

ANNUAL REPORT

Analysis of  
Official Fertilizer Samples  
JULY 2008 THROUGH JUNE 2009

Division of Regulatory Services  
Lexington, Kentucky 40546-0275



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## INTRODUCTION

This bulletin presents the results of the analysis of 2475 official samples of commercial fertilizer taken during the period of July 1, 2008 through June 30, 2009 by the field inspection staff. The samples represented approximately 44,412 tons of fertilizer out of the approximately 587,283.52 tons sold during this period. The Laboratory made 2,220 nitrogen, 1,808 phosphorus, 1,982 potassium and 1,880 chloride, 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 June 30, 2009.

## 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.

## 2 Analysis of Official Fertilizer Samples in Kentucky 2008 - 2009

**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 multiplying 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:

(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<sub>2</sub>O<sub>5</sub> and 11.2% K<sub>2</sub>O. The grade would be printed 0-11-11. However, the investigational allowances are applied on the basis of the 11.9% and 11.2% guarantees. If this custom mixed fertilizer analyzed 10.9% P<sub>2</sub>O<sub>5</sub> and 10.9% K<sub>2</sub>O, only the 10.9% P<sub>2</sub>O<sub>5</sub> would be 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<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O 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.



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

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

### Secondary and Micro Nutrients

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

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

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

The investigational allowance for relative value (RV) is three (3) percentage points.  
The investigational allowance for maximum chlorine is 0.5 percentage point.

## MONETARY PENALTIES

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

### PRIMARY NUTRIENTS AND RV

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

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

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

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

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

#### SECONDARY AND MINOR ELEMENTS

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

#### EXCESS CHLORINE IN TOBACCO FERTILIZERS

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

Any penalty assessed for a deficiency in N, P<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
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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  
2008 AND 2009**

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

<b>Nutrient</b>	<b>2008</b>	<b>2009</b>
	<b>Dollars/Unit (20 lbs.)</b>	
Total Nitrogen (N)	\$8.39	\$14.70
Avail. Phosphate (P <sub>2</sub> O <sub>5</sub> )	\$8.61	\$15.70
Soluble Potash (K <sub>2</sub> O)		
Tobacco (Low CL)	\$7.50	\$23.41
Non-Tobacco	\$4.27	\$14.53
Calcium (Ca)	\$6.01	\$11.50
Magnesium (Mg)	\$11.52	\$13.19
Sulfur (S)	\$5.39	\$10.12
Boron (B)	\$66.25	\$83.21
Copper (Cu)	\$131.90	\$122.22
Iron (Fe)	\$7.63	\$14.05
Manganese (Mn)	\$22.90	\$21.68
Molybdenum (Mo)	\$18.05	\$18.52
Zinc (Zn)	\$31.52	\$38.09

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.

### Kentucky Official NPK Samples 2008-2009

Summary of certain sample characteristics by form and by type

Form	No. of	N Test Def. Rate	P Test Def. Rate	K Test Def. Rate	Sample Def. Rate (%)	Rel. Val. Mean	Av. Lot Size/ Sample	Total Tons Sampled		
	Samples								N Tests	P Tests
Bag	780	10	636	7	750	72	19	103	6	4,753
Bulk	1,584	2	1,127	3	1,182	2	5	101	24	37,891
Liquid	81	4	45	7	50	12	11	105	19	1,541

#### Type

Blended Grade	730	723	11	601	8	709	7	20	103	6	4,138
Manufactured	104	101	4	78	1	90	7	10	110	11	1,175
Material	558	352	0	192	2	199	0	1	100	62	34,657
Custom Mix	1,053	1,044	3	937	3	984	3	7	101	4	4,218

#### Summary

NPK Samples Only	2,445	2,220	5	1,808	4	1,982	4	9	102	18	44,186
All Samples	2,475	2,220	5	1,808	4	1,982	4	12	102	18	44,186

## Kentucky Official NPK Samples 2008-2009

Summary of certain sample characteristics combined by form and by type

Form	Type	Number of Samples	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate (%)	Rel. Val. Mean
Bag	Blended Grade	684	28	3,789	9	20	103
	Manufactured	82	3	850	2	11	109
	Material	14	1	115	0	0	101
Bulk	Blended Grade	5	0	23	0	20	100
	Manufactured	7	0	237	1	0	102
	Material	520	21	33,421	76	10	100
	Custom Mix	1,052	43	4,210	10	7	101
Liquid	Blended Grade	41	2	326	1	17	103
	Manufactured	15	1	88	0	7	115
	Material	24	1	1,122	3	4	101
	Custom Mix	1	0	6	0	0	110

**TOTAL FERTILIZER SUMMARY**

DIVISION OF REGULATORY SERVICES UNIVERSITY OF KENTUCKY

From July, 2008 To June, 2009

	<u>CONTAINER</u>			<u>USE</u>		
	<i>TOTAL</i>	<i>BAG</i>	<i>BULK</i>	<i>LIQUID</i>	<i>FARM</i>	<i>NONFARM</i>
Multi-Nutrient	216,491.26	64,100.38	138,100.10	14,290.78	186,597.0	29,894.2
Nitrogen	329,502.61	12,907.52	143,040.70	173,554.38	327,413.6	2,088.96
Phosphate	1,876.05	204.87	1,635.90	35.29	1,825.53	50.52
Potash	85,562.54	1,040.37	84,444.12	78.05	84,619.94	942.60
Organics	13,606.05	1,307.28	12,298.77	0.00	12,299.32	1,306.73
Sec/Micro	1,706.45	1,300.05	319.73	86.67	1,182.88	523.57
Miscellaneous	14,880.81	2,297.96	12,313.98	268.87	13,611.06	1,269.75
<b>TOTAL</b>	<b>663,625.76</b>	<b>83,158.42</b>	<b>392,153.30</b>	<b>188,314.04</b>	<b>627,549.42</b>	<b>36,076.34</b>



