00-00	SO4	24.00	24.20
	32649	34-00-00	SO4	10.00	11.55
SS (RUSS) RUSSELLVILLE COOP		RUSSELLVILLE	KY		
	30387	03-09-15	SO4	02.28	03.05
	30386	03-09-16	Mg	01.18	01.34
			SO4	02.37	02.65
	31162	37-00-00	SO4	08.00	08.58
SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE	KY		
	31900	28-00-18	Zn	00.14	00.20
SS (WINC) CLARK COOP		WINCHESTER	KY		
	32145	06-16-38	B	00.08	00.05*
	32148	17-16-24	Zn	00.22	00.24
	32149	29-00-20	Zn	00.12	00.17
	32150	29-00-20	Zn	00.12	00.13
STANLEY CROP SERVICE LLC		OWENSBORO	KY		
	32281	11-17-23	SO4	05.33	06.36
	32274	21-00-00	SO4	24.00	24.31
STOLLER ENTERPRISES, INC		HOUSTON	TX		
	33100	00-00-00	B	03.00	03.17
			Cu	00.10	00.03*
			Mo	00.0200	00.0229
	33101	00-00-00	Ca	05.52	05.29
			B	00.35	00.30
SUN BULB COMPANY, INC.		ARCADIA	FL		
	31239	11-35-15	Mg	00.06	00.64
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.12
			Mn	00.05	00.05
			Mo	00.0005	00.0003
			Zn	00.05	00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SUN BULB COMPANY, INC.		ARCADIA	FL		
	31187	20-14-13	Mg	01.00	01.08
			B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.20	00.21
			Mn	00.05	00.05
			Mo	00.0005	00.0003
			Zn	00.05	00.05
	32631	20-14-13	Zn	00.05	00.05
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	31230	12-05-07	B	00.02	00.04
			Cu	00.05	00.06
			Fe	00.20	00.55
			Mn	00.05	00.08
			Mo	00.0005	00.0006
			Zn	00.05	00.21
	31364	12-05-07	B	00.02	00.04
			Cu	00.05	00.05
			Mo	00.0005	00.0006
			Zn	00.05	00.21
	31389	12-05-07	B	00.02	00.03
			Cu	00.05	00.08
			Fe	00.02	00.59
			Mn	00.05	00.11
			Mo	00.0005	00.0010
			Zn	00.05	00.28
	31445	12-05-07	B	00.02	00.04
			Cu	00.05	00.09
			Mo	00.0005	00.0015
			Zn	00.05	00.27
	33090	12-05-07	B	00.02	00.04
			Cu	00.05	00.05
			Fe	00.20	00.46
			Mn	00.05	00.07
			Mo	00.0005	00.0010
			Zn	00.05	00.18
	32509	12-10-05	Ca	03.00	09.49
			SO4	05.00	06.84
			B	00.02	00.04
			Cu	00.05	00.07
			Fe	01.00	01.33
			Mn	00.05	00.10
			Mo	00.0005	00.0012
			Zn	00.05	00.24
	32531	12-10-05	Ca	03.00	09.06
			Mg	03.00	03.56
			B	00.02	00.04
			Cu	00.05	00.06
			Fe	01.00	01.34
			Mn	00.05	00.09
			Mo	00.0005	00.0016
			Zn	00.05	00.23

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	31365	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.20
			Zn	00.06	00.07
	31388	15-30-15	Fe	00.15	00.20
			Mn	00.05	00.05
			Mo	00.0005	00.0009
			Zn	00.06	00.07
	33089	15-30-15	B	00.02	00.04
			Cu	00.07	00.09
			Fe	00.15	00.22
			Mn	00.05	00.05
			Mo	00.0005	00.0009
			Zn	00.06	00.08
	31231	16-04-08	B	00.02	00.03
			Cu	00.05	00.04
			Fe	01.00	00.99
			Mn	00.05	00.06
			Mo	00.0005	00.0007
			Zn	00.05	00.14
	32529	16-04-08	B	00.02	00.02
			Cu	00.05	00.06
			Fe	01.00	01.16
			Mn	00.05	00.09
			Mo	00.0005	00.0041
			Zn	00.05	00.11
	31484	24-08-16	SO4	03.00	03.12
			B	00.02	00.03
			Cu	00.07	00.07
			Fe	00.15	00.18
			Mn	00.05	00.05
			Mo	00.0005	00.0007
			Zn	00.06	00.07
	31487	29-00-04	Fe	01.00	01.17
TERRAL RIVER SERVICE INC		LAKE PROVIDENCE	LA		
	30698	21-00-00	SO4	24.00	24.22
THE ANDERSONS INC		MAUMEE	OH		
	31346	06-18-06	Zn	00.05	00.06
	31811	06-18-06	Zn	00.05	00.05
	32113	06-18-06	Zn	00.05	00.05
THE ANDERSONS LAWN FERT DIV		MAUMEE	OH		
	32419	22-04-18	WIN	07.16	06.90
			Fe	01.00	00.92