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
-----								
A.H. HOFFMAN	LANCASTER NY	14086						
04-12-00	90446+	5.80	17.22	0.00		144	Blend	Bag
-----								
ADVANCED TURF SOLUTIONS, INC		FISHERS IN	46038					
22-00-05	91838+	22.52	0.00	4.92		102	Blend	Bag
25-00-05	91839+	25.72	0.00	5.33		103	Blend	Bag
-----								
AG DISTRIBUTORS, INC.		NASHVILLE TN	37209					
00-00-60	90643	0.00	0.00	61.07		102	Mat	Bulk
00-00-60	90842	0.00	0.00	61.52		103	Mat	Bulk
00-00-60	91067	0.00	0.00	61.90		103	Mat	Bulk
15-15-15	91071	14.90	14.35	14.63		97	Blend	Bag
18-46-00	90644	18.11	45.53	0.00		99	Mat	Bulk
18-46-00	90730	18.00	45.44	0.00		99	Mat	Bulk
18-46-00	90840	17.93	46.00	0.00		100	Mat	Bulk
18-46-00	91068	17.78	47.16	0.00		102	Mat	Bulk
34-00-00	91066	34.17	0.00	0.00		100	Mat	Bulk
46-00-00	91069	46.17	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.89	99.19	101.26				
ALL SAMPLES,CV %		0.68	2.49	2.51				
NUMBER OF ANALYSIS		7	5	4				
Deficiency Rate = 0.00 %								
-----								
AG/GRO FERTILIZER CO. (HILL ST.)		WINCHESTER KY	40391					
00-00-60	90881	0.00	0.00	59.84		100	Mat	Bulk
00-00-60	92230	0.00	0.00	60.45		101	Mat	Bulk
05-10-10	90927	5.24	10.38	10.99		106	Blend	Bag
05-10-10	90973	4.74	9.48	9.84		96 *	Blend	Bag
05-10-10	91330	6.22	10.72	9.28		105	Blend	Bag
05-10-10	91331	5.16	9.96	11.46		106	Blend	Bag
05-10-10	91424	4.51 *	9.44	9.43		94 *	Blend	Bag
05-10-10	91862	3.79 *	7.69 *	10.60		88 *	Blend	Bag
Statistical Analysis for Grade : 05-10-10								
Number of Samples This Grade : 6								
Average Analysis :		4.94	9.61	10.27		99.2		
CV, %		16.55	11.11	8.61				
05-10-15	91853	5.05	9.82	14.38		97	Blend	Bag
05-10-15	92052	4.60 *	9.23	14.42		95 *	Blend	Bag
05-10-15	92091	4.71	10.05	15.10		100	Blend	Bag
05-10-15	92118	5.39	9.53	15.12		100	Blend	Bag
05-20-20	91679	6.67	20.74	20.15		106	Blend	Bag
05-20-20	92572	6.79	17.70 *	20.62		100	Blend	Bag
06-12-12	91332	5.97	11.64	11.51		97	Blend	Bag
06-12-12	91819	6.66	12.19	12.31		104	Blend	Bag
06-12-12	92569	6.36	12.41	12.72		105	Blend	Bag
06-24-24	92054	8.88	24.87	23.98		107	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
AG/GRO FERTILIZER CO. (HILL ST.) WINCHESTER KY 40391								
09-18-27	92112	8.75	17.26	28.83		103	Blend	Bag
10-10-10	90925	9.18	10.31	10.14		99	Blend	Bag
10-10-10	91117	9.41	10.74	9.54		99	Blend	Bag
10-10-10	91329	8.96 *	9.89	9.45		94 *	Blend	Bag
10-10-10	91388	9.74	10.70	10.04		102	Blend	Bag
10-10-10	91425	9.36	10.28	9.51		97	Blend	Bag
10-10-10	91681	9.61	10.26	10.02		100	Blend	Bag
10-10-10	91686	9.58	11.02	10.06		102	Blend	Bag
10-10-10	91799	8.86 *	9.50	9.96		94 *	Blend	Bag
10-10-10	91852	10.78	11.15	10.72		109	Blend	Bag
10-10-10	91860	10.24	10.38	9.72		101	Blend	Bag
10-10-10	92045	8.89 *	9.90	10.91		99	Blend	Bag
10-10-10	92057	9.79	10.07	10.37		101	Blend	Bag
10-10-10	92089	9.51	9.87	9.97		98	Blend	Bag
10-10-10	92108	10.63	10.64	10.54		106	Blend	Bag
10-10-10	92113	9.82	10.39	9.67		100	Blend	Bulk
10-10-10	92114	8.74 *	9.59	9.96		94 *	Blend	Bag
10-10-10	92116	10.55	10.83	9.79		104	Blend	Bag
10-10-10	92517	8.70 *	10.22	10.17		97	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 18								
Average Analysis :		9.57	10.32	10.03		99.8		
CV, %		6.78	4.54	4.05				
12-12-12	90972	11.27	11.88	11.59		97 *	Blend	Bag
12-12-12	91333	13.28	12.85	11.51		105	Blend	Bag
12-12-12	91820	11.37	12.13	11.26		97 *	Blend	Bag
12-12-12	92056	10.93 *	11.59	11.66		95 *	Blend	Bag
12-12-12	92106	11.56	12.63	11.72		100	Blend	Bag
12-12-12	92570	11.69	12.15	11.68		99	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade : 6								
Average Analysis :		11.68	12.20	11.57		98.6		
CV, %		7.07	3.84	1.47				
14-32-11	92227	14.08	31.97	12.35		102	Blend	Bag
18-46-00	90882	17.93	47.19	0.00		102	Mat	Bulk
18-46-00	92229	17.71	45.19	0.00		98	Mat	Bag
19-19-00	92225	17.43 *	19.53	0.00		97	Blend	Bag
19-19-19	90926	18.33	20.52	19.10		102	Blend	Bag
19-19-19	91116	19.33	20.24	18.10		101	Blend	Bag
19-19-19	91175	19.67	19.25	19.29		102	Blend	Bag
19-19-19	91334	19.07	18.91	18.89		100	Blend	Bag
19-19-19	91426	19.69	19.77	19.95		104	Blend	Bag
19-19-19	91682	18.71	19.08	20.53		102	Blend	Bag
19-19-19	91687	18.64	20.88	19.57		104	Blend	Bag
19-19-19	91851	19.92	20.00	18.79		103	Blend	Bag
19-19-19	91861	19.15	19.75	19.68		103	Blend	Bag
19-19-19	92046	16.75 *	18.66	23.91		104	Blend	Bag
19-19-19	92055	18.13	19.62	20.69		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AG/GRO FERTILIZER CO. (HILL ST.) WINCHESTER KY 40391								
19-19-19	92058	17.84	19.43	20.24		101	Blend	Bulk
19-19-19	92090	18.71	19.73	19.83		102	Blend	Bag
19-19-19	92107	18.67	18.82	19.84		101	Blend	Bag
19-19-19	92115	18.09	19.73	18.73		99	Blend	Bulk
19-19-19	92117	19.46	19.17	18.58		100	Blend	Bag
19-19-19	92571	19.32	18.92	19.93		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 17								
Average Analysis :		18.79	19.56	19.74		101.9		
CV, %		4.28	3.17	6.53				
20-10-10	92053	20.42	9.26	10.19		100	Blend	Bulk
20-10-10	92226	19.51	9.57	9.86		97	Blend	Bag
22-00-00	91680	22.82	0.00	0.00		104	Blend	Bag
22-00-00	91821	23.61	0.00	0.00		107	Blend	Bag
46-00-00	90883	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	92228	45.81	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.12	101.03	101.40				
ALL SAMPLES,CV %		11.01	5.48	5.58				
NUMBER OF ANALYSIS		68	64	63				
Deficiency Rate = 21.43 %								
-----								
AG/GRO FERTILIZER CO. (PEND. ST.) WINCHESTER KY 40391								
12-10-15	92224	12.16	10.56	16.98		105	CM	Bulk
14-09-14	92223	13.95	9.63	16.33	*	107	CM	Bulk
-----								
AGRI-CHEM, INC. (HERN) HERNDON KY 42236								
03-16-16	90371	3.93	17.01	20.14		111	CM	Bulk
-----								
AGRI-CHEM, INC. (HOPK) HOPKINSVILLE KY 42240								
02-11-20	90368	2.78	10.75	22.50		101	CM	Bulk
02-12-14	90346	3.30	13.36	16.60		110	CM	Bulk
02-12-14	90347	3.36	13.53	15.51		108	CM	Bulk
02-12-14	90348	3.23	13.25	15.35		106	CM	Bulk
02-13-21	90369	3.19	13.22	22.47		104	CM	Bulk
02-13-21	90370	3.26	13.34	23.09		105	CM	Bulk
05-27-27	90210	5.93	28.94	27.76		102	CM	Bulk
10-26-25	91695	10.62	26.54	25.67		101	CM	Bulk
10-26-25	91696	10.15	26.29	26.48		101	CM	Bulk
-----								
AGRI-CHEM, INC. (PRIN) PRINCETON KY 42445								
07-18-36	91770	6.94	17.65	36.92		100	CM	Bulk
07-18-36	91774	7.20	18.69	36.36		101	CM	Bulk
09-23-30	91775	8.64	23.67	30.13		101	CM	Bulk
09-23-30	91777	8.23	22.39	31.19		100	CM	Bulk
10-26-26	91768	10.05	26.97	25.61		101	CM	Bulk
10-26-26	91769	10.34	27.09	26.02		102	CM	Bulk
10-26-26	91772	9.85	25.98	27.31		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRI-CHEM, INC. (PRIN)		PRINCETON KY 42445						
12-24-24	91773	11.55	23.95	26.65		101	CM	Bulk
19-19-19	91776	19.15	19.97	19.44		101	CM	Bulk
27-13-13	91771	27.33	14.59	14.37		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.80	101.56	102.27				
ALL SAMPLES,CV %		3.18	3.29	3.17				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
AGRI-CHEM, INC. (TRENT)		TRENTON KY 42286						
06-29-25	90411	5.83	28.78	27.46		99	CM	Bulk
06-29-25	90412	5.87	29.23	26.68		100	CM	Bulk
06-29-25	90413	5.79	28.59	27.32		99	CM	Bulk
06-29-25	90414	6.02	29.15	27.09		100	CM	Bulk
06-29-25	90415	6.21	30.38	26.01		102	CM	Bulk
06-29-25	90416	6.10	30.33	26.15		102	CM	Bulk
Statistical Analysis for Grade : 06-29-25								
Number of Samples This Grade : 6								
Average Analysis :		5.97	29.41	26.79		100.1		
CV, %		2.8	2.61	2.27				
11-28-22	91352	11.14	28.51	21.44		98	CM	Bulk
11-28-22	91353	11.57	29.64	23.28		103	CM	Bulk
11-28-22	91354	11.51	28.74	21.49		99	CM	Bulk
30-11-11	91812	30.84	11.81	12.60		104	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.76	100.17	102.73				
ALL SAMPLES,CV %		3.61	2.43	4.21				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
AGRIENERGY RESOURCES		PRINCETON IL 61356						
00-00-00	92396+	0.00	0.00	0.00			Mnfr	Liq
00-00-04	92395+	0.00	0.00	5.11		128	Mnfr	Liq
01-03-02	92389	2.37	5.30	2.67		173	Mnfr	Liq
02-00-01	92391+	2.43	0.00	1.05		116	Mnfr	Liq
02-10-10	92394+	3.34	10.95	10.97		115	Mnfr	Liq
05-00-00	92390+	5.39	0.00	0.00		108	Mnfr	Liq
10-00-00	92392	11.80	0.00	0.00		118	Mnfr	Liq
-----								
AGRILIANCE, LLC/WINFIELD SOLUTIONS		ST. PAUL MN 55164-0089						
16-06-16	92048	14.34 *	5.81	17.97		100	Blend	Bag
28-03-04	92047+	28.68	3.62	4.25		105	Blend	Bag
-----								
AGRIPORT TERMINAL		EDDYVILLE KY 42038						
00-00-60	90073	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	90217	0.00	0.00	60.11		100	Mat	Bulk
00-00-60	91100	0.00	0.00	59.86		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRIPORT TERMINAL EDDYVILLE KY 42038								
09-23-30	91648	8.82	23.01	30.46		100	CM	Bulk
09-23-30	91649	9.12	23.59	29.92		101	CM	Bulk
09-23-30	91651	9.01	23.23	30.29		101	CM	Bulk
09-23-30	91652	8.85	23.43	30.04		101	CM	Bulk
11-29-21	91106	11.70	30.82	21.89		103	CM	Bulk
11-29-21	91107	11.58	29.92	21.27		100	CM	Bulk
11-52-00	90075	10.69	51.87	0.00		99	Mat	Bulk
11-52-00	90218	10.67	52.40	0.00		100	Mat	Bulk
12-30-20	91647	11.98	31.21	19.67		100	CM	Bulk
18-20-20	91002	18.06	20.23	20.70		101	CM	Bulk
18-20-20	91003	18.13	20.82	20.69		102	CM	Bulk
18-46-00	90074	17.79	46.03	0.00		100	Mat	Bulk
18-46-00	90219	17.89	46.36	0.00		100	Mat	Bulk
18-46-00	90220	17.82	46.28	0.00		100	Mat	Bulk
18-46-00	90608	18.35	46.15	0.00		101	Mat	Bulk
18-46-00	91099	17.67	46.08	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 5								
Average Analysis :		17.90	46.18	0.00		100.2		
CV, %		1.46	0.3	0				
30-00-00	92447	29.75	0.00	0.00		99	Mat	Liq
32-00-00	91001	30.73	0.00	0.00		96 *	Mat	Liq
32-00-00	91650	31.83	0.00	0.00		99	Mat	Liq
32-00-00	91829	31.54	0.00	0.00		99	Mat	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.04	101.06	100.87				
ALL SAMPLES,CV %		1.42	1.15	1.41				
NUMBER OF ANALYSIS		20	16	12				
Deficiency Rate = 4.35 %								
-----								
AGRIUM ADVANCED TECHNOLOGIES US INC REESE MI 48757-9340								
00-00-00	91141+	0.00	0.00	0.00			Mat	Bag
00-00-00	91164+	0.00	0.00	0.00			Mat	Bag
00-00-00	92553+	0.00	0.00	0.00			Mat	Bag
-----								
AGRIUM U.S. INC. (DENV) DENVER CO 80237								
05-08-21	90504+	5.79	8.48	22.55		108	Mnfr	Bulk
44-00-00	90150+	45.36	0.00	0.00		103	Mat	Bulk
44-00-00	90166+	45.26	0.00	0.00		103	Mat	Bulk
44-00-00	90182+	45.20	0.00	0.00		103	Mat	Bulk
-----								
AGRO CULTURE LIQUID FERT. ST. JOHNS MI 48879								
02-01-06	92065	3.05	1.76	6.90		131	Mnfr	Liq
05-13-04	91564+	6.71	13.45	4.69		113	Blend	Liq
05-13-04	91565+	7.20	13.29	4.61		114	Blend	Liq
08-22-02	91566+	8.94	22.86	3.12		109	Blend	Liq
-----								
AGRO DISTRIBUTION, LLC HARDINSBURG KY 40143								
00-00-60	90547	0.00	0.00	60.68		101	Mat	Bulk
09-24-28	90350	10.12	26.17	26.50 *		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
AGRO DISTRIBUTION, LLC HARDINSBURG KY 40143								
09-24-28	90351	10.46	27.13	25.90 *		106	CM	Bulk
10-10-19	90349	10.81	10.54	22.47		107	CM	Bulk
15-18-23	92181+	14.71	18.18	25.16		102	CM	Bulk
17-09-13	92359	17.02	8.70	14.24		100	CM	Bulk
18-46-00	90546	18.05	46.20	0.00		100	Mat	Bulk
20-12-18	92167	20.53	13.67	18.80		101	CM	Bulk
20-12-18	92168	19.97	12.13	20.40		101	CM	Bulk
32-21-00	92180	32.33	23.20	0.00		102	CM	Bulk
34-11-00	92182	34.48	11.75	0.00		101	CM	Bulk
36-14-00	92169	36.14	15.80	0.00		100	CM	Bulk
46-00-00	90548	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.65	103.70	102.02				
ALL SAMPLES,CV %		4.12	5.07	7.11				
NUMBER OF ANALYSIS		12	11	8				
Deficiency Rate = 15.38 %								
-----								
AGROTAIN INTERNATIONAL, LLC ST. LOUIS MO 63147								
46-00-00	91562	46.20	0.00	0.00		100	Mat	Bulk
-----								
ALLEN COUNTY FARMERS SERVICE SCOTTSVILLE KY 42164								
19-19-19	90860	18.51	18.83	20.02		99	CM	Bulk
19-19-19	90861	18.62	20.15	19.26		100	CM	Bulk
19-19-19	90865	18.56	20.06	20.15		101	CM	Bulk
21-25-11	90863+	19.38	26.59	11.14		101	CM	Bulk
24-15-12	90872+	22.87	17.35	13.66		103	CM	Bulk
25-16-12	90859+	25.50	17.27	12.63		100	CM	Bulk
25-16-12	90866+	25.49	16.76	14.21		102	CM	Bulk
25-16-12	90869+	24.76	17.63	13.67		101	CM	Bulk
26-13-13	90871+	24.95	12.94	13.08		99	CM	Bulk
36-15-00	90868	35.49	15.67	0.00		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.15	103.20	104.41				
ALL SAMPLES,CV %		1.63	3.35	4.14				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
-----								
ALLEN COUNTY FEED & SEED, INC. SCOTTSVILLE KY 42164								
18-16-16	91522	19.07	15.97	17.92		102	CM	Bulk
19-19-19	91517	18.02	19.22	19.87		98	CM	Bulk
19-19-19	91521	18.77	20.01	19.92		101	CM	Bulk
20-12-16	91518	20.55	11.48	17.39		102	CM	Bulk
24-09-12	91516	24.46	9.26	12.19		102	CM	Bulk
26-23-00	91523	26.23	22.12	0.00		99	CM	Bulk
26-23-00	91524	25.92	22.82	0.00		99	CM	Bulk
27-07-07	90867	27.51	6.49	7.05		98	CM	Bulk
39-11-00	91519	38.17	12.51	0.00		100	CM	Bulk
39-11-00	91520	38.01	13.08	0.00		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
ALLEN COUNTY FEED & SEED, INC. SCOTTSVILLE KY 42164								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.09	100.29	103.85				
ALL SAMPLES,CV %		2.91	6.78	4.15				
NUMBER OF ANALYSIS		10	10	6				
Deficiency Rate = 0.00 %								
-----								
ALLENSVILLE CROP SVC. ALLENSVILLE KY 42204								
07-33-21	90362	6.92	32.72	22.58		100	CM	Bulk
07-33-21	90363	6.91	33.37	21.78		100	CM	Bulk
07-33-21	90364	7.00	33.57	21.19		100	CM	Bulk
11-28-22	90274	11.07	28.04	21.83		98	CM	Bulk
11-28-22	90275	11.05	28.23	21.96		98	CM	Bulk
13-33-14	92021+	12.56	32.62	15.25		101	CM	Bulk
13-33-14	92022+	12.50	32.48	15.34		100	CM	Bulk
13-34-15	91293	13.30	33.75	15.77		100	CM	Bulk
13-34-15	91294	13.62	34.02	15.31		100	CM	Bulk
13-34-15	91295	13.56	33.88	15.52		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.90	98.97	101.98				
ALL SAMPLES,CV %		1.2	1.28	3.85				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
ANDERSON CO FARM SVC LAWRENCEBURG KY 40342								
18-46-00	91422	18.10	44.80	0.00		98	Mat	Bulk
33-00-00	91423	34.07	0.00	0.00		103	Mat	Bulk
-----								
BALLARD COUNTY COOPERATIVE LA CENTER KY 42056								
00-00-60	91700	0.00	0.00	60.63		101	Mat	Bulk
06-15-40	91698	5.93	15.54	41.79		103	CM	Bulk
06-15-40	91701	5.90	15.37	41.48		102	CM	Bulk
06-15-40	91702	5.90	15.47	41.84		103	CM	Bulk
06-15-40	91706	5.64	14.98	40.65		100	CM	Bulk
06-17-36	91708	6.90	17.50	38.51		102	CM	Bulk
08-20-33	91697	7.67	19.98	34.54		101	CM	Bulk
09-23-30	91707	8.97	22.85	31.14		101	CM	Bulk
09-24-27	91704	9.52	24.62	28.80		101	CM	Bulk
09-24-27	91705	9.27	24.06	29.33		101	CM	Bulk
10-27-24	91703	10.83	27.43	24.90		101	CM	Bulk
18-46-00	91699	18.05	46.20	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.84	99.05	104.00				
ALL SAMPLES,CV %		2.3	1.66	1.53				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
-----								
BANDANA AG INC. BANDANA KY 42022								
07-18-36	92247	7.04	18.20	37.57		102	CM	Bulk
07-18-36	92249	7.27	18.61	37.81		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
BANDANA AG INC. BANDANA KY 42022								
07-20-33	92244	7.46	18.84	36.41		101	CM	Bulk
07-20-33	92245	7.94	20.80	35.05		103	CM	Bulk
07-20-33	92246	8.64	21.90	32.61		102	CM	Bulk
09-23-30	91709	9.57	24.20	29.60		102	CM	Bulk
09-23-30	91710	9.14	23.34	30.67		102	CM	Bulk
19-08-18	92248	19.46	7.50	19.28		102	CM	Bulk
-----								
BAYER ADVANCED, BU OF BCS LP RESEARCH TRIANGLE PK NC 27709								
04-07-04	91272	7.48	7.84	9.15		161	Blend	Bag
-----								
BICKETT AGRI CTR. CENTRAL CITY KY 42330								
09-23-30	92399	8.29	21.94	31.57		100	CM	Bulk
09-23-30	92400	8.37	21.91	31.84		100	CM	Bulk
09-23-30	92401	8.77	23.79	29.74		101	CM	Bulk
-----								
BLOOMFIELD FERTILIZER CHEM CO., INC BLOOMFIELD KY 40008-0370								
00-00-60	90746	0.00	0.00	60.21		100	Mat	Bulk
18-46-00	90744	17.98	45.72	0.00		100	Mat	Bulk
19-00-22	92255	19.55	0.00	23.65		105	CM	Bulk
19-19-19	92258	18.60	19.09	20.89		101	CM	Bulk
21-03-00	92254	23.50	3.93	0.00		108	CM	Bulk
21-12-18	92259	24.54	13.67	14.90 *		98	CM	Bulk
22-00-00	92257	22.69	0.00	0.00		100	CM	Bulk
22-03-00	92260	21.17	4.07	0.00		96 *	CM	Bulk
22-06-07	92187	21.63	7.28	7.39		101	CM	Bulk
22-12-17	92256	25.25	11.67	15.30 *		97	CM	Bulk
23-14-15	92261	25.72	13.70	13.84 *		100	CM	Bulk
30-00-16	92188	32.22	0.00	14.96 *		98	CM	Bulk
46-00-00	90745	45.95	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.54	103.46	95.45				
ALL SAMPLES,CV %		7.21	6	11.11				
NUMBER OF ANALYSIS		12	8	8				
Deficiency Rate = 38.46 %								
-----								
BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004								
00-00-30	92351	0.00	0.00	30.24		101	CM	Bulk
00-00-30	92352	0.00	0.00	29.73		99	CM	Bulk
00-00-60	90631	0.00	0.00	60.03		100	Mat	Bulk
09-23-30	92350	8.75	23.17	29.14		99	CM	Bulk
09-23-30	92357	8.75	22.66	30.08		99	CM	Bulk
12-30-20	92355	12.01	29.89	20.80		100	CM	Bulk
12-30-20	92356	12.14	29.75	20.88		100	CM	Bulk
17-04-10	92354	17.59	4.14	11.01		101	CM	Bulk
18-46-00	90629	18.07	45.43	0.00		99	Mat	Bulk
19-19-18	92353	19.87	19.64	18.24		99	CM	Bulk
20-00-06	92349	20.22	0.00	7.07	*	102	CM	Bulk
36-00-12	92358	36.96	0.00	14.51		105	CM	Bulk
46-00-00	90630	45.97	0.00	0.00		100	Mat	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.81	99.34	102.11				
ALL SAMPLES,CV %		1.65	2.03	4.52				
NUMBER OF ANALYSIS		10	7	11				
Deficiency Rate = 0.00 %								
-----								
BONNIE PLANTS UNION SPRINGS AL 36085								
08-04-04	92547	7.18 *	3.34 *	2.53 *		82 *	Blend	Liq
-----								
BOYD FARM CTR. CROFTON KY 42217								
18-18-18	92445	18.51	18.06	18.24		100	CM	Bulk
19-19-19	92446	19.02	20.78	18.97		101	CM	Bulk
-----								
BRYANT, OTIS & SON CANEYVILLE KY 42721								
09-09-09	91924	9.26	9.36	10.55		101	CM	Bulk
18-18-10	91923	18.96	18.53	10.54		100	CM	Bulk
19-19-19	91918	19.36	18.84	19.70		100	CM	Bulk
19-19-19	91919	19.70	18.83	19.47		100	CM	Bulk
19-19-19	91920	19.70	19.38	19.64		101	CM	Bulk
22-23-11	91926	23.24	21.96	11.86		99	CM	Bulk
24-23-10	91925	23.85	22.15	10.89		99	CM	Bulk
28-27-00	91921	28.78	27.71	0.00		99	CM	Bulk
29-17-07	91922	29.85	16.08	8.72		100	CM	Bulk
37-06-06	91917	37.41	6.80	6.37		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.91	98.11	105.02				
ALL SAMPLES,CV %		1.61	3.53	5.59				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
-----								
C & F FARM SUPPLY, INC. HISEVILLE KY 42152								
00-00-60	90838	0.00	0.00	61.60		103	Mat	Bulk
03-09-45	90830+	3.65	9.34	45.31		101	CM	Bulk
07-18-36	90834	6.63	17.81	37.91		101	CM	Bulk
16-11-00	90831	17.21	11.95	0.00		102	CM	Bulk
16-11-00	90835	16.10	12.33	0.00		99	CM	Bulk
18-46-00	90562	18.02	46.33	0.00		101	Mat	Bulk
20-06-00	90828	20.70	7.17	0.00		103	CM	Bulk
22-35-00	90873	22.67	35.63	0.00		101	CM	Bulk
25-00-13	90833	24.96	0.00	14.16		101	CM	Bulk
26-13-00	90832	26.22	13.96	0.00		99	CM	Bulk
27-13-13	90829	26.99	13.99	13.77		100	CM	Bulk
28-00-00	90874	28.00	0.00	0.00		100	CM	Bulk
34-00-00	90836	34.11	0.00	0.00		100	Mat	Bulk
46-00-00	90837	46.18	0.00	0.00		100	Mat	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		99.61	101.72	103.05				
ALL SAMPLES,CV %		2.66	2.38	2.75				
NUMBER OF ANALYSIS		13	9	5				
Deficiency Rate = 0.00 %								
-----								
C F INDUSTRIES DEERFIELD IL 60015-2590								
46-00-00	92158	46.20	0.00	0.00		100	Mat	Bulk
-----								
CAMERON CHEMICALS, INC. PORTSMOUTH VA 23702-2313								
00-00-00	90731+	0.00	0.00	0.00			Mnfr	Bulk
00-00-00	92039+	0.00	0.00	0.00			Blend	Bulk
00-00-00	92042+	0.00	0.00	0.00			Mat	Bag
00-00-00	92061+	0.00	0.00	0.00			Blend	Bag
00-00-00	92066+	0.00	0.00	0.00			Blend	Bulk
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				
-----								
CECILIA FARM SVC INC. CECILIA KY 42724								
00-00-60	90519	0.00	0.00	60.86		101	Mat	Bulk
00-45-00	90520	0.00	45.20	0.00		100	Mat	Bulk
18-46-00	90939	17.86	46.51	0.00		101	Mat	Bulk
24-15-15	91182	23.92	16.41	17.92		104	CM	Bulk
25-18-12	90938	25.01	19.21	12.26		101	CM	Bulk
25-34-00	91177	24.82	34.75	0.00		100	CM	Bulk
27-16-10	91176	27.89	16.57	11.85		103	CM	Bulk
28-17-08	91179	27.84	17.32	12.10		104	CM	Bulk
28-18-08	91180	28.65	19.20	9.04		103	CM	Bulk
28-28-00	90937	28.89	28.55	0.00		101	CM	Bulk
33-20-00	91178	33.99	21.25	0.00		102	CM	Bulk
34-09-06	91181	35.13	9.58	8.25		103	CM	Bulk
34-17-00	90936	35.03	17.25	0.00		100	CM	Bulk
46-00-00	90940	46.09	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.90	101.65	112.31				
ALL SAMPLES,CV %		1.31	2.01	12.78				
NUMBER OF ANALYSIS		12	12	7				
Deficiency Rate = 0.00 %								
-----								
CEN FARMERS SUP. OF GREEN GREENSBURG KY 42743								
00-00-60	90612	0.00	0.00	60.85		101	Mat	Bulk
16-17-19	91030	16.41	18.89	19.27		101	CM	Bulk
18-46-00	90611	18.02	45.98	0.00		100	Mat	Bulk
19-19-19	90875	20.33	20.05	18.72		102	CM	Bulk
19-19-19	90908	20.62	20.23	19.31		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CEN FARMERS SUP. OF GREEN GREENSBURG KY 42743								
19-19-19	90909	20.60	19.90	19.82		104	CM	Bulk
19-19-19	91027	19.36	19.08	19.80		100	CM	Bulk
19-19-19	91028	19.45	19.30	19.39		100	CM	Bulk
19-19-19	91058	20.28	19.25	19.65		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		20.11	19.64	19.45		101.9		
CV, %		2.79	2.46	2.13				
25-09-09	91029	25.44	9.63	9.27		100	CM	Bulk
31-12-09	90910	31.87	12.29	9.61		101	CM	Bulk
36-06-06	91031	38.25	6.48	5.17 *		100	CM	Bulk
46-00-00	90613	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	90614	46.10	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.24	101.40	97.85				
ALL SAMPLES,CV %		2.64	2.75	6.89				
NUMBER OF ANALYSIS		13	11	11				
Deficiency Rate = 7.14 %								
-----								
CENTRAL KENTUCKY CROP SERVICE LORETTO KY 40037								
00-00-50	91866	0.00	0.00	51.09		102	Mat	Bulk
00-00-60	91864	0.00	0.00	61.17		102	Mat	Bulk
18-46-00	91865	17.71	46.42	0.00		100	Mat	Bulk
46-00-00	91863	46.20	0.00	0.00		100	Mat	Bulk
-----								
CHEMSICO, DIV OF UNITED INDUSTRIES ST. LOUIS MO 63114								
10-10-10	90070	10.50	9.82	10.35		102	Blend	Bag
10-10-10	90135	11.15	11.21	11.28		112	Blend	Bag
10-10-10	90309	11.14	11.35	11.40		113	Blend	Bag
10-10-10	90439	10.36	9.33	9.49		97	Blend	Bag
10-10-10	90470	10.63	9.99	10.88		104	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 5								
Average Analysis :		10.76	10.34	10.68		105.5		
CV, %		3.42	8.64	7.3				
10-15-10	90294+	10.50	15.99	10.06		105	Blend	Liq
12-12-12	90440	11.66	12.57	12.99		103	Blend	Bag
19-06-12	91497+	19.43	7.00	12.42		105	Mnfr	Bag
24-08-16	90966+	25.14	8.71	16.76		105	Blend	Bag
24-08-16	91445+	25.08	8.77	17.53		107	Blend	Bag
28-03-03	91807	28.82	2.78	2.66		101	Blend	Bag
29-03-04	91579+	28.71	3.56	4.63		103	Blend	Bag
29-03-04	91803+	29.52	3.70	4.83		106	Blend	Bag
30-03-04	91806	31.22	2.79	4.54		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CHEMSICO, DIV OF UNITED INDUSTRIES ST. LOUIS MO 63114								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.23	106.51	107.09				
ALL SAMPLES,CV %		3.76	9.37	8.02				
NUMBER OF ANALYSIS		14	14	14				
Deficiency Rate = 0.00 %								
-----								
CLEMENTS AG SUPP. SPRINGFIELD KY 40069								
00-00-60	90677	0.00	0.00	60.19		100	Mat	Bulk
18-46-00	90676	17.97	45.36	0.00		99	Mat	Bulk
19-09-14	92433	19.62	8.59	15.60		104	CM	Bulk
19-09-14	92434	20.59	8.62	13.94		101	CM	Bulk
19-09-14	92435	19.50	9.57	13.61		99	CM	Bulk
19-09-14	92436	19.88	8.64	14.90	*	102	CM	Bulk
19-09-14	92437	20.52	9.26	13.91	*	102	CM	Bulk
Statistical Analysis for Grade : 19-09-14								
Number of Samples This Grade : 5								
Average Analysis :		20.02	8.94	14.39		101.6		
CV, %		2.53	5.05	5.78				
21-15-20	92432	22.35	15.20	20.21		102	CM	Bulk
27-00-20	92431	28.82	0.00	19.51		100	CM	Bulk
29-00-18	92430	31.71	0.00	17.54		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.38	96.65	100.39				
ALL SAMPLES,CV %		2.75	3.79	4.95				
NUMBER OF ANALYSIS		9	7	9				
Deficiency Rate = 0.00 %								
-----								
CORBIN FARM & GARDEN CTR. CORBIN KY 40701								
06-12-12	90900	6.51	12.66	11.67		103	Blend	Bag
10-10-10	90901	8.30 *	8.44 *	9.10 *		86 *	Blend	Bag
15-15-15	90902	15.25	14.83	15.08		100	Blend	Bag
19-19-19	90903	18.04	18.40	19.94		99	Blend	Bag
-----								
CROP PRODUCTION SVC INC (CADIZ) CADIZ KY 42211								
05-14-14	90460	6.71	15.39	14.81		106	CM	Bulk
05-14-14	90461	6.43	14.95	15.73		105	CM	Bulk
05-14-14	90462	6.51	15.01	16.24		107	CM	Bulk
05-14-14	90463	6.72	15.27	15.98		108	CM	Bulk
10-27-23	90193	11.69	27.96	24.44		102	CM	Bulk
25-14-14	90572	25.22	15.20	13.89		105	CM	Bulk
25-14-14	90573	25.36	13.70	14.33		101	CM	Bulk
25-14-14	90574	25.56	13.68	14.03		101	CM	Bulk
28-10-10	91653	29.74	10.22	12.68		106	CM	Bulk
30-10-10	91654	30.25	10.92	11.32		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC (CADIZ) CADIZ KY 42211								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.54	102.70	106.88				
ALL SAMPLES,CV %		6.57	3.68	5.52				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (CLA) CLAY KY 42404-2167								
05-24-31	92210	5.03	23.94	33.71		102	CM	Bulk
07-19-28	92211+	6.99	19.08	28.55		101	CM	Bulk
08-19-25	92208+	7.28	19.57	25.93		102	CM	Bulk
08-19-25	92209+	7.39	20.00	26.11		104	CM	Bulk
08-21-32	92035	8.24	20.90	34.85		103	CM	Bulk
08-21-32	92036	7.93	20.80	34.75		102	CM	Bulk
09-23-30	92037	9.22	23.47	31.49		103	CM	Bulk
09-23-30	92038	8.97	22.91	31.66		102	CM	Bulk
CROP PRODUCTION SVC INC (CLAR) CLARKSON KY 42726								
05-13-35	91192	5.48	13.15	36.43		103	CM	Bulk
06-15-40	91186	6.35	15.41	41.63		103	CM	Bulk
19-14-18	91185	20.79	14.19	18.50		103	CM	Bulk
19-18-18	91184	19.88	19.43	18.12		102	CM	Bulk
19-19-19	91188	19.78	18.99	20.58		102	CM	Bulk
19-19-20	91190	19.91	19.16	20.86		103	CM	Bulk
21-09-24	91191	22.39	9.58	24.81		103	CM	Bulk
23-16-16	91189	24.54	15.84	17.00		102	CM	Bulk
32-23-00	91183	31.78	23.30	0.00		100	CM	Bulk
32-23-00	91187	32.19	24.56	0.00		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.05	101.96	103.43				
ALL SAMPLES,CV %		2.72	2.6	3.1				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (FANC) FANCY FARM KY 42039								
09-23-30	91711	8.37	22.31	31.99		101	CM	Bulk
09-23-30	91778	8.19	23.07	30.72		100	CM	Bulk
24-11-14	90577+	23.64	10.91	16.31		102	CM	Bulk
24-11-14	90578+	24.03	10.76	15.20		100	CM	Bulk
26-00-15	90826	27.18	0.00	16.00		102	CM	Bulk
26-00-15	90827	26.74	0.00	16.25		101	CM	Bulk
CROP PRODUCTION SVC INC (GAL) GALESBURG IL 61402								
00-00-22	90557+	0.00	0.00	22.05		100	Mat	Bulk
00-00-50	90581	0.00	0.00	51.64		103	Mat	Bulk
00-00-50	90687	0.00	0.00	51.94		104	Mat	Bulk
00-00-60	90152	0.00	0.00	60.12		100	Mat	Bulk
00-00-60	90154	0.00	0.00	59.83		100	Mat	Bulk
00-00-60	90160	0.00	0.00	60.10		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC INC (GAL) GALESBURG IL 61402								
00-00-60	90161	0.00	0.00	60.72		101	Mat	Bulk
00-00-60	90164	0.00	0.00	61.04		102	Mat	Bulk
00-00-60	90176	0.00	0.00	60.53		101	Mat	Bulk
00-00-60	90180	0.00	0.00	58.82		98	Mat	Bulk
00-00-60	90181	0.00	0.00	60.02		100	Mnfr	Bulk
00-00-60	90320	0.00	0.00	60.40		101	Mat	Bulk
00-00-60	90323	0.00	0.00	60.50		101	Mat	Bulk
00-00-60	90394	0.00	0.00	60.65		101	Mat	Bulk
00-00-60	90517	0.00	0.00	59.62		99	Mat	Bulk
00-00-60	90530	0.00	0.00	60.84		101	Mat	Bulk
00-00-60	90552	0.00	0.00	60.35		101	Mat	Bulk
00-00-60	90569	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	90580	0.00	0.00	60.44		101	Mat	Bulk
00-00-60	90691	0.00	0.00	61.55		103	Mat	Bulk
00-00-60	91676	0.00	0.00	61.35		102	Mat	Bulk
00-00-60	91954	0.00	0.00	61.88		103	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 19								
Average Analysis :		0.00	0.00	60.51		100.9		
CV, %		0	0	1.17				
11-52-00	90151	10.98	52.48	0.00		101	Mat	Bulk
11-52-00	90163	10.98	52.50	0.00		101	Mat	Bulk
11-52-00	90167	10.97	52.70	0.00		101	Mat	Bulk
11-52-00	90395	10.86	52.64	0.00		101	Mat	Bulk
11-52-00	90396	10.86	52.29	0.00		100	Mat	Bulk
11-52-00	90554	11.02	51.90	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 11-52-00								
Number of Samples This Grade : 6								
Average Analysis :		10.95	52.42	0.00		100.6		
CV, %		0.62	0.56	0				
18-46-00	90153	17.97	46.52	0.00		101	Mat	Bulk
18-46-00	90155	17.76	46.68	0.00		101	Mat	Bulk
18-46-00	90156	17.86	46.43	0.00		101	Mat	Bulk
18-46-00	90157	17.93	47.11	0.00		102	Mat	Bulk
18-46-00	90158	17.66	46.34	0.00		100	Mat	Bulk
18-46-00	90159	17.78	46.53	0.00		101	Mat	Bulk
18-46-00	90162	18.22	46.49	0.00		101	Mat	Bulk
18-46-00	90165	17.95	46.49	0.00		101	Mat	Bulk
18-46-00	90177	17.31	46.05	0.00		99	Mat	Bulk
18-46-00	90178	17.53	46.75	0.00		101	Mat	Bulk
18-46-00	90179	17.74	46.56	0.00		101	Mat	Bulk
18-46-00	90321	17.51	45.96	0.00		99	Mat	Bulk
18-46-00	90322	17.86	46.04	0.00		100	Mat	Bulk
18-46-00	90324	17.92	46.71	0.00		101	Mat	Bulk
18-46-00	90393	17.72	46.01	0.00		100	Mat	Bulk
18-46-00	90516	17.95	45.59	0.00		99	Mat	Bulk
18-46-00	90529	17.96	46.43	0.00		101	Mat	Bulk
18-46-00	90553	17.41	45.62	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC INC (GAL) GALESBURG IL 61402								
18-46-00	90570	17.11	45.88	0.00		99	Mat	Bulk
18-46-00	90579	17.48	45.58	0.00		99	Mat	Bulk
18-46-00	90689	17.96	45.40	0.00		99	Mat	Bulk
18-46-00	91675	17.59	45.88	0.00		99	Mat	Bulk
18-46-00	91955	18.22	46.31	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 23								
Average Analysis :								
		17.76	46.23	0.00		100.1		
CV, %								
		1.55	0.96	0				
21-00-00	90558+	21.05	0.00	0.00		100	Mat	Bulk
28-00-00	90001	27.91	0.00	0.00		100	Mat	Liq
28-00-00	91238	27.71	0.00	0.00		99	Mat	Liq
44-00-00	90528+	44.85	0.00	0.00		102	Mat	Bulk
44-00-00	90571+	44.74	0.00	0.00		102	Mat	Bulk
44-00-00	90690+	44.44	0.00	0.00		101	Mat	Bulk
46-00-00	90518	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	90527	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	90561	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	90688	46.19	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.22	100.57	101.07				
ALL SAMPLES,CV %		1.49	0.89	1.36				
NUMBER OF ANALYSIS		39	29	22				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC INC (HARD) HARDIN KY 42048								
04-10-14	90342	5.16	11.47	16.90		111	CM	Bulk
04-10-14	90343	4.79	10.80	15.85		104	CM	Bulk
09-23-30	91911	9.37	23.60	30.15		102	CM	Bulk
09-23-30	92457	7.34 *	19.34 *	34.56		98	CM	Bulk
09-23-30	92458	7.72 *	19.67 *	33.64		98	CM	Bulk
09-23-30	92459	8.65	22.69	29.48		98	CM	Bulk
09-23-30	92460	8.31	21.65	31.08		98	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :								
		8.28	21.39	31.78		98.9		
CV, %								
		9.6	8.7	6.97				
24-09-09	90825	24.99	9.78	9.62		103	CM	Bulk
-----								
CROP PRODUCTION SVC INC (HEN) HENDERSON KY 42420								
09-23-29	90918	9.35	23.96	29.03		101	CM	Bulk
09-23-29	90919	8.14 *	21.51 *	32.65		100	CM	Bulk
09-23-29	90920	8.61	22.60	30.69		100	CM	Bulk
09-23-29	90921	8.56	22.48	31.01		100	CM	Bulk
09-23-30	91234	9.02	23.19	31.62		103	CM	Bulk
09-23-30	91235	8.57	21.95	32.91		102	CM	Bulk
12-30-19	91232	11.77	30.24	22.50		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC INC (HEN) HENDERSON KY 42420								
12-30-19	91233	12.02	30.65	22.09		103	CM	Bulk
12-30-19	91236	11.32	30.20	21.81		101	CM	Bulk
12-30-19	91237	11.90	30.49	21.93		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.43	97.81	107.71				
ALL SAMPLES,CV %		4.26	3.16	3.82				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
CROP PRODUCTION SVC INC (HOD) HODGENVILLE KY 42748								
10-25-26	91348	10.58	26.19	25.45		100	CM	Bulk
18-18-18	91345	19.33	18.73	18.51		102	CM	Bulk
18-18-18	91351	19.57	18.52	17.74		100	CM	Bulk
19-19-19	91347	20.52	19.89	20.25		104	CM	Bulk
19-19-19	91349	20.58	19.46	18.24		100	CM	Bulk
21-17-17	91343	22.79	17.22	17.08		100	CM	Bulk
25-15-15	91342	25.70	15.00	14.51		100	CM	Bulk
31-00-18	91344	35.11	0.00	15.42 *		100	CM	Bulk
33-20-00	91346	34.54	20.09	0.00		101	CM	Bulk
37-06-06	91350	38.39	6.10	6.61		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.82	99.95	96.80				
ALL SAMPLES,CV %		2.56	1.69	7.01				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 10.00 %								
-----								
CROP PRODUCTION SVC INC (HOR) HORSECAVE KY 42749								
04-12-33	91801+	5.95	13.51	32.86		103	CM	Bulk
06-17-36	91738	6.94	18.99	36.58		102	CM	Bulk
14-08-34	91732	14.52	7.78	34.82		100	CM	Bulk
19-19-19	91677	19.74	18.90	19.98		101	CM	Bulk
19-19-19	91733	19.32	20.00	20.65		103	CM	Bulk
22-16-16	91737	23.03	17.21	17.07		101	CM	Bulk
26-18-00	91736	26.65	18.80	0.00		100	CM	Bulk
27-13-13	91734	27.39	13.93	14.66		103	CM	Bulk
27-13-13	91735	27.68	13.51	13.86		101	CM	Bulk
32-12-00	90876	32.85	12.63	0.00		100	CM	Bulk
36-15-00	91678	37.13	14.73	0.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.78	100.23	102.56				
ALL SAMPLES,CV %		5.64	4.58	3.03				
NUMBER OF ANALYSIS		11	11	8				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC INC (MAD) MADISONVILLE KY 42431								
04-11-45	91937	4.16	10.69	47.37		102	CM	Bulk
08-21-31	91940	8.45	21.57	31.62		100	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC INC (MAD) MADISONVILLE KY 42431								
08-22-30	91943	8.81	22.69	30.65		100	CM	Bulk
09-23-29	91941	8.95	23.11	29.95		100	CM	Bulk
09-23-29	91942	9.01	23.09	29.81		100	CM	Bulk
09-23-29	91945	8.68	22.19	31.43		100	CM	Bulk
09-23-30	91944	8.75	23.02	30.25		100	CM	Bulk
29-11-11	91946	30.30	11.53	11.93		101	CM	Bulk
30-09-12	91938	29.85	9.89	14.28		102	CM	Bulk
30-09-12	91939	30.04	9.60	13.90		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.01	98.24	103.60				
ALL SAMPLES,CV %		2.61	2.53	3.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC INC (MOR) MORGANFIELD KY 42437								
03-18-33	90428	4.11	18.96	35.82		103	CM	Bulk
03-18-33	90429	3.93	18.28	35.30		100	CM	Bulk
04-20-32	90432	4.35	20.06	33.43		102	CM	Bulk
04-20-32	90433	4.33	19.78	33.56		101	CM	Bulk
04-20-36	90467	4.15	19.18	38.00		98	CM	Bulk
04-20-36	90468	3.95	20.03	38.31		101	CM	Bulk
04-21-35	90430	4.48	21.17	36.79		101	CM	Bulk
04-21-35	90431	4.26	20.79	36.93		100	CM	Bulk
05-13-17	90465	5.65	13.06	19.66		106	CM	Bulk
05-13-17	90466	5.86	13.76	19.63		109	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.32	99.09	106.51				
ALL SAMPLES,CV %		6.63	2.69	4.03				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
CROP PRODUCTION SVC INC (PEM) PEMBROKE KY 42266								
08-22-31	90418	9.16	22.59	31.43		102	CM	Bulk
08-22-31	90419	8.98	22.15	32.12		102	CM	Bulk
09-23-29	90417	9.46	24.08	29.73		102	CM	Bulk
11-28-22	91876	11.68	30.17	20.57 *		100	CM	Bulk
17-26-17	90551	17.42	25.56	17.39		100	CM	Bulk
19-30-10	90555	19.57	31.56	9.34		101	CM	Bulk
19-30-10	90556	19.66	30.91	9.32		100	CM	Bulk
33-09-03	91877+	34.97	9.38	3.32		104	CM	Bulk
37-09-00	91878+	38.23	8.78	0.00		102	CM	Bulk
38-05-05	91875	39.14	6.01	6.60		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
CROP PRODUCTION SVC INC (PEM) PEMBROKE KY 42266								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.75	101.47	100.22				
ALL SAMPLES,CV %		1.85	3.18	7.58				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								
-----								
CROP PRODUCTION SVC INC (POO) POOLE KY 42444								
09-23-29	92411	8.55	21.89	30.85		99	CM	Bulk
09-23-29	92412	8.64	22.47	30.76		100	CM	Bulk
09-23-30	92409	8.86	22.66	29.35		98	CM	Bulk
10-26-25	92192	9.82	25.08	27.06		99	CM	Bulk
23-10-17	92410	23.69	10.68	18.22		102	CM	Bulk
27-00-20	92193	26.72	0.00	20.21		100	CM	Bulk
44-00-00	92191	43.84	0.00	0.00		98	CM	Bulk
-----								
CROP PRODUCTION SVC INC (RUS) RUSSELLVILLE KY 42276								
09-24-28	91296	9.33	23.23	29.17		99	CM	Bulk
09-25-27	91297	9.45	24.06	28.54		100	CM	Bulk
09-25-27	91298	9.61	24.63	27.70		100	CM	Bulk
10-10-10	91525	9.97	11.35	10.63		103	CM	Bulk
10-25-26	90360	9.12	22.88 *	29.83		96 *	CM	Bulk
10-25-26	90361	10.35	23.35 *	29.46		98	CM	Bulk
10-26-14	91526+	10.14	26.53	15.30		104	CM	Bulk
10-27-23	90434	11.26	27.34	25.26		101	CM	Bulk
10-27-23	90435	10.56	26.99	25.07		99	CM	Bulk
10-27-23	90436	11.01	27.97	24.86		102	CM	Bulk
19-19-19	91306	18.92	19.81	18.53		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.90	98.74	104.77				
ALL SAMPLES,CV %		3.83	5.91	3.81				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 18.18 %								
-----								
CROP PRODUCTION SVC INC (SED) SEDALIA KY 42079								
03-07-30	91906	3.83	7.59	32.13		105	CM	Bulk
03-07-30	91907	3.82	7.69	31.40		104	CM	Bulk
03-07-30	91909	3.68	7.30	32.19		105	CM	Bulk
07-19-28	91904+	7.72	19.36	30.14		102	CM	Bulk
07-19-28	91905+	7.45	19.14	29.53		100	CM	Bulk
15-11-25	91908	15.64	10.57	26.98		102	CM	Bulk
-----								
CROP PRODUCTION SVC INC (WAV) WAVERLY KY 42462								
03-14-16	90405	3.70	14.48	17.95		105	CM	Bulk
03-14-16	90406	3.76	15.21	18.48		109	CM	Bulk
03-14-16	90407	3.79	14.80	17.49		105	CM	Bulk
03-14-16	90408	3.73	14.14	19.36		106	CM	Bulk
08-22-30	92206	8.71	21.80	33.12		102	CM	Bulk
08-22-30	92207	8.71	21.89	32.06		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC (WAV) WAVERLY KY 42462								
DRAKES FARM SVC. MORGANTOWN KY 42261-0308								
07-20-33	92009	7.95	20.99	35.30		104	CM	Bulk
19-19-19	91362	19.32	19.73	18.71		99	CM	Bulk
19-19-19	92004	18.98	19.45	20.30		101	CM	Bulk
19-19-19	92006	19.72	20.02	19.47		104	CM	Bulk
19-19-19	92007	19.01	20.44	19.84		102	CM	Bulk
19-19-19	92008	19.31	19.45	20.28		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.27	19.82	19.72		101.6		
CV, %		1.55	2.12	3.35				
21-14-20	92005	21.31	14.02	20.18		98	CM	Bulk
23-20-13	91815	23.97	20.63	12.99		101	CM	Bulk
25-15-15	91816	25.62	15.27	14.58		100	CM	Bulk
28-28-00	91814	27.44	27.08	0.00		95 *	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.72	101.15	101.19				
ALL SAMPLES,CV %		2.24	3.34	3.4				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								
DRAMM CORPORATION MANITOWOC WI 54220								
02-05-00	92393+	2.04	6.01	0.05		113	Mnfr	Liq
EASY GARDNER WACO TX 76702-1025								
02-07-04	91371+	4.10	14.57	7.00		198	Mnfr	Bag
03-05-06	91273+	5.41	11.51	7.30		175	Blend	Bag
04-04-01	91370+	6.17	10.66	6.17		255	Mnfr	Bag
04-04-04	91453+	6.33	11.94	4.44		192	Blend	Bag
08-11-11	91588	10.90	11.35	14.84		123	Mnfr	Bag
09-12-09	91586	10.57	12.24	10.99		112	Mnfr	Bag
11-03-04	91587	13.93	4.82	5.84		138	Mnfr	Bag
12-16-12	90082	14.46	17.01	15.46		114	Blend	Bag
13-04-05	90457+	14.83	5.75	7.63		128	Blend	Bag
15-03-03	91582	16.63	4.61	4.50		123	Mnfr	Bag
15-03-03	91670	16.24	3.65	4.27		115	Blend	Bag
15-07-06	90089	16.14	6.97	8.51		109	Blend	Bag
15-07-06	90199	16.23	7.60	7.97		111	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		134.41	161.77	175.07				
ALL SAMPLES,CV %		23.17	41.97	76.41				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 0.00 %								
EIGHTY EIGHT FETILIZER CO., INC. EIGHTY EIGHT KY 42130								
17-17-17	91440	17.78	17.89	18.36		102	CM	Bulk
19-19-19	91239	19.27	20.09	20.28		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
EIGHTY EIGHT FETILIZER CO., INC. EIGHTY EIGHT KY 42130								
19-19-19	91242	20.43	19.90	20.00		104	CM	Bulk
27-13-13	90843	27.05	14.57	13.24		101	CM	Bulk
27-13-13	91240	27.10	13.47	14.81		102	CM	Bulk
27-13-13	91241	27.98	14.41	13.91		103	CM	Bulk
27-13-13	91243	27.11	13.49	16.07		104	CM	Bulk
27-13-13	91438	27.77	13.65	13.31		100	CM	Bulk
27-13-13	91439	27.11	13.36	13.79		99	CM	Bulk
27-13-13	91441	27.21	12.74	14.59		100	CM	Bulk
Statistical Analysis for Grade : 27-13-13								
Number of Samples This Grade : 7								
Average Analysis :		27.33	13.67	14.25		101.3		
CV, %		1.38	4.62	7				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.75	100.91	104.41				
ALL SAMPLES,CV %		2	3.95	5.75				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
ELKTON CROP SVC. GUTHRIE KY 42234								
09-23-30	90366	8.56	21.97	30.35		97	CM	Bulk
09-23-30	90367	8.51	21.63	31.76		98	CM	Bulk
10-27-23	92017	10.57	26.89	25.63		101	CM	Bulk
10-27-23	92018	10.50	28.71	24.11		102	CM	Bulk
10-27-23	92019	10.60	28.53	24.25		102	CM	Bulk
10-27-23	92020	10.73	27.66	25.68		103	CM	Bulk
11-10-15	92023+	10.50	9.68	17.15		104	CM	Bulk
15-09-14	92397+	14.86	8.00	15.74		105	CM	Bulk
15-09-14	92398+	14.17	8.46	14.53		100	CM	Bulk
24-16-14	92015	21.87 *	13.91 *	22.12		103	CM	Bulk
24-16-14	92016	23.41	15.05 *	19.45		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.14	95.34	112.76				
ALL SAMPLES,CV %		3.27	6.37	14.28				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 18.18 %								
ENVIRO-SAFE LABS, INC SARASOTA FL 34240								
08-05-05	91802+	8.30	6.41	5.51		113	Mnfr	Bag
10-02-08	90473+	11.07	3.16	6.57 *		110	Blend	Bag
10-02-08	91086+	9.90	3.35	8.73		110	Blend	Bag
12-03-13	92183+	11.69	3.50	14.80		107	Blend	Bag
16-02-14	90132+	15.74	1.97	15.54		102	Blend	Bag
16-02-14	90456+	16.06	2.11	15.00		103	Blend	Bag
16-02-14	91087+	15.89	2.68	15.41		106	Mnfr	Bag
ESPOMA CO. MILLVILLE NJ 08332								
03-04-06	90724+	3.55	3.84	7.60		115	Blend	Bag
04-03-03	90203+	4.11	4.91	2.83		126	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
ESPOMA CO. MILLVILLE NJ 08332								
04-03-03	90442+	3.98	4.04	3.79		119	Blend	Bag
04-03-03	90455+	4.05	4.37	3.83		124	Blend	Bag
04-03-03	90800+	3.93	4.96	3.41		124	Blend	Bag
04-03-04	91585+	3.89	3.01	3.82		98	Mnfr	Bag
04-06-04	90252+	4.08	5.69	5.21		103	Blend	Bag
04-06-04	90483+	4.23	6.54	4.80		110	Blend	Bag
05-03-03	90271+	4.16 *	2.90	4.19		97	Mnfr	Bag
05-03-03	90723+	5.65	3.66	3.43		116	Blend	Bag
05-03-03	91659+	3.91 *	3.75	3.94		106	Blend	Bag
06-06-04	90888+	6.23	7.33	4.70		114	Blend	Bag
06-06-04	91667+	6.50	7.72	4.43		117	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.90	123.37	119.08				
ALL SAMPLES,CV %		10.69	19.67	11.32				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 15.38 %								
-----								
FARMERS FERTILIZER CO. SMITHS GROVE KY 42171								
19-14-10	91713	20.91	16.31	10.05		110	CM	Bulk
19-19-19	91717	19.79	20.67	18.66		104	CM	Bulk
21-00-00	91248	23.02	0.00	0.00		105	CM	Bulk
22-16-11	91249	22.91	17.29	12.53		103	CM	Bulk
23-00-30	91251	24.36	0.00	28.94		101	CM	Bulk
25-18-12	91739	25.05	18.33	13.25		101	CM	Bulk
30-10-10	91715	31.59	9.42	11.72		105	CM	Bulk
32-06-04	91716	34.52	7.55	6.86		110	CM	Bulk
35-15-00	91250	35.79	16.80	0.00		103	CM	Bulk
36-00-12	91714	37.41	0.00	12.84		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.90	105.60	108.67				
ALL SAMPLES,CV %		3.13	6.72	12.49				
NUMBER OF ANALYSIS		10	7	8				
Deficiency Rate = 0.00 %								
-----								
FARMERS FERTILIZER CO.(KELLY RD) BOWLING GREEN KY 42101								
02-06-48	90898+	3.02	7.03	49.00		102	CM	Bulk
04-11-45	90437	4.40	10.80	46.23		99	CM	Bulk
18-18-18	90896	18.12	19.33	17.76		99	CM	Bulk
19-00-34	90897	18.91	0.00	35.26		100	CM	Bulk
19-00-34	90899	18.36	0.00	35.08		99	CM	Bulk
19-13-09	90894	18.85	14.76	11.32		106	CM	Bulk
19-19-19	90895	17.51	17.93	19.00		95 *	CM	Bulk
20-13-22	91530	19.98	13.65	24.77		103	CM	Bulk
22-14-18	90893	23.40	14.12	19.84		102	CM	Bulk
26-09-09	91712	26.76	9.04	11.63		102	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		98.60	98.90	106.29				
ALL SAMPLES,CV %		6.14	5.59	7.38				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 10.00 %								
-----								
FARMERS FERTILIZER CO.(NASH. RD) BOWLING GREEN KY 42101								
09-09-09	91253	10.44	9.31	10.77		108	CM	Bulk
15-15-15	91252	15.53	15.50	15.43		103	CM	Bulk
18-16-16	91266+	17.58	15.54	17.20		101	CM	Bulk
18-18-18	91267	18.80	19.30	17.38		100	CM	Bulk
19-14-10	90839	17.91	13.00	10.86		97	CM	Bulk
19-14-10	91291	19.69	13.43	8.71 *		97	CM	Bulk
25-18-12	91254	25.64	17.86	13.67		102	CM	Bulk
25-18-12	91265	26.18	17.98	12.40		101	CM	Bulk
36-06-07	91268	37.53	6.02	7.66		102	CM	Bulk
36-06-07	91292	37.72	5.97	8.23		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.05	98.71	102.84				
ALL SAMPLES,CV %		4.2	3.1	8.48				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
FARMERS GIN CO. CLINTON KY 42031								
09-23-30	91826	8.82	22.29	29.60		98	CM	Bulk
09-23-30	91827	9.11	22.89	28.87		98	CM	Bulk
09-23-30	91828	9.22	22.92	29.46		99	CM	Bulk
09-23-30	91830	9.09	22.65	30.55		100	CM	Bulk
09-23-30	91831	8.58	22.94	29.89		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.96	22.74	29.67		99.0		
CV, %		2.9	1.22	2.07				
-----								
FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041								
00-00-51	92104	0.00	0.00	51.61		101	Mat	Bulk
00-00-61	91110	0.00	0.00	60.04		98	Mat	Bulk
00-00-61	91119	0.00	0.00	60.10		99	Mat	Bulk
04-04-04	92365+	4.18	4.76	4.88		108	CM	Bulk
06-06-06	91957+	7.63	6.82	6.42		101	CM	Bulk
10-07-11	92363	10.74	7.55	11.21		98	CM	Bulk
10-07-11	92364	10.22	7.28	11.77		99	CM	Bulk
10-10-10	91959+	10.90	10.68	10.10		99	CM	Bulk
12-31-15	91958	12.61	30.97	15.74		100	CM	Bulk
18-46-00	91109	18.16	46.35	0.00		101	Mat	Bulk
18-46-00	91118	18.08	45.53	0.00		99	Mat	Bulk
34-00-00	91111	33.34	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								
34-00-00	91121	33.80	0.00	0.00		101	Mat	Bulk
46-00-00	91112	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	91120	46.02	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.36	99.83	99.89				
ALL SAMPLES,CV %		3.36	5.09	6.21				
NUMBER OF ANALYSIS		12	8	9				
Deficiency Rate = 0.00 %								
-----								
FREE FLOW FERTILIZER CO. MAUMEE OH 43537								
17-24-12	91847+	17.31	23.23	13.37		102	Blend	Bag
20-27-05	91515+	21.04	25.58	6.18		101	Blend	Bag
22-02-14	90449	22.28	4.43	15.06		113	Blend	Bag
22-04-18	90211+	22.66	3.89	18.65		102	Blend	Bag
24-03-12	90143+	24.50	3.14	12.21		102	Blend	Bag
-----								
FRIT INDUSTRIES OZARK AL 36361								
00-00-00	91125+	0.00	0.00	0.00			Mat	Bag
00-00-00	92323+	0.00	0.00	0.00			Mat	Bag
-----								
GRAVES CO CO-OP MAYFIELD KY 42066								
09-23-30	91910	9.36	23.54	30.37		102	CM	Bulk
09-23-30	92250	8.52	22.40	32.55		102	CM	Bulk
09-23-30	92251	8.90	21.82	31.67		100	CM	Bulk
09-23-30	92252	8.74	22.56	31.07		101	CM	Bulk
09-23-30	92253	8.68	22.42	31.65		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.84	22.55	31.46		101.3		
CV, %		3.63	2.76	2.56				
-----								
GREEN CHARGER FERT CORP. RICHMOND VA 23260								
10-10-10	91655	9.46	10.18	9.65		98	Blend	Bag
34-00-00	90787	34.29	0.00	0.00		102	Mnfr	Bag
34-00-00	91172	34.31	0.00	0.00		102	Mat	Bag
34-00-00	91489	34.18	0.00	0.00		102	Mat	Bag
-----								
GREEN LIGHT SAN ANTONIO TX 78216								
05-15-05	90249	4.77	14.22	5.07		96 *	Blend	Liq
05-20-10	90300	5.23	19.14	9.77		97	Blend	Liq
12-55-06	90040+	12.71	54.08	5.95		99	Blend	Bag
12-55-06	90200+	12.27	54.82	5.62		100	Mnfr	Bag
-----								
GREEN RIVER FEED MILL MORGANTOWN KY 42261								
14-36-12	91368	14.17	36.56	12.54		100	CM	Bulk
19-19-19	91360	19.97	20.73	18.18		102	CM	Bulk
19-19-19	91366	19.42	19.77	19.00		100	CM	Bulk
19-19-19	91367	18.67	19.00	20.58		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
GREEN RIVER FEED MILL MORGANTOWN KY 42261								
19-19-19	92001	18.20	19.44	21.30		101	CM	Bulk
19-19-19	92003	17.65	17.24 *	22.39		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.78	19.24	20.29		100.6		
CV, %		4.95	6.68	8.4				
22-22-12	92000	22.63	24.40	12.42		103	CM	Bulk
22-22-12	92002	22.08	22.58	13.65		101	CM	Bulk
24-15-15	91361	23.76	16.04	16.30		100	CM	Bulk
26-13-13	91369	25.11	13.40	13.59		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.46	100.67	105.36				
ALL SAMPLES,CV %		3	4.72	6.29				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
GREENLEAF PLANT FOOD DANVILLE KY 40423								
00-00-21	91871	0.00	0.00	21.40		100	CM	Bulk
00-00-60	90824	0.00	0.00	60.43		101	Mat	Bulk
18-17-22	91869	19.07	16.99	22.22		100	CM	Bulk
18-17-22	91870	18.74	17.49	22.03		100	CM	Bulk
18-46-00	90821	17.92	44.99	0.00		98	Mat	Bulk
25-00-00	91867	25.78	0.00	0.00		101	CM	Bulk
25-00-00	91868	27.23	0.00	0.00		107	CM	Bulk
44-00-00	90822	44.85	0.00	0.00		102	Mat	Bulk
46-00-00	90823	46.20	0.00	0.00		100	Mat	Bulk
-----								
GREENVIEW DIV- LEBANON SEABOARD CO LEBANON PA 17042								
10-16-20	90169+	10.38	17.31	22.44		108	Blend	Bag
30-03-05	90170	31.01	2.61	4.98		101	Blend	Bag
30-03-05	90950	29.58	3.19	5.65		102	Blend	Bag
-----								
GRIFFIN INDUSTRIES INC. COLD SPRING KY 41076-1821								
05-06-06	90121+	5.95	6.56	5.29 *		108	Mnfr	Bag
05-06-06	91558+	6.14	7.51	5.30 *		112	Mnfr	Bag
08-03-05	90115+	8.83	3.32	5.10		109	Mnfr	Bag
08-03-05	90509+	8.84	5.26	6.40		131	Mnfr	Bag
08-03-05	91560+	8.60	3.66	5.28		110	Mnfr	Bag
08-05-05	90118+	8.48	4.70	6.85		107	Mnfr	Bag
08-05-05	90511+	8.27	6.53	5.22		114	Mnfr	Bag
08-05-05	91559+	7.84	6.88	6.21		117	Mnfr	Bag
09-03-07	90512+	9.60	3.00	6.77		103	Mnfr	Bulk
10-02-08	90116+	10.66	1.99	8.14		104	Mnfr	Bag
10-02-08	90510+	10.27	2.44	8.18		106	Mnfr	Bag
10-02-08	91557+	10.29	2.86	8.83		110	Mnfr	Bag
12-02-06	90122+	12.08	2.50	7.26		108	Mnfr	Bag
12-02-06	90515+	11.08	3.24	7.17		108	Mnfr	Bag
13-00-00	90117+	13.15	0.00	0.00		101	Mnfr	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
GRIFFIN INDUSTRIES INC. COLD SPRING KY 41076-1821								
13-00-00	90513+	13.53	0.00	0.00		104	Mnfr	Bulk
13-00-00	90592+	12.79	0.00	0.00		98	Mnfr	Bulk
13-00-00	90956+	12.95	0.00	0.00		100	Mnfr	Bag
13-00-00	91556+	13.43	0.00	0.00		103	Mnfr	Bag
Statistical Analysis for Grade : 13-00-00								
Number of Samples This Grade : 5								
Average Analysis :		13.17	0.00	0.00		101.3		
CV, %		2.37	0	0				
15-02-08	90120+	14.73	2.57	8.04		102	Mnfr	Bag
15-02-08	90508+	14.70	2.37	8.26		102	Mnfr	Bag
21-03-07	90119+	21.18	3.72	5.50 *		101	Mnfr	Bag
21-03-07	90514+	20.14	2.90	7.29		97	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.87	123.54	106.42				
ALL SAMPLES,CV %		6.75	17.48	13.99				
NUMBER OF ANALYSIS		23	18	18				
Deficiency Rate = 13.04 %								
-----								
GRIGG BROTHERS ALBION ID 83311								
07-07-07	91843+	8.04	8.02	5.74 *		104	Mnfr	Bag
16-04-08	91844+	16.63	4.51	7.63		103	Mnfr	Bag
-----								
GRO GREEN INC. BUFFALO NY 14210								
10-10-10	90943	10.83	7.89 *	9.23 *		93 *	Blend	Bag
-----								
GRO TEC INC. MADISON GA 30650-1821								
06-02-01	91671+	6.19	1.75	0.40 *		93 *	Blend	Liq
06-10-10	91495	5.29 *	8.81 *	10.25		93 *	Blend	Bag
08-12-04	90297	8.38	12.71	4.31		106	Blend	Bag
08-12-04	91591	8.44	11.36	5.37		104	Blend	Bag
10-00-10	90853	10.50	0.00	10.64		106	Blend	Bag
10-00-10	90855	13.28	0.00	8.46 *		109	Blend	Bag
10-00-10	90857	7.49 *	0.00	9.83		87 *	Blend	Bag
10-00-10	91020	8.73 *	0.00	10.03		94 *	Blend	Bag
10-00-10	91510	8.76 *	0.00	10.38		96 *	Blend	Bag
10-00-10	91668	9.95	0.00	9.58		98	Blend	Bag
10-00-10	91789	10.24	0.00	9.31		98	Blend	Bag
10-00-10	91964	9.52	0.00	9.03 *		93 *	Blend	Bag
10-00-10	91968	8.25 *	0.00	9.48		89 *	Blend	Bag
10-00-10	91978	9.33	0.00	10.62		100	Blend	Bag
10-00-10	92069	8.25 *	0.00	9.53		89 *	Blend	Bag
Statistical Analysis for Grade : 10-00-10								
Number of Samples This Grade : 11								
Average Analysis :		9.48	0.00	9.72		96.0		
CV, %		16.47	0	6.96				
10-10-10	90173	10.31	10.11	10.74		103	Blend	Bag
10-10-10	90302	10.30	11.08	9.81		106	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
GRO TEC INC. MADISON GA 30650-1821								
10-10-10	91280	9.79	10.14	10.11		100	Blend	Bag
10-10-10	91511	12.67	11.06	11.65		118	Blend	Bag
10-10-10	91574	10.21	10.54	9.90		102	Blend	Bag
10-10-10	91581	9.60	9.75	9.95		98	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 6								
Average Analysis :		10.48	10.45	10.36		104.4		
CV, %		10.59	5.21	6.9				
12-10-10	90044+	11.80	9.73	10.71		100	Blend	Bag
12-10-10	90141+	11.61	9.97	10.49		100	Blend	Bag
12-10-10	91085+	11.78	9.58	10.42		99	Mnfr	Bag
16-00-03	90797+	17.12	0.00	4.43		113	Mnfr	Bag
16-00-03	90851+	13.86 *	0.00	3.97		94 *	Blend	Bag
16-00-03	90949+	16.79	0.00	4.59		112	Blend	Bag
16-00-03	91021+	17.98	0.00	3.80		115	Blend	Bag
16-00-03	91095+	15.76	0.00	4.29		105	Mnfr	Bag
16-00-03	91279+	17.85	0.00	3.79		114	Blend	Bag
16-00-03	91790+	14.11 *	0.00	2.99		90 *	Blend	Bag
16-00-03	91974+	18.44	0.00	3.96		118	Blend	Bag
Statistical Analysis for Grade : 16-00-03								
Number of Samples This Grade : 8								
Average Analysis :		16.49	0.00	3.98		107.7		
CV, %		10.63	0	12.46				
18-24-06	90175+	15.45 *	23.30	9.09		97 *	Blend	Bag
18-24-06	90246+	17.93	23.53	5.69		98	Blend	Bag
18-24-06	90253+	18.59	24.64	6.04		103	Blend	Bag
18-24-06	90259+	18.31	23.17	5.60		98	Blend	Bag
18-24-06	90266+	19.24	27.28	5.06 *		109	Blend	Bag
18-24-06	90382+	16.35 *	21.19 *	6.49		90 *	Blend	Bag
18-24-06	90453+	18.20	23.50	5.81		99	Blend	Bag
18-24-06	90469+	18.96	25.35	6.07		105	Blend	Bag
Statistical Analysis for Grade : 18-24-06								
Number of Samples This Grade : 8								
Average Analysis :		17.88	23.99	6.23		100.0		
CV, %		7.35	7.48	19.71				
28-00-04	90948	28.32	0.00	5.11		104	Blend	Bag
28-00-04	91005	29.04	0.00	5.26		107	Blend	Bag
28-00-04	91493	31.85	0.00	4.44		113	Blend	Bag
28-00-04	91791	27.03	0.00	4.33		98	Blend	Bag
28-00-04	91977	29.36	0.00	5.44		109	Blend	Bag
28-00-04	92072	29.30	0.00	5.38		108	Blend	Bag
Statistical Analysis for Grade : 28-00-04								
Number of Samples This Grade : 6								
Average Analysis :		29.15	0.00	4.99		106.7		
CV, %		5.44	0	9.73				
29-00-05	91006+	29.76	0.00	6.64		107	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
GRO TEC INC. MADISON GA 30650-1821								
29-00-05	91084+	28.75	0.00	5.48		101	Mnfr	Bag
29-00-05	91278+	29.43	0.00	5.95		104	Blend	Bag
29-00-05	91494+	29.00	0.00	5.12		100	Blend	Bag
29-00-05	91792+	30.55	0.00	5.43		106	Blend	Bag
29-00-05	91966+	29.97	0.00	5.39		104	Blend	Bag
29-00-05	92075+	28.38	0.00	5.98		101	Blend	Bag
Statistical Analysis for Grade : 29-00-05								
Number of Samples This Grade : 7								
Average Analysis :		29.41	0.00	5.71		103.3		
CV, %		2.56	0	8.97				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.37	99.79	110.02				
ALL SAMPLES,CV %		10.07	7.24	18.02				
NUMBER OF ANALYSIS		53	21	53				
Deficiency Rate = 26.42 %								
-----								
GROWMARK INC. BLOOMINGTON IL 61702								
46-00-00	91837	46.18	0.00	0.00		100	Mat	Bag
-----								
HANCOCK COUNTY FARM HAWESVILLE KY 42348								
00-00-60	90388	0.00	0.00	60.78		101	Mat	Bulk
00-46-00	90389	0.00	46.97	0.00		102	Mat	Bulk
18-46-00	90386	17.62	45.80	0.00		99	Mat	Bulk
18-46-00	90387	17.75	46.15	0.00		100	Mat	Bulk
-----								
HELENA CHEMICAL CO. HICKMAN KY 42050								
09-23-30	92284	8.62	22.90	30.52		100	CM	Bulk
10-19-25	92283+	10.39	19.82	24.19		100	CM	Bulk
17-11-15	92285+	17.15	11.68	16.06		100	CM	Bulk
17-12-15	92280+	17.15	12.39	14.91		98	CM	Bulk
17-12-15	92281+	17.37	11.60	16.81		101	CM	Bulk
17-12-15	92282+	17.44	11.99	15.43		99	CM	Bulk
-----								
HELENA CHEMICAL COMPANY (COL) COLLIERVILLE TN 38017								
08-24-04	91761	7.79	23.86	4.30		100	Mnfr	Liq
08-24-04	92040	7.91	24.06	4.18		100	Blend	Liq
-----								
HENRY FARMERS COOP PARIS TN 38242								
32-00-00	91223	31.64	0.00	0.00		99	Mat	Liq
-----								
HENRY FARMERS COOP MURRAY KY 42071								
06-16-24	90262	7.18	17.50	23.93		104	CM	Bulk
07-19-34	90477	8.08	19.42	34.94		100	CM	Bulk
07-19-34	90478	7.56	19.77	34.56		100	CM	Bulk
09-23-30	90260	9.14	23.92	29.36		102	CM	Bulk
09-23-30	90261	8.68	21.96	30.83		98	CM	Bulk
09-23-30	90263	8.88	23.22	30.04		100	CM	Bulk
09-23-30	90264	8.90	22.83	30.06		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
HENRY FARMERS COOP MURRAY KY 42071								
14-18-24	91221	13.07	18.24	25.85		101	CM	Bulk
14-18-24	91222	13.55	18.71	25.04		102	CM	Bulk
14-18-24	91224	13.11	18.35	25.42		101	CM	Bulk
14-18-24	91225	12.47 *	18.44	26.33		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.17	100.26	102.81				
ALL SAMPLES,CV %		5.92	2.86	3.74				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 9.09 %								
-----								
HONEYWELL HOPEWELL VA 23860								
21-00-00	90959+	21.27	0.00	0.00		101	Mat	Bag
21-00-00	91561+	21.73	0.00	0.00		103	Mat	Bulk
-----								
HOWARD JOHNSONS ENT., INC. MILWAUKEE WI 53204								
16-28-12	91840	15.54	26.86	12.32		98	Blend	Bag
23-03-08	91514+	24.96	3.00	7.41	*	103	Blend	Bag
-----								
HYDROLYSATE COMPANY OF AMERICA, LLC ISOLA MS 38754								
02-03-01	90299+	2.01	3.82	0.83		115	Blend	Liq
02-03-01	91504+	1.91	3.65	0.93		109	Mat	Liq
-----								
HYPONEX CORP. MARYSVILLE OH 43041								
10-10-10	91656	11.89	11.96	12.56		121	Blend	Bag
-----								
INSTA-GRO MANUFACTURING, INC. CALEDONIA OH 43314								
02-00-24	91727+	2.26	0.00	22.07 *		94 *	Blend	Liq
03-18-18	91728	5.01	14.43 *	14.19 *		86 *	Blend	Liq
08-00-00	91725+	8.12	0.00	0.00		102	Blend	Liq
09-18-09	91731	7.92 *	14.23 *	7.39 *		82 *	Blend	Liq
10-10-10	91730	9.41	10.36	9.32		97	Blend	Liq
11-00-02	91726+	11.05	0.00	1.21 *		94 *	Blend	Liq
23-00-00	91729	21.11 *	0.00	0.00		92 *	Mnfr	Liq
-----								
JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728								
19-19-19	91598	20.23	22.41	17.45 *		104	CM	Bulk
19-19-19	91600	18.70	20.35	19.52		101	CM	Bulk
27-13-13	91596	27.03	15.14	13.64		103	CM	Bulk
27-13-13	91602	27.26	14.25	13.00		100	CM	Bulk
28-12-12	91597	28.57	13.62	12.70		102	CM	Bulk
28-12-12	91605	29.67	14.80	11.20 *		103	CM	Bulk
30-11-11	91603	31.36	11.93	10.46		101	CM	Bulk
31-10-10	91601	32.06	13.50	9.03 *		104	CM	Bulk
34-08-08	91599	35.28	8.93	8.45		103	CM	Bulk
34-08-08	91604	35.24	8.76	8.34		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.50	108.99	95.64				
ALL SAMPLES,CV %		2.58	6.39	6.42				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 30.00 %								
-----								
KEES FARM SVC. GRAYSON KY 41143								
00-00-60	91402	0.00	0.00	60.00		100	Mat	Bulk
14-14-14	92371	15.16	14.29	13.87		100	CM	Bulk
14-14-14	92372	15.60	15.37	15.61		107	CM	Bulk
18-46-00	91404	18.07	45.81	0.00		100	Mat	Bulk
19-19-19	92369	18.85	19.34	19.81		100	CM	Bulk
46-00-00	91403	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	91405	45.96	0.00	0.00		100	Mat	Bulk
-----								
KEVIL GRAIN CO. KEVIL KY 42053-0112								
09-23-30	92242	7.59 *	19.66 *	34.58		99	CM	Bulk
09-23-30	92243	8.97	24.15	28.89		100	CM	Bulk
-----								
KNOX FERTILIZER CO., INC. KNOX IN 46534								
00-11-00	90107+	0.00	19.62	0.00		178	Blend	Bag
09-09-06	90104	7.15 *	7.77 *	5.65		85 *	Blend	Bag
09-09-06	92027	8.30	8.41	6.31		96 *	Blend	Bag
09-17-09	90067	10.18	18.14	8.99		107	Blend	Bag
09-17-09	90106	7.75 *	14.07 *	9.84		87 *	Blend	Bag
10-10-10	90103	10.91	10.00	9.71		103	Blend	Bag
10-10-10	90653	9.81	9.71	10.28		100	Blend	Bag
10-10-10	91663	10.74	9.94	11.80		108	Blend	Bag
11-22-10	91271	11.89	21.39	9.91		100	Blend	Bag
12-00-06	91270	11.79	0.00	6.17		100	Blend	Bag
12-00-12	91012	11.99	0.00	11.78		99	Blend	Bag
12-00-12	91015	12.13	0.00	11.54		99	Blend	Bag
12-12-12	91275	11.24	11.68	12.95		100	Blend	Bag
12-12-12	91443	12.72	12.92	13.03		107	Blend	Bag
12-12-12	91664	12.63	11.79	12.67		103	Blend	Bag
25-00-03	91013	25.38	0.00	4.24		108	Blend	Bag
25-00-03	91019	25.41	0.00	3.15		102	Blend	Bag
27-03-03	91018	27.19	0.06 *	3.02		92 *	Blend	Bag
28-00-04	90066	29.24	0.00	4.30		105	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.33	95.89	105.52				
ALL SAMPLES,CV %		8.33	38.3	10.08				
NUMBER OF ANALYSIS		18	13	18				
Deficiency Rate = 21.05 %								
-----								
LEBANON SEABOARD CORP LEBANON PA 17042								
13-25-12	90216+	14.65	23.77	12.31		100	Mnfr	Bag
21-03-21	90215+	21.27	3.14	21.56		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
LEBANON SEABOARD CORP LEBANON PA 17042								
-----								
LESCO INC. CLEVELAND OH 44114-1849								
05-10-31	90024+	6.11	10.65	32.74		108	Blend	Bag
15-03-07	90025+	19.81	4.43	6.48		128	Blend	Bag
18-24-12	90026	17.75	24.28	12.55		101	Blend	Bag
18-24-12	90054+	18.30	23.66	10.73 *	*	98	Blend	Bag
18-24-12	91372	19.25	24.63	10.14 *		100	Blend	Bag
18-24-12	91835	17.98	25.52	11.73		102	Blend	Bag
19-19-19	91274	19.40	20.15	18.77		102	Blend	Bag
20-01-05	90168+	21.24	2.22	4.62		111	Blend	Bag
24-00-11	90023+	23.98	0.00	10.81		100	Blend	Bag
24-00-11	90052	25.12	0.00	10.57		103	Blend	Bag
24-00-11	91569+	26.54	0.00	10.33		104	Blend	Bag
32-00-08	91460+	33.40	0.00	8.36		104	Blend	Bag
32-00-08	91836+	31.80	0.00	9.06		102	Blend	Bag
32-03-08	90053+	31.04	4.27	9.68		104	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		106.12	125.92	99.47				
ALL SAMPLES,CV %		9.26	32.05	9.71				
NUMBER OF ANALYSIS		14	9	14				
Deficiency Rate = 14.29 %								
-----								
LILLY MILLER BRANDS WALNUT CREEK CA 94597								
04-10-10	92010+	3.99	12.96	10.11		113	Blend	Bag
04-10-10	92083+	3.69	10.81	11.84		110	Blend	Bag
07-02-02	92100+	7.23	4.23	7.91		176	Blend	Bag
10-05-04	91576+	9.21	5.55	4.41		101	Blend	Bag
10-10-10	91967+	9.77	10.11	11.81		105	Blend	Bag
10-10-10	92077+	10.26	11.89	11.11		111	Blend	Bag
15-30-15	91450	15.08	30.27	16.20		103	Blend	Bag
15-30-15	91662	14.46	29.03	18.17		103	Blend	Bag
15-30-15	92011	17.10	33.43	10.94 *		103	Blend	Bag
15-30-15	92073	16.55	31.75	13.54 *		103	Blend	Bag
18-06-12	92082+	19.98	5.46	12.49		105	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.81	116.92	131.87				
ALL SAMPLES,CV %		7.26	28.32	67.08				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 18.18 %								
-----								
LILLY MILLER BRANDS CLACKAMAS OR 97015								
05-01-01	90272+	5.34	1.57	1.67		122	Mat	Liq
-----								
LOVELAND PRODUCTS, INC. GREELEY CO 80632								
00-00-02	92196+	0.32	0.00	4.53		220	Blend	Liq
05-00-20	92198	5.28	0.00	19.61	*	99	Blend	Liq
05-00-20	92200	5.36	0.00	19.94	*	101	Blend	Liq
06-20-00	92204+	5.83	20.10	0.00		100	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
LOVELAND PRODUCTS, INC.		GREELEY CO		80632				
06-20-00	92205+	5.70	19.92	0.00		99	Blend	Liq
07-17-03	92194+	6.93	17.11	2.96		100	Blend	Liq
07-17-03	92195+	6.91	17.11	3.09		100	Blend	Liq
07-17-03	92203+	6.88	16.85	3.09		99	Blend	Liq
16-00-02	90917+	15.93	0.00	1.78		98	Blend	Liq
16-08-03	92199+	16.05	7.77	3.09		100	Blend	Liq
26-00-00	92201	25.61	0.00	0.00		98	Blend	Liq
26-00-00	92202	26.17	0.00	0.00		101	Blend	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.83	99.61	115.11				
ALL SAMPLES,CV %		16.29	1.37	39.3				
NUMBER OF ANALYSIS		12	6	8				
Deficiency Rate = 0.00 %								
-----								
MARSHALL COUNTY SOIL		BENTON KY		42025				
21-17-17	91217	21.86	18.46	18.82		104	CM	Bulk
21-17-17	91220	21.96	18.37	18.70		103	CM	Bulk
30-00-20	91218	31.49	0.00	20.37		102	CM	Bulk
31-23-00	91219	31.95	24.36	0.00		102	CM	Bulk
-----								
MARTIN MARIETTA		MANISTEE MI		49660				
00-00-00	90870+	0.00	0.00	0.00			Mnfr	Bag
-----								
MATHIS FARM SUPP.		MELBER KY		42069				
09-23-30	92233	8.97	22.93	31.47		102	CM	Bulk
09-23-30	92234	9.47	26.16	26.83 *		101	CM	Bulk
09-23-30	92235	9.12	23.68	31.63		104	CM	Bulk
09-23-30	92236	8.30	21.91	33.83		103	CM	Bulk
09-23-30	92237	8.68	22.22	30.78		99	CM	Bulk
09-23-30	92238	8.55	22.16	30.81		99	CM	Bulk
09-23-30	92239	8.58	23.02	31.98		102	CM	Bulk
09-23-30	92240	9.12	23.45	31.25		103	CM	Bulk
09-23-30	92241	9.08	22.40	30.63		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 9								
Average Analysis :		8.87	23.10	31.02		101.6		
CV, %		4.15	5.61	5.95				
-----								
MAYFIELD GRAIN CO.		MAYFIELD KY		42066				
08-22-31	91832	8.07	22.74	29.90		98	CM	Bulk
08-22-31	91873	8.27	22.10	31.12		99	CM	Bulk
08-22-31	91874	8.17	22.12	31.82		100	CM	Bulk
09-23-30	91822	8.94	23.17	30.83		101	CM	Bulk
09-23-30	91823	9.07	23.47	30.49		102	CM	Bulk
09-23-30	91833	8.33	23.49	28.92		98	CM	Bulk
17-17-18	91824	17.89	17.05	18.09		100	CM	Bulk
21-11-15	90970	21.51	11.02	14.75		98	CM	Bulk
22-10-14	91834	22.27	10.79	14.38		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MAYFIELD GRAIN CO.		MAYFIELD KY 42066						
22-10-14	91872	22.96	11.00	14.74		103	CM	Bulk
32-00-00	91825	31.69	0.00	0.00		99	Mat	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.23	100.00	100.15				
ALL SAMPLES,CV %		3.77	2.19	2.52				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate = 0.00 %								
-----								
MAYSLICK MILL		MAYSLICK KY 41055						
00-00-57	91857+	0.00	0.00	56.85		99	CM	Bulk
04-00-21	91859+	4.82	0.00	22.88		107	CM	Bulk
12-11-15	92366	12.77	10.54 *	28.43	*	140	CM	Bulk
14-06-09	92367	13.37	6.51	11.71		106	CM	Bulk
15-13-21	92368	15.22	13.07	23.29		103	CM	Bulk
16-00-00	91856	16.89	0.00	0.00		101	CM	Bulk
23-00-00	91854	22.98	0.00	0.00		100	CM	Bulk
28-00-09	91855	28.22	0.00	10.74		106	CM	Bulk
-----								
MEIJER (GRAND)		GRAND RAPIDS MI 49544						
09-09-06	90063	8.74	8.68	6.69		99	Blend	Bag
09-09-06	91446	9.43	9.82	6.72		108	Blend	Bag
09-09-06	91458	11.36	11.79	7.43		127	Blend	Bag
10-06-04	90065	9.13	5.58	4.55		95 *	Blend	Bag
12-04-08	90064	11.72	4.20	8.44		101	Blend	Bag
12-04-08	91457	13.68	5.70	10.64		125	Blend	Bag
30-10-10	90094+	31.28	10.84	11.00		106	Blend	Bag
-----								
MILES (FELTY) CROP SVC.		BEAVER DAM KY 42320						
09-23-30	92384	9.14	23.52	29.18		100	CM	Bulk
15-14-15	92385	13.84 *	12.91 *	17.68		100	CM	Bulk
28-10-14	92386	28.18	11.10	15.83		103	CM	Bulk
28-12-12	92388	27.48	12.77	14.09		101	CM	Bulk
36-00-12	92387	37.69	0.00	13.03		104	CM	Bulk
-----								
MILES (OWENS) FARM SUPPLY		OWENSBORO KY 42301						
09-22-29	92269+	8.26	21.55	30.59		102	CM	Bulk
09-22-29	92270+	8.97	21.19	28.56		99	CM	Bulk
11-30-20	92271	11.42	29.70	20.60		98	CM	Bulk
11-30-20	92272	12.01	30.63	19.66		100	CM	Bulk
18-16-19	92273+	17.36	16.16	19.72		101	CM	Bulk
39-11-00	92266	38.01	12.01	0.00		99	CM	Bulk
39-11-00	92267	37.49 *	17.71	0.00		110	CM	Bulk
39-11-00	92268	38.90	11.91	0.00		101	CM	Bulk
39-11-00	92274	37.83	12.65	0.00		100	CM	Bulk
39-11-00	92275	38.27	11.59	0.00		99	CM	Bulk
39-11-00	92276	38.97	11.43	0.00		100	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MILES (OWENS) FARM SUPPLY OWENSBORO KY 42301								
Statistical Analysis for Grade : 39-11-00								
Number of Samples This Grade : 6								
Average Analysis :		38.25	12.88	0.00		101.4		
CV, %		1.55	18.65	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.56	106.21	101.25				
ALL SAMPLES,CV %		2.58	15.29	4.06				
NUMBER OF ANALYSIS		11	11	5				
Deficiency Rate = 9.09 %								
-----								
MILES FARM CENTER (CYN) CYNTHIANA KY 41031								
09-23-30	91161	9.39	24.19	28.80		101	CM	Bulk
10-10-20	92130	11.81	16.40	26.05		135	CM	Bulk
14-00-10	92537	15.46	0.00	9.89		102	CM	Bulk
15-00-14	92536	16.67	0.00	14.32	*	102	CM	Bulk
16-00-25	92535	17.96	0.00	25.21		103	CM	Bulk
16-04-05	92133	16.85	4.54	5.82		101	CM	Bulk
21-04-06	92534	22.83	4.51	5.70		102	CM	Bulk
26-00-07	92132	26.73	0.00	7.63		100	CM	Bulk
-----								
MILES FARM CENTER (EKR) EKRON KY 40117								
04-11-15	90353	5.30	11.71	17.49		108	CM	Bulk
04-11-15	90354	5.19	11.94	16.24		106	CM	Bulk
08-21-32	90352	8.46	21.58	32.06		101	CM	Bulk
09-23-30	90355	8.92	23.36	30.28		101	CM	Bulk
09-23-30	90356	8.83	23.24	30.44		101	CM	Bulk
09-23-30	90357	9.25	23.77	29.93		102	CM	Bulk
09-24-24	91623+	10.19	24.39	24.58		101	CM	Bulk
14-14-29	91624	15.50	14.45	29.80		102	CM	Bulk
19-19-19	91622	19.57	19.66	19.83		102	CM	Bulk
30-11-11	91621	31.14	11.20	11.98		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.67	101.03	103.43				
ALL SAMPLES,CV %		5.83	1.36	4.62				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
MILES FARM CENTER (LEB) LEBANON KY 40033								
05-14-09	91992	6.17	15.35	9.79		108	CM	Bulk
06-16-38	91994	7.06	17.76	38.84		104	CM	Bulk
13-10-03	91990+	14.01	11.55	3.40		107	CM	Bulk
13-10-03	91991+	13.60	10.99	3.73		104	CM	Bulk
13-10-03	91996+	14.02	11.74	3.67		109	CM	Bulk
13-10-03	91997+	13.78	12.00	3.38		108	CM	Bulk
13-10-03	91998+	14.19	11.51	3.15		107	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MILES FARM CENTER (LEB) LEBANON KY 40033								
Statistical Analysis for Grade : 13-10-03								
Number of Samples This Grade : 5								
Average Analysis :		13.92	11.56	3.47		106.9		
CV, %		1.66	3.22	6.81				
32-08-11	91989	32.08	11.39	9.71 *		103	CM	Bulk
32-08-11	91995	31.45	9.43	12.09		102	CM	Bulk
38-13-00	91993	36.93	14.12	0.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.08	113.03	102.95				
ALL SAMPLES,CV %		4.86	6.66	7.99				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								
-----								
MILES FARM CENTER (SAC) SACRAMENTO KY 42372								
09-23-30	91948	8.45	21.61	32.14		100	CM	Bulk
09-23-30	91949	9.45	23.80	28.96		100	CM	Bulk
09-23-30	91952	8.62	21.98	30.81		99	CM	Bulk
09-23-30	91953	8.48	22.78	32.25		102	CM	Bulk
26-13-14	91950	26.37	12.18 *	16.81		101	CM	Bulk
26-13-14	91951	26.37	14.78	14.48		102	CM	Bulk
-----								
MILES FARM CENTER (SHEL) SHELBYVILLE KY 40065								
00-00-60	91634	0.00	0.00	59.96		100	Mat	Bag
00-10-30	91550+	0.00	10.55	31.02		104	Blend	Bag
00-10-30	92034	0.00	9.30	31.18		101	Blend	Bag
00-20-20	91632	0.00	21.02	20.07		103	Blend	Bag
05-10-10	92562	3.91 *	8.33 *	9.77		88 *	Blend	Bag
05-10-15	91156	6.30	11.08	16.17		111	Blend	Bag
05-20-20	90931	4.71	19.89	21.82		103	Blend	Bag
05-20-20	91157	4.44 *	18.45 *	19.96		95 *	Blend	Bag
06-12-12	90930	5.44 *	10.76 *	12.70		96 *	Blend	Bag
06-12-12	91053	5.91	10.60 *	9.22 *		86 *	Blend	Bag
06-24-24	91104	6.24	24.61	23.60		101	Blend	Bag
09-18-28	92317	9.15	17.73	30.62		103	CM	Bulk
10-10-10	90748	9.89	10.50	10.03		101	Blend	Bag
10-10-10	90928	9.64	9.57	10.01		97	Blend	Bag
10-10-10	91054	9.85	9.19	10.51		98	Blend	Bag
10-10-10	91160	10.11	9.70	10.60		101	Blend	Bag
10-10-10	91428	8.82 *	9.79	9.91		95 *	Blend	Bag
10-10-10	91475	10.27	10.39	9.68		101	Blend	Bag
10-10-10	91642	9.92	9.48	9.79		97	Blend	Bag
10-10-10	91842	10.33	9.96	9.62		100	Blend	Bag
10-10-10	91850	9.79	9.18	9.79		96 *	Blend	Bag
10-10-10	92033	8.63 *	9.35	10.78		96 *	Blend	Bag
10-10-10	92098	8.86 *	9.99	10.35		97	Blend	Bag
10-10-10	92212	10.04	9.93	11.27		104	Blend	Bag
10-10-10	92552	8.81 *	9.40	10.14		94 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MILES FARM CENTER (SHEL) SHELBYVILLE KY 40065								
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 13								
Average Analysis :		9.61	9.72	10.19		98.4		
CV, %		6.32	4.35	4.79				
10-10-20	91158	9.74	10.30	20.97		103	Blend	Bag
12-12-12	90214	12.22	11.69	11.56		99	Blend	Bag
15-03-18	92318	16.19	2.71	20.14		105	CM	Bulk
15-15-15	91055	15.93	16.02	15.52		106	Blend	Bag
15-15-15	91429	15.44	14.48	14.43		99	Blend	Bag
15-15-15	91633	15.80	14.93	14.67		101	Blend	Bag
15-15-15	92096	14.26	14.83	16.63		102	Blend	Bag
15-15-15	92099	16.11	16.13	14.88		105	Blend	Bag
15-15-15	92561	14.89	14.99	15.24		100	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade : 6								
Average Analysis :		15.41	15.23	15.23		101.9		
CV, %		4.6	4.46	5.19				
16-08-12	92321	17.27	7.66	12.50		102	CM	Bulk
18-24-12	91841	18.02	23.28	11.99		99	Blend	Bag
19-19-19	90747	18.76	19.43	20.03		102	Blend	Bag
19-19-19	90929	18.98	19.03	19.71		101	Blend	Bag
19-19-19	90957	19.36	18.77	19.12		100	Blend	Bag
19-19-19	91056	19.36	18.76	20.12		102	Blend	Bag
19-19-19	91103	19.68	19.75	18.00		101	Blend	Bag
19-19-19	91159	19.39	19.50	18.45		101	Blend	Bag
19-19-19	91480	18.58	19.61	19.44		101	Blend	Bag
19-19-19	91551	19.79	18.76	19.83		102	Blend	Bag
19-19-19	91635	20.11	18.49	18.73		101	Blend	Bag
19-19-19	91782	19.72	19.43	18.38		101	Blend	Bag
19-19-19	91785	18.90	17.70 *	20.82		101	Blend	Bulk
19-19-19	91849	19.47	19.45	18.86		101	Blend	Bag
19-19-19	92097	17.84	19.69	19.84		101	Blend	Bag
19-19-19	92518	17.68	18.64	19.85		99	Blend	Bag
19-19-19	92551	18.04	18.91	19.01		98	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 15								
Average Analysis :		19.04	19.06	19.35		100.8		
CV, %		3.89	2.96	4.01				
20-10-10	90958	19.71	9.18	10.59		99	Blend	Bag
25-00-14	92319	24.82	0.00	15.67		103	CM	Bulk
27-03-03	91646	26.43	2.83	3.22		98	Blend	Bag
28-00-16	92320	29.32	0.00	16.92		103	CM	Bulk
35-00-13	92316	36.09	0.00	14.23		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MILES FARM CENTER (SHEL) SHELBYVILLE KY 40065								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.16	98.12	102.06				
ALL SAMPLES, CV %		7.03	5.85	5.39				
NUMBER OF ANALYSIS		52	52	56				
Deficiency Rate = 17.86 %								
-----								
MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
00-00-00	90681+	0.00	0.00	0.00			Blend	Bulk
00-00-50	90603	0.00	0.00	51.25		102	Mat	Bulk
00-00-50	90606	0.00	0.00	50.99		102	Mat	Bulk
00-00-50	90685	0.00	0.00	50.61		101	Mat	Bulk
00-00-50	90781	0.00	0.00	51.56		103	Mat	Bulk
00-00-50	91152	0.00	0.00	50.73		101	Mat	Bulk
00-00-50	91555	0.00	0.00	51.88		104	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 6								
Average Analysis :		0.00	0.00	51.17		102.3		
CV, %		0	0	0.96				
00-00-60	90312	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	90314	0.00	0.00	60.84		101	Mat	Bulk
00-00-60	90319	0.00	0.00	60.40		101	Mat	Bulk
00-00-60	90333	0.00	0.00	61.19		102	Mat	Bulk
00-00-60	90390	0.00	0.00	61.29		102	Mat	Bulk
00-00-60	90392	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	90398	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	90401	0.00	0.00	61.07		102	Mat	Bulk
00-00-60	90402	0.00	0.00	60.82		101	Mat	Bulk
00-00-60	90521	0.00	0.00	60.41		101	Mat	Bulk
00-00-60	90533	0.00	0.00	59.85		100	Mat	Bulk
00-00-60	90545	0.00	0.00	60.72		101	Mat	Bulk
00-00-60	90600	0.00	0.00	60.13		100	Mat	Bulk
00-00-60	90604	0.00	0.00	59.96		100	Mat	Bulk
00-00-60	90666	0.00	0.00	60.04		100	Mat	Bulk
00-00-60	90686	0.00	0.00	61.57		103	Mat	Bulk
00-00-60	90755	0.00	0.00	61.08		102	Mat	Bulk
00-00-60	90780	0.00	0.00	61.34		102	Mat	Bulk
00-00-60	90795	0.00	0.00	61.23		102	Mat	Bulk
00-00-60	90846	0.00	0.00	60.34		101	Mat	Bulk
00-00-60	91155	0.00	0.00	60.81		101	Mat	Bulk
00-00-60	91554	0.00	0.00	61.04		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 22								
Average Analysis :		0.00	0.00	60.72		101.2		
CV, %		0	0	0.82				
00-45-00	90311	0.00	45.77	0.00		102	Mat	Bulk
00-45-00	90315+	0.00	42.40 *	0.00		94 *	Mat	Bulk
00-45-00	90316+	0.00	45.72	0.00		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
00-45-00	90318	0.00	46.09	0.00		102	Mat	Bulk
00-45-00	90397+	0.00	41.92 *	0.00		93 *	Mat	Bulk
00-45-00	90404+	0.00	43.91	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 00-45-00								
Number of Samples This Grade : 6								
Average Analysis :		0.00	44.30	0.00		98.4		
CV, %		0	4.14	0				
00-46-00	91154	0.00	45.61	0.00		99	Mat	Bulk
00-46-00	91552	0.00	45.84	0.00		100	Mat	Bulk
05-10-10	91783	4.32 *	8.47 *	10.42		93 *	Blend	Bag
05-10-15	91848	5.02	9.89	15.13		100	Blend	Bag
06-24-24	92213	5.23 *	21.49 *	27.96		101	Blend	Bag
07-24-04	91947	6.94	24.02	4.25		101	Blend	Liq
07-24-04	91956	6.94	23.95	4.37		101	Blend	Liq
07-24-04	92092	6.83	23.89	4.06		99	Blend	Liq
07-24-04	92277	7.01	23.28	4.28		99	Blend	Liq
10-10-10	91631	9.53	9.45	10.17		97	Blend	Bag
10-10-10	91781	10.33	9.21	9.65		97	Blend	Bag
10-34-00	91813	10.61	33.28	0.00		100	Mnfr	Liq
11-52-00	90334	11.09	52.05	0.00		100	Mat	Bulk
11-52-00	90534	11.16	51.90	0.00		100	Mat	Bulk
11-52-00	90607	10.87	51.81	0.00		99	Mat	Bulk
11-52-00	90669	10.88	51.74	0.00		99	Mat	Bulk
11-52-00	90683	10.69	51.41	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 11-52-00								
Number of Samples This Grade : 5								
Average Analysis :		10.94	51.78	0.00		99.5		
CV, %		1.72	0.46	0				
18-46-00	90313	17.65	45.59	0.00		99	Mat	Bulk
18-46-00	90317	18.09	46.60	0.00		101	Mat	Bulk
18-46-00	90332	18.03	46.48	0.00		101	Mat	Bulk
18-46-00	90391	17.83	46.43	0.00		101	Mat	Bulk
18-46-00	90399	18.07	46.72	0.00		101	Mat	Bulk
18-46-00	90400	18.04	46.48	0.00		101	Mat	Bulk
18-46-00	90403	17.97	46.44	0.00		101	Mat	Bulk
18-46-00	90523	17.83	45.99	0.00		100	Mat	Bulk
18-46-00	90532	17.94	45.89	0.00		100	Mat	Bulk
18-46-00	90543	17.59	45.65	0.00		99	Mat	Bulk
18-46-00	90602	17.45	45.19	0.00		98	Mat	Bulk
18-46-00	90605	17.46	45.10	0.00		98	Mat	Bulk
18-46-00	90667	17.62	45.38	0.00		98	Mat	Bulk
18-46-00	90684	17.85	45.77	0.00		99	Mat	Bulk
18-46-00	90756	18.08	45.55	0.00		99	Mat	Bulk
18-46-00	90779	17.83	46.45	0.00		100	Mat	Bulk
18-46-00	90796	17.82	46.32	0.00		100	Mat	Bulk
18-46-00	90844	17.80	45.97	0.00		100	Mat	Bulk
18-46-00	91151	17.86	45.67	0.00		99	Mat	Bulk
18-46-00	91553	17.63	45.88	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 20								
Average Analysis :		17.82	45.98	0.00		99.7		
CV, %		1.12	1.06	0				
20-10-10	91784	20.27	9.74	9.42		99	Blend	Bag
28-00-00	90002	27.81	0.00	0.00		99	Mat	Liq
28-00-00	92093	27.66	0.00	0.00		99	Mat	Liq
28-00-00	92420	27.66	0.00	0.00		99	Mat	Liq
32-00-00	92041	31.54	0.00	0.00		99	Mat	Liq
32-00-00	92094	31.54	0.00	0.00		99	Mat	Liq
34-00-00	90757	34.04	0.00	0.00		100	Mat	Bulk
34-00-00	90845	33.89	0.00	0.00		101	Mat	Bulk
34-00-00	91149	34.33	0.00	0.00		102	Mat	Bulk
34-00-00	91150	33.60	0.00	0.00		100	Mat	Bulk
46-00-00	90522	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	90531	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	90544	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	90645	45.91	0.00	0.00		100	Mat	Bulk
46-00-00	90668	46.10	0.00	0.00		100	Mat	Bulk
46-00-00	90682	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	90758	46.21	0.00	0.00		100	Mat	Bulk
46-00-00	90841	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	90847	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	91153	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	92232	45.84	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 11								
Average Analysis :		46.06	0.00	0.00		100.1		
CV, %		0.28	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.16	98.59	102.06				
ALL SAMPLES, CV %		2.92	3.43	3.37				
NUMBER OF ANALYSIS		56	44	38				
Deficiency Rate = 4.30 %								
-----								
MILES FARM SUPPLY (UPT) UPTON KY 42784								
02-13-41	91024+	3.08	13.56	41.62		102	CM	Bulk
10-26-25	91025	10.35	26.70	24.76		99	CM	Bulk
17-17-17	91310+	17.76	18.12	17.95		102	CM	Bulk
19-19-19	91194	19.22	19.98	19.29		101	CM	Bulk
22-16-16	91023	22.48	17.25	16.75		100	CM	Bulk
22-16-16	91026	22.76	17.08	16.71		100	CM	Bulk
22-38-00	90941	22.21	38.79	0.00		100	CM	Bulk
23-16-16	90942	23.62	16.36	16.89		101	CM	Bulk
27-13-13	91309	26.40	14.40	15.44		103	CM	Bulk
27-13-13	91311	27.57	13.49	14.53		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MILES FARM SUPPLY (UPT) UPTON KY 42784								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.98	101.87	101.99				
ALL SAMPLES,CV %		4.09	2.21	4.96				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
-----								
MILES FARM-WHOLESALE FERT OWENSBORO KY 42304-2379								
00-00-60	90815	0.00	0.00	61.27		102	Mat	Bulk
18-46-00	90816	17.53	45.85	0.00		99	Mat	Bulk
33-00-00	90817	33.98	0.00	0.00		103	Mat	Bulk
46-00-00	90814	46.20	0.00	0.00		100	Mat	Bulk
-----								
MILES FRANKLIN CROP SVC. FRANKLIN KY 42134								
09-23-30	90365	8.70	22.45	29.53		98	CM	Bulk
10-25-26	91529	10.34	27.62	24.99 *		101	CM	Bulk
12-30-20	90197	12.15	31.68	19.49		102	CM	Bulk
12-30-20	91888	11.57	29.96	19.77		98	CM	Bulk
20-19-17	90739	19.98	20.76	16.84		103	CM	Bulk
22-20-13	90738	22.60	20.27	12.50		100	CM	Bulk
31-10-10	91886	32.15	11.92	9.75		103	CM	Bulk
31-10-10	91887	32.22	10.80	10.55		102	CM	Bulk
31-10-10	91889	32.76	10.38	10.09		102	CM	Bulk
31-10-10	91890	31.43	10.97	10.87		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.52	103.59	98.68				
ALL SAMPLES,CV %		2.62	5.08	3.88				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
MILES-GLENDALE FARM SVC. GLENDALE KY 42740								
05-27-27	91724	5.50	28.19	27.18		99	CM	Bulk
09-23-27	92461+	9.11	23.94	28.30		102	CM	Bulk
10-25-26	92462	10.65	27.00	25.52		102	CM	Bulk
14-17-17	91927+	13.66	16.76	19.63		99	CM	Bulk
17-16-16	91928+	16.97	15.64	16.99		99	CM	Bulk
17-16-16	91931+	17.14	16.83	15.76		100	CM	Bulk
17-17-17	90359	18.35	18.67	18.74		105	CM	Bulk
19-18-19	91723	20.45	19.54	18.34		101	CM	Bulk
22-17-17	92463	23.01	17.53	17.73		103	CM	Bulk
22-17-17	92464	23.02	18.45	17.19		103	CM	Bulk
28-23-04	91929	27.75	24.20	5.08		101	CM	Bulk
37-00-00	91930+	37.73	0.00	0.00		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
MILES-GLENDALE FARM SVC. GLENDALE KY 42740								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.04	101.71	103.43				
ALL SAMPLES,CV %		4.05	3.84	7.93				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate = 0.00 %								
-----								
MONTY'S PLANT FOOD LOUISVILLE KY 40209								
02-15-15	91961	3.43	16.89	16.99		116	Mnfr	Liq
08-16-08	90951	9.04	17.37	8.86		110	Blend	Liq
08-16-08	91960	9.08	17.04	8.75		109	Mnfr	Liq
-----								
MOSAIC CROP NUTRITION, LLC RIVERVIEW FL 33569								
00-00-22	90114+	0.00	0.00	22.38		104	Mat	Bulk
-----								
MULTI CROP PRODUCTS LOUISVILLE KY 40209								
08-16-08	92197+	9.32	15.61	8.56		104	Blend	Liq
-----								
OAKLEY FERTILIZER INC BEEBE AR 72012								
10-20-20	92566	10.10	20.41	19.09		99	Blend	Bag
10-20-20	92567	10.38	21.04	20.10		103	Blend	Bag
16-27-14	92568	16.04	27.00	13.46		99	Blend	Bag
-----								
OLDFIELD, J.A. & SON MIZE KY 41352								
00-00-50	91410	0.00	0.00	50.77		102	Mat	Bulk
00-00-60	91412	0.00	0.00	59.89		100	Mat	Bulk
05-10-15	91416	4.92	9.82	14.81		99	Blend	Bag
05-20-20	91417	7.56	19.70	19.61		104	Blend	Bag
06-12-12	91335	6.14	11.70	11.97		99	Blend	Bag
06-12-12	91419	5.30 *	12.03	12.69		100	Blend	Bag
10-10-10	91113	10.00	9.64	9.93		99	Blend	Bag
10-10-10	91336	8.87 *	9.03 *	10.70		95 *	Blend	Bag
10-10-10	91413	9.34	9.44	10.53		98	Blend	Bag
10-20-20	91420	9.52	19.93	20.17		99	Blend	Bag
12-12-12	91418	12.29	11.76	12.43		101	Blend	Bag
18-46-00	91409	18.03	45.16	0.00		99	Mat	Bulk
18-46-00	91411	17.97	45.60	0.00		99	Mat	Bulk
18-46-00	91415	17.74	45.49	0.00		99	Mat	Bag
19-19-19	91414	18.55	19.45	19.49		101	Blend	Bag
46-00-00	91407	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	91408	46.19	0.00	0.00		100	Mat	Bulk
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.11	97.82	101.85				
ALL SAMPLES,CV %		14.35	3.02	2.92				
NUMBER OF ANALYSIS		15	13	12				
Deficiency Rate = 11.76 %								
-----								
PLEASANT VIEW FARMS AUBURN KY 42206								
07-19-34	91742	7.23	19.61	35.15		100	CM	Bulk
09-09-09	91900	9.48	9.08	8.92		101	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
PLEASANT VIEW FARMS		AUBURN KY 42206						
17-17-17	91891	17.93	18.26	16.65		99	CM	Bulk
17-17-17	91892	18.34	18.46	17.01		101	CM	Bulk
17-17-17	91898	17.73	18.23	17.66		101	CM	Bulk
17-17-17	91899	17.97	17.52	17.05		99	CM	Bulk
17-17-17	91916	18.18	18.57	17.02		101	CM	Bulk
Statistical Analysis for Grade : 17-17-17								
Number of Samples This Grade : 5								
Average Analysis :		18.03	18.21	17.08		100.2		
CV, %		1.31	2.25	2.13				
17-19-17	91915	17.53	19.18	17.35		100	CM	Bulk
19-19-19	91740	19.01	20.37	19.45		101	CM	Bulk
27-30-00	91741	27.30	30.87	0.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.26	101.60	98.25				
ALL SAMPLES,CV %		2.82	2.39	3.05				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
-----								
PMI INTERNATIONAL LLC		BRENTWOOD MO 63144						
03-03-03	91508+	3.92	2.66	3.03		106	Mnfr	Bag
05-05-05	90889+	5.43	6.04	5.07		111	Blend	Bag
09-07-01	90890+	9.02	8.19	0.72		106	Blend	Bag
-----								
POLSON FARM SUPPLY		KNOBLICK KY 42154						
00-00-60	90907	0.00	0.00	59.61		99	Mat	Bulk
07-18-24	91984+	7.48	17.95	25.47		102	CM	Bulk
14-14-21	91985	15.78	16.25	21.03		103	CM	Bulk
17-17-17	92164	18.82	17.62	17.50		101	CM	Bulk
17-17-17	92165	18.09	17.28	17.93		100	CM	Bulk
17-17-17	92166	18.35	17.11	18.07		100	CM	Bulk
18-46-00	90575	17.60	46.31	0.00		100	Mat	Bulk
21-09-13	91982	21.36	9.65	14.47		102	CM	Bulk
21-09-13	91983	21.50	8.98	14.68		102	CM	Bulk
21-09-13	91987	21.29	9.12	15.41		104	CM	Bulk
26-15-13	91986	26.45	15.39	14.94		103	CM	Bulk
27-13-13	91988	26.63	13.75	13.71		99	CM	Bulk
46-00-00	90576	45.94	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.47	100.20	103.18				
ALL SAMPLES,CV %		3.52	4.26	4.82				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate = 0.00 %								
-----								
POORE, C D FERTILIZER		ALBANY KY 42602						
00-00-60	90708	0.00	0.00	59.73		100	Mat	Bulk
02-06-14	92478+	2.37	6.43	14.40		106	CM	Bulk
05-14-38	92477+	5.11 *	13.70 *	39.60		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
POORE, C D FERTILIZER ALBANY KY 42602								
10-09-14	92476	9.92	9.42	14.92	*	101	CM	Bulk
10-10-10	92063	9.42	9.78	10.04		97	Blend	Bag
10-15-20	92475+	10.43	15.02	21.59		101	CM	Bulk
11-14-21	92472+	11.20	14.58	23.25	*	105	CM	Bulk
11-15-23	92473	9.45 *	11.64 *	28.51	*	103	CM	Bulk
18-46-00	90709	18.11	45.98	0.00		100	Mat	Bulk
19-19-19	92062	17.38 *	18.79	20.90		100	Blend	Bag
21-00-00	90706+	20.91	0.00	0.00		100	Mat	Bulk
26-23-00	92474	25.66	24.91	0.00		103	CM	Bulk
34-00-00	90707	33.61	0.00	0.00		99	Mat	Bulk
46-00-00	90705	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.47	97.88	106.10				
ALL SAMPLES,CV %		5.68	10.24	6.44				
NUMBER OF ANALYSIS		13	10	9				
Deficiency Rate = 21.43 %								
-----								
QUALITY BORATE COMPANY CLEVELAND OH 44122								
00-00-00	91115+	0.00	0.00	0.00			Mat	Bag
-----								
ROGERS FERTILIZER & SERVICES LEBANON KY 40033								
00-00-60	90760	0.00	0.00	60.51		101	Mat	Bulk
07-18-35	92502+	7.01	17.76	34.40		98	CM	Bulk
12-20-20	92504+	12.80	21.66	21.83		106	CM	Bulk
17-11-17	92028+	17.95	11.95	17.80		101	CM	Bulk
18-46-00	90761	17.90	46.03	0.00		100	Mat	Bulk
19-13-17	92506+	18.72	13.22	19.28		101	CM	Bulk
21-00-00	90762+	21.44	0.00	0.00		102	Mat	Bulk
21-10-19	92503+	21.51	10.85	21.38		104	CM	Bulk
22-10-14	92505+	22.89	10.63	15.65		103	CM	Bulk
26-08-10	92029+	27.15	8.59	10.32		102	CM	Bulk
46-00-00	90759	46.25	0.00	0.00		101	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.19	102.12	104.18				
ALL SAMPLES,CV %		1.53	3.92	5.21				
NUMBER OF ANALYSIS		10	8	8				
Deficiency Rate = 0.00 %								
-----								
RUDOLPH FARM SUPPLY, INC SALEM KY 42078								
00-00-60	90916	0.00	0.00	60.02		100	Mat	Bulk
06-16-20	92450	8.15	18.36	21.87		112	CM	Bulk
09-23-30	91105	8.96	23.36	29.18		99	CM	Bulk
09-25-26	92451	10.31	27.06	26.81		103	CM	Bulk
10-26-25	91101	10.61	26.26	25.67		100	CM	Bulk
10-26-25	91102	10.31	26.03	26.74		101	CM	Bulk
12-30-20	92452	12.01	30.89	20.15		101	CM	Bulk
12-30-20	92453	11.83	30.60	20.79		101	CM	Bulk
13-20-26	92454	12.65	20.39	26.14		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
RUDOLPH FARM SUPPLY, INC		SALEM KY 42078						
17-12-27	92448	16.46	13.36	27.45		100	CM	Bulk
17-12-27	92449	17.37	13.37	26.15		99	CM	Bulk
18-46-00	90915	18.29	44.91	0.00		99	Mat	Bulk
29-12-10	92455	30.88	12.47	11.61		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.85	102.42	101.57				
ALL SAMPLES,CV %		9.2	5.02	3.4				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								
-----								
RUSSELLVILLE CROP SERVICE		RUSSELLVILLE KY 42276-0008						
07-36-18	91299	8.17	36.07	17.10		99	CM	Bulk
07-36-18	91300	8.14	36.41	17.01		99	CM	Bulk
09-09-09	91302	10.00	9.64	9.30		99	CM	Bulk
17-17-17	91301+	18.49	19.45	16.61		104	CM	Bulk
17-17-17	91304	17.74	17.45	17.58		101	CM	Bulk
17-17-17	91305+	18.10	19.43	16.84		103	CM	Bulk
19-11-14	91308	18.07	10.88	14.70		97 *	CM	Bulk
21-09-20	91527+	21.04	8.83	20.91		100	CM	Bulk
26-19-09	91528	26.26	19.38	9.19		101	CM	Bulk
27-09-09	91303+	28.72	10.56	9.32		103	CM	Bulk
43-00-00	91307	44.67	0.00	0.00		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.20	102.14	97.37				
ALL SAMPLES,CV %		3.35	5.46	3.53				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate = 9.09 %								
-----								
SCHOCHOH CROP		RUSSELLVILLE KY 42276						
09-23-30	90239	9.02	23.80	29.89		102	CM	Bulk
09-23-30	90240	8.98	24.10	29.43		102	CM	Bulk
09-23-30	90241	8.60	22.73	30.78		99	CM	Bulk
09-23-30	90242	8.99	23.68	29.78		101	CM	Bulk
09-23-30	90278	8.49	22.72	29.87		98	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.82	23.41	29.95		100.6		
CV, %		2.85	2.74	1.67				
10-19-15	91893+	9.16	18.23	16.04		100	CM	Bulk
10-19-15	91894+	9.86	18.06	15.16		99	CM	Bulk
10-19-15	91895+	9.69	18.11	14.82		98	CM	Bulk
10-19-15	91896+	9.31	17.70 *	15.67		99	CM	Bulk
10-19-15	91897+	9.66	18.03	16.01	*	101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SCHOCHOH CROP RUSSELLVILLE KY 42276								
Statistical Analysis for Grade : 10-19-15								
Number of Samples This Grade : 5								
Average Analysis :		9.54	18.03	15.54		99.3		
CV, %		3.04	1.09	3.45				
10-26-25	90279	9.86	24.80	27.79		98	CM	Bulk
10-26-25	90280	10.13	25.83	25.82		99	CM	Bulk
10-27-24	90276	10.39	27.01	23.27		97	CM	Bulk
10-27-24	90277	10.01	26.75	25.66		98	CM	Bulk
11-28-18	91749+	11.11	28.34	19.06		101	CM	Bulk
11-28-18	91750+	11.23	28.79	18.94		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.85	97.90	103.00				
ALL SAMPLES,CV %		3.18	4.02	3.95				
NUMBER OF ANALYSIS		16	16	16				
Deficiency Rate = 6.25 %								
-----								
SCHULTZ CO. BRIDGETON MO 63044								
05-03-03	90133+	5.13	3.83	2.97		111	Blend	Bag
05-03-03	90301+	5.03	4.01	2.92		112	Blend	Bag
05-03-03	91584+	4.55 *	3.85	3.57		109	Mnfr	Bag
08-14-09	90036+	8.41	15.36	10.63		110	Blend	Liq
10-10-10	90484	9.39	11.42	10.31		105	Blend	Bag
10-10-10	90798	9.82	10.79	11.30		106	Mnfr	Bag
10-10-10	91455	9.29	10.03	9.04 *		95 *	Blend	Bag
10-10-10	91512	10.27	10.60	10.87		106	Blend	Bag
10-10-10	91669	10.68	8.61 *	13.12		107	Blend	Bag
10-10-10	91673	10.22	10.16	10.80		104	Blend	Bag
10-10-10	91674	10.47	10.70	11.20		108	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 7								
Average Analysis :		10.02	10.33	10.95		104.4		
CV, %		5.33	8.58	11.19				
10-12-12	90652+	10.89	11.01 *	12.15		100	Blend	Bag
10-15-10	90041+	10.65	16.05	10.64		107	Blend	Liq
12-02-04	90303+	11.14	5.85	4.57		127	Blend	Bag
12-02-04	90385+	11.04	5.38	5.17		125	Blend	Bag
13-13-13	90438	14.38	16.39	13.48		116	Blend	Bag
13-13-13	91672	12.94	13.63	13.76		103	Blend	Bag
16-12-12	90651+	16.22	11.11	12.31		99	Blend	Bag
19-31-17	90035+	17.99	30.59	17.44		98	Blend	Bag
24-08-16	92081+	25.37	8.72	17.79		108	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SCHULTZ CO. BRIDGETON MO 63044								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.64	125.69	108.84				
ALL SAMPLES,CV %		6	43.47	9.31				
NUMBER OF ANALYSIS		20	20	20				
Deficiency Rate = 20.00 %								
-----								
SCOTTS MIRACLE-GRO PRODUCTS, INC MARYSVILLE OH 43041								
04-12-04	90458	4.07	12.23	4.35		103	Blend	Liq
06-09-00	90051+	9.39	7.55 *	0.00		108	Blend	Bag
06-12-06	90101+	6.29	12.63	6.68		106	Blend	Bag
07-01-02	91496+	7.60	1.59	1.95		112	Mnfr	Bag
08-00-00	90849	8.35	0.00	0.00		104	Mat	Liq
10-10-10	91580+	11.20	11.13	11.25		112	Mnfr	Bag
10-16-10	90022+	10.29	16.99	11.33		106	Blend	Bag
12-04-08	90047+	12.49	4.20	8.06		104	Blend	Liq
12-04-08	91592+	12.54	4.21	7.66		102	Mat	Liq
12-06-12	90201+	14.34	7.45	15.10		123	Mnfr	Bag
12-06-12	90307+	14.13	6.39	14.70		116	Blend	Bag
15-05-10	90081+	15.12	6.09	12.87		112	Blend	Bag
15-05-10	90298+	15.15	6.28	12.59		112	Blend	Bag
15-05-10	91505+	14.72	5.85	12.86		111	Mnfr	Bag
15-30-15	90306+	16.15	31.42	15.23		105	Blend	Bag
18-18-21	91499+	18.69	17.73	20.86		100	Mnfr	Bag
18-18-21	91658+	18.68	18.69	21.46		103	Blend	Bag
20-20-20	90443+	20.60	20.33	19.58		101	Blend	Bag
20-20-20	91500+	20.06	20.58	20.45		102	Mnfr	Bag
24-08-16	90029+	23.90	8.65	17.87		104	Blend	Bag
24-08-16	90296+	25.95	7.91	16.35		105	Blend	Bag
24-08-16	90445+	24.41	7.88	16.32		101	Blend	Bag
30-10-10	90305+	31.16	10.73	10.61		105	Blend	Bag
30-10-10	90444+	30.58	10.36	10.54		103	Blend	Bag
30-10-10	91665+	31.41	10.23	11.22		106	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.00	108.47	109.31				
ALL SAMPLES,CV %		10.75	12.91	9.61				
NUMBER OF ANALYSIS		25	24	23				
Deficiency Rate = 4.00 %								
-----								
SCOTTS SIERRA MARYSVILLE OH 43041								
15-08-11	90802+	14.84	7.95	11.96		102	Blend	Bag
15-08-11	90852+	14.62	7.81	11.77		101	Blend	Bag
15-09-12	90947+	16.31	8.86	12.48		104	Blend	Bag
19-06-12	90295+	20.34	7.07	12.97		110	Blend	Bag
19-06-12	92079+	20.03	6.67	13.49		109	Blend	Bag
-----								
SECURITY SEED & CHEMICAL MURRAY KY 42071								
05-13-03	90476+	6.72	13.46	4.65		110	CM	Liq
-----								
SECURITY SEED/CHEMICAL CLARKSVILLE TN 37040								
28-00-00	91567	28.20	0.00	0.00		101	Mat	Liq
32-00-00	92189	31.80	0.00	0.00		100	Mat	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SECURITY SEED/CHEMICAL		CLARKSVILLE TN 37040						
32-00-00	92456	32.00	0.00	0.00		100	Blend	Liq
-----								
SOUTH CENTRAL FARM SUPPLY, INC.		GAMALIEL KY 42140						
19-19-18	91880	19.46	19.78	20.16		102	CM	Bulk
19-19-18	91883	19.85	19.52	19.75		102	CM	Bulk
19-19-18	91884	20.05	19.16	20.71		103	CM	Bulk
19-19-19	91072	18.51	19.94	21.16		103	CM	Bulk
19-19-19	91881	18.86	20.91	20.00		103	CM	Bulk
30-11-11	91882	31.08	11.99	12.14		104	CM	Bulk
34-00-15	91065	34.02	0.00	17.81		105	CM	Bulk
34-00-15	91073	33.95	0.00	16.96		103	CM	Bulk
36-15-00	91885	37.49	15.87	0.00		103	CM	Bulk
39-11-00	91070	39.03	14.00	0.00		105	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.53	104.93	109.20				
ALL SAMPLES,CV %		2.62	7.04	4.47				
NUMBER OF ANALYSIS		10	8	8				
Deficiency Rate = 0.00 %								
-----								
SPECTRUM GROUP		ST. LOUIS MO 63114-0642						
01-11-00	90095+	1.40	11.47	0.00		107	Blend	Bag
02-05-02	90050+	2.52	5.25	2.47		111	Blend	Liq
09-09-06	90042	9.37	7.56 *	6.58		95 *	Blend	Bag
09-09-06	90078	11.70	7.33 *	8.69		108	Blend	Bag
09-09-06	90140	9.71	9.40	5.99		105	Blend	Bag
09-09-06	91093	9.11	9.56	6.37		104	Mnfr	Bag
10-10-10	90048	7.63 *	8.99 *	8.26 *		84 *	Blend	Bag
10-10-10	91448	10.91	9.32	10.15		101	Blend	Bag
10-10-10	91454	11.02	10.14	11.01		107	Blend	Bag
12-05-07	90138+	11.83	6.33	8.17		110	Blend	Bag
12-05-07	91098+	10.90 *	7.19	8.05		109	Blend	Bag
12-06-10	90038+	12.81	6.08	9.31		102	Blend	Bag
12-06-10	91091+	12.22	6.22	9.39		99	Mnfr	Bag
12-10-05	91090+	12.91	10.91	4.66		106	Mnfr	Bag
12-36-14	90448+	12.91	37.27	14.67		104	Blend	Bag
15-30-15	90043	14.21	28.60	16.69		97	Blend	Bag
15-30-15	90139	15.30	28.54	15.52		98	Blend	Bag
15-30-15	91097	15.04	29.63	14.38		98	Blend	Bag
16-04-08	90269+	17.67	4.18	7.92		107	Blend	Bag
16-04-08	90270+	15.89	3.72	8.72		100	Blend	Bag
16-04-08	91447+	16.19	3.90	7.43		98	Blend	Bag
16-04-08	91513+	15.78	4.00	9.20		103	Blend	Bag
17-17-17	90198+	18.57	17.84	17.13		106	Mnfr	Bag
20-27-05	91089+	19.75	26.27	5.27		99	Mnfr	Bag
22-00-14	90069	23.61	0.00	16.71		111	Blend	Bag
22-00-14	90083+	21.82	0.00	14.10		100	Blend	Bag
22-00-14	90097	21.20	0.00	17.76		105	Blend	Bag
22-00-14	90131+	22.13	0.00	14.62		102	Blend	Bag
22-00-14	90172+	21.81	0.00	22.16		115	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SPECTRUM GROUP ST. LOUIS MO 63114-0642								
22-00-14	90248+	20.17 *	0.00	14.96		96 *	Blend	Bag
22-00-14	90250+	22.13	0.00	13.59		100	Blend	Bag
22-00-14	90255+	20.57	0.00	10.99 *		89 *	Blend	Bag
22-00-14	90273+	21.25	0.00	14.25		98	Blend	Bag
22-00-14	90293+	21.15	0.00	14.39		98	Blend	Bag
22-00-14	90304	22.94	0.00	15.06		105	Blend	Bag
22-00-14	90374	22.71	0.00	15.68		106	Blend	Bag
22-00-14	90379+	22.45	0.00	12.08 *		98	Blend	Bag
Statistical Analysis for Grade : 22-00-14								
Number of Samples This Grade : 13								
Average Analysis :		21.84	0.00	15.10		101.6		
CV, %		4.44	0	18.19				
22-03-14	90268+	24.83	3.94	10.76 *		106	Blend	Bag
24-00-08	90030	24.36	0.00	8.89		103	Blend	Bag
24-00-08	91492	24.90	0.00	7.82		102	Blend	Bag
24-08-16	90037+	23.68	10.44	17.91		109	Blend	Bag
24-08-16	91092+	25.00	8.72	16.62		105	Blend	Bag
26-00-11	90068	25.96	0.00	11.32		100	Blend	Bag
26-00-11	90096	27.48	0.00	10.30		103	Blend	Bag
26-00-11	90251	27.08	0.00	11.87		105	Blend	Bag
26-00-11	90254	23.82 *	0.00	11.30		94 *	Blend	Bag
26-00-11	90308	27.03	0.00	11.15		103	Blend	Bag
26-00-11	90378	28.62	0.00	9.94 *		106	Blend	Bag
Statistical Analysis for Grade : 26-00-11								
Number of Samples This Grade : 6								
Average Analysis :		26.67	0.00	10.98		102.0		
CV, %		6.14	0	6.54				
26-12-18	90447+	25.80	12.08	18.14		100	Blend	Bag
28-00-04	91575	24.31 *	0.00	4.49		90 *	Blend	Bag
28-03-08	91373	26.50	3.44	8.39		98	Blend	Bag
29-00-05	90174+	27.27 *	0.00	5.63		96 *	Blend	Bag
29-00-05	90265	28.71	0.00	6.36		102	Blend	Bag
29-00-05	90380+	26.66 *	0.00	3.55 *		90 *	Blend	Bag
29-00-05	90471+	23.78 *	0.00	9.61		92 *	Blend	Bag
29-03-04	90049+	27.95	2.58	4.25		96 *	Blend	Bag
32-00-04	90850+	33.59	0.00	4.45		106	Blend	Bag
32-00-04	91577+	33.24	0.00	3.65		102	Blend	Bag
32-00-04	91787+	31.90	0.00	3.04 *		97	Blend	Bag
35-00-05	90034+	34.71	0.00	5.49		100	Blend	Bag
35-00-05	90799+	33.95	0.00	6.35		101	Mnfr	Bag
35-00-05	90946+	34.06	0.00	5.75		100	Blend	Bag
35-00-05	91788+	36.91	0.00	5.61		106	Blend	Bag
35-00-05	92076+	35.92	0.00	5.34		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SPECTRUM GROUP ST. LOUIS MO 63114-0642								
Statistical Analysis for Grade : 35-00-05								
Number of Samples This Grade : 5								
Average Analysis :		35.11	0.00	5.71		101.9		
CV, %		3.63	0	6.82				
35-05-05	90039+	34.29	7.31	5.84		106	Blend	Bag
35-05-05	90105+	32.98 *	5.36	7.50		100	Blend	Bag
35-05-05	90384+	33.88	6.89	5.96		104	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.53	106.29	107.46				
ALL SAMPLES,CV %		9.23	15.3	17.39				
NUMBER OF ANALYSIS		67	33	66				
Deficiency Rate = 25.37 %								
-----								
SPEED AG SERVICE HICKMAN KY 42050								
00-00-60	90191	0.00	0.00	60.72		101	Mat	Bulk
06-07-40	92288+	6.27	7.84	40.18		100	CM	Bulk
06-07-40	92289+	6.49	8.19	39.86		101	CM	Bulk
06-07-40	92290+	6.17	7.41	40.17		99	CM	Bulk
07-18-36	92286	7.01	18.59	35.37		99	CM	Bulk
07-18-36	92287	6.69	18.10	36.33		99	CM	Bulk
08-07-40	92292	8.17	8.05	41.91		103	CM	Bulk
18-46-00	90192	17.86	46.32	0.00		100	Mat	Bulk
24-06-12	92293	24.80	6.06	14.04		103	CM	Bulk
24-06-12	92294	24.14	6.90	14.05		104	CM	Bulk
32-00-00	92291	31.73	0.00	0.00		99	Mat	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.11	102.02	103.88				
ALL SAMPLES,CV %		2.5	4.55	6.13				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 0.00 %								
-----								
SS (BARD) BARDSTOWN SVC BARDSTOWN KY 40004								
15-10-26	92265	14.88	10.63	26.02		98	CM	Bulk
16-06-13	92346	17.24	6.47	13.04		99	CM	Bulk
16-15-26	92344	15.72	15.24	26.56		99	CM	Bulk
16-15-26	92345	15.99	15.40	26.78		100	CM	Bulk
17-09-29	92348	18.01	8.84	28.70		99	CM	Bulk
19-19-19	90772	18.54	20.38	19.70		101	CM	Bulk
27-29-00	92262	26.70	28.04	0.00		99	CM	Bulk
27-29-00	92263	26.94	28.94	0.00		101	CM	Bulk
33-06-11	92264	33.47	6.98	11.39		101	CM	Bulk
33-07-10	92347	34.63	7.15	9.82		100	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (BARD) BARDSTOWN SVC BARDSTOWN KY 40004								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.95	99.52	99.23				
ALL SAMPLES,CV %		2.46	3.28	2.13				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate = 0.00 %								
-----								
SS (BOWL) BOWLING GREEN COOP BOWLING GREEN KY 42101								
21-15-20	91258	20.98	15.97	21.46		103	CM	Bulk
21-15-20	91261	22.20	15.00	21.76		104	CM	Bulk
23-00-30	91260	22.41	0.00	31.97		103	CM	Bulk
24-17-14	91257	23.75	17.72	16.25		103	CM	Bulk
25-00-27	91263	23.98	0.00	29.77		103	CM	Bulk
25-11-17	91256	24.84	12.08	16.94		99	CM	Bulk
25-16-13	91262+	25.18	16.38	14.21		100	CM	Bulk
31-10-10	91255	31.48	11.44	10.65		102	CM	Bulk
31-10-10	91259	31.60	11.56	11.00		103	CM	Bulk
31-10-10	91264	30.73	11.94	12.01		104	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.55	104.91	106.97				
ALL SAMPLES,CV %		2.43	5.19	4.06				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
-----								
SS (CADI) CADIZ BR CADIZ KY 42211								
04-12-15	90464	5.30	11.81	16.49		102	CM	Bulk
06-16-38	91879	6.16	16.08	39.70		101	CM	Bulk
09-23-30	90208	9.07	23.29	28.85		100	CM	Bulk
09-23-30	90209	9.02	22.57	30.60		100	CM	Bulk
09-23-30	90474	8.96	23.43	29.25		100	CM	Bulk
09-23-30	90475	8.92	22.65	30.47		100	CM	Bulk
22-16-16	92064	22.54	18.94	16.04		102	CM	Bulk
-----								
SS (CALH) CALHOUN CALHOUN KY 42327								
09-23-29	92378	8.88	23.39	29.37		99	CM	Bulk
09-23-29	92379	9.11	23.75	28.66		99	CM	Bulk
09-23-30	92381	8.89	22.41	30.12		99	CM	Bulk
09-23-30	92382	8.74	22.35	29.97		98	CM	Bulk
09-23-30	92383	8.90	22.41	30.07		99	CM	Bulk
16-18-20	92377	16.37	15.90 *	23.97		105	CM	Bulk
16-18-20	92380	13.17 *	8.41 *	31.98		108	CM	Bulk
-----								
SS (CARL) OWINGS SVC-CARLISLE BR CARLISLE KY 40311								
08-14-14	92136	6.87 *	13.46	16.53		102	CM	Bulk
09-18-28	92139	9.03	18.45	29.19		101	CM	Bulk
19-05-25	92138	18.32	5.66	28.16		104	CM	Bulk
20-12-20	92135	18.76	11.70	21.53		100	CM	Bulk
20-12-20	92137	20.05	11.91	21.48		102	CM	Bulk
-----								
SS (CLAY) CLAY KY 42404								
08-22-29	92342	9.03	22.80	29.34		99	CM	Bulk
08-22-29	92343	8.96	23.79	30.77		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (CLAY) CLAY KY 42404								
09-23-30	92339	9.16	23.05	29.49		100	CM	Bulk
09-23-30	92340	9.09	23.43	29.25		100	CM	Bulk
13-20-26	92336	12.24	21.23	27.90		102	CM	Bulk
13-20-26	92337	12.69	21.25	26.48		100	CM	Bulk
13-20-26	92338	13.08	20.46	26.50		100	CM	Bulk
13-20-26	92341	12.55	20.80	25.79		98	CM	Bulk
-----								
SS (COLU) GREEN RVR SVC ADAIR COLUMBIA KY 42728								
29-06-16	92508	28.84	6.51	18.66		103	CM	Bulk
29-06-16	92509	28.33	6.95	17.88		102	CM	Bulk
29-06-16	92510	28.81	6.68	17.54		101	CM	Bulk
-----								
SS (CYN) LEXINGTON COOP-CYN BRANCH CYNTHIANA KY 41031								
00-00-20	92127+	0.00	0.00	20.17		99	CM	Bulk
09-08-12	92125	9.49	7.69	12.53		100	CM	Bulk
09-08-12	92126	9.95	8.05	12.17		101	CM	Bulk
09-08-12	92131	9.66	8.04	13.07		104	CM	Bulk
11-09-15	92129	11.05	9.80	16.16		103	CM	Bulk
14-00-08	92134+	10.92 *	0.00	10.75	*	97	CM	Bulk
14-09-11	92124	11.18 *	9.78	13.30		99	CM	Bulk
19-00-20	92122+	19.48	0.00	19.97		100	CM	Bulk
30-00-00	92123	30.73	0.00	0.00		99	CM	Bulk
35-00-12	92128	35.07	0.00	11.61		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.41	97.92	105.43				
ALL SAMPLES,CV %		11.03	1.97	6.87				
NUMBER OF ANALYSIS		9	5	9				
Deficiency Rate = 20.00 %								
-----								
SS (DANV) COOP BOYLE BR DANVILLE KY 40422								
17-00-36	92441	13.98 *	0.00	42.17		103	CM	Bulk
23-00-30	92438	24.96	0.00	29.16		102	CM	Bulk
23-00-30	92439	22.87	0.00	30.96		102	CM	Bulk
33-00-16	92442	35.03	0.00	15.85		102	CM	Bulk
33-00-16	92443	34.93	0.00	16.91		104	CM	Bulk
33-00-16	92444	34.63	0.00	17.60		105	CM	Bulk
40-00-06	92440	42.25	0.00	6.53		102	CM	Bulk
-----								
SS (ELIZ) HARDIN COOP, INC ELIZABETHTOWN KY 42701								
09-06-06	90358	10.18	7.62	6.97		110	CM	Bulk
10-26-26	91614	10.51	25.24	25.85		99	CM	Bulk
16-23-19	91722	16.46	24.37	19.58		101	CM	Bulk
18-23-17	91615	17.77	23.71	17.78		100	CM	Bulk
19-00-34	91617	20.58	0.00	34.80		103	CM	Bulk
20-22-15	91616	19.73	21.38	17.55		100	CM	Bulk
25-08-20	91719	26.12	7.43	21.32		101	CM	Bulk
25-08-20	91720	24.77	8.14	22.23		102	CM	Bulk
28-28-00	91613	28.45	28.23	0.00		99	CM	Bulk
28-28-00	91718	28.15	28.79	0.00		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (ELIZ) HARDIN COOP, INC		ELIZABETHTOWN KY	42701					
33-00-15	91721	34.14	0.00	16.86		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.66	99.58	104.63				
ALL SAMPLES,CV %		2.76	7.28	4.16				
NUMBER OF ANALYSIS		11	9	9				
Deficiency Rate = 0.00 %								
-----								
SS (ELKT) RUSS.-TODD BRANCH		ELKTON KY	42220					
05-14-38	90336+	5.92	14.90	39.24		102	CM	Bulk
08-21-31	90339	8.82	22.60	30.87		102	CM	Bulk
10-26-25	90337	10.31	26.74	26.25		102	CM	Bulk
12-19-28	90340	12.93	19.69	28.89		102	CM	Bulk
12-19-28	90341	12.73	19.50	29.06		101	CM	Bulk
19-19-19	91358	18.84	20.02	19.07		100	CM	Bulk
21-15-20	91357	20.74	15.51	20.45		100	CM	Bulk
21-15-20	91359	20.69	15.42	20.64		100	CM	Bulk
21-18-18	91355	20.67	19.17	17.82		101	CM	Bulk
27-11-15	91356	27.36	11.66	16.03		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.09	101.95	101.79				
ALL SAMPLES,CV %		2.58	1.66	2.67				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
SS (EMIN) INC KNTCKANA SVC-HENRY BR		EMINENCE KY	40019-9801					
11-05-13	92481	11.83	5.20	15.18	*	106	CM	Bulk
14-00-07	92480	14.43	0.00	7.17		102	CM	Bulk
14-00-07	92486	14.20	0.00	7.68		104	CM	Bulk
14-02-09	92479	15.56	3.01	8.82	*	106	CM	Bulk
14-05-13	92485	14.23	7.12	15.07	*	107	CM	Bulk
15-07-19	92482	15.96	7.00	19.86		102	CM	Bulk
23-07-20	92487	23.12	7.56	21.56		103	CM	Bulk
31-09-12	92483	30.97	8.71	13.64		102	CM	Bulk
31-09-12	92484	31.49	9.14	12.77		102	CM	Bulk
32-05-13	92488	32.05	5.68	14.46		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.97	108.24	105.73				
ALL SAMPLES,CV %		3.29	14.95	3.85				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
-----								
SS (FLEM) FLEMINGSBURG		FLEMINGSBURG KY	41041					
02-06-12	92156+	2.32	5.99	13.37		102	CM	Bulk
03-06-09	92150+	3.17	6.06	9.51		101	CM	Bulk
04-11-14	92154	4.36	11.32	15.50		101	CM	Bulk
10-00-00	92157+	10.23	0.00	0.00		97	CM	Bulk
12-12-18	92152	11.23 *	12.54	19.25		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041								
13-00-10	92151+	12.48	0.00	11.21		99	CM	Bulk
13-00-10	92155+	12.51	0.00	10.43		96 *	CM	Bulk
13-00-10	92160+	12.58	0.00	10.66		97	CM	Bulk
13-07-11	92153+	13.35	7.70	11.55		98	CM	Bulk
19-11-16	92159+	18.71	10.55	17.01	*	99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.88	97.51	102.78				
ALL SAMPLES,CV %		3.34	1.29	2.71				
NUMBER OF ANALYSIS		10	6	9				
Deficiency Rate = 20.00 %								
-----								
SS (FRAN) SIMPSON COOP FRANKLIN KY 42134								
05-13-42	90281	5.16	13.16	42.25		99	CM	Bulk
05-13-42	90285	5.15	13.12	41.88		99	CM	Bulk
05-13-42	90286	5.24	13.36	43.12		101	CM	Bulk
05-13-42	90288	5.12	13.31	41.82		99	CM	Bulk
05-13-42	90289	5.50	13.20	41.77		100	CM	Bulk
05-13-42	90290	5.60	13.68	42.78		102	CM	Bulk
Statistical Analysis for Grade : 05-13-42								
Number of Samples This Grade : 6								
Average Analysis :		5.30	13.31	42.27		100.0		
CV, %		3.85	1.54	1.33				
09-23-30	90283	8.97	22.84	30.12		100	CM	Bulk
09-23-30	90287	10.03	24.94	27.72 *		104	CM	Bulk
09-25-27	90282	9.89	24.50	27.28		99	CM	Bulk
09-25-27	90284	9.65	25.49	26.95		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.76	101.41	98.35				
ALL SAMPLES,CV %		4.43	2.94	2.44				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
SS (GEOR) GEORGETOWN COOP GEORGETOWN KY 40324								
00-00-56	91165+	0.00	0.00	56.90		101	CM	Bulk
26-00-21	91858	26.00	0.00	22.48		101	CM	Bulk
32-00-17	91171	33.36	0.00	17.39		102	CM	Bulk
32-00-17	92492	33.06	0.00	18.68		103	CM	Bulk
32-00-17	92494	32.29	0.00	19.76		104	CM	Bulk
32-00-17	92496	32.44	0.00	17.12		99	CM	Bulk
32-00-17	92498	32.96	0.00	19.04		104	CM	Bulk
Statistical Analysis for Grade : 32-00-17								
Number of Samples This Grade : 5								
Average Analysis :		32.82	0.00	18.40		102.3		
CV, %		1.36	0	6.07				
35-00-14	92489	34.79	0.00	16.02		103	CM	Bulk
36-00-11	92162	35.17	0.00	12.75		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (GEOR) GEORGETOWN COOP GEORGETOWN KY 40324								
-----								
SS (GLAS) GLASGOW COOP GLASGOW KY 42141								
15-11-30	91079	15.92	12.70	30.70		103	CM	Bulk
16-21-21	91075	15.94	21.68	22.29		101	CM	Bulk
19-16-16	91245	20.03	15.11	17.23		102	CM	Bulk
19-16-16	91246	20.28	15.72	16.21		102	CM	Bulk
26-32-00	91076	25.54	31.91	0.00		98	CM	Bulk
26-32-00	91077	25.31	32.31	0.00		98	CM	Bulk
27-13-13	91074	26.34	13.36	14.96		100	CM	Bulk
27-13-13	91244	27.95	14.29	15.10		105	CM	Bulk
27-13-13	91247	28.50	14.20	13.57		103	CM	Bulk
31-10-10	91078	31.48	11.19	10.43		101	CM	Bulk
32-09-09	91080	32.90	9.56	9.98		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.13	100.82	103.43				
ALL SAMPLES,CV %		3.41	4.8	4.28				
NUMBER OF ANALYSIS		11	11	9				
Deficiency Rate = 0.00 %								
-----								
SS (GREE) GREENVILLE KY SVC GREENVILLE KY 42345								
06-15-39	92405	5.98	14.61	40.74		100	CM	Bulk
06-15-39	92406	5.85	16.15	39.38		100	CM	Bulk
19-10-22	92402	19.26	11.29	22.93		103	CM	Bulk
28-16-09	92403+	25.09 *	20.00	12.71		106	CM	Bulk
29-12-12	92404	24.85 *	14.07	16.33		103	CM	Bulk
-----								
SS (HARD) BRECK SERVICE HARDINSBURG KY 40143								
07-14-07	92222	6.82	14.53	6.65		100	Blend	Liq
07-18-35	92174	6.26 *	16.44 *	40.25		102	CM	Bulk
09-18-27	92172	10.48	17.39	25.64 *		97	CM	Bulk
13-11-17	92170	13.74	12.13	16.44		100	CM	Bulk
19-16-21	92178	18.04	17.02	23.85		102	CM	Bulk
19-16-21	92179	18.53	15.80	24.15		101	CM	Bulk
19-19-19	92173	18.57	19.43	19.98		100	CM	Bulk
28-06-16	92175	27.86	7.25	18.25		101	CM	Bulk
28-06-16	92176	27.64	7.40	20.74		106	CM	Bulk
28-06-16	92177	29.07	7.11	16.83		101	CM	Bulk
35-00-11	92171	33.96	0.00	13.61		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.24	100.60	105.93				
ALL SAMPLES,CV %		7.2	5.29	8.93				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 18.18 %								
-----								
SS (HARR) CNTRL KY SVC HARRODSBURG KY 40330								
00-00-59	91640+	0.00	0.00	60.52		101	CM	Bulk
15-22-21	92330	15.26	22.33	21.42		99	CM	Bulk
16-06-07	92331	16.82	5.99	8.91		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (HARR) CNTRL KY SVC HARRODSBURG KY 40330								
19-05-12	92322	20.70	5.11	13.26	*	106	CM	Bulk
20-04-09	92325	18.81	4.88	15.11		117	CM	Bulk
21-05-09	92327	21.53	5.37	9.76		102	CM	Bulk
27-00-09	92332	27.49	0.00	9.79		99	CM	Bulk
27-00-09	92333	27.40	0.00	11.14		104	CM	Bulk
27-00-19	92328	28.14	0.00	20.24		102	CM	Bulk
27-00-20	92329	29.20	0.00	20.50		104	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.20	97.70	109.70				
ALL SAMPLES,CV %		4.04	3.71	15.12				
NUMBER OF ANALYSIS		9	5	10				
Deficiency Rate = 0.00 %								
-----								
SS (HEND) HENDERSON COOP HENDERSON KY 42420								
05-14-19	90423	6.78	16.11	20.39		108	CM	Bulk
05-15-20	90422	6.91	15.51	21.94		106	CM	Bulk
06-17-13	90409	7.48	17.83	14.57		104	CM	Bulk
06-17-13	90410	7.43	17.63	14.96		104	CM	Bulk
08-22-30	91688	8.90	23.48	29.42		100	CM	Bulk
08-22-30	91689	9.06	23.16	30.54		101	CM	Bulk
-----								
SS (HODG) HARDIN COOP HODG BR SVC HODGENVILLE KY 42748								
03-03-29	91320	2.79 *	2.95	30.72		103	CM	Bulk
07-18-36	91319	7.12	18.39	36.21		100	CM	Bulk
08-22-30	91312	8.89	22.99	29.94		100	CM	Bulk
16-19-16	91313	16.95	18.56	17.05		102	CM	Bulk
18-17-17	91317	18.73	17.93	18.84		103	CM	Bulk
18-20-19	91316	19.23	20.23	19.83		101	CM	Bulk
19-19-19	91314	19.68	19.48	20.03		102	CM	Bulk
19-19-19	91315	17.85	20.18	21.39		102	CM	Bulk
19-19-19	91341	19.58	19.71	18.44		99	CM	Bulk
23-16-15	91318	22.33	17.02	18.52		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.25	100.50	104.64				
ALL SAMPLES,CV %		5.57	2.99	5.7				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
-----								
SS (HOPK) HOPKINSVILLE COOP HOPKINSVILLE KY 42240								
04-11-17	90421	4.96	11.26	19.33		103	CM	Bulk
04-11-18	90420	5.33	12.08	19.17		110	CM	Bulk
05-14-08	90344	4.43 *	14.56	7.44		98	CM	Bulk
05-14-19	90345	3.90 *	15.43	19.97		105	CM	Bulk
10-26-23	91212+	10.03	26.14	24.51		101	CM	Bulk
10-27-23	91214+	10.15	26.00	24.78		102	CM	Bulk
10-27-23	91215+	10.49	26.83	24.50		103	CM	Bulk
20-18-18	91211	20.59	17.51	19.89		101	CM	Bulk
20-18-18	91213	20.83	18.75	18.37		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (HOPK) HOPKINSVILLE COOP HOPKINSVILLE KY 42240								
21-17-17	91216	21.31	18.53	18.72		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.77	102.74	105.69				
ALL SAMPLES,CV %		14.05	5.38	3.22				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								
-----								
SS (HORS) HORSE CAVE COOP HORSE CAVE KY 42749								
18-17-22	90912	18.16	18.04	22.24		101	CM	Bulk
19-19-19	90877	19.24	18.13	19.51		98	CM	Bulk
19-19-19	90911	19.78	20.08	18.27		100	CM	Bulk
19-19-19	91063	19.08	20.25	19.57		102	CM	Bulk
19-19-19	91064	18.97	18.58	20.99		101	CM	Bulk
20-18-18	90913	20.67	18.49	18.05		100	CM	Bulk
23-00-17	90914	23.62	0.00	17.74		100	CM	Bulk
31-22-00	91062	31.95	22.76	0.00		100	CM	Bulk
34-18-00	91059	34.98	17.48	0.00		99	CM	Bulk
36-15-00	91061	36.87	14.97	0.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.53	99.84	100.61				
ALL SAMPLES,CV %		1.35	4.28	4.12				
NUMBER OF ANALYSIS		10	9	7				
Deficiency Rate = 0.00 %								
-----								
SS (LAGR) KY SVC BR-LAGRANGE BR LAGRANGE KY 40031								
08-19-33	92297+	6.91	18.24	34.83		100	CM	Bulk
08-19-33	92300+	6.96	19.08	32.89		98	CM	Bulk
08-19-33	92303+	6.89	18.70	34.74		101	CM	Bulk
09-23-28	92302	9.12	23.18	30.28		101	CM	Bulk
16-03-12	92298	16.22	4.15	13.40		102	CM	Bulk
17-20-20	92301	17.38	20.36	21.29		100	CM	Bulk
19-22-17	92305	18.53	21.19	17.29		99	CM	Bulk
27-13-13	92304	27.11	13.35	15.74		103	CM	Bulk
35-00-13	92296	34.83	0.00	15.70		103	CM	Bulk
35-00-13	92299	34.82	0.00	14.94		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.52	97.98	105.97				
ALL SAMPLES,CV %		3.48	2.86	4.85				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
-----								
SS (LEBA) LEBANON SVC SPRINGFIELD KY 40069								
19-19-19	91999	19.26	20.21	19.08		101	CM	Bulk
-----								
SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754								
08-22-28	90615	9.99	22.47	29.12		104	CM	Bulk
18-18-18	91980	18.76	19.81	20.31		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754								
19-19-19	91193	19.04	19.58	20.47		102	CM	Bulk
19-19-19	91932	19.88	20.24	18.94		102	CM	Bulk
19-19-19	91934	19.26	19.87	19.24		101	CM	Bulk
19-19-19	91935	19.61	19.37	19.36		100	CM	Bulk
19-19-19	91936	19.50	18.97	20.36		101	CM	Bulk
19-19-19	91979	19.40	20.01	20.11		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		19.45	19.67	19.75		101.3		
CV, %		1.49	2.35	3.27				
24-13-17	91981	25.28	13.47	17.82		103	CM	Bulk
25-15-15	91933	25.69	14.66	15.45		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.16	101.66	102.80				
ALL SAMPLES,CV %		4.93	2.68	3.09				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
SS (LEXI) LEXINGTON COOP LEXINGTON KY 40508								
11-08-28	92544	11.00	7.75	30.16		102	CM	Bulk
14-00-29	92542	13.52	0.00	30.76		101	CM	Bulk
14-00-29	92543	13.55	0.00	29.58		98	CM	Bulk
14-08-24	92545	13.26	8.25	25.07		100	CM	Bulk
23-00-12	92549+	23.00	0.00	11.97		98	CM	Bulk
28-00-07	92548	28.61	0.00	7.27		100	CM	Bulk
-----								
SS (LIBE) LIBERTY SVC LIBERTY KY 42539								
31-00-16	92515	30.63	0.00	18.21		103	CM	Bulk
31-09-12	92516	30.96	9.23	11.86		99	CM	Bulk
38-00-09	92511	37.50	0.00	11.35		101	CM	Bulk
38-00-09	92512	38.41	0.00	10.06		100	CM	Bulk
-----								
SS (LOND) LONDON COOP LONDON KY 40741								
10-10-10	91471	10.43	11.08	9.24		103	Blend	Bag
10-20-20	91470	9.29	19.21	20.39		98	Blend	Bag
19-19-10	91468	19.48	19.77	10.66		104	Blend	Bag
19-19-19	91467	18.35	20.44	19.61		103	Blend	Bag
25-10-18	91469	25.03	10.49	19.31		101	CM	Bulk
-----								
SS (MAYS) MAYSVILLE COOP MAYSVILLE KY 41056-0668								
00-00-55	90977+	0.00	0.00	55.60		100	CM	Bulk
07-02-04	90974	7.18	3.32	5.16		106	CM	Bulk
11-18-26	90976	11.51	18.43	27.40		101	CM	Bulk
19-19-19	90978	18.37	19.76	19.98		100	CM	Bulk
24-11-16	92362	25.33	7.76 *	18.38	*	99	CM	Bulk
29-07-14	92360	30.10	7.37	14.82	*	100	CM	Bulk
29-07-14	92361	29.35	7.51	15.97	*	102	CM	Bulk
-----								
SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437								
08-22-30	90487	9.52	24.90	28.08 *		104	CM	Bulk
08-22-30	90489	8.50	21.80	30.55		97	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437								
09-23-29	90424	9.28	23.63	29.97		101	CM	Bulk
09-23-29	90425	9.66	23.79	30.19		102	CM	Bulk
09-23-29	90426	9.32	23.93	29.38		101	CM	Bulk
09-23-29	90427	9.58	23.50	29.96		101	CM	Bulk
09-23-29	90488	8.74	22.16	31.36		99	CM	Bulk
Statistical Analysis for Grade : 09-23-29								
Number of Samples This Grade : 5								
Average Analysis :		9.32	23.40	30.17		100.9		
CV, %		3.87	3.05	2.42				
-----								
SS (NICH) NICHOLASVILLE SVC NICHOLASVILLE KY 40356								
11-00-16	92500	11.86	0.00	16.97		103	CM	Bulk
11-00-16	92501	10.81	0.00	16.91		100	CM	Bulk
-----								
SS (OWEN) COOP OWENSBORO OWENSBORO KY 42301								
05-15-39	91795+	6.00	15.35	41.57		103	CM	Bulk
07-00-40	91793+	8.39	0.00	36.35 *		95 *	CM	Bulk
07-00-40	91794+	8.24	0.00	37.38 *		97	CM	Bulk
07-00-40	91797+	7.12	0.00	41.75		104	CM	Bulk
08-22-30	91798	9.17	23.22	29.20		99	CM	Bulk
16-09-11	91796+	17.21	9.23	12.11		103	CM	Bulk
16-18-24	92279	16.68	18.66	23.57		100	CM	Bulk
16-18-24	92334	16.14	18.35	24.86		101	CM	Bulk
-----								
SS (OWEN) OWENTON COOP, INC OWENTON KY 40359								
07-18-36	92373	6.91	18.94	36.89		102	CM	Bulk
09-06-34	92375	10.04	7.06	35.29		102	CM	Bulk
16-12-18	92528	16.37	12.07	20.04	*	101	CM	Bulk
17-00-24	92529	17.45	0.00	26.35		104	CM	Bulk
17-11-17	92532	17.56	12.43	18.79		103	CM	Bulk
18-00-29	92531	18.23	0.00	31.06		104	CM	Bulk
19-00-20	92533	19.48	0.00	22.12		104	CM	Bulk
20-06-24	92374	21.28	7.19	25.47		104	CM	Bulk
21-12-18	92530	20.90	12.61	19.31		100	CM	Bulk
32-04-12	92376	32.82	5.28	13.65		104	CM	Bulk
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.24	103.64	104.62				
ALL SAMPLES,CV %		2.95	5.55	2.11				
NUMBER OF ANALYSIS		10	7	10				
Deficiency Rate = 0.00 %								
-----								
SS (OWIN) OWINGSVILLE SVC OWINGSVILLE KY 40360								
00-00-59	92143+	0.00	0.00	59.81		100	CM	Bulk
07-07-11	92141	7.95	6.81	11.15		100	CM	Bulk
10-00-09	92146	10.46	0.00	9.83		102	CM	Bulk
10-26-26	92142	10.09	26.56	26.73		102	CM	Bulk
13-09-14	92145	16.08	8.98	11.18 *		94 *	CM	Bulk
13-16-25	92147	13.28	16.80	25.81		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (OWIN) OWINGSVILLE SVC OWINGSVILLE KY 40360								
13-16-25	92148	12.49	15.89	26.87		101	CM	Bulk
18-13-20	92144	18.12	13.14	22.07		100	CM	Bulk
19-19-19	92043	18.14	19.49	21.26		101	CM	Bulk
22-00-21	92140	21.99	0.00	20.82		99	CM	Bulk
24-09-12	92149	23.63	10.44	12.46		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.16	99.56	101.36				
ALL SAMPLES,CV %		7.87	6.42	8.06				
NUMBER OF ANALYSIS		10	8	11				
Deficiency Rate = 9.09 %								
-----								
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-22	90055+	0.00	0.00	22.59		103	Mat	Bulk
00-00-22	91127+	0.00	0.00	22.40		102	Mat	Bulk
00-00-22	91147+	0.00	0.00	22.18		101	Mat	Bulk
00-00-22	91228	0.00	0.00	22.02		100	Mat	Bulk
00-00-50	90538	0.00	0.00	50.18		100	Mat	Bulk
00-00-50	90593	0.00	0.00	51.46		103	Mat	Bulk
00-00-50	90711	0.00	0.00	50.48		101	Mat	Bulk
00-00-50	90980	0.00	0.00	51.93		104	Mat	Bulk
00-00-50	91133	0.00	0.00	50.66		101	Mat	Bulk
00-00-50	91146	0.00	0.00	51.87		104	Mat	Bulk
00-00-50	91169	0.00	0.00	51.76		104	Mat	Bulk
00-00-50	91431	0.00	0.00	50.65		101	Mat	Bulk
00-00-50	91432	0.00	0.00	50.42		101	Mat	Bulk
00-00-50	91485	0.00	0.00	51.64		103	Mat	Bulk
00-00-50	91546	0.00	0.00	49.55		99	Mat	Bulk
00-00-50	91694	0.00	0.00	51.47		103	Mat	Bulk
00-00-50	92060	0.00	0.00	50.11		100	Mat	Bulk
00-00-50	92324	0.00	0.00	50.88		102	Mat	Bulk
00-00-50	92541	0.00	0.00	51.76		104	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 15								
Average Analysis :		0.00	0.00	50.99		102.0		
CV, %		0	0	1.49				
00-00-60	90123	0.00	0.00	60.89		101	Mat	Bulk
00-00-60	90124	0.00	0.00	60.75		101	Mat	Bulk
00-00-60	90125	0.00	0.00	60.00		100	Mat	Bulk
00-00-60	90129	0.00	0.00	60.16		100	Mat	Bulk
00-00-60	90130	0.00	0.00	59.53		99	Mat	Bulk
00-00-60	90183	0.00	0.00	59.74		100	Mat	Bulk
00-00-60	90184	0.00	0.00	61.00		102	Mat	Bulk
00-00-60	90186	0.00	0.00	59.68		99	Mat	Bulk
00-00-60	90188	0.00	0.00	59.41		99	Mat	Bulk
00-00-60	90224	0.00	0.00	60.85		101	Mat	Bulk
00-00-60	90225	0.00	0.00	61.22		102	Mat	Bulk
00-00-60	90226	0.00	0.00	60.89		101	Mat	Bulk
00-00-60	90227	0.00	0.00	61.60		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	90228	0.00	0.00	61.74		103	Mat	Bulk
00-00-60	90229	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	90233	0.00	0.00	61.52		103	Mat	Bulk
00-00-60	90234	0.00	0.00	61.71		103	Mat	Bulk
00-00-60	90235	0.00	0.00	60.93		102	Mat	Bulk
00-00-60	90236	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	90237	0.00	0.00	61.89		103	Mat	Bulk
00-00-60	90325	0.00	0.00	60.10		100	Mat	Bulk
00-00-60	90326	0.00	0.00	60.77		101	Mat	Bulk
00-00-60	90328	0.00	0.00	60.82		101	Mat	Bulk
00-00-60	90329	0.00	0.00	59.88		100	Mat	Bulk
00-00-60	90480	0.00	0.00	60.20		100	Mat	Bulk
00-00-60	90536	0.00	0.00	61.47		102	Mat	Bulk
00-00-60	90541	0.00	0.00	59.76		100	Mat	Bulk
00-00-60	90549	0.00	0.00	60.91		102	Mat	Bulk
00-00-60	90563	0.00	0.00	59.51		99	Mat	Bulk
00-00-60	90595	0.00	0.00	60.95		102	Mat	Bulk
00-00-60	90598	0.00	0.00	61.10		102	Mat	Bulk
00-00-60	90599	0.00	0.00	60.64		101	Mat	Bulk
00-00-60	90610	0.00	0.00	61.25		102	Mat	Bulk
00-00-60	90616	0.00	0.00	60.92		102	Mat	Bulk
00-00-60	90621	0.00	0.00	59.88		100	Mat	Bulk
00-00-60	90635	0.00	0.00	60.29		100	Mat	Bulk
00-00-60	90648	0.00	0.00	60.15		100	Mat	Bulk
00-00-60	90654	0.00	0.00	60.94		102	Mat	Bulk
00-00-60	90655	0.00	0.00	60.68		101	Mat	Bulk
00-00-60	90656	0.00	0.00	61.47		102	Mat	Bulk
00-00-60	90678	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	90698	0.00	0.00	61.08		102	Mat	Bulk
00-00-60	90710	0.00	0.00	59.18		99	Mat	Bulk
00-00-60	90736	0.00	0.00	61.42		102	Mat	Bulk
00-00-60	90743	0.00	0.00	60.43		101	Mat	Bulk
00-00-60	90770	0.00	0.00	60.44		101	Mat	Bulk
00-00-60	90775	0.00	0.00	61.60		103	Mat	Bulk
00-00-60	90812	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	90819	0.00	0.00	60.30		100	Mat	Bulk
00-00-60	90884	0.00	0.00	61.22		102	Mat	Bulk
00-00-60	90904	0.00	0.00	58.99		98	Mat	Bulk
00-00-60	90981	0.00	0.00	60.17		100	Mat	Bulk
00-00-60	90989	0.00	0.00	61.96		103	Mat	Bulk
00-00-60	90990	0.00	0.00	59.76		100	Mat	Bulk
00-00-60	90991	0.00	0.00	59.52		99	Mat	Bulk
00-00-60	90995	0.00	0.00	58.94		98	Mat	Bulk
00-00-60	91082	0.00	0.00	60.25		100	Mat	Bulk
00-00-60	91128	0.00	0.00	60.99		102	Mat	Bulk
00-00-60	91129	0.00	0.00	61.76		103	Mat	Bulk
00-00-60	91130	0.00	0.00	60.50		101	Mat	Bulk
00-00-60	91148	0.00	0.00	60.83		101	Mat	Bulk
00-00-60	91167	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	91226	0.00	0.00	60.62		101	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	91231	0.00	0.00	60.56		101	Mat	Bulk
00-00-60	91383	0.00	0.00	60.64		101	Mat	Bulk
00-00-60	91394	0.00	0.00	60.39		101	Mat	Bulk
00-00-60	91464	0.00	0.00	61.93		103	Mat	Bulk
00-00-60	91466	0.00	0.00	61.08		102	Mat	Bulk
00-00-60	91481	0.00	0.00	60.91		102	Mat	Bulk
00-00-60	91539	0.00	0.00	61.49		102	Mat	Bulk
00-00-60	91542	0.00	0.00	61.38		102	Mat	Bulk
00-00-60	91619	0.00	0.00	60.50		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 72								
Average Analysis :		0.00	0.00	60.67		101.1		
CV, %		0	0	1.19				
00-45-00	90636	0.00	44.34	0.00		99	Mat	Bulk
00-46-00	90988	0.00	45.40	0.00		99	Mat	Bulk
10-10-10	91389	9.09 *	10.06	9.55		96 *	Blend	Bag
10-10-10	92032	9.37	10.66	10.39		102	Blend	Bag
11-52-00	90594	11.02	51.42	0.00		99	Mat	Bulk
11-52-00	91126	10.59	51.25	0.00		98	Mat	Bulk
18-46-00	90126	17.90	45.89	0.00		100	Mat	Bulk
18-46-00	90127	17.76	46.35	0.00		100	Mat	Bulk
18-46-00	90128	17.83	46.61	0.00		101	Mat	Bulk
18-46-00	90185	17.90	46.44	0.00		101	Mat	Bulk
18-46-00	90187	17.79	46.69	0.00		101	Mat	Bulk
18-46-00	90189	17.94	46.95	0.00		102	Mat	Bulk
18-46-00	90221	17.68	46.65	0.00		101	Mat	Bulk
18-46-00	90222	17.92	45.81	0.00		100	Mat	Bulk
18-46-00	90223	18.04	46.43	0.00		101	Mat	Bulk
18-46-00	90230	17.40	44.85	0.00		97	Mat	Bulk
18-46-00	90231	18.00	46.11	0.00		100	Mat	Bulk
18-46-00	90232	17.88	46.10	0.00		100	Mat	Bulk
18-46-00	90327	17.71	45.95	0.00		100	Mat	Bulk
18-46-00	90330	18.00	45.71	0.00		100	Mat	Bulk
18-46-00	90331	17.91	45.67	0.00		99	Mat	Bulk
18-46-00	90481	17.66	46.17	0.00		100	Mat	Bulk
18-46-00	90482	17.91	46.72	0.00		101	Mat	Bulk
18-46-00	90537	17.83	45.43	0.00		99	Mat	Bulk
18-46-00	90540	18.10	45.33	0.00		99	Mat	Bulk
18-46-00	90559	17.67	45.19	0.00		98	Mat	Bulk
18-46-00	90596	17.59	45.33	0.00		98	Mat	Bulk
18-46-00	90597	17.74	45.71	0.00		99	Mat	Bulk
18-46-00	90609	18.24	46.04	0.00		100	Mat	Bulk
18-46-00	90620	18.17	45.36	0.00		99	Mat	Bulk
18-46-00	90633	17.64	45.38	0.00		98	Mat	Bulk
18-46-00	90646	16.84	42.92 *	0.00		93 *	Mat	Bulk
18-46-00	90657	17.72	45.99	0.00		100	Mat	Bulk
18-46-00	90658	17.68	45.96	0.00		99	Mat	Bulk
18-46-00	90679	17.68	45.94	0.00		99	Mat	Bulk
18-46-00	90696	17.66	44.91	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	90713	17.66	46.08	0.00		100	Mat	Bulk
18-46-00	90735	17.65	46.01	0.00		99	Mat	Bulk
18-46-00	90741	17.38	45.36	0.00		98	Mat	Bulk
18-46-00	90771	17.69	45.55	0.00		99	Mat	Bulk
18-46-00	90777	17.87	45.87	0.00		100	Mat	Bulk
18-46-00	90813	17.79	45.71	0.00		99	Mat	Bulk
18-46-00	90862	17.48	45.61	0.00		99	Mat	Bulk
18-46-00	90885	17.35	45.74	0.00		99	Mat	Bulk
18-46-00	90905	17.73	45.77	0.00		99	Mat	Bulk
18-46-00	90979	17.80	46.24	0.00		100	Mat	Bulk
18-46-00	90982	17.65	46.39	0.00		100	Mat	Bulk
18-46-00	90987	17.68	46.04	0.00		100	Mat	Bulk
18-46-00	90997	17.64	45.87	0.00		99	Mat	Bulk
18-46-00	91081	18.01	46.17	0.00		100	Mat	Bulk
18-46-00	91135	17.71	46.11	0.00		100	Mat	Bulk
18-46-00	91142	17.97	46.26	0.00		100	Mat	Bulk
18-46-00	91170	18.07	46.03	0.00		100	Mat	Bulk
18-46-00	91230	17.42	46.21	0.00		99	Mat	Bulk
18-46-00	91382	17.98	45.86	0.00		100	Mat	Bulk
18-46-00	91393	18.05	45.88	0.00		100	Mat	Bulk
18-46-00	91421	18.54	44.89	0.00		99	Mat	Bulk
18-46-00	91461	17.75	45.65	0.00		99	Mat	Bulk
18-46-00	91462	17.87	45.96	0.00		100	Mat	Bulk
18-46-00	91463	17.91	46.09	0.00		100	Mat	Bulk
18-46-00	91465	17.96	45.22	0.00		99	Mat	Bulk
18-46-00	91484	17.52	45.48	0.00		98	Mat	Bulk
18-46-00	91541	18.21	45.43	0.00		99	Mat	Bulk
18-46-00	91545	17.73	44.98	0.00		98	Mat	Bulk
18-46-00	91618	17.74	45.67	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 59								
Average Analysis :		17.79	45.81	0.00		99.4		
CV, %		1.43	1.32	0				
21-00-00	91131+	21.36	0.00	0.00		102	Mat	Bulk
21-00-00	91132+	21.59	0.00	0.00		103	Mat	Bulk
21-00-00	91381	20.78	0.00	0.00		99	Mat	Bulk
21-00-00	91692+	21.25	0.00	0.00		101	Mat	Bulk
21-00-00	91693+	21.25	0.00	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 21-00-00								
Number of Samples This Grade : 5								
Average Analysis :		21.25	0.00	0.00		101.2		
CV, %		1.39	0	0				
32-00-00	92067	31.54	0.00	0.00		99	Mat	Liq
32-00-00	92335	31.69	0.00	0.00		99	Mat	Liq
32-04-04	90848+	31.43	3.92	4.55		100	Blend	Bag
34-00-00	90539	33.08	0.00	0.00		99	Mat	Bulk
34-00-00	90634	33.47	0.00	0.00		100	Mat	Bulk
34-00-00	90647	34.17	0.00	0.00		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (RICH) COOP INC FERT DIV		RICHMOND VA 23260						
34-00-00	90699	34.50	0.00	0.00		103	Mat	Bulk
34-00-00	90714	34.15	0.00	0.00		102	Mat	Bulk
34-00-00	90734	34.06	0.00	0.00		102	Mat	Bulk
34-00-00	90986	33.39	0.00	0.00		98	Mat	Bulk
34-00-00	91144	33.55	0.00	0.00		99	Mat	Bulk
34-00-00	91168	34.13	0.00	0.00		100	Mat	Bulk
34-00-00	91227	33.25	0.00	0.00		98	Mat	Bulk
34-00-00	91229	33.77	0.00	0.00		101	Mat	Bulk
34-00-00	91483	33.41	0.00	0.00		98	Mat	Bulk
34-00-00	91540	32.85	0.00	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 13								
Average Analysis :		33.68	0.00	0.00		100.0		
CV, %		1.47	0	0				
37-00-00	91396+	37.06	0.00	0.00		100	Mat	Bag
46-00-00	90535	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	90542	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	90550	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	90560	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	90564	45.87	0.00	0.00		100	Mat	Bulk
46-00-00	90617	45.64	0.00	0.00		99	Mat	Bulk
46-00-00	90619	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	90632	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	90649	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	90680	45.96	0.00	0.00		100	Mat	Bulk
46-00-00	90697	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	90712	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	90737	46.34	0.00	0.00		101	Mat	Bulk
46-00-00	90740	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	90769	45.56	0.00	0.00		99	Mat	Bulk
46-00-00	90776	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	90778	45.87	0.00	0.00		100	Mat	Bulk
46-00-00	90811	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	90818	45.85	0.00	0.00		100	Mat	Bulk
46-00-00	90886	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	90906	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	90975	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	90983	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	90992	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	90993	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	90994	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	90996	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	91083	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	91134	45.64	0.00	0.00		99	Mat	Bulk
46-00-00	91143	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	91145	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	91166	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	91380	45.70	0.00	0.00		99	Mat	Bulk
46-00-00	91391	45.95	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	91392	45.73	0.00	0.00		99	Mat	Bulk
46-00-00	91395	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	91482	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	91538	45.93	0.00	0.00		100	Mat	Bulk
46-00-00	91543	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	91544	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	91620	46.20	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 41								
Average Analysis :		46.00	0.00	0.00		100.0		
CV, %		0.4	0	0				
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.31	99.63	101.36				
ALL SAMPLES,CV %		1.66	1.56	1.9				
NUMBER OF ANALYSIS		126	66	94				
Deficiency Rate = 0.91 %								
-----								
SS (RICH) RICHMOND SVC RICHMOND KY 40475								
10-10-15	92428	11.44	10.63	17.60		107	CM	Bulk
11-29-21	92429	11.77	28.50	22.67		101	CM	Bulk
19-19-19	92218	18.93	18.21	20.65		99	CM	Bulk
-----								
SS (RUSS) COOP, INC. RUSSELLVILLE KY 42276								
00-00-22	90789+	0.00	0.00	22.76		103	Mnfr	Bag
05-10-15	90790	6.27	11.27	14.30		104	Blend	Bag
06-24-24	91210	5.90	23.74	24.77		101	Blend	Bag
06-24-24	91364	6.93	25.39	22.91		102	Blend	Bag
06-24-24	92086	7.01	25.82	23.61		105	Blend	Bag
10-10-10	90338	10.58	9.98	10.64		103	Mnfr	Bag
10-10-10	90733	9.36	10.06	10.44		100	Blend	Bag
10-10-10	90773	9.73	10.52	9.67		100	Blend	Bag
10-10-10	90794	9.19	10.17	11.12		102	Blend	Bag
10-10-10	91209	10.02	11.14	10.06		104	Blend	Bag
10-10-10	91363	9.10 *	8.99 *	9.60		92 *	Blend	Bag
10-10-10	92085	10.04	9.36	9.83		97	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 7								
Average Analysis :		9.72	10.03	10.19		99.7		
CV, %		5.53	7.08	5.51				
12-24-24	90791	9.19 *	23.14	31.52		106	Blend	Bag
15-15-15	90793	16.33	15.21	15.88		105	Blend	Bag
19-19-19	90732	18.95	19.80	19.10		102	Blend	Bag
19-19-19	90774	19.91	19.39	19.16		103	Blend	Bag
19-19-19	90792	18.56	19.04	19.95		101	Blend	Bag
19-19-19	91365	18.55	19.67	18.41		99	Blend	Bag
19-19-19	92025	19.17	19.27	19.89		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (RUSS) COOP, INC. RUSSELLVILLE KY 42276								
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.03	19.43	19.30		101.4		
CV, %		2.94	1.57	3.3				
21-00-00	90788+	21.29	0.00	0.00		101	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.25	102.02	102.87				
ALL SAMPLES,CV %		10.51	5.49	7.93				
NUMBER OF ANALYSIS		19	18	19				
Deficiency Rate = 10.00 %								
-----								
SS (RUSS) RUSSELLVILLE COOP RUSSELLVILLE KY 42276								
13-18-24	91339	14.21	18.50	25.02		102	CM	Bulk
19-19-19	91747	19.38	19.90	18.97		100	CM	Bulk
19-23-15	91337	18.87	23.87	15.94		100	CM	Bulk
21-12-16	91745+	20.57	12.87	16.44		99	CM	Bulk
21-12-16	91746+	20.36	13.13	16.92		100	CM	Bulk
23-17-15	91340	23.35	17.01	15.90		100	CM	Bulk
29-12-11	91338	28.95	12.64	11.74		100	CM	Bulk
32-10-00	91748+	32.02	10.73	0.00		100	CM	Bulk
38-00-00	91744+	39.37	0.00	0.00		101	CM	Bulk
41-07-00	91743	42.25	7.92	0.00		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.22	101.79	102.22				
ALL SAMPLES,CV %		2.33	1.91	2.22				
NUMBER OF ANALYSIS		10	9	7				
Deficiency Rate = 0.00 %								
-----								
SS (SHEL) SHELBYVILLE COOP SHELBYVILLE KY 40065								
06-13-19	92314	6.79	13.14	21.45		105	CM	Bulk
06-13-19	92315	6.61	12.53	20.44		100	CM	Bulk
07-14-21	92312	7.23	13.52	23.60		103	CM	Bulk
09-08-09	92313	9.76	8.19	10.67		103	CM	Bulk
13-03-16	92307	13.14	3.03	17.38		102	CM	Bulk
13-03-16	92310	12.88	3.20	16.69		100	CM	Bulk
15-09-12	92309+	14.68	9.36	12.79		99	CM	Bulk
16-04-14	92306	15.81	4.76	15.25		103	CM	Bulk
16-09-10	92308+	16.13	9.59	10.88		101	CM	Bulk
28-08-16	92311+	28.61	7.87	18.31		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.03	97.84	106.26				
ALL SAMPLES,CV %		2.37	3.82	3.84				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
SS (SOME) SOMERSET COOP SOMERSET KY 42503								
17-31-11	91198	17.95	30.86	12.06		100	CM	Bulk
18-18-18	91203	19.18	18.61	20.32		103	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (SOME) SOMERSET COOP		SOMERSET KY 42503						
20-18-18	91201	19.73	18.23	19.91		100	CM	Bulk
21-00-21	91195	21.51	0.00	22.42		102	CM	Bulk
27-13-13	91196	26.95	14.37	14.69		103	CM	Bulk
27-13-13	91202	26.99	14.14	14.75		103	CM	Bulk
27-13-13	91204	25.09 *	15.41	16.39		105	CM	Bulk
29-06-16	91199	27.91 *	7.57	17.97		102	CM	Bulk
29-06-16	91205	29.14	7.31	17.92		104	CM	Bulk
30-00-20	91197	29.64	0.00	20.37		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.18	105.69	107.79				
ALL SAMPLES,CV %		2.95	6.85	4.73				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 20.00 %								
-----								
SS (SPRI) LEBANON-SPRINGFIELD BR		SPRINGFIELD KY 40069						
08-22-29	92030	8.14 *	20.33 *	33.20		99	CM	Bulk
-----								
SS (STAN) STANFORD SVC		STANFORD KY 40484						
12-00-37	92468	12.70	0.00	37.24		99	CM	Bulk
13-06-09	92471	13.40	6.72	9.97		102	CM	Bulk
33-20-00	90014	32.43	18.75 *	0.00		94 *	CM	Bulk
-----								
SS (WARS) GALLATIN SVC		WARSAW KY 41095						
07-18-36	90112	7.24	17.60	38.00		100	CM	Bulk
17-00-16	92520	17.45	0.00	16.81		100	CM	Bulk
17-09-13	92521	16.95	9.23	13.30		98	CM	Bulk
17-14-21	92526	17.09	15.13	22.16		102	CM	Bulk
19-00-17	92523	19.71	0.00	18.04		101	CM	Bulk
19-13-20	92522	18.77	13.16	20.50		100	CM	Bulk
19-13-20	92524	18.38	13.49	21.01		99	CM	Bulk
21-11-18	92525	21.33	10.82	19.74		101	CM	Bulk
25-00-22	92519	24.79	0.00	23.41		102	CM	Bulk
30-19-03	92527	29.98	18.96	4.20		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.11	99.14	103.34				
ALL SAMPLES,CV %		1.61	3.05	3.33				
NUMBER OF ANALYSIS		10	7	10				
Deficiency Rate = 0.00 %								
-----								
SS (WINC) COOP, INC.		WINCHESTER KY 40391						
00-10-30	91490+	0.00	9.98	29.83		100	Blend	Bag
00-10-30	92105+	0.00	10.03	29.96		100	Blend	Bag
00-10-30	92220+	0.00	10.51	29.54		100	Blend	Bag
05-10-10	91327	5.22	10.55	9.32		101	Blend	Bag
05-10-15	90998	5.52	10.35	14.80		101	Blend	Bag
05-10-15	91139	5.33	10.76	16.10		107	Blend	Bag
05-10-15	91486	5.48	10.66	14.56		101	Blend	Bag
05-10-15	91548	5.15	9.32	16.08	*	103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (WINC) COOP, INC. WINCHESTER KY 40391								
05-10-15	91627	5.10	9.77	15.45		101	Blend	Bag
05-10-15	92120	4.46 *	9.19	15.65		99	Blend	Bag
05-10-15	92370	4.41 *	8.97 *	16.85		103	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade : 7								
Average Analysis :		5.06	9.86	15.64		102.4		
CV, %		9.05	7.44	5.07				
05-20-20	91387	6.19	19.12	21.43		104	Blend	Bag
05-20-20	91491	4.79	20.65	20.96		103	Blend	Bag
05-20-20	91537	7.48	19.56	20.43		105	Blend	Bag
05-20-20	91638	5.59	20.06	19.41		100	Blend	Bag
05-20-20	91685	4.71	20.38	21.92		104	Blend	Bag
Statistical Analysis for Grade : 05-20-20								
Number of Samples This Grade : 5								
Average Analysis :		5.75	19.95	20.83		103.3		
CV, %		19.85	3.1	4.64				
06-12-12	91478	5.77	11.57	14.67		106	Blend	Bag
06-24-24	91400	6.36	24.62	24.17		102	Blend	Bag
06-24-24	92051	6.82	24.25	24.41		103	Blend	Bag
09-18-27	91136	9.06	18.50	28.30		104	Blend	Bag
09-18-27	91549	8.84	18.01	28.42	*	103	Blend	Bag
09-18-27	91637	12.78	26.68	16.71 *		95 *	Blend	Bag
09-18-27	91800	8.98	16.93	27.62		100	Blend	Bag
10-10-10	90820	9.96	10.33	8.92 *		98	Blend	Bag
10-10-10	90999	9.80	9.79	10.24		99	Blend	Bag
10-10-10	91000	9.53	9.57	11.98		103	Blend	Bag
10-10-10	91325	9.83	9.53	10.55		100	Blend	Bag
10-10-10	91385	8.57 *	9.18	9.45		91 *	Blend	Bag
10-10-10	91401	9.35	9.92	9.61		96 *	Blend	Bag
10-10-10	91479	9.47	9.18	11.43		100	Blend	Bag
10-10-10	91487	7.70 *	10.56	9.30		92 *	Blend	Bag
10-10-10	91534	9.65	11.99	11.32		110	Blend	Bag
10-10-10	91626	10.22	9.79	9.57		99	Blend	Bag
10-10-10	91630	9.19	9.62	10.41		97	Blend	Bag
10-10-10	91636	10.78	10.54	9.94		104	Blend	Bag
10-10-10	91683	8.59 *	9.71	9.27		92 *	Blend	Bag
10-10-10	91766	9.49	10.28	8.36 *		94 *	Blend	Bag
10-10-10	91817	10.77	10.55	10.41		106	Blend	Bag
10-10-10	92049	9.35	9.99	8.61 *		93 *	Blend	Bag
10-10-10	92101	9.50	9.44	10.79		99	Blend	Bag
10-10-10	92119	9.22	8.41 *	9.11 *		89 *	Blend	Bag
10-10-10	92470	9.02 *	9.18	8.16 *		88 *	Blend	Bag
10-10-10	92513	9.03 *	9.38	9.41		93 *	Blend	Bag
10-10-10	92540	8.36 *	8.88 *	10.49		92 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (WINC) COOP, INC. WINCHESTER KY 40391								
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 21								
Average Analysis :		9.40	9.80	9.87		96.9		
CV, %		7.86	7.72	10.35				
10-20-20	91386	10.23	20.83	18.87		100	Blend	Bag
12-12-12	91326	10.80 *	12.09	11.14		95 *	Blend	Bag
12-12-12	91818	11.37	13.24	12.09		102	Blend	Bag
12-12-12	92102	11.39	12.04	13.61		103	Blend	Bag
12-22-14	91639	11.83	22.24	13.84		100	Blend	Bag
15-15-15	91328	16.11	15.91	14.51		103	Blend	Bag
15-15-15	91476	15.05	16.18	14.72		102	Blend	Bag
15-15-15	91767	14.34	15.35	14.95		99	Blend	Bag
15-15-15	92050	14.29	15.86	14.15		99	Blend	Bag
19-00-19	91137	19.43	0.00	19.03		101	Blend	Bag
19-19-19	91140	17.67	15.93 *	24.85		102	Blend	Bag
19-19-19	91384	19.73	19.92	18.48		102	Blend	Bag
19-19-19	91397	19.35	19.51	20.21		104	Blend	Bag
19-19-19	91398	18.02	17.47 *	22.27		101	Blend	Bag
19-19-19	91477	19.17	20.46	19.26		103	Blend	Bag
19-19-19	91488	19.56	20.16	18.05		101	Blend	Bag
19-19-19	91535	20.29	19.83	20.35		106	Blend	Bag
19-19-19	91547	19.71	19.34	19.87		103	Blend	Bag
19-19-19	91625	19.43	18.95	19.95		102	Blend	Bag
19-19-19	91629	19.86	19.94	18.43		102	Blend	Bag
19-19-19	91684	19.10	19.55	20.26		103	Blend	Bag
19-19-19	91765	18.14	20.10	19.89		102	Blend	Bag
19-19-19	92031	17.97	20.65	20.50		104	Blend	Bag
19-19-19	92059	18.63	19.90	19.46		102	Blend	Bag
19-19-19	92103	18.62	20.28	19.44		102	Blend	Bag
19-19-19	92111	18.69	18.96	20.19		101	Blend	Bag
19-19-19	92219	18.95	18.91	20.08		102	Blend	Bag
19-19-19	92469	19.26	20.14	19.34		103	Blend	Bag
19-19-19	92514	19.81	21.60	16.07 *		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 19								
Average Analysis :		19.05	19.56	19.84		102.5		
CV, %		3.85	6.25	8.76				
27-00-00	91399+	27.08	0.00	0.00		100	Blend	Bag
27-00-00	91536+	27.87	0.00	0.00		103	Blend	Bag
27-00-00	92044+	26.89	0.00	0.00		100	Mat	Bag
27-00-00	92110	27.99	0.00	0.00		104	Blend	Bag
33-00-00	91108	32.99	0.00	0.00		100	Blend	Bag
33-00-00	91269+	33.79	0.00	0.00		102	Blend	Bag
33-00-00	91390+	32.99	0.00	0.00		100	Blend	Bag
33-00-00	92024+	32.51	0.00	0.00		99	Blend	Bag
33-00-00	92326+	34.47	0.00	0.00		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
SS (WINC) COOP, INC. WINCHESTER KY 40391								
Statistical Analysis for Grade : 33-00-00								
Number of Samples This Grade : 5								
Average Analysis :								
		33.35	0.00	0.00		101.1		
CV, %								
		2.33	0	0				
46-00-00	91138	45.86	0.00	0.00		100	Mat	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.21	101.35	101.19				
ALL SAMPLES,CV %		10.16	8.35	9.56				
NUMBER OF ANALYSIS		80	72	73				
Deficiency Rate = 21.69 %								
-----								
SS OWENSBORO-CARTER OWENSBORO KY 42301								
06-15-39	91691	5.64	15.49	40.83		101	CM	Bulk
19-10-26	91690	18.92	11.31	27.24		102	CM	Bulk
-----								
SS SEBREE BRANCH SEBREE KY 42455								
09-23-30	92407	8.35	22.77	31.75		101	CM	Bulk
09-23-30	92408	8.31	22.03	32.60		101	CM	Bulk
-----								
STANLEY AG SERVICE LLC STANLEY KY 42375								
08-22-30	92413	8.61	23.15	30.96		101	CM	Bulk
08-22-30	92414	8.88	22.17	31.60		101	CM	Bulk
08-22-30	92415	8.77	22.00	31.00		100	CM	Bulk
08-22-30	92416	8.70	22.42	31.25		101	CM	Bulk
09-23-30	92417	8.71	22.05	30.95		99	CM	Bulk
09-23-30	92418	8.71	22.30	31.35		100	CM	Bulk
09-23-30	92419	8.46	21.86	30.99		99	CM	Bulk
24-22-09	92278	24.71	22.26	9.49		99	CM	Bulk
-----								
SUN BULB COMPANY, INC. ARCADIA FL 34265								
11-35-15	90017+	11.81	36.94	16.07		106	Blend	Bag
11-35-15	91088+	11.55	36.74	16.20		106	Blend	Bag
20-14-13	90016+	20.82	14.65	12.24		103	Blend	Bag
20-14-13	91583+	18.88	14.28	14.47		101	Mnfr	Bag
-----								
SWISS FARMS PRODUCTS, INC. LAS VEGAS NV 89109								
15-30-15	90045+	15.97	30.50	15.05		103	Blend	Bag
15-30-15	90887+	16.16	31.94	14.66		105	Blend	Bag
15-30-15	91276+	15.70	31.14	14.49		102	Blend	Bag
15-30-15	91442+	15.57	31.23	15.78		104	Mat	Bag
15-30-15	91501+	15.75	30.07	16.00		103	Mnfr	Bag
15-30-15	91666+	15.86	30.84	15.81		104	Blend	Bag
Statistical Analysis for Grade : 15-30-15								
Number of Samples This Grade : 6								
Average Analysis :								
		15.84	30.95	15.30		103.5		
CV, %								
		1.33	2.09	4.24				
-----								
T AND N, INC FORISTELL MO 63348								
10-06-04	90109	11.60	6.86	5.03		116	Blend	Bag
10-06-04	90650	10.90	6.91	4.88		113	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
T AND N, INC FORISTELL MO 63348								
10-06-04	91808	8.59 *	5.23 *	3.79		88 *	Blend	Bag
12-12-12	90136	12.78	12.90	13.26		108	Blend	Bag
12-12-12	91811	11.43	11.46	12.59		98	Blend	Bag
12-12-12	92026	10.56 *	11.38	11.93		94 *	Blend	Bag
12-22-10	90722+	12.50	22.51	9.35		101	Mnfr	Bag
12-22-10	91810+	11.76	21.46	9.62		97	Blend	Bag
24-02-02	90137	22.78	2.28	2.20		97	Blend	Bag
25-05-10	90108	30.97	5.13	10.65		117	Blend	Bag
32-03-10	91809	32.46	3.23	10.15		102	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.09	103.51	105.89				
ALL SAMPLES,CV %		11.24	8.86	10.02				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 18.18 %								
-----								
TAYLOR, G.M. SEED CO. GEORGETOWN KY 40324								
00-00-50	92490	0.00	0.00	51.37		103	Mat	Bulk
00-00-60	91174	0.00	0.00	60.87		101	Mat	Bulk
14-00-07	92497	12.06 *	0.00	8.42		98	CM	Bulk
23-00-14	92495	22.12	0.00	14.61		98	CM	Bulk
29-00-18	92493	29.60	0.00	19.79		102	CM	Bulk
34-00-00	91173	33.91	0.00	0.00		100	Mat	Bulk
34-00-00	92491	34.13	0.00	0.00		100	Mat	Bulk
-----								
TETRA MICRONUTRIENTS THE WOODLANNDS TX 77386								
00-00-00	90984+	0.00	0.00	0.00			Mat	Bag
00-00-00	91122+	0.00	0.00	0.00			Mat	Bag
00-00-00	91163+	0.00	0.00	0.00			Mat	Bag
00-00-00	92163+	0.00	0.00	0.00			Mat	Bag
00-00-00	92221+	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				
-----								
THE ANDERSONS LOGANSPORT IN 46947								
07-14-07	92507	7.17	14.56	7.37		104	Mnfr	Liq
07-14-07	92550	6.90	14.65	7.31		103	Mnfr	Liq
-----								
THE ANDERSONS LAWN FERT DIV MAUMEE OH 43537								
07-14-14	91846+	7.78	13.91	17.10		110	Mnfr	Bag
12-12-12	91114	11.13	10.20 *	9.91 *		87 *	Blend	Bag
19-03-19	90213+	18.86	3.19	19.87		102	Mnfr	Bag
20-00-10	90212+	20.28	0.00	12.26		106	Mnfr	Bag
-----								
THE SCOTTS CO. MARYSVILLE OH 43041								
10-10-10	90046	11.56	10.59	11.92		112	Blend	Bag
10-10-10	91503	11.92	11.63	12.17		119	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
THE SCOTTS CO. MARYSVILLE OH 43041								
10-12-10	90015	12.13	15.27	12.30		125	Blend	Bag
10-12-10	90267	11.34	12.82	10.88		109	Mnfr	Bag
10-12-10	91971	11.29	12.23	12.18		111	Blend	Bag
11-02-02	90381+	10.57	2.77	2.39		106	Blend	Bag
11-02-02	90506+	11.45	2.49	2.50		109	Mnfr	Bag
11-02-02	90507+	11.88	1.95	2.32		107	Mnfr	Bag
11-02-02	90964+	11.10	2.01	2.41		103	Blend	Bag
11-02-02	91007+	11.08	2.19	2.68		106	Blend	Bag
11-02-02	91563+	11.57	2.42	2.53		110	Mnfr	Bag
11-02-02	91571+	11.51	2.14	2.63		108	Blend	Bag
Statistical Analysis for Grade : 11-02-02								
Number of Samples This Grade : 7								
Average Analysis :		11.31	2.28	2.49		107.2		
CV, %		3.78	12.82	5.24				
12-04-08	91502	13.19	4.69	10.62		119	Blend	Bag
12-04-08	91970	13.33	4.71	9.96		117	Blend	Bag
18-23-04	91014+	18.37	23.61	4.97		104	Blend	Bag
18-23-04	91449+	19.19	23.53	4.76		105	Blend	Bag
20-27-05	90061+	21.03	27.38	5.57		103	Blend	Bag
20-27-05	90077+	21.10	28.36	4.88		105	Blend	Bag
20-27-05	90090+	21.22	27.24	5.50		103	Blend	Bag
20-27-05	90100+	21.51	26.84	4.80		102	Blend	Bag
20-27-05	90202+	21.00	28.05	5.15		104	Mnfr	Bag
20-27-05	90245+	20.62	27.71	5.99		104	Blend	Bag
20-27-05	90291+	21.39	28.42	4.75		105	Blend	Bag
20-27-05	90372+	20.93	27.83	5.60		104	Blend	Bag
20-27-05	90454+	19.74	26.91	6.20		101	Blend	Bag
20-27-05	90472+	21.32	28.20	5.71		106	Blend	Bag
20-27-05	91444+	20.58	27.79	5.80		104	Blend	Bag
Statistical Analysis for Grade : 20-27-05								
Number of Samples This Grade : 11								
Average Analysis :		20.95	27.70	5.45		103.7		
CV, %		2.37	1.99	9.01				
22-02-14	90019+	23.83	2.66	14.27		109	Blend	Bag
22-02-14	90027+	22.90	2.65	16.17		109	Blend	Bag
22-02-14	90084+	22.90	2.12	15.31		106	Blend	Bag
22-02-14	90088+	23.22	2.34	15.02		107	Blend	Bag
22-02-14	90134+	22.72	2.23	15.56		106	Mnfr	Bag
22-02-14	90247+	22.66	2.22	14.90		105	Blend	Bag
22-02-14	90256+	23.32	2.13	14.13		105	Blend	Bag
22-02-14	90310+	22.72	2.40	14.55		105	Blend	Bag
22-02-14	90373+	23.65	2.25	13.78		106	Blend	Bag
22-02-14	90377+	23.34	1.84	13.18		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
THE SCOTTS CO. MARYSVILLE OH 43041								
Statistical Analysis for Grade : 22-02-14								
Number of Samples This Grade : 10								
Average Analysis :		23.13	2.28	14.69		105.8		
CV, %		1.77	10.8	6.04				
22-03-11	90091	22.85	3.32	11.17		104	Blend	Bag
22-03-11	90102	25.74	3.17	10.85		112	Blend	Bag
22-03-14	90086+	23.09	3.31	13.55		104	Blend	Bag
22-03-14	90092	22.59	3.13	14.62		103	Blend	Bag
22-03-14	90441+	21.89	2.94	14.09		100	Blend	Bag
24-03-12	90450+	24.21	3.47	13.20		104	Blend	Bag
26-00-03	91498+	26.59	0.00	3.38		103	Mnfr	Bag
26-02-12	90076+	27.60	2.16	12.08		105	Blend	Bag
26-02-12	90085+	27.19	2.07	12.57		105	Blend	Bag
26-02-12	90099+	27.63	2.10	12.02		105	Blend	Bag
26-02-12	90257+	26.57	2.03	12.44		102	Blend	Bag
26-02-12	90383+	26.45	2.07	12.83		103	Blend	Bag
Statistical Analysis for Grade : 26-02-12								
Number of Samples This Grade : 5								
Average Analysis :		27.09	2.09	12.39		104.0		
CV, %		2.06	2.31	2.74				
26-03-12	90018+	26.09	3.18	12.57		102	Blend	Bag
26-03-12	90020+	26.17	2.84	12.52		101	Blend	Bag
26-03-12	90028+	26.37	2.83	12.59		101	Blend	Bag
26-03-12	90087+	26.96	2.75	11.66		101	Blend	Bag
26-03-12	90098+	27.22	2.83	11.25		101	Blend	Bag
26-03-12	90292+	26.60	3.25	12.37		103	Blend	Bag
26-03-12	90375+	25.73	2.88	13.22		101	Blend	Bag
Statistical Analysis for Grade : 26-03-12								
Number of Samples This Grade : 7								
Average Analysis :		26.45	2.94	12.31		101.5		
CV, %		1.96	6.63	5.31				
27-03-12	90452+	26.84	2.97	12.74		101	Blend	Bag
28-00-03	91008	27.71	0.00	3.43		100	Blend	Bag
28-00-03	91573	28.77	0.00	3.20		103	Blend	Bag
28-00-03	91972	29.22	0.00	3.48		105	Blend	Bag
28-00-08	90021	28.04	0.00	9.25		102	Blend	Bag
28-00-08	90031	28.25	0.00	8.33		101	Blend	Bag
28-00-08	90033	28.02	0.00	8.42		101	Blend	Bag
28-00-08	90062	28.18	0.00	9.40		103	Blend	Bag
28-00-08	91375	28.88	0.00	8.57		104	Mnfr	Bag
28-00-08	92084	27.71	0.00	8.31		100	Blend	Bag
Statistical Analysis for Grade : 28-00-08								
Number of Samples This Grade : 6								
Average Analysis :		28.18	0.00	8.71		101.9		
CV, %		1.38	0	5.57				
28-01-04	92071+	29.05	0.99	4.21		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
THE SCOTTS CO. MARYSVILLE OH 43041								
28-01-04	92078+	28.62	1.04	4.47		103	Blend	Bag
28-01-04	92185+	28.03	1.33	4.20		102	Blend	Bag
28-02-03	90080+	28.95	1.91	2.78		102	Blend	Bag
28-02-03	91456+	28.92	2.10	3.43		104	Blend	Bag
28-02-03	91570+	29.52	2.17	3.77		107	Blend	Bag
28-02-03	91657+	28.49	2.05	3.41		103	Blend	Bag
28-03-03	91376+	29.92	2.80	2.88		105	Mnfr	Bag
29-00-04	90801	31.49	0.00	3.30 *		105	Mnfr	Bag
29-00-04	90856	29.32	0.00	3.65		100	Blend	Bag
29-00-04	91969	29.48	0.00	4.21		102	Blend	Bag
29-00-04	91973	29.43	0.00	4.08		102	Blend	Bag
29-02-04	90032+	28.87	2.05	4.05		100	Blend	Bag
29-02-04	90079+	29.86	2.00	4.11		103	Blend	Bag
29-02-04	90171+	30.62	2.04	4.06		105	Blend	Bag
29-02-04	90258+	29.80	2.15	4.35		104	Blend	Bag
29-02-04	90376+	29.54	2.26	4.05		103	Blend	Bag
29-02-04	91096+	29.36	2.17	4.18		102	Mnfr	Bag
Statistical Analysis for Grade : 29-02-04								
Number of Samples This Grade : 6								
Average Analysis :		29.68	2.11	4.13		102.7		
CV, %		1.97	4.65	2.84				
30-00-04	90858	30.16	0.00	5.02		103	Blend	Bag
30-00-04	90945+	30.93	0.00	4.42		104	Blend	Bag
30-00-04	90954	30.14	0.00	3.96		100	Mat	Bag
30-00-04	90965	30.49	0.00	4.67		103	Blend	Bag
30-00-04	91009	30.31	0.00	4.00		101	Blend	Bag
30-00-04	91011+	30.96	0.00	4.03		103	Blend	Bag
30-00-04	91022+	30.53	0.00	3.90		101	Blend	Bag
30-00-04	91459+	31.17	0.00	3.86		103	Blend	Bag
30-00-04	91572	31.11	0.00	3.92		103	Blend	Bag
30-00-04	91661	30.72	0.00	4.01		102	Blend	Bag
30-00-04	91965+	30.76	0.00	4.35		103	Blend	Bag
Statistical Analysis for Grade : 30-00-04								
Number of Samples This Grade : 11								
Average Analysis :		30.66	0.00	4.19		102.5		
CV, %		1.19	0	8.95				
32-00-04	90944+	32.31	0.00	4.45		102	Blend	Bag
32-00-04	91277+	33.02	0.00	4.20		103	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.03	107.03	108.32				
ALL SAMPLES,CV %		4.07	9.36	9.31				
NUMBER OF ANALYSIS		97	70	97				
Deficiency Rate = 1.03 %								
-----								
THOMAS CAYCE FARM SUPPY, LLC PRINCETON KY 42445								
00-00-60	90072	0.00	0.00	60.92		102	Mat	Bulk
09-23-30	90204	8.97	23.17	29.28		100	CM	Bulk



TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
THOMAS CAYCE FARM SUPPLY, LLC PRINCETON KY 42445								
10-25-26	90205	10.19	26.34	25.84		101	CM	Bulk
10-25-26	90206	10.23	26.89	25.16		101	CM	Bulk
10-25-26	90207	10.08	26.69	25.44		101	CM	Bulk
10-26-26	90565	9.86	25.54	27.47		100	CM	Bulk
11-29-20	90194	11.77	30.41	21.42		102	CM	Bulk
11-29-20	90195	11.50	29.57	22.04		100	CM	Bulk
11-29-20	90196	11.76	29.95	22.26		101	CM	Bulk
11-30-20	90567	11.49	30.32	21.33		101	CM	Bulk
11-30-20	90568	11.51	30.33	21.53		101	CM	Bulk
12-33-16	90566	12.57	33.20	17.39		100	CM	Bulk
18-46-00	90071	17.51	45.28	0.00		98	Mat	Bulk
28-00-00	90486	27.76	0.00	0.00		99	Mat	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.74	100.53	101.87				
ALL SAMPLES,CV %		1.49	1.63	3.4				
NUMBER OF ANALYSIS		13	12	12				
Deficiency Rate = 0.00 %								
TIGER-SUL PRODUCTS, LLC ATMORE AL 36504								
00-00-00	90238+	0.00	0.00	0.00			Mat	Bulk
00-00-00	90601+	0.00	0.00	0.00			Mat	Bulk
00-00-00	90864+	0.00	0.00	0.00			Mnfr	Bag
00-00-00	90985+	0.00	0.00	0.00			Mat	Bag
00-00-00	91060+	0.00	0.00	0.00			Mat	Bag
00-00-00	91123+	0.00	0.00	0.00			Mat	Bag
00-00-00	91124+	0.00	0.00	0.00			Mat	Bag
00-00-00	91162+	0.00	0.00	0.00			Mat	Bag
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade : 8								
Average Analysis :		0.00	0.00	0.00		0.0		
CV, %		0	0	0				
TRANSAMMONIA INC TAMPA FL 33607								
18-46-00	90725	18.17	46.13	0.00		100	Mat	Bulk
18-46-00	90726	18.14	46.14	0.00		100	Mat	Bulk
18-46-00	90727	18.31	46.45	0.00		101	Mat	Bulk
18-46-00	90728	18.13	45.95	0.00		100	Mat	Bulk
18-46-00	90729	18.10	45.73	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 5								
Average Analysis :		18.17	46.08	0.00		100.4		
CV, %		0.45	0.58	0				
28-00-00	92161	27.80	0.00	0.00		99	Mat	Liq
TRI COUNTY FERT. RICHMOND KY 40475-2014								
05-11-16	92427	4.85 *	9.84 *	16.92		95 *	CM	Bulk
11-03-19	92425	12.05	3.54	20.83		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
TRI COUNTY FERT. RICHMOND KY 40475-2014								
11-03-19	92426	11.78	3.66	22.73	*	109	CM	Bulk
21-10-22	92422+	21.17	9.40	24.01		103	CM	Bulk
23-09-11	92424	22.62	9.54	14.61	*	111	CM	Bulk
24-12-15	92423+	24.60	12.19	17.15		104	CM	Bulk
26-00-24	92421	27.55	0.00	28.01		107	CM	Bulk
-----								
TRIMBLE CO FARM MILTON KY 40045								
26-00-21	92554	26.98	0.00	20.05 *		97	CM	Bulk
41-07-00	92555	41.03	7.89	0.00		100	CM	Bulk
-----								
TURFGRASS, INC. NOVI MI 48377-2446								
24-04-12	91845+	23.60	2.80 *	10.93 *		93 *	Blend	Bag
-----								
U.S. BORAX INC. ENGLEWOOD CA 80155								
00-00-00	91052+	0.00	0.00	0.00			Mat	Bag
00-00-00	91595+	0.00	0.00	0.00			Mat	Bag
-----								
VALLEY FERTILIZER SVC. EDMONTON KY 42129								
05-12-27	91914	6.10	12.82	28.09		102	CM	Bulk
05-13-42	91903	6.04	13.39	41.94		100	CM	Bulk
17-17-17	91901	18.71	18.27	16.64		101	CM	Bulk
17-17-17	91913	17.42	18.03	18.24		101	CM	Bulk
19-19-19	91433	19.43	19.69	19.24		100	CM	Bulk
19-19-19	91611	19.31	20.83	18.70		101	CM	Bulk
19-19-19	91612	20.70	19.28	18.94		101	CM	Bulk
19-19-19	91902	20.64	20.10	18.06		101	CM	Bulk
19-19-19	91912	19.16	19.82	19.46		103	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.85	19.94	18.88		101.4		
CV, %		3.81	2.89	2.87				
21-14-14	91610	22.07	13.99	14.48		102	CM	Bulk
-----								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.83	101.82	99.34				
ALL SAMPLES,CV %		7.41	2.63	3.3				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
-----								
VOLUNTARY PURCHASING BONHAM TX 75418								
07-08-05	90953	5.79 *	8.79	4.48 *		96 *	Blend	Bag
08-10-08	90952	8.52	13.24	7.58		113	Blend	Bag
-----								
WARNER FERT CO. (ALBA) ALBANY KY 42602								
20-00-24	91287	21.42	0.00	23.39		101	CM	Bulk
21-14-13	91288	22.15	13.67	14.10		101	CM	Bulk
23-09-12	91290	24.18	8.78	11.64		98	CM	Bulk
23-11-11	91289	23.86	11.80	12.10		102	CM	Bulk
27-13-13	91282	27.63	13.51	13.55		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (ALBA)		ALBANY KY 42602						
27-13-13	91285	27.95	13.80	13.69		105	CM	Bulk
27-13-13	91286	26.61	14.65	14.26		105	CM	Bulk
28-06-06	91281	29.63	6.06	6.31		103	CM	Bulk
35-07-07	91284	36.37	8.07	7.69		102	CM	Bulk
37-14-00	91283	38.42	14.39	0.00		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.05	101.02	101.59				
ALL SAMPLES,CV %		2	6.08	4.84				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 0.00 %								
-----								
WARNER FERT CO. (COLU)		COLUMBIA KY 42728						
23-16-15	91606	20.79 *	20.07	17.28		104	CM	Bulk
25-11-17	91609	26.61	11.81	16.89		101	CM	Bulk
27-00-24	91607	28.03	0.00	23.90		101	CM	Bulk
27-13-13	91608	28.30	13.28	13.65		101	CM	Bulk
-----								
WARNER FERT CO. (LIBE)		LIBERTY KY 42539						
19-19-19	91760	17.67	19.87	20.70		102	CM	Bulk
19-19-19	91762	18.13	19.35	20.43		102	CM	Bulk
19-19-19	91763	18.72	20.34	19.48		103	CM	Bulk
19-19-19	91764	18.57	19.19	20.70		103	CM	Bulk
27-13-13	91759	27.74	12.08	15.77		105	CM	Bulk
-----								
WARNER FERT CO. (MONT)		MONTICELLO KY 42633						
10-08-12	92539	10.37	7.45	12.59		100	CM	Bulk
-----								
WARNER FERT CO. (NAN)		NANCY KY 42544						
22-10-15	91206	23.10	8.97 *	14.82		100	CM	Bulk
22-10-15	91208	23.88	8.84 *	14.84		101	CM	Bulk
28-11-15	91207	27.90	10.80	15.66		101	CM	Bulk
-----								
WARNER FERT CO. (RUSS)		RUSSELL SPRINGS KY 42642						
06-25-26	91754	6.14	24.48	27.89		100	CM	Bulk
17-17-17	91756	18.91	18.45	16.41 *		101	CM	Bulk
19-19-19	91751	19.76	20.34	18.94		104	CM	Bulk
22-10-15	91758	22.49	9.51	15.21		100	CM	Bulk
25-11-17	91753	25.46	12.30	18.79		104	CM	Bulk
25-11-17	91755	25.85	11.46	17.97		101	CM	Bulk
25-11-17	91757	26.36	11.34	18.72		103	CM	Bulk
27-13-13	91752	28.49	14.16	12.78		102	CM	Bulk
-----								
WARNER FERT CO. (SOM)		SOMERSET KY 42502						
00-00-00	90639+	0.00	0.00	0.00			Mat	Bulk
00-00-50	90641	0.00	0.00	50.82		102	Mat	Bulk
00-00-60	90623	0.00	0.00	59.49		99	Mat	Bulk
00-00-60	90627	0.00	0.00	59.75		100	Mat	Bulk
00-00-60	90642	0.00	0.00	59.47		99	Mat	Bulk
00-00-60	90661	0.00	0.00	60.17		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	90693	0.00	0.00	60.04		100	Mat	Bulk
00-00-60	90701	0.00	0.00	61.48		102	Mat	Bulk
00-00-60	90717	0.00	0.00	59.70		100	Mat	Bulk
00-00-60	90749	0.00	0.00	60.76		101	Mat	Bulk
00-00-60	90763	0.00	0.00	60.90		102	Mat	Bulk
00-00-60	90784	0.00	0.00	61.87		103	Mat	Bulk
00-00-60	90805	0.00	0.00	60.83		101	Mat	Bulk
00-00-60	90880	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	91033	0.00	0.00	60.19		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 13								
Average Analysis :		0.00	0.00	60.42		100.7		
CV, %		0	0	1.25				
00-46-00	90662	0.00	43.86 *	0.00		95 *	Mat	Bulk
00-46-00	90806	0.00	45.66	0.00		99	Mat	Bulk
05-10-10	90719	6.88	10.16	10.36		109	Mat	Bag
05-10-10	91324	4.88	9.46	9.56		96 *	Blend	Bag
05-10-15	91050	4.72	9.21	14.67		96 *	Blend	Bag
05-10-15	92215	5.48	11.07	15.71		107	Blend	Bag
05-20-20	91041	7.58	19.66	19.21		103	Blend	Bag
05-20-20	91641	7.75	20.25	19.95		106	Blend	Bag
05-20-20	92216	6.40	20.37	19.97		104	Blend	Bag
06-12-12	90934	6.60	12.80	12.23		105	Blend	Bag
06-12-12	91323	5.54	10.25 *	11.35		90 *	Blend	Bag
06-12-12	91474	7.21	12.80	11.16		104	Blend	Bag
06-12-12	91533	5.42 *	11.15	10.28 *		90 *	Blend	Bag
09-18-27	91645	9.35	18.10	25.31 *		97 *	Blend	Bag
10-10-10	90583	10.55	8.88 *	9.07 *		95 *	Blend	Bag
10-10-10	90589	10.23	10.04	10.44		102	Blend	Bag
10-10-10	90659	9.63	10.20	10.41		101	Blend	Bag
10-10-10	90720	10.26	9.46	9.51		97	Mat	Bag
10-10-10	90753	10.10	9.85	10.10		100	Blend	Bag
10-10-10	90809	10.79	9.06 *	7.83 *		92 *	Blend	Bag
10-10-10	90932	10.68	9.23	8.91 *		96 *	Blend	Bag
10-10-10	90961	10.43	10.89	10.53		106	Blend	Bag
10-10-10	90971	10.35	8.67 *	9.00 *		93 *	Blend	Bag
10-10-10	91046	10.70	9.32	9.40		98	Blend	Bag
10-10-10	91049	9.66	10.28	8.78 *		96 *	Blend	Bag
10-10-10	91057	9.59	9.77	10.58		100	Blend	Bag
10-10-10	91322	8.93 *	9.02 *	9.26		91 *	Blend	Bag
10-10-10	91379	11.24	12.99	9.77		114	Blend	Bag
10-10-10	91436	10.18	10.22	8.84 *		98	Blend	Bag
10-10-10	91472	10.59	10.52	10.07		104	Blend	Bag
10-10-10	91532	9.84	9.32	10.00		97	Blend	Bag
10-10-10	91593	10.02	10.74	10.93		106	Blend	Bag
10-10-10	91779	9.63	10.17	10.91		102	Blend	Bag
10-10-10	92087	9.28	10.50	11.44		104	Blend	Bag
10-10-10	92214	9.86	10.33	10.30		102	Blend	Bag
10-10-10	92217	9.02 *	10.64	10.86		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (SOM) SOMERSET KY 42502								
10-10-10	92560	10.58	11.47	11.47		112	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 23								
Average Analysis :		10.09	10.07	9.93		100.3		
CV, %		5.82	9.54	9.47				
12-24-24	90935	11.91	24.89	23.21		100	Blend	Bag
15-15-15	90591	13.48 *	15.00	14.00		95 *	Blend	Bag
15-15-15	90960	14.49	15.32	14.46		98	Blend	Bag
15-15-15	91040	12.94 *	15.35	14.01		94 *	Blend	Bag
15-15-15	91435	14.92	16.12	14.87		102	Blend	Bag
15-15-15	91594	14.19	14.71	14.70		97 *	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade : 5								
Average Analysis :		14.00	15.30	14.41		97.2		
CV, %		5.67	3.46	2.75				
18-46-00	90624	18.31	45.74	0.00		100	Mat	Bulk
18-46-00	90626	18.03	45.79	0.00		100	Mat	Bulk
18-46-00	90637	18.12	46.02	0.00		100	Mat	Bulk
18-46-00	90663	17.85	45.76	0.00		99	Mat	Bulk
18-46-00	90694	17.98	45.28	0.00		99	Mat	Bulk
18-46-00	90704	17.94	45.24	0.00		99	Mat	Bulk
18-46-00	90716	17.90	45.94	0.00		100	Mat	Bulk
18-46-00	90751	17.78	45.85	0.00		99	Mat	Bulk
18-46-00	90764	18.11	46.08	0.00		100	Mat	Bulk
18-46-00	90785	18.19	45.40	0.00		99	Mat	Bulk
18-46-00	90804	18.00	45.65	0.00		99	Mat	Bulk
18-46-00	90879	18.13	46.45	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 12								
Average Analysis :		18.03	45.77	0.00		99.7		
CV, %		0.84	0.76	0				
19-19-19	90582	18.20	18.93	19.98		100	Blend	Bag
19-19-19	90590	17.72	18.38	20.40		99	Blend	Bag
19-19-19	90660	19.26	19.02	18.13		99	Blend	Bag
19-19-19	90754	18.95	19.31	18.65		100	Blend	Bag
19-19-19	90808	19.17	19.44	18.52		100	Blend	Bag
19-19-19	90933	18.87	19.59	18.80		101	Blend	Bag
19-19-19	91039	19.30	19.33	19.37		102	Blend	Bag
19-19-19	91051	18.91	20.85	18.28		102	Blend	Bag
19-19-19	91321	18.62	19.15	19.96		101	Blend	Bag
19-19-19	91434	19.24	19.73	19.28		102	Blend	Bag
19-19-19	91473	18.83	19.62	18.06		99	Blend	Bag
19-19-19	91531	18.80	20.18	19.64		103	Blend	Bag
19-19-19	91780	19.12	20.51	18.62		102	Blend	Bag
19-19-19	92088	18.36	19.49	19.56		101	Blend	Bag
19-19-19	92559	18.99	20.63	17.91		101	Blend	Bag
19-19-19	92574	18.48	19.64	20.18		102	Blend	Bag