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE SCOTTS CO.		MARYSVILLE	OH		
	30058	11-02-02	WIN	10.00	10.37
			Ca	01.50	02.03
	31447	22-02-02	SO4	13.00	13.86
			Fe	05.75	06.04
	31183	28-01-04	SO4	12.00	12.82
	32204	32-00-10	SO4	04.00	04.61
			Fe	02.00	02.91
TIGER-SUL PRODUCTS, LLC		ATMORE	AL		
	30749	00-00-00	S	80.00	90.20
	31006	00-00-00	S	90.00	91.47
	31488	00-00-00	S	80.00	88.84
	32157	00-00-00	S	80.00	89.52
	32465	00-00-00	S	90.00	91.50
TRI COUNTY FERT.		RICHMOND	KY		
	32855	09-05-25	B	00.05	00.04
			Zn	00.65	00.70
	32851	09-24-24	Zn	02.27	02.80
	32852	09-24-24	Zn	02.27	02.68
U.S. BORAX INC.		BORON	CA		
	32086	00-00-00	B	14.30	14.55
	32463	00-00-00	B	14.30	15.07
UF GRANULAR FERTILIZERS		MORRAL	OH		
	33046	40-00-00	WIN	20.00	23.63
VARIOUS REPORTING COMPANIES		LEXINGTON	KY		
	33048	07-06-05	WIN	06.08	05.96
			Ca	05.00	07.25
	31469	10-20-05	SO4	01.00	01.81
			Zn	00.43	00.48
	32663	10-20-05	SO4	01.00	01.27
			Zn	00.10	00.08*
	31466	12-00-00	SO4	26.00	24.88*
	33045	21-00-00	SO4	24.00	24.71
VOLUNTARY PURCHASING		BONHAM	TX		
	31477	04-04-05	Ca	06.00	07.59
			Mg	01.00	02.14
			SO4	03.00	04.14
	33031	06-01-01	WIN	06.00	06.00
	33033	09-13-07	Cu	00.05	00.03*
			Fe	00.10	01.62

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
WARNER FERT CO. (ALBA)		ALBANY			
	32892	13-08-12	B	00.06	00.05
			Cu	00.06	00.13
			Fe	00.34	00.36
			Mn	00.14	00.32
			Zn	00.13	00.25
WARNER FERT CO. (CAMP)		CAMPBELLSVILLE			
	32676	20-11-14	Zn	00.72	00.78
WARNER FERT CO. (COLU)		COLUMBIA			
	32332	20-17-12	SO4	04.95	05.02
	32333	20-17-12	SO4	05.09	05.48
WARNER FERT CO. (RUSS)		RUSSELL SPRINGS			
	32556	08-10-23	B	00.21	00.16*
WARNER FERT CO. (SOM)		SOMERSET			
	30940	21-00-00	SO4	24.00	24.29
WARNER FERT CO. (STANF)		STANFORD			
	33023	22-00-29	Zn	01.19	00.71*
WATERWAY AG INC.		METROPOLIS			
	30607	00-00-22	Mg	11.00	11.48
			SO4	22.00	22.53
WINFIELD SOLUTIONS LLC		ST. PAUL			
	30187	00-00-00	S	90.00	91.36
	33114	23-00-07	Fe	02.00	02.38
	31252	24-00-04	Fe	02.00	02.03
WOODFORD FEED CO.		VERSAILLES			
	32297	00-00-59	B	00.14	00.11*
	32687	30-05-13	B	00.06	00.05
	32296	35-00-11	Zn	00.85	01.13
YARA NORTH AMERICA		TAMPA			
	32534	16-00-00	Ca	19.00	19.21