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 : 16								
Average Analysis :		18.80	19.61	19.08		100.9		
CV, %		2.31	3.35	4.27				
21-00-00	91032+	20.78	0.00	0.00		99	Mat	Bulk
34-00-00	90628	34.47	0.00	0.00		101	Mat	Bulk
34-00-00	90640	34.48	0.00	0.00		101	Mat	Bulk
34-00-00	90665	34.33	0.00	0.00		101	Mat	Bulk
34-00-00	90695	34.44	0.00	0.00		101	Mat	Bulk
34-00-00	90703	34.50	0.00	0.00		101	Mat	Bulk
34-00-00	90718	33.99	0.00	0.00		100	Mat	Bulk
34-00-00	90750	33.92	0.00	0.00		100	Mat	Bulk
34-00-00	90765	34.50	0.00	0.00		101	Mat	Bulk
34-00-00	90782	34.05	0.00	0.00		100	Mat	Bulk
34-00-00	90807	33.79	0.00	0.00		99	Mat	Bulk
34-00-00	91038	34.29	0.00	0.00		101	Mnfr	Bag
34-00-00	91437	34.91	0.00	0.00		103	Mnfr	Bag
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 12								
Average Analysis :		34.31	0.00	0.00		100.9		
CV, %		0.92	0	0				
46-00-00	90622	45.93	0.00	0.00		100	Mat	Bulk
46-00-00	90625	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	90638	46.10	0.00	0.00		100	Mat	Bulk
46-00-00	90664	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	90692	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	90702	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	90715	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	90752	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	90766	46.27	0.00	0.00		101	Mat	Bulk
46-00-00	90783	45.86	0.00	0.00		100	Mnfr	Bulk
46-00-00	90803	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	90878	46.04	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 12								
Average Analysis :		46.06	0.00	0.00		100.1		
CV, %		0.26	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.85	100.87	99.22				
ALL SAMPLES,CV %		9.97	6.5	6.31				
NUMBER OF ANALYSIS		94	71	71				
Deficiency Rate = 16.22 %								
-----								
WARNER FERT CO. (STANF) STANFORD KY 40484								
17-17-17	92467	17.59	15.82 *	21.07		104	CM	Bulk
19-19-19	91643	19.78	19.03	18.09		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WARNER FERT CO. (STANF)		STANFORD KY 40484						
19-19-19	91644	19.54	20.25	19.68		104	CM	Bulk
22-10-10	92465	22.32	10.35	10.14		101	CM	Bulk
22-10-10	92466	21.78	10.13	9.89		98	CM	Bulk
-----								
WARNER FERT CO. (TOMPK)		TOMPKINSVILLE KY 42167						
08-22-28	91045	9.50	23.17	28.54		102	CM	Bulk
18-18-17	91047	19.31	20.86	16.23 *		104	CM	Bulk
19-19-19	91042	18.70	19.40	19.98		100	CM	Bulk
23-00-14	91036	23.70	0.00	15.56		103	CM	Bulk
26-13-13	91035	25.86	13.69	15.08		104	CM	Bulk
27-13-13	91034	27.84	15.07	13.78		104	CM	Bulk
27-13-13	91037	26.52	14.33	14.12		101	CM	Bulk
27-13-13	91043	27.33	13.28	13.41		99	CM	Bulk
27-13-13	91044	27.15	14.13	14.15		102	CM	Bulk
37-05-05	91048	37.17	5.09	7.62		105	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.91	104.23	107.34				
ALL SAMPLES,CV %		4.07	5.33	15.33				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 10.00 %								
-----								
WINFIELD SOLUTIONS LLC		ST. PAUL MN 55164						
10-10-10	90891	9.27	9.44	10.19		97	Mnfr	Bag
13-00-13	90768	11.10 *	0.00	13.00		94 *	Blend	Bag
13-00-13	90892	13.01	0.00	13.14		101	Mnfr	Bag
13-00-13	90924	13.18	0.00	9.78 *		85 *	Blend	Bag
13-00-13	91507	14.55	0.00	14.34		111	Blend	Bag
13-00-13	91590	11.31 *	0.00	16.83		108	Blend	Bag
13-00-13	92013	12.14	0.00	12.70		96 *	Blend	Bag
Statistical Analysis for Grade : 13-00-13								
Number of Samples This Grade : 6								
Average Analysis :		12.55	0.00	13.30		99.2		
CV, %		10.35	0	17.28				
16-06-16	90923	15.03	4.84 *	16.57		97	Blend	Bag
16-06-16	91506	15.14	6.14	15.73		97	Blend	Bag
16-06-16	91589	16.52	6.18	16.27		103	Blend	Bag
16-06-16	91804	15.68	5.85	16.17		99	Blend	Bag
16-06-16	92012	15.71	5.65	16.30		99	Blend	Bag
Statistical Analysis for Grade : 16-06-16								
Number of Samples This Grade : 5								
Average Analysis :		15.62	5.73	16.21		99.1		
CV, %		3.79	9.49	1.88				
28-00-04	90767+	28.57	0.00	3.97		102	Blend	Bag
28-00-04	90922+	26.95	0.00	4.18		98	Blend	Bag
28-00-04	91406+	27.38	0.00	3.83		97	Blend	Bag
28-00-04	91805+	28.50	0.00	4.18		102	Blend	Bag
28-00-04	92014	26.73	0.00	4.34		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
-----								
WINFIELD SOLUTIONS LLC ST. PAUL MN 55164								
Statistical Analysis for Grade : 28-00-04								
Number of Samples This Grade : 5								
Average Analysis :		27.63	0.00	4.10		99.4		
CV, %		3.12	0	4.88				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.24	95.34	102.04				
ALL SAMPLES,CV %		6.43	8.52	10.05				
NUMBER OF ANALYSIS		17	6	17				
Deficiency Rate = 29.41 %								
-----								
WINSTON WEAVER CO, INC WINSTON-SALEM NC 27116-7366								
10-10-10	90854	9.77	12.44	9.85		107	Blend	Bag
10-10-10	90955	9.01 *	8.18 *	10.65		92 *	Blend	Bag
10-10-10	90963	10.87	12.28	8.69 *		107	Mnfr	Bag
10-10-10	91010	9.33	8.11 *	9.78		90 *	Blend	Bag
10-10-10	91094	10.65	11.36	10.09		107	Blend	Bag
10-10-10	91374	12.50	13.60	9.35		119	Blend	Bag
10-10-10	91451	9.29	8.89 *	9.46		92 *	Blend	Bag
10-10-10	91452	10.75	11.42	9.87		107	Blend	Bag
10-10-10	91509	8.47 *	8.23 *	8.50 *		84 *	Blend	Bag
10-10-10	91578	8.83 *	8.75 *	8.30 *		86 *	Blend	Bag
10-10-10	91660	7.98 *	6.79 *	9.32		80 *	Blend	Bag
10-10-10	91975	10.68	10.28	8.48 *		98	Blend	Bag
10-10-10	91976	8.57 *	8.36 *	8.71 *		85 *	Blend	Bag
10-10-10	92070	7.44 *	9.27	9.66		88 *	Blend	Bag
10-10-10	92074	9.87	9.14	10.47		98	Blend	Bag
10-10-10	92080	5.73 *	5.99 *	7.31 *		63 *	Blend	Bag
10-10-10	92184	9.35	9.15	9.04 *		92 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 17								
Average Analysis :		9.36	9.54	9.27		93.9		
CV, %		16.59	21.67	9.31				
17-17-17	90962	12.77 *	12.96 *	16.85		83 *	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		92.54	94.36	93.01				
ALL SAMPLES,CV %		16.94	21.79	9.14				
NUMBER OF ANALYSIS		18	18	18				
Deficiency Rate = 72.22 %								
-----								
WOODFORD FEED CO. VERSAILLES KY 40383								
00-00-60	90968	0.00	0.00	60.97		102	Mat	Bulk
18-46-00	90969	17.97	44.92	0.00		98	Mat	Bulk
34-00-00	90967	34.28	0.00	0.00		101	Mat	Bulk



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 %
A.H. HOFFMAN		LANCASTER	NY		
	90446	04-12-00	WIN	03.44	05.37
ADVANCED TURF SOLUTIONS, INC		FISHERS	IN		
	91838	22-00-05	Fe	03.00	03.17
	91839	25-00-05	Fe	01.00	01.07
AGRIENERGY RESOURCES		PRINCETON	IL		
	92396	00-00-00	Ca	05.00	05.46
	92395	00-00-04	SO4	02.00	01.92
	92391	02-00-01	B	00.15	00.21
	92394	02-10-10	SO4	02.00	03.13
			B	00.04	00.07
	92390	05-00-00	Ca	07.00	07.73
			B	00.04	00.06
AGRILIANCE, LLC/WINFIELD SOLUT		ST. PAUL	MN		
	92047	28-03-04	Fe	02.00	01.97
AGRIUM ADVANCED TECHNOLOGIES U		REESE	MI		
	91141	00-00-00	SO4	07.00	11.04
			Zn	36.00	37.17
	91164	00-00-00	SO4	07.00	11.23
			Zn	36.00	35.26
	92553	00-00-00	SO4	01.50	03.31
			B	10.00	09.20
AGRIUM U.S. INC. (DENV)		DENVER	CO		
	90504	05-08-21	Fe	00.10	00.39
			Zn	01.40	01.61
			Mg	01.00	01.35
			SO4	10.00	10.33
			B	00.35	00.30
	90150	44-00-00	CSRN	40.00	44.61
	90166	44-00-00	CSRN	40.00	44.44
	90182	44-00-00	CSRN	40.00	44.88
AGRO CULTURE LIQUID FERT.		ST. JOHNS	MI		
	91564	05-13-04	Fe	00.05	00.14
	91565	05-13-04	Fe	00.05	00.13
	91566	08-22-02	Cu	00.01	00.01
			Fe	00.12	00.18
			Mn	00.06	00.04*
			Zn	00.13	00.09*