TABLE 3 COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30, 2013

A.H. HOFFMAN P.O. BOX 290 LANCASTER, NY 14086	ACADIAN SEAPLANTS LIMITED 30 BROWN AVE DARTMOUTH, NS B3B 1X8	ACE HARDWARE (OAK) P.O. BOX 4883 OAK BROOK, IL 46350
ADM FERTILIZER 701 4TH AVE., S. SUITE 800 MINNEAPOLIS, MN 55415-1633	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/GRO FERTILIZER CO. (HILL ST.) 303 HILL ST. WINCHESTER, KY 40391	AG/GRO FERTILIZER CO. (PEND. ST.) PENDLETON ST. WINCHESTER, KY 40391	AGGRAND A DIV OF AMSOIL, INC. 925 TOWER AVE. SUPERIOR, WI 54880
AGNITION 1600 HANH RD MARSHALL, MN 56268	AGRI CHEM LLC P.O. BOX 295 CLINTON, KY 42031	AGRI-BUSINESS TECH, INC 1102 THIRD AVENUE ALBANY, GA 31707
AGRI-CHEM INC (RUSS) 333 WATERMELON RD RUSSELLVILLE, KY 42276	AGRI-CHEM, INC (BARD) 2351 HIGHWAY 51 N BARDWELL, KY 42023	AGRI-CHEM, INC. (HERN) 11825 LAFAYETTE RD. HERNDON, KY 42236
AGRI-CHEM, INC. (HOPK) P.O. BOX 31 1106 W 15TH STREET HOPKINSVILLE, KY 42240	AGRI-CHEM, INC. (PRIN) P.O. BOX 527 PRINCETON, KY 42445	AGRI-CHEM, INC. (TRENT) 393 PENCHAM RD. TRENTON, KY 42286
AGRI-GRO MARKETING HC 4 BOX 333 DONIPHAN, MO 63935	AGRICHEM (AU) 2 HOVEY RD YALATA QUEENSLAND, AU 4207	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 COPELL, TX 75019
AGRIPORT TERMINAL 1127 PORT AUTHORITY RD. EDDYVILLE, KY 42038	AGRIUM ADVANCED (BRANTFORD) 10 CRAIG STREET BRANTFORD, ON N3R 7J1	AGRIUM ADVANCED TECH INC (MO) HIGHWAY 79 SOUTH LOUISIANA, MO 63353
AGRIUM ADVANCED TECH INC. (AL) 1425 EDWARDS ST. SYLACUGA, AL 35150	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	AGROTAIN INTERNATIONAL, LLC ONE ANGELICA STREET ST. LOUIS, MO 63147
AGXPLORE INT'L LLC POB 638 PARMA, MO 63870-0638	ALL PLANT LIQUID PLANT FOOD 804 ST RT 511 N ASHLAND, OH 44805	ALL STAR PRODUCTS GROUP LLC POB 3179 WALLINGFORD, CT 06494

TABLE 3 (Continued)

ALLEN COUNTY FARMERS SERVICE 512 SMITHS GROVE RD. SCOTTSVILLE, KY 42164	ALLIED IMPORTS AND LOGISTICS INC 1162 SAMOA BLVD ARCATA, CA 95521	AMERICAN PLANT FOOD CORPORATION POB 584 GALENA PARK, TX 77547
AMEROPA NORTH AMERICA INC 2502 N. ROCKY POINT DR #160 TAMPA, FL 33607	AMTURF ENTERPRISES LLC 13963 WESTSIDE LANE S JEFFERSON, OR 46307	AMWAY CORP 7575 FULTON RD. EAST ADA, MI 49355
ANDERSON CO FARM SVC 145 HAWKINS LAWRENCEBURG, KY 40342	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	AQUEON 5401 W. OAKWOOD DR FRANKLIN, WI 53132	ARBORJET 99 BLUEBERRY HILL RD WOBBURN, 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,
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
B-G FERTILIZER LLC ATTN: AGRONOMY 1701 TOWANDA AVE BLOOMINGTON, IL 61701	B-G FERTILIZER LLC 5125 RIVER RD CINCINNATI, OH 45233	BAICOR, L.C. P.O. BOX 725 1895 N. 600 W. LOGAN, UT 84321
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	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	BCA PRODUCTS POB 429 SLEEPY EYE, MN 56085	BEATY FERTILIZER P.O. BOX 2516 CLEVELAND, TN 37320
BECKER-UNDERWOOD, INC. 801 DAYTON AVE. PO BOX 667 AMES, IA 50010	BECKETT CORPORATION 5931 W. CAMPUS CIRCLE DR IRVING, TX 75063	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	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	BIO ENZYME LLC 265 CHURCHILL LANE BALLWIN, MO 63021
BIOWISH TECHNOLOGIES (WISE ORGA) 130 MICHIGAN AVE SUITE 2800 CHICAGO, IL 60601	BIOWORKS INC 100 RAWSON ROAD SUITE 205 VISTOR, NY 14564	BIOZ AGRI PRODUCTS INC RR#1 S40 C17 OLIVER BC, CN V0H ITO
BLACK GOLD P. O. BOX 190 OXFORD, FL 34484	BLACK GOLD ENVIROSAFE INC POB 190 OXFORD, FL 34484	BLACK LABEL POB 13919 LAS VEGAS, NV 89112



TABLE 3 (Continued)