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AGRO DISTRIBUTION, LLC		HARDINSBURG	KY		
	92181	15-18-23	B	00.59	00.46*
ALLEN COUNTY FARMERS SERVICE		SCOTTSVILLE	KY		
	90863	21-25-11	Fe	00.05	00.63
	90872	24-15-12	Fe	00.03	00.40
	90859	25-16-12	Fe	00.03	00.42
	90866	25-16-12	Fe	00.04	00.44
	90869	25-16-12	Fe	00.04	00.43
	90871	26-13-13	B	00.05	00.05
			Fe	00.03	00.32
ALLENSVILLE CROP SVC.		ALLENSVILLE	KY		
	92021	13-33-14	Mg	00.24	00.75
			B	00.01	00.05
			Cu	00.01	00.03
			Zn	00.71	00.78
	92022	13-33-14	Mg	00.24	00.77
			B	00.01	00.04
			Cu	00.01	00.02
			Zn	00.71	00.97
C & F FARM SUPPLY, INC.		HISEVILLE	KY		
	90830	03-09-45	B	00.45	00.38
CAMERON CHEMICALS, INC.		PORTSMOUTH	VA		
	90731	00-00-00	Mg	14.00	13.94
			SO4	05.00	04.57
			B	01.00	01.47
			Zn	05.00	07.71
	92039	00-00-00	Mg	14.00	14.76
			SO4	05.00	03.29*
			B	01.00	01.30
			Zn	05.00	06.46
	92042	00-00-00	SO4	09.00	04.16*
			Zn	36.00	39.46
	92061	00-00-00	SO4	05.00	06.13
			B	01.00	00.89
			Cu	01.00	01.88
			Mn	05.00	06.18
			Zn	20.00	21.05
	92066	00-00-00	SO4	05.00	04.24*
			B	01.00	00.94
			Cu	01.00	01.62
			Mn	01.00	05.46
			Zn	20.00	24.66

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CHEMSICO, DIV OF UNITED INDUST		ST. LOUIS	MO		
	90294	10-15-10	Fe	00.10	00.10
			Mn	00.05	00.04
			Zn	00.05	00.05
	91497	19-06-12	SO4	04.50	04.60
			CSRN	17.10	19.35
			CSRP	05.40	06.96
			CSRK	10.80	12.34
	90966	24-08-16	WIN	02.70	02.67
			Cu	00.07	00.08
			Fe	00.15	00.17
			Mo	00.0005	00.0005
			Zn	00.06	00.10
	91445	24-08-16	WIN	02.70	03.20
	91579	29-03-04	Fe	01.00	00.78*
	91803	29-03-04	Fe	01.00	01.02
CROP PRODUCTION SVC INC (CLA)		CLAY	KY		
	92211	07-19-28	Mg	01.75	02.38
			B	00.12	00.13
			Zn	00.62	01.23
	92208	08-19-25	Mg	02.33	02.90
			B	00.17	00.15
			Zn	00.83	01.34
	92209	08-19-25	Mg	02.33	02.76
			B	00.17	00.17
			Zn	00.83	01.46
CROP PRODUCTION SVC INC (FANC)		FANCY FARM	KY		
	90577	24-11-14	SO4	02.89	03.81
	90578	24-11-14	SO4	02.89	03.52
CROP PRODUCTION SVC INC (GAL)		GALESBURG	IL		
	90557	00-00-22	Mg	11.00	12.24
			SO4	22.00	22.75
	90558	21-00-00	SO4	24.00	24.31
	90528	44-00-00	CSRN	40.00	44.10
	90571	44-00-00	CSRN	40.00	43.78
	90690	44-00-00	CSRN	40.00	44.00
CROP PRODUCTION SVC INC (HOR)		HORSECAVE	KY		
	91801	04-12-33	B	00.28	00.23
CROP PRODUCTION SVC INC (PEM)		PEMBROKE	KY		
	91877	33-09-03	Mg	01.70	01.73
			SO4	03.41	03.54

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC INC (PEM)		PEMBROKE	KY		
	91878	37-09-00	Zn	01.00	01.19
CROP PRODUCTION SVC INC (RUS)		RUSSELLVILLE	KY		
	91526	10-26-14	Mg	02.22	02.62
			B	00.13	00.21
			Zn	00.63	01.06
CROP PRODUCTION SVC INC (SED)		SEDALIA	KY		
	91904	07-19-28	Mg	01.57	01.90
			SO4	03.00	04.27
	91905	07-19-28	Mg	01.57	01.92
			SO4	03.00	04.30
DRAMM CORPORATION		MANITOWOC	WI		
	92393	02-05-00	WIN	00.30	00.17
EASY GARDNER		WACO	TX		
	91371	02-07-04	WIN	01.20	02.51
	91273	03-05-06	WIN	01.80	03.36
	91370	04-04-01	WIN	02.40	04.22
	91453	04-04-04	WIN	02.40	04.26
	90457	13-04-05	WIN	07.00	06.95
ELKTON CROP SVC.		GUTHRIE	KY		
	92023	11-10-15	Mg	00.28	01.15
			B	00.01	00.02
			Cu	00.01	00.02
			Zn	00.83	00.76
	92397	15-09-14	Mg	00.25	01.02
			B	00.01	00.04
			Cu	00.01	00.04
			Zn	00.74	00.88
	92398	15-09-14	Mg	00.25	01.30
			B	00.01	00.04
			Cu	00.01	00.05
			Zn	00.74	00.86
ENVIRO-SAFE LABS, INC		SARASOTA	FL		
	91802	08-05-05	WIN	06.80	07.61
			Ca	01.00	06.77
	90473	10-02-08	Ca	01.80	02.75
	91086	10-02-08	Ca	01.80	02.47
			SO4	03.00	03.33
	92183	12-03-13	Mg	01.00	03.88
			SO4	01.00	08.83
			Fe	00.75	01.70
			Mn	00.55	00.75

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ENVIRO-SAFE LABS, INC		SARASOTA	FL		
	90132	16-02-14	Mg	02.00	03.56
			SO4	02.90	06.47
			Fe	00.47	01.10
			Mn	00.23	00.50
			Zn	00.05	00.07
			CSRN	16.00	15.73
			CSRP	02.00	01.97
			CSRK	14.00	14.84
	90456	16-02-14	Mg	02.41	03.23
			SO4	02.94	06.66
			Cu	00.05	00.03*
			Fe	00.47	00.70
			Mn	00.23	00.28
			Zn	00.05	00.04
	91087	16-02-14	Mg	02.41	03.16
			SO4	02.94	07.00
			Cu	00.05	00.03*
			Fe	00.47	00.53
			Mn	00.23	00.18*
			Zn	00.05	00.03*
ESPOMA CO.		MILLVILLE	NJ		
	90724	03-04-06	WIN	02.10	02.66
			Ca	05.00	04.03*
			Mg	01.00	01.61
			SO4	03.00	03.74
	90203	04-03-03	WIN	03.40	03.41
			Ca	04.00	05.48
			Mg	01.00	00.99
			SO4	02.00	01.54*
	90442	04-03-03	WIN	03.40	03.08
			Ca	04.00	05.17
			Mg	01.00	01.52
			SO4	02.00	02.51
	90455	04-03-03	WIN	03.40	03.21
			Ca	04.00	05.05
			Mg	01.00	01.48
			SO4	02.00	02.47
	90800	04-03-03	WIN	03.40	03.05
			Ca	04.00	05.38
			Mg	01.00	01.11
			SO4	02.00	01.70
	91585	04-03-04	WIN	02.50	02.64
			Ca	03.00	03.10
			Mg	01.00	01.22
	90252	04-06-04	WIN	01.55	01.38
	90483	04-06-04	WIN	01.55	01.29
			Ca	03.00	01.56*
			Mg	00.50	02.18
			B	00.02	00.01*
			Cu	00.05	00.04*
			Fe	01.00	01.20
			Mn	00.05	00.04
			Mo	00.0005	00.0011
			Zn	00.05	00.05

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ESPOMA CO.		MILLVILLE	NJ		
	90271	05-03-03	WIN	04.00	02.54*
			Mg	00.50	00.79
			SO4	01.00	01.94
			B	00.02	00.00*
			Cu	00.05	00.03*
			Fe	01.00	01.06
			Mn	00.05	00.03*
			Mo	00.0005	00.0011
			Zn	00.05	00.05
	90723	05-03-03	WIN	03.00	04.75
			Ca	03.00	03.83
			Mg	01.00	01.14
	91659	05-03-03	WIN	04.00	02.97*
			Ca	03.00	04.29
			Mg	00.50	00.84
			SO4	01.00	01.65
			B	00.02	00.01*
			Cu	00.05	00.03*
			Fe	01.00	00.91
			Mn	00.05	00.03*
			Mo	00.0005	00.0011
			Zn	00.05	00.05
	90888	06-06-04	WIN	02.30	01.93
			Ca	03.00	01.93*
	91667	06-06-04	WIN	02.30	01.91*
			Ca	03.00	01.83*
			Mg	00.50	01.95
			SO4	05.00	06.59
			B	00.02	00.01*
			Cu	00.05	00.02*
			Fe	01.00	00.95
			Mn	00.05	00.03*
			Mo	00.0005	00.0008
			Zn	00.05	00.03*
FARMERS FERTILIZER CO.(KELLY R		BOWLING GREEN	KY		
	90898	02-06-48	B	00.23	00.21
FARMERS FERTILIZER CO.(NASH. R		BOWLING GREEN	KY		
	91266	18-16-16	B	00.53	00.48
FLEMING CO FARM SUPP.		FLEMINGSBURG	KY		
	92365	04-04-04	SO4	02.98	03.50
	91957	06-06-06	SO4	04.78	05.82
	91959	10-10-10	SO4	07.43	08.01
FREE FLOW FERTILIZER CO.		MAUMEE	OH		
	91847	17-24-12	SO4	04.00	05.48

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
FREE FLOW FERTILIZER CO.		MAUMEE			
	91515	20-27-05	Cu	00.10	00.11
			Fe	01.00	01.54
			Mn	00.10	00.19
			Zn	00.10	00.21
	90211	22-04-18	WIN	07.60	07.02
			SO4	06.10	06.89
			Fe	01.00	00.90
	90143	24-03-12	Fe	01.00	01.30
FRIT INDUSTRIES		OZARK			
	91125	00-00-00	Zn	36.00	38.33
	92323	00-00-00	Zn	36.00	37.09
GREEN LIGHT		SAN ANTONIO			
	90040	12-55-06	Fe	00.10	00.12
	90200	12-55-06	Fe	00.10	00.11
GREENVIEW DIV- LEBANON SEABOAR		LEBANON			
	90169	10-16-20	Mg	01.00	01.80
			SO4	02.00	05.70
			Fe	01.00	01.83
			Mn	00.50	00.50
GRIFFIN INDUSTRIES INC.		COLD SPRING			
	90121	05-06-06	WIN	04.50	05.36
			Ca	07.00	06.99
			Mg	01.50	02.60
			SO4	04.00	05.21
	91558	05-06-06	WIN	04.50	05.42
			Ca	07.00	07.12
			Mg	01.50	02.79
	90115	08-03-05	WIN	07.20	08.23
			Ca	03.00	03.19
			Mg	02.20	02.61
			SO4	04.00	04.28
	90509	08-03-05	WIN	07.20	08.21
			Ca	03.00	06.19
	91560	08-03-05	WIN	07.20	07.29
			Ca	03.00	03.35
			Mg	02.20	02.46
	90118	08-05-05	WIN	06.80	07.51
			Ca	04.50	04.99
			SO4	01.00	02.44
	90511	08-05-05	WIN	06.80	07.58
			Ca	04.50	06.65
			SO4	01.00	01.96

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRIFFIN INDUSTRIES INC.		COLD SPRING	KY		
	91559	08-05-05	WIN	06.80	06.97
			Ca	04.50	06.13
	90512	09-03-07	WIN	08.10	08.99
	90116	10-02-08	WIN	09.00	09.72
			Ca	01.80	02.13
			SO4	03.00	03.86
	90510	10-02-08	WIN	09.00	09.71
			Ca	01.80	02.42
			SO4	03.00	02.98
	91557	10-02-08	WIN	09.00	09.75
			Ca	01.80	02.23
	90122	12-02-06	WIN	05.60	05.58
			Ca	02.00	02.33
			SO4	08.00	09.19
	90515	12-02-06	WIN	05.60	05.90
			Ca	02.00	03.15
			SO4	08.00	08.30
	90117	13-00-00	WIN	12.04	11.66
			SO4	01.25	01.71
	90513	13-00-00	WIN	12.04	12.81
	90592	13-00-00	WIN	12.04	11.31
			SO4	01.25	01.85
	90956	13-00-00	WIN	12.04	12.53
	91556	13-00-00	WIN	12.04	12.96
	90120	15-02-08	WIN	09.20	09.64
			Ca	02.00	02.29
			SO4	03.00	02.75
	90508	15-02-08	WIN	09.20	09.71
			Ca	02.00	02.25
			SO4	03.00	03.03
	90119	21-03-07	WIN	02.10	04.79
			Ca	04.20	03.64*
			SO4	02.00	01.97
	90514	21-03-07	WIN	02.10	04.18
			Ca	02.00	03.29
			SO4	02.00	02.57
GRIGG BROTHERS		ALBION	ID		
	91843	07-07-07	WIN	01.00	00.25*
			Ca	07.00	12.43
	91844	16-04-08	WIN	03.00	02.70
			Ca	06.00	05.52
			SO4	06.00	07.04
			Fe	03.00	02.90
			Mn	00.20	00.20
			Zn	00.10	00.17
GRO TEC INC.		MADISON	GA		
	91671	06-02-01	SO4	01.00	00.89
			Fe	01.00	00.86*
			Mn	00.20	00.24
			Mo	00.0500	00.0001*



TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRO TEC INC.		MADISON	GA		
	90044	12-10-10	SO4	09.00	09.72
			B	00.02	00.00*
			Fe	02.00	02.53
			Mn	00.10	00.01*
			Mo	00.0005	00.0005
			Zn	00.10	00.00*
	90141	12-10-10	SO4	09.00	09.39
			B	00.02	00.01*
			Fe	02.00	02.45
			Mn	00.10	00.02*
			Mo	00.0005	00.0005
			Zn	00.10	00.02*
	91085	12-10-10	SO4	09.00	09.69
			B	00.02	00.04
			Fe	02.00	02.27
			Mn	00.10	00.02*
			Mo	00.0005	00.0005
			Zn	00.10	00.01*
	90797	16-00-03	Fe	01.00	01.61
	90851	16-00-03	Fe	01.00	01.77
	90949	16-00-03	Fe	01.00	01.75
	91021	16-00-03	Fe	01.00	01.49
	91095	16-00-03	Fe	01.00	01.47
	91279	16-00-03	Fe	01.00	01.79
	91790	16-00-03	Fe	01.00	01.80
	91974	16-00-03	Fe	01.00	01.50
	90175	18-24-06	B	00.02	00.03
			Cu	00.05	00.07
			Fe	00.25	01.30
			Mn	00.10	00.19
			Mo	00.0005	00.0009
			Zn	00.10	00.33
	90246	18-24-06	B	00.02	00.04
			Cu	00.05	00.05
			Fe	00.25	01.75
			Mn	00.10	00.24
			Mo	00.0005	00.0007
			Zn	00.10	00.30
	90253	18-24-06	B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.25	01.18
			Mn	00.10	00.10
			Mo	00.0005	00.0009
			Zn	00.10	00.24
	90259	18-24-06	B	00.02	00.02
			Cu	00.05	00.02*
			Fe	00.25	00.90
			Mn	00.10	00.05*
			Mo	00.0005	00.0004
			Zn	00.10	00.12

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRO TEC INC.		MADISON	GA		
	90266	18-24-06	B	00.02	00.03
			Cu	00.05	00.04*
			Fe	00.25	01.39
			Mn	00.10	00.13
			Mo	00.0005	00.0009
			Zn	00.10	00.24
	90382	18-24-06	B	00.02	00.06
			Cu	00.05	00.07
			Fe	00.25	01.89
			Mn	00.10	00.18
			Mo	00.0005	00.0017
			Zn	00.10	00.50
	90453	18-24-06	B	00.02	00.02
			Cu	00.05	00.08
			Fe	00.25	01.75
			Mn	00.10	00.16
			Mo	00.0005	00.0011
			Zn	00.10	00.35
	90469	18-24-06	B	00.02	00.03
			Cu	00.05	00.02*
			Fe	00.25	01.56
			Mn	00.10	00.14
			Mo	00.0005	00.0010
			Zn	00.10	00.14
	91006	29-00-05	Fe	00.04	02.62
	91084	29-00-05	Fe	02.00	02.71
	91278	29-00-05	Fe	02.00	03.67
	91494	29-00-05	Fe	02.00	03.60
	91792	29-00-05	Fe	02.00	01.94
	91966	29-00-05	Fe	02.00	02.47
	92075	29-00-05	Fe	02.00	03.71
HELENA CHEMICAL CO.		HICKMAN	KY		
	92283	10-19-25	SO4	03.33	04.23
	92285	17-11-15	SO4	04.90	05.97
			Zn	00.82	00.10*
	92280	17-12-15	SO4	05.09	05.47
			Zn	00.05	00.07
	92281	17-12-15	SO4	05.09	05.39
			Zn	00.05	00.09
	92282	17-12-15	SO4	05.09	05.85
HONEYWELL		HOPEWELL	VA		
	90959	21-00-00	SO4	24.00	24.08
	91561	21-00-00	SO4	24.00	24.28
HOWARD JOHNSONS ENT., INC.		MILWAUKEE	WI		
	91514	23-03-08	Fe	00.70	00.73

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
HYDROLYSATE COMPANY OF AMERICA		ISOLA			MS
	90299	02-03-01	WIN	00.30	00.09
	91504	02-03-01	WIN	00.30	00.10
INSTA-GRO MANUFACTURING, INC.		CALEDONIA			OH
	91727	02-00-24	SO4	16.00	16.47
	91725	08-00-00	Ca	08.00	09.03
	91726	11-00-02	SO4	25.00	24.62
KNOX FERTILIZER CO., INC.		KNOX			IN
	90107	00-11-00	TP	23.00	24.17
LEBANON SEABOARD CORP		LEBANON			PA
	90216	13-25-12	SO4	05.70	07.24
			Fe	00.50	00.93
	90215	21-03-21	WIN	04.80	05.47
			SO4	06.90	07.65
			Fe	00.90	01.01
		Mn	00.70	00.41*	
LESCO INC.		CLEVELAND			OH
	90024	05-10-31	Fe	10.00	09.90
	90025	15-03-07	WIN	01.80	01.91
			Fe	02.50	02.69
	90054	18-24-12	SO4	02.15	02.26
	90168	20-01-05	WIN	01.80	02.07
			Fe	01.00	01.73
	90023	24-00-11	Fe	02.00	02.49
			Mn	01.00	00.93
	91569	24-00-11	Fe	02.00	01.79*
	91460	32-00-08	Fe	02.00	01.82
	91836	32-00-08	Fe	02.00	02.73
	90053	32-03-08	Fe	02.00	02.07
LILLY MILLER BRANDS		CLACKAMAS			OR
	90272	05-01-01	WIN	00.75	01.21
LILLY MILLER BRANDS		WALNUT CREEK			CA
	92010	04-10-10	WIN	01.70	02.11
			Ca	06.00	13.86
			B	00.02	00.03
			Fe	00.10	00.37
			Mn	00.05	00.11
			Mo	00.0005	00.0009
			Zn	00.05	00.10

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
LILLY MILLER BRANDS		WALNUT CREEK	CA		
	92083	04-10-10	WIN	01.70	01.07*
			Ca	06.00	13.49
			B	00.02	00.03
			Fe	00.10	00.36
			Mn	00.05	00.10
			Mo	00.0005	00.0011
			Zn	00.05	00.10
	92100	07-02-02	WIN	06.50	06.51
			Ca	03.00	04.31
			SO4	01.50	02.95
			Fe	00.50	01.05
	91576	10-05-04	WIN	02.40	01.45*
			B	00.02	00.02
			Fe	00.10	00.29
			Mn	00.05	00.19
			Mo	00.0005	00.0008
			Zn	00.05	00.08
	91967	10-10-10	WIN	01.70	01.36
			B	00.02	00.03
			Fe	00.10	00.33
			Mn	00.05	00.12
			Mo	00.0005	00.0010
			Zn	00.05	00.11
	92077	10-10-10	WIN	01.70	01.04*
			B	00.02	00.03
			Fe	00.10	00.31
			Mn	00.05	00.10
			Mo	00.0005	00.0094
			Zn	00.05	00.10
	92082	18-06-12	Mg	01.00	00.90
			SO4	06.00	06.21
			B	00.03	00.02
			Fe	00.33	00.37
			Mn	00.06	00.06
			Mo	00.0070	00.0072
			Zn	00.06	00.03*
			CSRN	16.20	19.98
			CSRP	05.40	05.46
			CSRK	10.80	12.49
LOVELAND PRODUCTS, INC.		GREELEY	CO		
	92196	00-00-02	B	00.02	00.06
			Mn	00.30	00.26*
			Zn	00.70	00.63
	92204	06-20-00	Zn	00.77	00.78
	92205	06-20-00	Zn	00.77	00.82
	92194	07-17-03	Cu	00.07	00.06
			Fe	00.20	00.28
			Mn	00.06	00.07
			Zn	00.95	01.06

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
LOVELAND PRODUCTS, INC.		GREELEY	CO		
	92195	07-17-03	Cu	00.07	00.06
			Fe	00.20	00.28
			Mn	00.06	00.07
			Zn	00.95	01.06
	92203	07-17-03	Cu	00.07	00.06
			Fe	00.20	00.27
			Mn	00.06	00.07
			Zn	00.95	01.06
	90917	16-00-02	B	00.02	00.02
			Cu	00.15	00.14
			Fe	00.15	00.14
			Mn	00.15	00.16
			Mo	00.0006	00.0013
			Zn	02.70	03.26
	92199	16-08-03	Cu	00.05	00.05
			Fe	00.10	00.19
			Mn	00.05	00.05
			Zn	00.05	00.12
MARTIN MARIETTA		MANISTEE	MI		
	90870	00-00-00	Mg	58.00	59.94
MAYSLICK MILL		MAYSLICK	KY		
	91857	00-00-57	B	00.61	00.55
	91859	04-00-21	B	00.48	00.41
MEIJER (GRAND)		GRAND RAPIDS	MI		
	90094	30-10-10	Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
MILES (OWENS) FARM SUPPLY		OWENSBORO	KY		
	92269	09-22-29	Mg	00.10	00.42
			B	00.04	00.04
			Fe	00.01	00.48
			Zn	00.14	00.16
	92270	09-22-29	Zn	00.14	00.17
	92273	18-16-19	Mg	00.06	00.42
			B	00.02	00.03
			Zn	00.10	00.09
MILES FARM CENTER (EKR)		EKRON	KY		
	91623	09-24-24	B	00.61	00.55

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MILES FARM CENTER (LEB)		LEBANON			
	91990	13-10-03	SO4	07.90	09.54
			B	00.17	00.13*
	91991	13-10-03	SO4	07.90	09.83
			B	00.17	00.17
	91996	13-10-03	SO4	07.91	09.37
			B	00.17	00.14*
	91997	13-10-03	SO4	07.91	09.36
			B	00.17	00.24
	91998	13-10-03	SO4	07.89	09.68
			B	00.19	00.19
MILES FARM CENTER (SHEL)		SHELBYVILLE			
	91550	00-10-30	B	01.00	00.54*
MILES FARM SUPPLY (OWEN)		OWENSBORO			
	90681	00-00-00	Mg	05.00	04.86
			B	00.25	00.22
			Cu	00.25	00.22
			Zn	15.00	17.27
	90315	00-45-00	TP	47.00	46.91
	90316	00-45-00	TP	47.00	47.22
	90397	00-45-00	TP	46.50	44.97
	90404	00-45-00	TP	47.00	47.17
MILES FARM SUPPLY (UPT)		UPTON			
	91024	02-13-41	B	00.56	00.41*
	91310	17-17-17	B	00.92	00.81
MILES-GLENDALE FARM SVC.		GLENDALE			
	92461	09-23-27	B	00.31	00.41
	91927	14-17-17	SO4	07.50	07.88
	91928	17-16-16	SO4	06.78	07.42
	91931	17-16-16	SO4	06.78	07.36
	91930	37-00-00	SO4	08.98	08.80
MOSAIC CROP NUTRITION, LLC		RIVERVIEW			
	90114	00-00-22	Mg	10.80	11.73
			SO4	22.00	22.68
MULTI CROP PRODUCTS		LOUISVILLE			
	92197	08-16-08	Fe	00.30	00.26*
			Zn	00.05	00.05
PMI INTERNATIONAL LLC		BRENTWOOD			
	91508	03-03-03	WIN	03.00	03.41

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
PMI INTERNATIONAL LLC		BRENTWOOD	MO		
	90889	05-05-05	WIN	05.00	04.23*
	90890	09-07-01	WIN	09.00	07.67*
POLSON FARM SUPPLY		KNOBLICK	KY		
	91984	07-18-24	B	00.38	00.56
POORE, C D FERTILIZER		ALBANY	KY		
	92478	02-06-14	B	00.02	00.01*
			Cu	00.02	00.04
			Mn	00.08	00.09
			Zn	00.31	00.39
	92477	05-14-38	Zn	01.29	01.44
	92475	10-15-20	B	00.01	00.02
			Cu	00.01	00.06
			Mn	00.06	00.10
			Zn	01.06	01.33
	92472	11-14-21	B	00.02	00.01*
			Cu	00.02	00.04
			Mn	00.09	00.08
90706	21-00-00	Zn	00.36	00.38	
		SO4	24.00	24.66	
QUALITY BORATE COMPANY		CLEVELAND	OH		
	91115	00-00-00	B	10.00	09.76
ROGERS FERTILIZER & SERVICES		LEBANON	KY		
	92502	07-18-35	B	00.28	00.28
	92504	12-20-20	SO4	05.33	05.94
	92028	17-11-17	SO4	07.12	07.45
	92506	19-13-17	SO4	04.71	05.29
	90762	21-00-00	SO4	24.00	24.14
	92503	21-10-19	SO4	02.66	03.17
	92505	22-10-14	SO4	05.65	05.92
	92029	26-08-10	SO4	05.97	06.28
	RUSSELLVILLE CROP SERVICE		RUSSELLVILLE	KY	
91301		17-17-17	SO4	02.20	02.31
91305		17-17-17	SO4	02.20	02.37
91527		21-09-20	Zn	00.60	00.57
91303		27-09-09	SO4	01.23	01.37
SCHOCHOH CROP		RUSSELLVILLE	KY		
	91893	10-19-15	Mg	00.21	01.57
			B	00.01	00.04
			Cu	00.01	00.03
			Zn	00.63	00.69

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCHOCHOH CROP		RUSSELLVILLE	KY		
	91894	10-19-15	Mg	00.21	01.66
			B	00.01	00.04
			Cu	00.01	00.03
			Zn	00.63	00.66
	91895	10-19-15	Mg	00.21	01.69
			B	00.01	00.03
			Cu	00.01	00.02
			Zn	00.63	00.61
	91896	10-19-15	B	00.01	00.03
			Cu	00.01	00.02
			Zn	00.63	00.71
	91897	10-19-15	Mg	00.21	01.72
			B	00.01	00.03
			Cu	00.01	00.02
			Zn	00.63	00.59
	91749	11-28-18	Mg	00.38	00.82
			B	00.02	00.03
			Cu	00.02	00.02
			Zn	01.15	01.26
	91750	11-28-18	Mg	00.38	00.86
			B	00.02	00.03
			Cu	00.02	00.03
			Zn	01.15	01.24
SCHULTZ CO.		BRIDGETON	MO		
	90133	05-03-03	WIN	04.00	01.78*
			Ca	09.00	10.17
	90301	05-03-03	WIN	04.00	01.60*
			Ca	09.00	09.07
	91584	05-03-03	WIN	03.50	02.77*
			Ca	09.00	07.61*
			Mg	00.50	00.80
			Fe	00.20	00.41
	90036	08-14-09	Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.06
	90652	10-12-12	SO4	02.80	04.08
			B	00.02	00.02
			Cu	00.05	00.10
			Fe	01.00	02.06
			Mn	00.05	00.09
			Mo	00.0005	00.0007
			Zn	00.05	00.28
	90041	10-15-10	Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.05
	90303	12-02-04	WIN	02.50	02.14
			Ca	02.00	07.28
	90385	12-02-04	WIN	02.50	01.86*
			Ca	02.00	07.06



TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %		
SCHULTZ CO.	90651	16-12-12	B	00.02	00.04		
			Cu	00.07	00.15		
			Fe	00.70	02.62		
			Mn	00.07	00.22		
			Mo	00.0005	00.0022		
			Zn	00.07	00.35		
	90035	19-31-17	B	00.02	00.02		
			Cu	00.05	00.06		
			Fe	00.10	00.12		
			Mn	00.05	00.04		
			Mo	00.0005	00.0007		
			Zn	00.05	00.05		
	92081	24-08-16	WIN	02.70	03.22		
			B	00.02	00.02		
			Cu	00.07	00.08		
			Fe	00.15	00.17		
			Mn	00.05	00.05		
			Mo	00.0005	00.0004		
	SCOTTS MIRACLE-GRO PRODUCTS, I	90101	06-12-06	WIN	06.00	08.11	
				WIN	02.17	02.69	
				Mg	00.50	00.97	
B				00.02	00.02		
Cu				00.05	00.05		
Fe				00.15	00.32		
Mn				00.05	00.06		
Zn				00.05	00.05		
91496				07-01-02	WIN	04.20	06.85
91580				10-10-10	CSRP	07.00	10.99
		CSRK	07.00		11.11		
90022		10-16-10	SO4	04.00	07.11		
			CSRN	07.00	10.05		
			CSRP	11.00	16.79		
			CSRK	07.00	11.07		
90047		12-04-08	Fe	00.10	00.12		
			Mn	00.05	00.05		
91592		12-04-08	Fe	00.10	00.12		
			Mn	00.05	00.05		
			Zn	00.05	00.05		
90201		12-06-12	SO4	14.00	14.85		
	Fe		00.10	00.27			
	Mn		00.05	00.06			
90307	12-06-12	SO4	14.00	15.06			
		Fe	00.10	00.29			
		Mn	00.05	00.06			
90081	15-05-10	SO4	16.00	15.58			
		Fe	00.10	00.40			
		Mn	00.05	00.08			

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCOTTS MIRACLE-GRO PRODUCTS, I		MARYSVILLE	OH		
	90298	15-05-10	SO4	16.00	15.86
			Fe	00.10	00.34
			Mn	00.05	00.07
	91505	15-05-10	SO4	16.00	15.77
			Fe	00.10	00.37
			Mn	00.05	00.08
	90306	15-30-15	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.15	00.16
			Mn	00.05	00.04
			Mo	00.0005	00.0007
			Zn	00.06	00.06
	91499	18-18-21	Mg	00.50	00.51
			Cu	00.05	00.06
			Fe	00.10	00.12
			Mn	00.05	00.05
			Zn	00.05	00.05
	91658	18-18-21	Mg	00.50	00.53
			Cu	00.05	00.06
			Fe	00.10	00.13
			Mn	00.05	00.05
			Mo	00.0500	00.0009*
	90443	20-20-20	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.05
			Mo	00.0005	00.0006
			Zn	00.05	00.05
	91500	20-20-20	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.05
			Mo	00.0005	00.0006
			Zn	00.05	00.06
	90029	24-08-16	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.21
			Mn	00.05	00.06
			Mo	00.0005	00.0006
			Zn	00.06	00.07
	90296	24-08-16	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.17
			Mn	00.05	00.05
			Mo	00.0005	00.0005
			Zn	00.06	00.06
	90445	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	00.06

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCOTTS MIRACLE-GRO PRODUCTS, I		MARYSVILLE	OH		
	90305	30-10-10	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.33	00.41
			Mn	00.05	00.06
			Mo	00.0005	00.0013
			Zn	00.07	00.08
	90444	30-10-10	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.33	00.41
			Mn	00.05	00.05
			Mo	00.0005	00.0007
			Zn	00.07	00.08
	91665	30-10-10	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.33	00.30
			Mn	00.05	00.05
			Mo	00.0005	00.0008
			Zn	00.07	00.07
SCOTTS SIERRA		MARYSVILLE	OH		
	90802	15-08-11	Mg	01.45	01.37
			SO4	02.40	05.83
			B	00.02	00.03
			Fe	00.18	00.37
			Mn	00.05	00.07
			Mo	00.0140	00.0159
	90852	15-08-11	Mg	01.45	01.35
			SO4	02.40	05.86
			B	00.02	00.02
			Fe	00.18	00.37
			Mn	00.05	00.07
			Mo	00.0140	00.0161
	90947	15-09-12	Ca	01.90	01.00*
			Mg	01.40	01.60
			SO4	04.00	06.42
			B	00.02	00.03
			Cu	00.05	00.04*
			Fe	00.45	00.49
			Mn	00.06	00.08
			Mo	00.0200	00.0212
			Zn	00.05	00.04
			CSRN	12.70	16.18
			CSRP	07.60	08.85
			CSRK	10.20	12.45
	90295	19-06-12	CSRN	16.00	18.90
			CSRP	05.00	06.88
			CSRK	10.00	12.46
	92079	19-06-12	CSRN	16.00	19.97
			CSRP	05.00	06.59
			CSRK	10.00	13.30

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SECURITY SEED & CHEMICAL		MURRAY			
	90476	05-13-03	Cu	00.00	00.01
			Fe	00.01	00.14
			Mn	00.02	00.04
			Zn	00.03	00.07
SPECTRUM GROUP		ST. LOUIS			
	90095	01-11-00	WIN	01.00	01.00
	90050	02-05-02	Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.05
	90138	12-05-07	B	00.02	00.04
			Cu	00.05	00.11
			Fe	00.10	02.28
			Mn	00.05	00.17
			Mo	00.0005	00.0027
			Zn	00.05	00.40
	91098	12-05-07	B	00.02	00.04
			Cu	00.05	00.12
			Fe	00.10	02.71
			Mn	00.05	00.19
			Mo	00.0005	00.0042
			Zn	00.05	00.35
	90038	12-06-10	Mg	01.10	01.53
			SO4	05.80	06.62
			B	00.02	00.01
			Cu	00.05	00.09
	91091	12-06-10	Mg	01.10	01.98
			SO4	05.80	06.72
			B	00.02	00.04
			Cu	00.05	00.07
			Fe	00.85	01.99
			Mn	00.05	00.08
			Mo	00.0005	00.0030
			Zn	00.05	00.09
	91090	12-10-05	Mg	01.50	04.80
			SO4	05.00	06.07
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	01.00	01.88
			Mn	00.05	00.08
			Mo	00.0005	00.0035
			Zn	00.05	00.09
	90448	12-36-14	Mg	00.50	00.46
			B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.10	00.10
			Mn	00.05	00.04
			Mo	00.0005	00.0007
			Zn	00.05	00.04

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPECTRUM GROUP		ST. LOUIS	MO		
	90269	16-04-08	B	00.02	00.01*
			Cu	00.05	00.05
			Fe	01.00	01.53
			Mn	00.05	00.05
			Mo	00.0005	00.0005
			Zn	00.05	00.12
	90270	16-04-08	SO4	11.00	12.36
			Fe	02.00	01.61*
	91447	16-04-08	SO4	11.50	12.77
			Fe	02.00	01.82
	91513	16-04-08	B	00.02	00.02
			Cu	00.05	00.06
			Fe	01.00	02.09
			Mn	00.05	00.08
			Mo	00.0005	00.0026
			Zn	00.05	00.08
	90198	17-17-17	CSRN	15.30	18.57
			CSRP	15.30	17.67
			CSRK	15.30	16.96
	91089	20-27-05	Fe	02.00	02.74
	90083	22-00-14	SO4	01.00	01.73
	90131	22-00-14	SO4	01.40	01.46
	90172	22-00-14	SO4	01.40	01.19
	90248	22-00-14	SO4	01.40	02.51
	90250	22-00-14	SO4	01.40	01.77
	90255	22-00-14	SO4	01.40	01.69
	90273	22-00-14	SO4	01.40	01.82
	90293	22-00-14	SO4	01.40	01.50
	90379	22-00-14	SO4	01.40	01.94
	90268	22-03-14	SO4	01.00	00.89
	90037	24-08-16	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.16
			Mn	00.05	00.05
			Mo	00.0005	00.0006
			Zn	00.06	00.07
	91092	24-08-16	WIN	02.70	02.30*
			B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.15	00.15
			Mn	00.05	00.04
			Mo	00.0005	00.0006
			Zn	00.06	00.06
	90447	26-12-18	Mg	00.50	00.51
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.10
			Mn	00.05	00.04*
			Mo	00.0005	00.0009
			Zn	00.05	00.04

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPECTRUM GROUP		ST. LOUIS	MO		
	90174	29-00-05	Fe	02.00	01.50*
	90380	29-00-05	Fe	02.00	01.21*
	90471	29-00-05	Fe	02.00	01.52*
	90049	29-03-04	Fe	01.00	01.32
	90850	32-00-04	Fe	05.00	05.91
	91577	32-00-04	Fe	05.00	04.22*
	91787	32-00-04	Fe	05.00	06.21
	90034	35-00-05	B	00.02	00.02
			Cu	00.05	00.12
			Fe	04.00	05.18
			Mn	00.05	00.14
			Mo	00.0005	00.0024
			Zn	00.05	00.34
	90799	35-00-05	B	00.03	00.01*
			Cu	00.05	00.16
			Fe	05.00	05.13
			Mn	00.05	00.09
			Mo	00.0006	00.0018
			Zn	00.05	00.30
	90946	35-00-05	B	00.03	00.04
			Cu	00.05	00.38
			Fe	05.00	05.37
			Mn	00.05	00.20
			Mo	00.0006	00.0023
			Zn	00.05	00.90
	91788	35-00-05	B	00.03	00.04
			Cu	00.05	00.08
			Fe	05.00	03.43*
			Mn	00.05	00.11
			Mo	00.0006	00.0011
			Zn	00.05	00.19
	92076	35-00-05	B	00.03	00.03
			Cu	00.05	00.18
			Fe	05.00	03.98*
			Mn	00.05	00.12
			Mo	00.0006	00.0014
			Zn	00.05	00.53
	90039	35-05-05	B	00.03	00.01*
			Cu	00.05	00.04
			Fe	00.11	00.46
			Mn	00.05	00.03*
			Mo	00.0006	00.0010
			Zn	00.05	00.10
	90105	35-05-05	B	00.03	00.01*
			Cu	00.05	00.03*
			Fe	00.11	00.45
			Mn	00.05	00.04*
			Mo	00.0006	00.0020
			Zn	00.05	00.11
	90384	35-05-05	Fe	00.11	00.41
			Mn	00.05	00.06
			Mo	00.0006	00.0015
			Zn	00.05	00.13

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPEED AG SERVICE		HICKMAN			
			KY		
	92288	06-07-40	SO4	04.00	04.23
	92289	06-07-40	SO4	04.00	04.38
	92290	06-07-40	SO4	04.00	04.67
SS (BOWL) BOWLING GREEN COOP		BOWLING GREEN			
			KY		
	91262	25-16-13	Fe	00.08	00.44
SS (CYN) LEXINGTON COOP-CYN BR		CYNTHIANA			
			KY		
	92127	00-00-20	Mg	02.78	07.86
			SO4	05.55	05.92
	92134	14-00-08	Mg	00.52	05.36
		SO4	01.03	03.23	
	92122	19-00-20	Mg	00.77	01.25
			SO4	01.53	06.65
SS (ELKT) RUSS.-TODD BRANCH		ELKTON			
			KY		
	90336	05-14-38	B	00.60	00.48*
SS (FLEM) FLEMINGSBURG		FLEMINGSBURG			
			KY		
	92156	02-06-12	Mg	02.64	07.74
			SO4	05.28	06.03
	92150	03-06-09	Mg	00.68	06.28
	92157	10-00-00	SO4	12.00	11.64
	92151	13-00-10	Zn	00.83	00.78
	92155	13-00-10	Zn	00.83	01.07
	92160	13-00-10	Zn	00.83	01.06
	92153	13-07-11	Mg	01.35	01.88
			SO4	15.95	18.67
	92159	19-11-16	Mg	01.87	02.35
			SO4	03.73	07.12
SS (GEOR) GEORGETOWN COOP		GEORGETOWN			
			KY		
	91165	00-00-56	B	00.94	00.77*
SS (GREE) GREENVILLE KY SVC		GREENVILLE			
			KY		
	92403	28-16-09	Zn	00.15	00.12*
SS (HARR) CNTRL KY SVC		HARRODSBURG			
			KY		
	91640	00-00-59	B	00.11	00.02*
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE			
			KY		
	91212	10-26-23	Zn	00.12	00.11

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE	KY		
	91214	10-27-23	Zn	00.12	00.13
	91215	10-27-23	Zn	00.12	00.12
SS (LAGR) KY SVC BR-LAGRANGE B		LAGRANGE	KY		
	92297	08-19-33	Zn	00.64	00.78
	92300	08-19-33	Zn	00.64	00.70
	92303	08-19-33	Zn	00.64	00.98
SS (LEXI) LEXINGTON COOP		LEXINGTON	KY		
	92549	23-00-12	Mg SO4 B	01.67 03.34 00.08	02.23 03.98 00.08
SS (MAYS) MAYSVILLE COOP		MAYSVILLE	KY		
	90977	00-00-55	B	01.15	01.02
SS (OWEN) COOP OWENSBORO		OWENSBORO	KY		
	91795	05-15-39	Zn	00.18	00.01*
	91793	07-00-40	SO4	08.00	09.78
	91794	07-00-40	SO4	08.00	09.47
	91797	07-00-40	SO4	08.00	08.12
	91796	16-09-11	SO4	14.42	14.93
SS (OWIN) OWINGSVILLE SVC		OWINGSVILLE	KY		
	92143	00-00-59	B	00.06	00.05
SS (RICH) COOP INC FERT DIV		RICHMOND	VA		
	90055	00-00-22	Mg SO4	11.00 22.00	11.99 22.94
	91127	00-00-22	Mg SO4	11.00 22.00	11.46 22.93
	91147	00-00-22	Mg SO4	11.00 22.00	11.45 22.96
	91131	21-00-00	SO4	24.00	24.34
	91132	21-00-00	SO4	24.00	24.26
	91692	21-00-00	SO4	24.00	24.18
	91693	21-00-00	SO4	24.00	24.01
	90848	32-04-04	Fe	01.00	01.14
	91396	37-00-00	SO4	08.00	09.13
SS (RUSS) COOP, INC.		RUSSELLVILLE	KY		
	90789	00-00-22	Mg SO4	11.00 22.00	11.64 22.99



TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (RUSS) COOP, INC.		RUSSELLVILLE	KY		
	90788	21-00-00	SO4	24.00	24.16
SS (RUSS) RUSSELLVILLE COOP		RUSSELLVILLE	KY		
	91745	21-12-16	SO4	04.36	04.94
	91746	21-12-16	SO4	04.35	04.68
	91748	32-10-00	SO4	07.06	07.48
	91744	38-00-00	SO4	06.86	06.92
SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE	KY		
	92309	15-09-12	Zn	00.03	00.03
	92308	16-09-10	Zn	00.02	00.02
	92311	28-08-16	Zn	00.06	00.07
SS (WINC) COOP, INC.		WINCHESTER	KY		
	91490	00-10-30	B	00.45	00.30*
	92105	00-10-30	B	00.45	00.25*
	92220	00-10-30	B	00.45	00.29*
	91399	27-00-00	Mg	01.00	00.14*
	91536	27-00-00	Ca	04.00	04.77
			Mg	01.00	02.64
	92044	27-00-00	Ca	04.00	04.88
			Mg	01.00	02.59
	91269	33-00-00	SO4	12.00	12.36
	91390	33-00-00	SO4	12.00	12.65
	92024	33-00-00	SO4	12.00	12.52
	92326	33-00-00	SO4	12.00	11.63
SUN BULB COMPANY, INC.		ARCADIA	FL		
	90017	11-35-15	Mo	00.0005	00.0004
			Zn	00.05	00.05
	91088	11-35-15	Mg	00.60	00.85
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.12
			Mn	00.05	00.04
			Mo	00.0005	00.0005
			Zn	00.05	00.05
	90016	20-14-13	Mg	01.00	01.17
			B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.20	00.19
			Mn	00.05	00.04*
			Mo	00.0005	00.0001*
			Zn	00.05	00.04
	91583	20-14-13	Mg	01.00	01.10
			B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.20	00.21
			Mn	00.05	00.04
			Mo	00.0050	00.0034
			Zn	00.05	00.06

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	90045	15-30-15	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.21
			Mn	00.05	00.05
			Mo	00.0005	00.0008
			Zn	00.06	00.08
	90887	15-30-15	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.18
			Mn	00.05	00.05
			Mo	00.0005	00.0007
			Zn	00.06	00.06
	91276	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.19
			Mn	00.05	00.05
			Mo	00.0005	00.0009
			Zn	00.06	00.07
	91442	15-30-15	Mn	00.05	00.05
			Mo	00.0005	00.0008
			Zn	00.06	00.07
	91501	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.22
			Mn	00.05	00.06
			Mo	00.0005	00.0010
			Zn	00.06	00.09
	91666	15-30-15	Cu	00.01	00.09
			Fe	00.15	00.21
			Mn	00.05	00.06
			Mo	00.0005	00.0009
			Zn	00.06	00.08
T AND N, INC		FORISTELL	MO		
	90722	12-22-10	Fe	00.70	01.33
	91810	12-22-10	Fe	00.70	01.53
TETRA MICRONUTRIENTS		THE WOODLANNDS	TX		
	90984	00-00-00	B	15.00	14.70
	91122	00-00-00	B	15.00	13.59*
	91163	00-00-00	B	15.00	14.86
	92163	00-00-00	B	15.00	14.08
	92221	00-00-00	B	15.00	14.11
THE ANDERSONS LAWN FERT DIV		MAUMEE	OH		
	91846	07-14-14	WIN	00.76	01.10
			Mg	02.00	02.68
			SO4	09.92	12.77