BLOOMFIELD FERTILIZER CHEM CO., INC 100 DEPOT STREET P.O. BOX 370 BLOOMFIELD, KY 40008-0370	BLUEGRASS SEED/FERT INC. 3345 BLOOMFIELD RD. BARDSTOWN, KY 40004	BONIDE PRODUCTS, INC. 6301 SUTLIFF ROAD ORISKANY, NY 13424
BONNIE PLANTS 1727 HWY 223 UNION SPRINGS, AL 36085	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	BUCKEYE RESOURCES 3815 SPRINGFIELD XENIA RD SPRINGFIELD, OH 45506	BUTTERFIELD FARMS P.O. BOX 184 EAU CLAIRE, PA 16030
C & F FARM SUPPLY, INC. P.O. BOX 98 HISEVILLE, KY 42152	C F INDUSTRIES SALES LLC 4 PARKWAY N, SUITE 400 DEERFIELD, IL 60015-2590	C GREEN, LLC PO BOX 612 BEREA, KY 40403
C. D. POORE FERTILIZER 708 BURKESVILLE RD. ALBANY, KY 42602	C. R. BROWN ENTERPRISES 235 MILTON MASHBURN DR ANDREWS, NC 28901	CALCIUM PRODUCTS INCORPORATED POB 281 GILMORE CITY, IA 50541
CAMERON CHEMICALS, INC. #5 BEECHWOOD COURT PORTSMOUTH, VA 23702-2313	CANEYVILLE MILLING CO POB 178 CANEYVILLE, KY 42721	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	CAROLINA SOIL CO. P.O. BOX 1140 KINSTON, NC 28503
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 DIVISION 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 47130	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
CHRYSAL AMERICAS 3063 NW 107TH AVE MIAMI, FL 33172	CHS POB 64089 ST. PAUL, MN 55164-0089	CIBA-GEIGY CORP. P.O. BOX 18300 GREENSBORO, NC 27419
CLARKS GROCERY 6911 HWY. 779 ROCKHOLDS, KY 40759	CLEARY CHEMICAL CORPORATION 11901 SOUTH AUSTIN AVE ALSIP, IL 60803	CLEMENTS AG SUPP. P.O. BOX 347 SPRINGFIELD, KY 40069

TABLE 3 (Continued)

CLEMENTS AG SUPPLY (DANV) 410 VAKSDAHL AVE DANVILLE, KY 40422	CNI AGRIMINERALS, LLC PO BOX 3706 ALBANY, GA 31706	COASTAL SUPPLY COMPANY 1977 BAY RD. MILFORD, DE 19936
COFFEYVILLE RES. NITROGEN FERT ATTN: MICHAEL O'DONNELL 10 E. CAMBRIDGE CIR, STE 250 KANSAS CITY, KS 66103 COMMUNITY FARM STORE, LLC 521 E. MAIN ST. SALEM, KY 42078	COLD SPRING EGG FARM N 9416 TAMARACK RD WHITEWATER, WI 53190 CONKLIN CO., INC. 551 VALLEY PARK DRIVE SHAKOPEE, MN 55379-0155	COLLINGWOOD ETHANOL VALUE PRDTS ULC 330 BAY STREET SUITE 304 TORONTO, ON M5H 2S8 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	CORE AGRI LLC POB 1027 ARROYO GRANDE, CA 93421
COWART MULCH 185 PEACHTREE INDUSTRIAL BLVD SUGAR HILL, GA 30518	CP BIO INC 4802 MURRIETA ST CHINO, CA 91710	CROP PRODUCTION SERVICE (CLARK) 2516 GUTHRIE HWY CLARKSVILLE, TN 37040
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) 641 U.S. HWY 41 SOUTH HENDERSON, KY 42420
CROP PRODUCTION SVC (HENDERSON) 1229 OUTER 5TH ST 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) POB 8 MORGANTOWN RD RUSSELLVILLE, KY 42276-0008

TABLE 3 (Continued)

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
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 (WILSON) 800 RAILROAD ST WILSON, NC 27893
CROP PRODUCTION SVC INC P.O. BOX 1286 GREELEY, CO 80632	CROWN TECHNOLOGY, INC. 7513 E. 96TH ST. INDIANAPOLIS, IN 46256	CSI CHEMICAL CORPORATION POB 39 BONDURANT, IA 50035
CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN, KY 42729	CX HYDROPONICS POB 8048 WANBROO WA, AU 6169	DABNEY FEED SUPP 6075 HWY 70 BRODHEAD, KY 40409
DASCO INCORPORATED 1880 WILLOW PKWY, SUITE 10 MONUMENT, CO 80132	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	DAVIS BROTHERS FARMS POB 487 CUNNINGHAM, KY 42035	DELTA GROWERS ASSOCIATION PO BOX 249 CHARLESTON, MO 63834
DELTA G 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
DP FOODS 401 N. WALNUT SHERMAN, TX 75090	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
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	EIGHTY EIGHT FERTILIZER CO., INC. 242 NOBOB RD GLASGOW, KY 42141
EL DORADO CHEMICAL COMPANY 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243	EMERALD ISLE 2153 NEWPORT RD. ANN ARBOR, MI 48103	ENCAP, LLC 3921 ALGOMA ROAD GREEN BAY, WI 54311-9707
ENP INVESTMENTS INC POB 618 MENDOTA, IL 61342	ENVIRO-SAFE LABS, INC 1579 BARBER ROAD SARASOTA, FL 34240	ENVIROWISE LLC 601 GATEWAY CT BAKERSFIELD, CA 93307

TABLE 3 (Continued)

ERM 9825 KENWOOD RD, SUITE 100 BLUE ASH, OH 45242	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	EXCEL MARKETING INC 1340 TREAT BLVD WALNUT CREEK, CA 94597	EXCELAG CORPORATION 7300 N KENDALL DR SUITE 521 MIAMI, FL 33156
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
FARMERS LIME CO. HWY. 45-E POB 3236 SOUTH FULTON, TN 38257	FARNAM CO. 301 W. OSBORN RD. PHOENIX, AZ 85013	FBSCIENCES INC 153 N MAIN SUITE 100 COLLIERVILLE, TN 38017
FERRY-MORSE SEED COMPANY POB 1620 FULTON, KY 42041	FERTI TECHNOLOGIES 560, CHEMIN RHEAUME C.P. 129 ST MICHAEL, QC J0L 2L0	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
FLORATINE PRODUCTS GROUP 144 MID-SOUTH CV 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 WAWAKA, IN 46749	FRIT INDUSTRIES P.O. BOX 1589 OZARK, AL 36361	FUTURE GROW AG PRODUCTS 745-F CANE RUN HARRODSBURG, KY 40330
GARDEN PRO COMPANY 2764 OLD LEXINGTON RD CAVE CITY, KY 42127	GARDEN SOIL SUPPLY LLC 2242 BERLIN STATION RD DELAWARE, OH 43015	GARICK 13600 BROADWAY AVENUE CLEVELAND, OH 44125
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	GOOD EARTH HORTICULTURE, INC P.O. BOX 266 LANCASTER, NY 14086
GORILLA PLANT FOOD 8705 HARRIS RD PADUCAH, KY 42001	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 COUNTRY SOIL 8500 S. 620 ROAD MIAMI, OK 74354	GREEN LIGHT PO BOX 17985 SAN ANTONIO, TX 78216

TABLE 3 (Continued)

GREEN LIGHT A VALENT USA CO POB 8025 WALNUT CREEK, CA 94596	GREEN RIVER FEED MILL P.O. BOX 410 700 S. MAIN STREET MORGANTOWN, KY 42261	GREEN SCIENCE TECHNOLOGY 4598 HIGHWAY H SILEX, MO 63377
GREEN TECHNOLOGIES LLC POB 35790 GAINESVILLE, FL 32635-7905	GREENLEAF PLANT FOOD P.O. BOX 113 410 VAKSDAHL AVENUE DANVILLE, KY 40423	GREENLEAF PRODUCTS 38190 HWY 27 DAVENPORT, FL 33837
GREENPOINT AG P.O. BOX 459 HARDINSBURG, KY 40143	GREENPOINT AG LLC (ADM) 3350 PLAYERS CLUB PARKWAY #100 MEMPHIS, TN 38125	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 4221 ALEXANDRIA PIKE COLD SPRING, KY 41076-1821	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
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
GUSTAFSON LLC 1400 PRESTON ROAD STE 400 PLANO, TX 75093	HAIFA NORTH AMERICA INC 307 CRANES ROOST BLVD #2030 ALAMONTE SPRINGS, FL 32701	HANCOCK COUNTY FARM 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 MINERALS 357 NORTH PIKE RD SARVER, PA 16055
HELENA CHEMICAL 120 SETTLE RD. INMAN, SC 29349-7501	HELENA CHEMICAL CO (SHARON) 4874 HWY 45 E SHARON, TN 38369	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
HIDDEN CREATIONS 1000 LINCOLN ROAD SUITE H, #123 YUBA CITY, CA 95991	HILANDER FEED COMPANY 618 MILITARY ST. GEORGETOWN, KY 40324	HOLLAND BEAUTY CORP 8480 N. 87TH ST. MILUAKEE, WI 53224
HOMEGROWN HYDROPONICS INC 26 METEOR DRIVE TORONTO, ON M9W 1A4	HONEYWELL P.O. BOX 1559 HOPEWELL, VA 23860	HORTISOL USA CORPORATION 7340 STEMLEY BRIDGE RD TALLADEGA, AL 35160
HOWARD JOHNSONS ENT., INC. 9675 S 60TH ST FRANKLIN, WI 53132	HUGH SIMS 438 THIRD STREET NEW HAVEN, KY 40051	HUMBOLDT NUTRIENTS 6 FIFTH STREET EUREKA, CA 95501

TABLE 3 (Continued)

HYDROGRO LLC 6045 N SCOTTSDALE RD SCOTTSDALE, AZ 85250	HYDROGRO LLC (ADMIN) 4495 ENCHANTED LANE MOUND, MN 55364	HYDROLYSATE COMPANY OF AMERICA, LLC P.O. BOX 271 ISOLA, MS 38754
HYPERFORMER PRODUCTS 7664 SMYTHE FARM RD MEMPHIS, TN 38120	HYPONEX CORP. 14111 SCOTTSLAWN 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	INNICTIS CROP CARE LLC 1220 W ASH STREET SUITE B WINDSOR, CO 80550
INSTA-GRO MANUFACTURING, INC. 8217 LINN HIPSHER RD. CALEDONIA, OH 43314	INTELLI GROWTH INDUSTRIES LLC 3450 W SPENCER ST APPLETON, WI 54914	INTERNATIONAL CHEMICAL 1887 E 71ST STREET TULSA, OK 74136
INTEROCEANIC CORPORATION 500 EXECUTIVE BLVD OSSINING, NY 12508	J. R. PETERS 6656 GRANT WAY ALLENTOWN, PA 18106	J.R. SIMPLOT COMPANY (BOI) P.O. BOX 27 BOISE, ID 83707
JANES FERTILIZER & FARM SUPPLY 4540 EDMONTON RD. COLUMBIA, KY 42728	JH BIOTEC 4951 OLIVAS PARK DR VENTURA, CA 93003	JIFFY OF THE AMERICAS 601 STEPHEN BEALE DR FULTON, KY 42041-1620
JIGSAW MARKETING & MEDIA LTD POB 703 BUCKS, UK HP6 9BX	JIMMY SANDERS (BG) 1753 RICHPOND RD BOWLING GREEN, KY 42104	JIMMY SANDERS (HART) POB 23 HARTFORD, KY 42347
JIMMY SANDERS (KEVIL) 12240 HWY 60 WEST KEVIL, KY 42053	JIMMY SANDERS (MAY) 521 S 16TH STREET MAYFIELD, KY 42066	JIMMY SANDERS (MAY-AL) 622 ALLEN ST MAYFIELD, KY 42066
JIMMY SANDERS (RUSS) 95 UTILITY DRIVE RUSSELLVILLE, KY 42276	JIMMY SANDERS (WING) 2559 STATE RT 94W WINGO, KY 42088	JON CARLOFTIS 155 CHENAULT RD LEXINGTON, KY 40502
JONATHAN GREEN & SONS P.O. BOX 326 FARMINGDALE, NJ 07727	JONI MILLER 8425 GUTHRIE RD GUTHRIE KY 42234, 42234	JRM CHEMICAL 4881 NEO PKWY. CLEVELAND, OH 44128
JUNGLE GROWTH 1771 BROAD ST STATHAM, GA 30666	KEES FARM SERVICE & SUPPLY LLC P.O. BOX 901 GRAYSON, KY 41143	KEG RIVER CHEMICAL CORP 10350 21 ST EDMONTON, AB T6P 1W4
KELLY REGISTRATION SYSTEMS 10115 HWY 142, N 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	KEYPLEX POB 2515 WINTER PARK, FL 32790	KNOX FERTILIZER CO., INC. P.O. BOX 248 W. CULVER ROAD KNOX, IN 46534

TABLE 3 (Continued)

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 POB 2219 WICHITA, KS 67201
KOCH FERTILIZER TRADING SARL (ADMN) POB 2900 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 P.O. BOX 2900 WICHITA, KS 62701-2900	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
LAMINATIONS, INC. 1300 MEYLERT AVE SCRANTON, PA 18509	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	LIGHTHOUSE PRODUCT SERVICES LLC 1966 W 15TH STREET SUITE 6 LOVELAND, CO 80538	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	MANSCO ENVIRONMENTAL SERVICES INC 4055 SERAPH DRIVE SUITE 1 CONWAY, AR 72034
MARS FISHCARE NORTH AMERICA INC PO BOX 218 CHALFONT, PA 18914	MARS PLANTCARE 20425 SENECA MEADOWS PARKWAY GERMANTOWN, MD 20876	MARSHALL COUNTY SOIL 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	MASTER NURSERY 2151 SALVIO ST SUITE 255 CONCORD, CA 94520	MASTERBLEND INTERNATIONAL LLC 4673 WEITZ RD MORRIS, IL 60450
MATHIS FARM SUPP. 5799 SHAW RD. MELBER, KY 42069	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
MFS ALLIANCE INC P.O. BOX 179 EDMONTON, KY 42129	MGS HORTICULTURAL 50 HAZELTON LEAMINGTON, ON N8H 3W1	MICHIGAN BULB CO. AND AFFILIATES 110 W ELM STREET TIPP CITY, OH 45371-1655

TABLE 3 (Continued)

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) 2229 MOSS TRAIL GARLAND, TX 75044	MIGHTY GROW INC 870 EDWARD LOPER RD FRUITDALE, AL 36539	MILES OWENSBORO P.O. BOX 22879 OWENSBORO, KY 42301
MILLER CHEMICAL & FERT. 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	MISSISSIPPI PHOSPHATES CORP P.O. BOX 848 PASCAGOULA, MS 39568-0848	MISSISSIPPI VALLEY AG 5217 GUTHRIE HWY CLARKSVILLE, TN 37040
MITCHELL PRODUCTS 1205 W MAIN ST MILLVILLE, NJ 08332	MOLLY HICKMAN 20920 N W KACHINA AVE REDMON, OR 97756	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 CROP NUTRITION LLC (ADMIN) 13830 CIRCA CROSSING DR LITHIA, FL 33547
MOSAIC CROP NUTRITION, LLC 8813 HWY 41 S RIVERVIEW, FL 33569	MPT MUSTARD PRODUCTS & TECHNOLOGIES 101-111 RESEARCH DR SASKATOON, SK S7N 3R2	NACHURS ALPINE SOLUTIONS CORP 421 LEADER ST. MARION, OH 43302-9989
NATURAL TECHNOLOGIES 15 DARTMOUTH DR SUITE 101 AUBURN, NH 03032	NCA BIOTECH 4802 MURRIETA ST CHINO, CA 91710	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
NOVOZYMES BIOLOGICALS, INC 5400 CORPORATE CIRCLE SALEM, VA 24153	NUFARM AMERICAS INC 11901 S AUSTIN AVE ALSIP, IL 60803	NUTRA-FLO CO 1919 GRAND AVE. SIOUX CITY, IA 51107
NUTRECOLOGY, INC 19500 HWY 249, SUITE 245 HOUSTON, TX 77070	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	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



TABLE 3 (Continued)

OLDFIELD, J.A. & SON US HWY 460 WEST MIZE, KY 41352	OMEGA PROTEIN INC 2105 CITY WEST BLVD, SUITE 500 HOUSTON, TX 77042	ORGANIC LABORATORIES INC 2963 SE DOMINICA TERRACE STUART, FL 34997
ORGANIC NUTRIENT SOLUTIONS 851 238TH STREET MILFORD, NE 68405	OSTARA NUTRIENTS USA INC 690-1199 WEST PENDER ST VANCOUVER, BC V6E 2R1	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	PARRISH SHOP/SALES 8834 LARUE RD. HENDERSON, KY 42420
PBI GORDON CORP 1217 W 12TH ST PO BOX 014090 KANSAS CITY, MO 64101	PCS SALES (USA), INC. 1101 SKOKIE BLVD SUITE 400 NORTHBROOK, IL 60062	PENNINGTON SEED INC P.O. BOX 338 HWY 160 GREENFIELD, MO 65661
PENNINGTON SEED INC. P.O. BOX 290 MADISON, GA 30650	PENNYRILE AG OIL INC. 2260 PRINCETON RD. HOPKINSVILLE, KY 42240	PERDUE AGRI RECYCLE 28338 ENVIRO WAY SEAFORD, DE 19973
PHASE II INC POB 185 15750 S 680 W REMINGTON, IN 47944	PHELPS DODGE CORPORATION ONE NORTH CENTRAL AVE. PHOENIX, AZ 85004	PHOSYN PLC MANOR PLACE, WELLINGTON RD THE INDUSTRIAL ESTATE, POCK. YORK, UK YO42 IDN
PINNACLE ORGANIC PRO PLANT FOOD 401 N WALNUT ST SHERMAN, TX 75091	PIONEER SOUTHERN P O BOX 266 LANCASTER, NY 14086	PLANT HEALTH CARE INC 285 KAPPA DRIVE, SUITE 100 PITTSBURGH, PA 15238
PLANT PRODUCTS CO, LTD 314 ORENDA RD. BRAMPTON, ON L6T 1G1	PLANT RESEARCH SERVICES LLP 2255 141ST LANE NE NO TONNGE REPORTS DUE HAM LAKE, MN 55304	PLANT SCIENCE INC 2934 VANDORF SIDE ROAD GORMLEY, ON L0H 1G0
PLANTABBS PRODUCTS P.O. BOX 165 HUNT VALLEY, MD 21030	PLEASANT VIEW FARMS 446 SOUTH UNION ROAD AUBURN, KY 42206	PMI INTERNATIONAL LLC POB 19798 BRENTWOOD, MO 63144
PMI NUTRITION INTERNATIONAL (ADM) POB 64281 ST. PAUL, MN 55164-0281	POLSON FARM SUPPLY 8202 SULPHUR WELL- KNOBLICK RD. KNOBLICK, KY 42154	PQ CORP. P.O. BOX 840 VALLEY FORGE, PA 19482
PRATHER WORM CASTINGS 582 GOODLET ROAD SALVISA, KY 40372	PRECISION LABORATORIES 1429 S SHIELDS DR WAUKEGAN, IL 60085	PREMIER HORTICULTURE, INC. 127 S 5TH ST., STE. 300 QUAKERTOWN, PA 18951
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	PRESTIGE MARKETING LTD 815 BROWN ROAD ORION, MI 48359
PRINZO, J.C. CONSULTING 65 WINTERBERRY DR. WOMELSDORF, PA 19567-7015	PRO PRODUCTS LLC 7201 ENGLE RD FORT WAYNE, IN 46804	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 401 N WALNUT ST SHERMAN, TX 75090
PROGRESSIVE TURF LLC (ADMIN) 1512 ALEX DRIVE BIRMINGHAM, AL 35210	PROVEN WINNERS NORTH AMERICA LLC 45 NORTH FIRST ST, SUITE B CAMPBELL, CA 95008	PRYOR CHEMICAL COMPANY 4463 HUNT ST PRYOR, OK 74361

TABLE 3 (Continued)

PRYOR CHEMICAL COMPANY (ADMIN) 1309 RIDGE RD, SUITE 315 ROCKWELL, TX 75087	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 PONCHATOU LA PARKWAY PONCHATOU LA, 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	REGAL CHEMICAL CO. 600 BRANCH DR. ALPHARETTA, GA 30009	REGENERATED RESOURCES LLC PO BOX 561 PARIS, AR 01701
REGISTRATIONS BY DESIGN POB 1019 SALEM, VA 24153	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 & TURF SUPPLY POB 86 1093 129TH AVENUE 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	ROBERT WARREN 2301 LAKE TAHOE BLVD SUITE 4 SOUTH LAKE TAHOE, CA 96150	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 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	S. J. ENTERPRISES 2/94 BROWN TCE SALISBURY (AUSTRALI, SA 5108
SANCO INDUSTRIES INC POB 11617 FT WAYNE, IN 46859	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

TABLE 3 (Continued)

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) 831 ROLA RD 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	SO-IL SERVICES INC 91 S ADAMS ST CARTHAGE, IL 62321
SOLUTIONS 4 EARTH (TONNAGE) 911 AMERICAN PACIFIC DR #140 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 63114-0642	SPEED AG SERVICE 345 ST. RT. 166W HICKMAN, KY 42050	SPEEDLING P.O. BOX 307 BUSHNELL, FL 33513
SPRA-GREEN LAWN FERTILIZER LLC POB 845 PORTALES, NM 88130	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	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 CAMPBELLSVILLE, 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 122 RAILROAD AVENUE PO BOX 337 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 (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 112 S. FIRST ST. LAGRANGE, KY 40031	SS (LEBA) LEBANON SVC 1752 BARDSTOWN RD SPRINGFIELD, KY 40069	SS (LEIT) LEITCHFIELD COOP 118 W. WHITE OAK ST. PO BOX 383 LEITCHFIELD, KY 42754

TABLE 3 (Continued)

SS (LIBE) LIBERTY SVC HC 65, BOX 155 225 S WALLACE WILKINSON BLVD LIBERTY, KY 42539 SS (MORG) MORGANFIELD COOP 2746 US HWY 60 W MORGANFIELD, KY 42437	SS (LOND) LONDON COOP 1208 BARBOURVILLE STREET LONDON, KY 40741 SS (NICH) NICHOLASVILLE SVC 701 NICHOLASVILLE BYPASS NICHOLASVILLE, KY 40356	SS (MAYS) FLEMINGSBURG COOP- MAYSVIL 1325 CLYDE BARBOUR HWY PO BOX 668 MAYSVILLE, KY 41056-0668 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. P.O. BOX 916 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 408 WARSAW, KY 41095
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	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	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 (ADMIN) POB 420 HUNTINGBURG, IN 47542	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,	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

TABLE 3 (Continued)

TERRA NITROGEN CORP. PO BOX 6000 SIOUX CITY, IA 51102	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	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 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	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	TRANSAMMONIA INC 4211 W. BOYSCOUT BLVD TAMPA, FL 33607
TRANSLOC TECHNOLOGIES PTY LTD 8 SYMONDS STREET ROYAL PARK, SOUTCH A, AU 5014	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	TURFGRASS, INC. 46495 HUMBOLDT DR NOVI, MI 48377-2446	TWO RIVERS, INC 7158 STREET ROUTE 70E DRAKESBORO, KY 42337
TWO WAY TRADING COMPANY INC POB 8362 DOTHAN, 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. 7802 OLD SPRING RACINE, WI 53406

TABLE 3 (Continued)

UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114	UNITED SUPPLIERS P.O. BOX 538 ELDORA, IA 50627	UNITED TURF ALLIANCE LLC 819 HOLLY RIDGE CANTON, GA 30115
UNITED TURF ALLIANCE LLC (ADMIN) 12840 FORD DRIVE FISHERS, IN 46083	UNIVERSAL COOP INC. 1300 CORPORATE CENTER CURVE EAGAN, MN 55121-1233	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	VIRIDIUM PRODUCTS LLC 5050 WALLACE DR CUMMING, GA 30041
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 POB 46 RIDGWAY, IL 62979-0046	WAGNER REGULATORY ASSOCIATES POB 640 HOCKESSIN, DE 19707	WAGNER SEED & FERTILIZER 10677 OLD BOONEVILLE HW CHANDLER, IN 47610
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
WAYNESBURG AG 457 JAKE FAW RD WAYNESBURG, KY 40489	WILLIAMS FARMS FERTILIZER 424 WILLIAMS LN LACENTER, KY 42056	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	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	





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