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE ANDERSONS LAWN FERT DIV		MAUMEE	OH		
	90213	19-03-19	WIN	06.46	08.45
	90212	20-00-10	WIN	05.10	05.95
			SO4	07.00	08.53
			Mn	05.00	05.40
THE SCOTTS CO.		MARYSVILLE	OH		
	90381	11-02-02	WIN	10.00	09.12
			Ca	01.50	02.43
			SO4	01.00	00.93
	90506	11-02-02	WIN	10.00	10.71
			Ca	01.50	02.32
			SO4	01.00	00.94
	90507	11-02-02	WIN	10.00	10.59
			Ca	01.50	01.83
			SO4	01.00	00.88
	90964	11-02-02	WIN	10.00	09.24
			Ca	01.50	01.82
			SO4	01.00	00.83
	91007	11-02-02	WIN	10.00	10.60
			SO4	01.00	00.90
	91563	11-02-02	WIN	10.00	10.85
			Ca	01.50	02.07
	91571	11-02-02	WIN	10.00	09.74
			Ca	01.50	02.74
	91014	18-23-04	WIN	00.60	00.73
	91449	18-23-04	WIN	00.60	00.77
	90061	20-27-05	WIN	00.60	00.42
	90077	20-27-05	WIN	00.60	00.55
	90090	20-27-05	WIN	00.60	00.44
	90100	20-27-05	WIN	00.60	00.26
	90202	20-27-05	WIN	00.60	00.40
	90245	20-27-05	WIN	00.60	00.45
	90291	20-27-05	WIN	00.60	00.37
	90372	20-27-05	WIN	00.60	00.33
	90454	20-27-05	WIN	00.60	00.45
	90472	20-27-05	WIN	00.60	00.40
	91444	20-27-05	WIN	00.60	00.26
	90019	22-02-14	WIN	00.60	00.27
			SO4	10.00	11.71
	90027	22-02-14	WIN	00.30	00.08
			SO4	10.00	12.11
	90084	22-02-14	WIN	00.30	00.03
			SO4	12.00	13.39
	90088	22-02-14	WIN	00.60	00.27
			SO4	10.00	11.89
	90134	22-02-14	WIN	00.30	00.05
			SO4	12.00	12.75
	90247	22-02-14	WIN	00.60	00.32
			SO4	10.00	11.82

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE SCOTTS CO.		MARYSVILLE	OH		
	90256	22-02-14	WIN	00.60	00.35
			SO4	10.00	11.98
	90310	22-02-14	WIN	00.30	00.05
			SO4	12.00	12.96
	90373	22-02-14	WIN	00.30	00.02
			SO4	12.00	13.15
	90377	22-02-14	WIN	00.30	00.04
	90086	22-03-14	WIN	00.60	00.37
			SO4	10.00	12.52
	90441	22-03-14	WIN	00.60	00.33
			SO4	10.00	12.72
	90450	24-03-12	WIN	00.70	00.50
			SO4	10.00	10.77
	91498	26-00-03	WIN	00.70	00.35
			SO4	10.00	09.67
	90076	26-02-12	WIN	00.40	00.04
			SO4	09.00	09.94
	90085	26-02-12	WIN	00.40	00.04
	90099	26-02-12	WIN	00.40	00.02*
			SO4	09.00	10.02
	90257	26-02-12	WIN	00.40	00.04
			SO4	09.00	09.73
	90383	26-02-12	WIN	00.40	00.02*
	90018	26-03-12	WIN	00.80	00.44
			SO4	08.00	08.99
	90020	26-03-12	WIN	00.40	00.07
			SO4	08.00	09.90
	90028	26-03-12	WIN	00.80	00.47
			SO4	08.00	09.29
	90087	26-03-12	SO4	08.00	08.85
	90098	26-03-12	WIN	00.80	00.47
			SO4	08.00	09.26
	90292	26-03-12	WIN	00.80	00.44
			SO4	08.00	08.22
	90375	26-03-12	WIN	00.40	00.04
			SO4	08.00	09.65
	90452	27-03-12	WIN	00.90	00.71
			SO4	07.00	08.26
	92071	28-01-04	WIN	00.30	00.29
			SO4	12.00	12.55
	92078	28-01-04	WIN	00.30	00.32
			SO4	12.00	13.09
	92185	28-01-04	WIN	00.30	00.24
			SO4	12.00	12.61
	90080	28-02-03	WIN	00.70	00.41
			SO4	11.00	12.26
	91456	28-02-03	WIN	00.70	00.33
			SO4	11.00	11.95
	91570	28-02-03	WIN	00.30	00.06
			SO4	12.00	12.39

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE SCOTTS CO.		MARYSVILLE	OH		
	91657	28-02-03	WIN	00.30	00.06
			SO4	12.00	12.96
	91376	28-03-03	WIN	00.70	00.56
			SO4	10.00	10.97
	90032	29-02-04	WIN	00.80	00.29*
			SO4	08.00	10.22
	90079	29-02-04	WIN	00.80	00.33*
			SO4	08.00	09.71
			Fe	02.00	02.19
	90171	29-02-04	WIN	00.80	00.32*
			SO4	08.00	09.40
			Fe	02.00	02.18
	90258	29-02-04	WIN	00.80	00.33*
			SO4	08.00	09.42
			Fe	02.00	01.94
	90376	29-02-04	WIN	00.80	00.37*
			SO4	08.00	09.42
			Fe	02.00	02.13
	91096	29-02-04	WIN	00.80	00.46
			SO4	08.00	09.59
			Fe	02.00	02.84
	90945	30-00-04	WIN	00.80	00.65
			SO4	10.00	10.76
	91011	30-00-04	WIN	00.80	00.43
			SO4	04.00	10.23
	91022	30-00-04	WIN	00.80	00.41*
			SO4	04.00	10.23
	91459	30-00-04	WIN	00.80	00.60
			SO4	10.00	10.37
	91965	30-00-04	WIN	00.80	00.73
			SO4	10.00	11.28
	90944	32-00-04	WIN	00.50	00.03*
		SO4	08.00	08.67	
		Fe	02.00	02.24	
91277	32-00-04	WIN	00.50	00.04*	
		SO4	08.00	08.67	
		Fe	02.00	02.24	
TIGER-SUL PRODUCTS, LLC		ATMORE	AL		
	90238	00-00-00	S	90.00	91.95
	90601	00-00-00	S	90.00	90.78
	90864	00-00-00	S	90.00	92.22
	90985	00-00-00	S	90.00	92.42
	91060	00-00-00	S	90.00	92.40
	91123	00-00-00	S	90.00	91.96
	91124	00-00-00	S	90.00	92.10
	91162	00-00-00	S	90.00	92.27
TRI COUNTY FERT.		RICHMOND	KY		
	92422	21-10-22	Zn	01.32	01.63

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
TRI COUNTY FERT.		RICHMOND	KY		
	92423	24-12-15	Zn	01.55	01.73
TURFGRASS, INC.		NOVI	MI		
	91845	24-04-12	Fe	02.00	02.44
U.S. BORAX INC.		ENGLEWOOD	CA		
	91052	00-00-00	B	14.30	14.55
	91595	00-00-00	B	14.30	14.68
WARNER FERT CO. (SOM)		SOMERSET	KY		
	90639	00-00-00	Ca	30.00	39.06
	91032	21-00-00	SO4	24.00	24.21
WINFIELD SOLUTIONS LLC		ST. PAUL	MN		
	90767	28-00-04	Fe	02.00	02.03
	90922	28-00-04	Fe	02.00	02.45
	91406	28-00-04	Fe	02.00	02.24
	91805	28-00-04	Fe	02.00	01.93

TABLE 3 COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30, 2009

A.H. HOFFMAN P.O. BOX 290 LANCASTER, NY 14086	ACADIAN SEAPLANTS LIMITED 30 BROWN AVE DARTMOUTH, NS B3B 1X8	ACCESS BUSINESS GROUP, LLC 7575 FULTON RD. EAST ADA, MI 49355
ACE HARDWARE (OAK) P.O. BOX 4883 OAK BROOK, IL 46350	ADVANCED TURF SOLUTIONS, INC 12840 FORD DRIVE FISHERS, IN 46038	AERO STAR GLOBAL LOGISTICS 824 S. KAY AVENUE ADDISON, IL 60101
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 K CORPORATION 8030 MAIN ST., NE MINNEAPOLIS, MN 55432-1844
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
AGGRENE CORP. 925 TOWER AVE. SUPERIOR, WI 54880	AGRI-BUSINESS TECH, INC 1102 THIRD AVENUE ALBANY, GA 31707	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	AGRICHEM POB 4037 LOGANHOLMW, AU	AGRIENERGY RESOURCES 21417 1950E ST. PRINCETON, IL 61356
AGRIGRO FARM CTR, INC P.O. BOX 143 HARTFORD, KY 42347	AGRILIANCE, LLC/WINFIELD SOLUTIONS P.O. BOX 64089 ST. PAUL, MN 55164-0089	AGRIMAR CORP 5634 ATLANTA HWY, STE 200 FLOWERY BRANCH, GA 30542
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 2405 W VASSAR RD REESE, MI 48757-9340	AGRIUM U.S. INC. (DENV) 4582 S. ULSTER ST., STE. 1700 DENVER, CO 80237
AGRIUM U.S. INC. (FRES) P.O. BOX 1168 3705 W. BEECHWOOD FRESNO, CA 93711	AGRIUM US INC 3105 GLENN AVENUE WINSTON-SALEM, NC 27105	AGRO CULTURE LIQUID FERT. P.O. BOX 150 ST. JOHNS, MI 48879
AGRO DISTRIBUTION 8700 TRAIL LAKE DR., STE 100 MEMPHIS, TN 38125	AGRO DISTRIBUTION, LLC P.O. BOX 459 HARDINSBURG, KY 40143	AGRO DISTRIBUTION, LLC C/O AGRILIANCE P.O. BOX 64089 ST. PAUL, MN 55164-0089
AGRO DISTRIBUTORS 1675 US HWY. 60W PO BOX 568 MORGANFIELD, KY 42437	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 821 ST RT 511 N ASHLAND, OH 44805	ALLEN COUNTY FARMERS SERVICE 512 SMITHS GROVE RD. SCOTTSVILLE, KY 42164	ALLEN COUNTY FEED & SEED, INC. POB 503 SCOTTSVILLE, KY 42164
ALLENSVILLE CROP SVC. 7645 ALLENSVILLE RD. ALLENSVILLE, KY 42204	ALLTECH, INC. 3031 CATNIP HILL PIKE NICHOLASVILLE, KY 40356	AMEROPA NORTH AMERICA INC 2502 N. ROCKY POINT DR #160 TAMPA, FL 33607

TABLE 3 (Continued)

AMTURF ENTERPRISES LLC PO BOX 905 CROWN POINT, IN 46307	ANDERSON CO FARM SVC 145 HAWKINS LAWRENCEBURG, KY 40342	ANTLER KING TROPHY PRODUCTS INC N6243 NOBLE CT. BLACK RIVER FALLS, WI 54615
AQUARIUM PHARMACEUTICALS, INC 50 E HAMILTON STREET CHALFONT, PA 18914	ARCADIS U.S. INC. 4665 CORNELL RD. SUITE 350 CINCINNATI, OH 45214	ARYSTA LIFE SCIENCE NORTH AMERICA 1450 BROADWAY, 7TH FLOOR NEW YORK, NY 10018
ASB GREENWORLD P.O. BOX 1728 VALDOSTA, GA 31603-1728	AWE GREEN ORGANICS & MORE PO BOX 1138 HENDERSON, KY 42420	BAICOR, L.C. P.O. BOX 725 1895 N. 600 W. LOGAN, UT 84321
BALLARD COUNTY COOPERATIVE PO BOX 329 LA CENTER, KY 42056	BANDANA AG INC. P.O. BOX 88 BANDANA, KY 42022	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 ADVANCED-B U OF BAY. CROP SC 95 CHESTNUT RIDGE ROAD MONTVALE, NJ 07645	BAYER ENVIRONMENTAL SCIENCE 95 CHESTNUT RIDGE ROAD MONTVALE, NJ 07645
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	BEN-TREI FERTILIZER COMPANY LLC 4605 E. 91ST STREET TULSA, OK 74137-2852
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 BIZZ KNOLDINGWEG 7, 9723 HL GRONINGEN, NETHERLAN,	BIO TLC 2386 INDUSTRIAL STREET BURLINGTON, ON L2P 1A1	BIOZ AGRI PRODUCTS INC RR#1 S40 C17 OLIVER BC, CN V0H IT0
BLACK GOLD P. O. BOX 190 OXFORD, FL 34484	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	BOYD FARM CTR. 222 E. PRINCETON CROFTON, KY 42217
BRANDT CONSOLIDATED INC 2935 S KOKE MILL RD SPRINGFIELD, IL 62711	BRYANT, OTIS & SON P.O. BOX 148 CANEVILLE, KY 42721	BUNGE NORTH AMERICA INC 11720 BORMAN DR. ST. LOUIS, MO 63146
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 4 PKWY N, SUITE 400 DEERFIELD, IL 60015-2590
C GREEN, LLC PO BOX 612 BEREA, KY 40403	CAMERON CHEMICALS, INC. #5 BEECHWOOD COURT PORTSMOUTH, VA 23702-2313	CAMPBELLSVILLE CROP SVC. P.O. BOX 7 CAMPBELLSVILLE, KY 42719
CANNON PACKAGING COMPANY, INC POB 862 HUMBOLDT, TN 38343	CANTON MILLS, INC P.O. BOX 97 MINNESOTA CITY, MN 55959	CARGILL P.O. BOX 5606 MINNEAPOLIS, MN 55440



TABLE 3 (Continued)

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 GARDEN & PET 5401 W. OAKWOOD PAR DR FRANKLIN, WI 53132
CENTRAL KENTUCKY CROP SERVICE 6203 HOLY CROSS ROAD LORETTO, KY 40037	CHEM ONE LTD 14140 WESTFAIR EAST DR. HOUSTON, TX 77041	CHEMSICO, DIV OF UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114
CHEMTURA CORPORAION 199 BENSON ROAD MIDDLEBURY, CT 06749	CHEROKEE NITROGEN 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243	CHS 5500 CENEX DR INVER GROVE HEIGHTS, MN 55077-1733
CIBA CORPORATION 2301 WILROY ROAD SUFFOLK, VA 23434	CIBA-GEIGY CORP. P.O. BOX 18300 GREENSBORO, NC 27419	CLARKS GROCERY 6911 HWY. 779 ROCKHOLDS, KY 40759
CLEARY CHEMICAL CORPORATION 178 RIDGE ROAD, STE A DAYTON, NJ 08810	CLEMENTS AG SUPP. P.O. BOX 347 SPRINGFIELD, KY 40069	CNI AGRIMINERALS, LLC PO BOX 3706 ALBANY, GA 31706
COFFEYVILLE RES. NITROGEN FERT 10 E. CAMBRIDGE CIR, STE 250 KANSAS CITY, KS 66103	COLLINGWOOD ETHANOL VALUE PRDTS ULC 330 BAY STREET SUITE 304 TORONTO, ON M5H 2S8	CONKLIN CO., INC. 551 VALLEY PARK DRIVE P.O. BOX 155 SHAKOPEE, MN 55379-0155 CORBIN FARM & GARDEN CTR. P.O. BOX 1187 1205 MASTERS STREET CORBIN, KY 40701
CONRAD FAFARD, INC. PO BOX 790 AGAWAM, MA 01001	CONVERTED ORGANICS 7A COMMERCIAL WARF WEST BOSTON, MA 02110	
COSTAL SUPPLY COMPANY 33334 MAIN ST DAGSBORO, DE 19939	CRITTENDEN FARM SUPPLY, INC. 312 W. GUM ST. MARION, KY 42064	CROP PRODUCTION SVC INC P.O. BOX 1286 GREELEY, CO 80632
CROP PRODUCTION SVC INC (BROWNS) PO BOX 169 BROWNS, IL 62818	CROP PRODUCTION SVC INC (CADIZ) 5357 HOPKINSVILLE RD. CADIZ, KY 42211	CROP PRODUCTION SVC INC (CLA) 8381 SR 132-W CLAY, KY 42404-2167
CROP PRODUCTION SVC INC (CLAR) P.O. BOX 8 CLARKSON, KY 42726	CROP PRODUCTION SVC INC (FANC) 10693 STATE RT. 121N FANCY FARM, KY 42039	CROP PRODUCTION SVC INC (GAL) PO BOX 1467 2084 WINDISH DRIVE GALESBURG, IL 61402
CROP PRODUCTION SVC INC (HARD) 1266 BREWER HWY HARDIN, KY 42048	CROP PRODUCTION SVC INC (HEN) 1229 OUTER 5TH ST. HENDERSON, KY 42420	CROP PRODUCTION SVC INC (HEND) 641 U.S. HWY 41 SOUTH HENDERSON, KY 42420
CROP PRODUCTION SVC INC (HOD) P.O. BOX 147 HODGENVILLE, KY 42748	CROP PRODUCTION SVC INC (HOR) 6495 S. JACKSON HWY. HORSECAVE, KY 42749	CROP PRODUCTION SVC INC (MAD) P.O. BOX 506 MADISONVILLE, KY 42431
CROP PRODUCTION SVC INC (MOR) 4770 US HWY. 60 WEST MORGANFIELD, KY 42437	CROP PRODUCTION SVC INC (MUR) 1319 CROSS SPANN RD MURRAY, KY 42071	CROP PRODUCTION SVC INC (PEM) P.O. BOX 129 PEMBROKE, KY 42266
CROP PRODUCTION SVC INC (POO) 95 BAKER AVE. PO BOX 110 POOLE, KY 42444	CROP PRODUCTION SVC INC (RUS) P.O. BOX 777 RUSSELLVILLE, KY 42276	CROP PRODUCTION SVC INC (SED) 1680 STATE RT 339E SEDALIA, KY 42079

TABLE 3 (Continued)

CROP PRODUCTION SVC INC (SLA) P.O. BOX 38 SLAUGHTERS, KY 42456	CROP PRODUCTION SVC INC (WAV) 4630 US HWY. 60-E WAVERLY, KY 42462	CROP PRODUCTION SVC INC (WILSON) 800 RAILROAD ST WILSON, NC 27893
CROWN TECHNOLOGY, INC. 7513 E. 96TH ST. INDIANAPOLIS, IN 46256	CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN, KY 42729	DABNEY FEED SUPP 6058 WILLAILLA RD. BRODHEAD, KY 40409
DABNEY FEED SUPP 6951 HWY. 39 SOMERSET, KY 42503	DANIELS PLANT FOOD 401 N WALNUT ST SHERMAN, TX 75090	DASCO INCORPORATED 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	DELTA GROWERS ASSOCIATION PO BOX 249 CHARLESTON, MO 63834
DELTA G PO BOX 4812 GREENVILLE, MS 38704	DMF BAIT CO. 1180 SYLVERTIS RD. WATERFORD, MI 48328	DOMESTIC FERTILIZER INC. 1750 SEVENTEENTH ST. PARIS, KY 40361
DRAKES FARM SVC. LOGANSPORT ROAD P.O. BOX 308 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
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	EIGHTY EIGHT FETILIZER CO., INC. PO BOX 63 EIGHTY EIGHT, KY 42130
EL DORADO CHEMICAL COMPANY 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243	ELKTON CROP SVC. 4050 GUTHRIE RD. GUTHRIE, KY 42234	EMERALD ISLE 2153 NEWPORT RD. ANN ARBOR, MI 48103
ENCAP, LLC 3921 ALGOMA ROAD GREEN BAY, WI 54311-9707	ENP INC POB 618 MENDOTA, IL 61342	ENVIRO-SAFE LABS, INC 1579 BARBER ROAD SARASOTA, FL 34240
ESCO CORPORATION P.O. BOX 655650 DALLAS, TX 75265	ESPOMA CO. 6 ESPOMA RD. MILLVILLE, NJ 08332	EVERGREEN LIQUID PLANT 790 ST. CHARLES ST. W R.R. #1 BRESLAU, ON N0B 1M0
EXCEL MARKETING INC 1340 TREAT BLVD WALNUT CREEK, CA 94597	EXCELL MINERALS 357 N PIKE RD SARVER, PA 16055	FARMERS FERTILIZER CO. 150 SUNSET AVE. P.O. BOX 127 SMITHS GROVE, KY 42171
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 GIN CO. P.O. BOX 295 CLINTON, KY 42031
FARMERS LIME CO. HWY. 45-E SOUTH FULTON, TN 38257	FARMSAVER.COM, LLC 4515 FALLS OF NEUSE RD. #300 RALEIGH, NC 27609	FARNAM CO. 301 W. OSBORN RD. PHOENIX, AZ 85013
FERTIGATION PRODUCTS & SVC, INC 114 GLADIATOR ROAD DOUGLAS, GA 31533	FLEMING CO FARM SUPP. 1724 MAYSVILLE ROAD FLEMINGSBURG, KY 41041	FLORATINE BIOSCIENCES INC 153 N. MAIN, SUITE 100 COLLIERVILLE, TN 38017

TABLE 3 (Continued)

FLORATINE PRODUCTS GROUP 141 EASTLEY ST., SUITE 106 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	FOXFARM SOIL & FERTILIZER COMPANY POB 787 ARCATA, CA 93518	FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE, OH 43537
FREEPORT-MCMORAN SIERRITA INC 6200 W. DUVAL MINE RD GREEN VALLEY, AZ 85614	FRICK SERVICES INC 3154 W DEPOT ST WAWAKA, IN 46749	FRIT INDUSTRIES P.O. BOX 1589 OZARK, AL 36361
GARDEN PRO COMPANY 2764 OLD LEXINGTON RD CAVE CITY, KY 42127	GARDENSCAPE, INC. P.O. BOX 184 EAU CLAIRE, PA 16030	GARDENWAY, LLC PO BOX 361041 CLEVELAND, OH 44136
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	GEORGIA PACIFIC CHEMICALS, LLC 133 PEACHTREE ST. NE 19TH FL ATLANTA, GA 30303	GOOD EARTH HORTICULTURE, INC P.O. BOX 266 LANCASTER, NY 14086
GRAVES CO CO-OP 521 S 16TH STREET PO BOX 567 MAYFIELD, KY 42066	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
GREEN RIVER FEED MILL P.O. BOX 410 700 S. MAIN STREET MORGANTOWN, KY 42261	GREENLEAF PLANT FOOD P.O. BOX 113 410 VAKSDAHL AVENUE DANVILLE, KY 40423	GREENLEAF PRODUCTS 38190 HWY 27 DAVENPORT, FL 33837
GREENVIEW DIV- LEBANON SEABOARD CO 1600 E. CUMBERLAND ST. LEBANON, PA 17042	GRIFFIN INDUSTRIES INC. 4221 ALEXANDRIA PIKE COLD SPRING, KY 41076-1821	GRIFFIN INDUSTRIES INC. P.O. BOX 2007 HENDERSON, KY 42419-2007
GRIGG BROTHERS 9495 1050 E PO BOX 128 ALBION, ID 83311	GRO GREEN INC. 717 ELK ST BUFFALO, NY 14210	GRO TEC INC. P.O. BOX 290 MADISON, GA 30650-1821
GRO-POWER INC 15056 TELEPHONE AVENUE CHINO, CA 91710	GROWERS CHEMICAL CORP. 321-329 HURON STREET P.O. BOX 1750 MILAN, OH 44846	GROWMARK INC. 1701 TOWANDA AVE. BLOOMINGTON, IL 61702
GROWTH PRODUCTS, LTD. P.O. BOX 1252 WHITE PLAINS, NY 10602	GUSTAFSON LLC 1400 PRESTON ROAD STE 400 PLANO, TX 75093	HAIFA NUTRITECH, INC. 307 CRANES ROOST BLVD #2030 ALAMONTE SPRINGS, FL 32701
HANCOCK COUNTY FARM P.O. BOX 95 HAWESVILLE, KY 42348	HARRELL'S PO BOX 400 NORWAY, SC 29113	HARRELL'S INC P.O. BOX 807 LAKELAND, FL 33815
HELENA (RUSSELLVILLE) 95 UTILITY DRIVE RUSSELLVILLE, KY 42276	HELENA CHEMICAL 120 SETTLE RD. INMAN, SC 29349-7501	HELENA CHEMICAL PO BOX 366 SPRINGFIELD, KY 40069

TABLE 3 (Continued)

HELENA CHEMICAL CO. 3500 ST RT 1099 HICKMAN, KY 42050	HELENA CHEMICAL CO. 2301 EBACH STREET OWENSBORO, KY 42303	HELENA CHEMICAL COMPANY (COL) 225 SCHILLING BLVD. SUITE 300 COLLIERVILLE, TN 38017
HELM FERTILIZER 10150 HIGHLAND MANOR DR. SUITE 230 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	HINDMAN PRO MART RT. 160 BOX 1350 HINDMAN, KY 41822	HINTON, FRANK & SON P.O. BOX 10 PLUMMERS LANDING, KY 41081
HOLLAND BEAUTY CORP 8480 N. 87TH ST. MILWAKEE, WI 53224	HOMEGROWN HYDROPONICS INC #3, 15 MC CULLOCH AVE REXDALE, ON M9W 4M5	HONEYWELL P.O. BOX 1559 HOPEWELL, VA 23860
HOWARD JOHNSON'S ENT, INC 1301 INDUSTRIAL DRIVE NEOSHO, MO 64850	HOWARD JOHNSONS ENT., INC. 700 W. VIRGINIA ST. STE. 222 MILWAUKEE, WI 53204	HYDROLYSATE COMPANY OF AMERICA, LLC P.O. BOX 271 ISOLA, MS 38754
HYDROPONIC DISCOUNTERS POB 10034 300 ADELAID STREET BRISBANE, QUEENSLAND, AU 4000	HYPONEX CORP. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041	ICEC 10001 WOODLOCH FOREST DR SUITE 400 THE WOODLANDS, TX 77380
INSTA-GRO MANUFACTURING, INC. 8217 LINN HIPSHER RD. CALEDONIA, OH 43314	INTERNATIONAL CHEMICAL 1887 E 71ST STREET TULSA, OK 74136	J.R. SIMPLOT COMPANY (BOI) P.O. BOX 27 BOISE, ID 83707
JANES FERTILIZER & FARM SUPPLY 4540 EDMONTON RD. COLUMBIA, KY 42728	JEFFERSONVILLE RIVER TERMINAL 5130 PORT ROAD JEFFERSONVILLE, IN 47130	JOHNSON CITY CHEMICAL CO 316 BOHANNON AVE GREENVILLE, TN 37743
JOHNSON CITY CHEMICAL CO PO BOX 760 JOHNSON CITY, TN 37605	JOLLY FARMS LLC 2979 KINO RD. GLASGOW, KY 42141	JONATHAN GREEN & SONS P.O. BOX 326 FARMINGDALE, NJ 07727
JRM CHEMICAL 4881 NEO PKWY. CLEVELAND, OH 44128	JUNGLE LABORATORIES P.O. BOX 630 CIBOLO, TX 78108-0630	K +S NORTH AMERICA 201 EAST 42ND ST, SUITE 1808 NEW YORK, NY 10017
KEES FARM SVC . P.O. BOX 901 GRAYSON, KY 41143	KEG RIVER CHEMICAL CORP 10350 21 ST EDMONTON, AB T6P 1W4	KELLY PRODUCTS INC 10115 HWY 142, N COVINGTON, GA 30014
KENTUCKY FERTILIZER WORKS WINCHESTER, KY 40391	KEVIL GRAIN CO. POB 112 KEVIL, KY 42053-0112	KEYPLEX POB 2515 WINTER PARK, FL 32790
KNOX FERTILIZER CO., INC. P.O. BOX 248 W. CULVER ROAD KNOX, IN 46534	KOCH NITROGE INT (RESERVE) SARL 1342 HWY 44 RESERVE, LA 70084	KOCH NITROGEN COMPANY LLC (CRAW) 4576 US 231 NORTH CRAWFORDSVILLE, IN 49933
KOCH NITROGEN COMPANY LLC (HUNT) 502 EAST HOSLER ROAD HUNTINGTON, IN 46750	KOCH NITROGEN COMPANY LLC (MATT) 5051 E COUNTY RD MATTOON, IL 61938	KOCH NITROGEN COMPANY LLC (TAFT) 266 LOUISIANA HWY 3142 TAFT, LA 70057
KOCH NITROGEN COMPANY LLC (WALT) ROUTE 1 BOX 59A WALTON, IN 46994	KOCH NITROGEN COMPANY, LLC P.O. BOX 2900 4111 EAST 37TH STREET NORTH WICHITA, KS 67220	KOCH NITROGEN INT'L - RESERVE LA 1342 HIGHWAY 44 RESERVE, LA 70084

TABLE 3 (Continued)

KOCH NITROGEN INT'L - TAFT LA POB 1028 TAFT, LA 70057	KOCH NITROGEN INT'L - CRAWFORDSVILLE 4904 US 231 CRAWFORDSVILLE, IN 47933	KOCH NITROGEN INT'L SARL P.O. BOX 2900 WICHITA, KS 62701-2900
KOCH NITROGEN INT'L-DONALDSVILLE LA 39018HIGHWAY 3089 DONALDSVILLE, LA 70346	KRESTI A. LYDDON, CONSULTING 9980-230 S+N SCANDEA, MN 55273	LAMINATIONS, INC. 1300 MEYLERT AVE SCRANTON, PA 18509
LAND O'LAKES PURINA FEED LLC POB 64281 ST. PAUL, MN 55164-0281	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
LAWSON PRODUCTS INC 600 CORPORATE WOODS VERNON HILLS, IL 6001-3165	LEBANON SEABOARD CORP 1600 E. CUMBERLAND ST. LEBANON, PA 17042	LESCO INC. 1301 EAST 9TH STREET STE. 1300 CLEVELAND, OH 44114-1849
LIDOCHEM INC 20 VILLAGE COURT HAZLET, NJ 07730	LILLY MILLER BRANDS P.O. BOX 2289 CLACKAMAS, OR 97015	LILLY MILLER BRANDS 15750 N LOMBARD ST, STE 200 PORTLAND, OR 97203
LILLY MILLER BRANDS 1340 TREAT BLVD, STE 650 WALNUT CREEK, CA 94597	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	MANNCO FERTILIZER INC 1010 HOGAN LN, SUITE 5 CONWAY, GA 72034	MARS FISHCARE NORTH AMERICA INC PO BOX 218 CHALFONT, PA 18914
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 RESOURCES P.O. BOX 191 KILGORE, TX 75662	MARTIN RESOURCES (IL) 580 E SHIPYARD RD POB 1110 SENECA, IL 61360	MASTERBLEND INTERNATIONAL LLC P.O. BOX 365 ELWOOD, IL 60421
MATHIS FARM SUPP. 5799 SHAW RD. MELBER, KY 42069	MAUGET, J.J. CO., INC. 5435 PECK RD. ARCADIA, CA 91006-5847	MAYFIELD GRAIN CO. 313 N 9TH ST. MAYFIELD, KY 42066
MAYFIELD GRAIN HWY 94 2559 STATE RT 94W WINGO, KY 42088	MAYSLICK MILL 6538 US 68 MAYSLICK, KY 41055	MEIJER (GRAND) 2929 WALKER NW GRAND RAPIDS, MI 49544
MFA, INC. 201 RAY YOUNG DR. COLUMBIA, MO 65201-3599	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	MICHIGAN PEAT CO. P.O. BOX 980129 HOUSTON, TX 77098-0129	MIDWEST AGRI-CHEMICO INC. P.O. BOX 1717 4868 NASH CAPE GIRARDEAU, MO 63702
MILES (FELTY) CROP SVC. 230 E. FIRST ST PO BOX 186 BEAVER DAM, KY 42320	MILES (OWENS) FARM SUPPLY 1911 OLD CALHOUN RD HWY 81 OWENSBORO, KY 42301	MILES (OWENSB) (RIVERPORT) 2700 RINALDO RD OWENSBORO, KY 42301
MILES BIG RIVERS AGRI SUPPLY P.O. BOX 22879 OWENSBORO, KY 42304	MILES FARM CENTER (CYN) 430 N MAIN STRET P. O. BOX 310 CYNTHIANA, KY 41031	MILES FARM CENTER (EKR) P.O. BOX 10 EKRON, KY 40117

TABLE 3 (Continued)

MILES FARM CENTER (LEB) P.O. BOX 493 LEBANON, KY 40033	MILES FARM CENTER (SAC) P.O. BOX 229 SACRAMENTO, KY 42372	MILES FARM CENTER (SHEL) P.O. BOX 488 SHELBYVILLE, KY 40065
MILES FARM SUPPLY (OWEN) P.O. BOX 22879 OWENSBORO, KY 42301	MILES FARM SUPPLY (UPT) P.O. BOX 108 UPTON, KY 42784	MILES FARM-WHOLESALE FERT P.O. BOX 22879 OWENSBORO, KY 42304-2379
MILES FRANKLIN CROP SVC. 2169 SPRINGFIELD RD. FRANKLIN, KY 42134	MILES-GLENDALE FARM SVC. P.O. BOX 355 GLENDALE, KY 42740	MILLER CHEMICAL & FERT. P.O. BOX 333 RADIO ROAD HANOVER, PA 17331
MILLERS LAWN CARE 755 BUZZARD ROOST RD. SHELBYVILLE, KY 40065	MILLERSBURG FERT. CO. P.O. BOX 284 MILLERSBURG, KY 40348	MILORGANITE DIV. MMSD P.O. BOX 3049 MILWAUKEE, WI 53201-3049
MINERAL PROCESSING 1855 CH 99 CAREY, OH 43316-3049	MINERAL VISIONS INC 11833 RAVENNA RD CHARDON, OH 44024	MINERAL VISIONS INC POB 177 WEDRON, IL 60557
MIRACLE GRO LAWN PRODUCTS 14111 SCOTTSLAWN ROAD MARYSVILLE, OH 43041	MISSISSIPPI PHOSPHATES CORP P.O. BOX 848 PASCAGOULA, MS 39568-0848	MISSISSIPPI VALLEY AG 5217 GUTHRIE HWY CLARKSVILLE, TN 37040
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 8813 HWY 41 S RIVERVIEW, FL 33569	MULTI CROP PRODUCTS 4800 STRAWBERRY LN LOUISVILLE, KY 40209	NA-CHURS/ALPINE SOLUTIONS 421 LEADER ST. MARION, OH 43302-9989
NATURE'S PERFECT BLEND 1870 FENCE ROAD DACULA, GA 30019	NCA BIOTECH 3406 POMONA BL POMONA, CA 91768	NEW PLANT LIFE 345 E. HUPP ROAD LA PORTE, IN 46350
NILEFOS WEST INC 8905 N 81ST AVE OMAHA, NE 68122	NORTH COUNTRY ORGANICS PO BOX 372 BRADFORD, VT 05033	NORTH PACIFIC PO BOX 3968 PORTLAND, OR 97208
NORTH PACIFIC 10200 SW GREENSBURG RD PORTLAND, OR 97223	NORTH STAR MINERALS (AWE CO) 3893 HERITAGE AVE OLAMOS, MI 48864	NOVOZYMES BIOLOGICALS, INC 5400 CORPORATE CIRCLE SALEM, VA 24153
NULEX, INC 1919 GRAND AVE. SIOUX CITY, IA 51106	NUTRA-FLO CO 1919 GRAND AVE. SIOUX CITY, IA 51107	NUTRECOLOGY, INC 19500 HWY 249, SUITE 245 HOUSTON, TX 77070
NUTRIENTS PLUS LLC 1209 EGRET PT VIRGINIA BEACH, VA 23454	OAKLEY FERTILIZER INC POB 935 312 S. FIR STREET BEEBE, AR 72012	OCEAN CREST SEAFOODS, INC. 88 COMMERCIAL ST. GLOUCESTER, MA 01930
OHIO EARTH FOOD INC 5488 SWAMP STREET NE HARTVILLE, OH 44632	OLDCASTLE LAWN & GARDEN PO BOX 501418 ATLANTA, GA 31150	OLDCASTLE LAWN & GARDEN 101 WEST MAIN ST, SUITE 200 LAKELAND, FL 33815
OLDCASTLE RETAIL (ATLANTA) 375 NORTHRIDGE RD., SUITE 250 ATLANTA, GA 30350	OLDCASTLE STONE PRODUCTS 550 S BIESECKER RD. THOMASVILLE, PA 17364	OLDFIELD, J.A. & SON US HWY 460 WEST MIZE, KY 41352

TABLE 3 (Continued)

PADUCAH-MCCRACKEN RVRPORT AUTHORITY 125 LOCUST DR. PO BOX 2302 PADUCAH, KY 42002 PCS SALES (USA), INC. 1101 SKOKIE BLVD SUITE 400 NORTHBROOK, IL 60062	PARRISH SHOP/SALES 8834 LARUE RD. HENDERSON, KY 42420  PEATLAND GARDEN PRODUCT BLDG R-2-6 3999 E HUPP ROAD LAPORTE, IN 46350	PBI GORDON CORP 1217 W 12TH ST PO BOX 014090 KANSAS CITY, MO 64101 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	PETERS, J.R. 6656 GRANT WAY ALLENTOWN, PA 18106
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 FOOD COMPANY INC 38 HIGHTSTOWN-CRANBURY STATION RD CRANBURY, NJ 08512	PLANT HEALTH CARE INC 285 KAPPA DRIVE, SUITE 100 PITTSBURGH, PA 15238
PLANT PRODUCTS CO, LTD 314 ORENDA RD. BRAMPTON, ON L6T 1G1	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	POLSON FARM SUPPLY 8202 SULPHUR WELL- KNOBLICK RD. KNOBLICK, KY 42154	POORE, C D FERTILIZER 708 BURKESVILLE RD. ALBANY, KY 42602
POTASH IMPORT & CHEMICAL CORP 201 E. 42ND ST., STE 1808 NEW YORK, NY 10017	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 SOL P.O. BOX 1589 OZARK, AL 36361	PROGRESSIVE TURF LLC POB 194 ITALY, TX 76651	QUALITY BORATE COMPANY 3690 ORANGE PLACE STE 495 CLEVELAND, OH 44122
R3 AG CONSULTING LLC 1629 POLLASKY #111 CLOVIS, CA 93612	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	REFORESTATION TECHNOLOGIES INT'L 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	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

TABLE 3 (Continued)

RIVER CITY LANDSCAPE SUPPLY 1 RIVERVIEW AVENUE SAUGET, IL 62201	ROCKY MOUNTAIN BIO PRODUCTS 10801 E 54TH AVE DIV OF BOWMAN CONST DENVER, CO 80239	ROD MCLELLAN COMPANY 14111 SCOTTSLAWN ROAD MARYSVILLE, OH 43041
ROGERS FERTILIZER & SERVICES 836 W MAIN ST. LEBANON, KY 40033	ROLF C HAGEN (USA) CORP 305 FORBES BLVD MANSFIELD, MA 02048	ROOTBLAST INTERNATIONAL INC P.O. BOX 20109 CANTON, OH 44707
ROTEM BKC LLC (CREVE) 822 EMERSON RD. SUITE 500 CREVE COEUR, MO 63141	ROTEM BKG LLC 95 MCCORKLE AVENUE SOUTH CHARLESTON, WV 25303	RUDOLPH FARM SUPPLY, INC 521 E. MAIN ST. SALEM, KY 42078
RUSSELLVILLE CROP SERVICE P.O. BOX 8 MORGANTOWN ROAD RUSSELLVILLE, KY 42276-0008	SCHOCHOH CROP 5240 HALL STORE RD. RUSSELLVILLE, KY 42276	SCHULTZ CO. 13260 CORP. EXCHANGE DR. PO BOX 4406 BRIDGETON, MO 63044
SCOTTS MIRACLE-GRO PRODUCTS, INC 14111 SCOTTSLAWN ROAD MARYSVILLE, OH 43041	SCOTTS SIERRA 14111 SCOTTSLAWN RD. MARYSVILLE, OH 43041	SEACHEM LABORATORIES 1000 SEACHEM DR. MADISON, GA 30650
SECURITY SEED & CHEM. LLC 102 ROBINS WAY RUSSELLVILLE, KY 42276	SECURITY SEED & CHEMICAL 795 BUTTERWORTH ROAD MURRAY, KY 42071	SECURITY SEED & CHEMICAL CO. 3530 EAGLE WAY BYPASS HOPKINSVILLE, KY 42240
SECURITY SEED & CHEMICAL LLC 3110 JEWELL CITY RD SLAUGHTERS, KY 42456	SECURITY SEED/CHEMICAL 5217 GUTHRIE HWY CLARKSVILLE, TN 37040	SHELLEY, W.H. 3352 COLFAX ROAD HILLSBORO, KY 41049
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	SOUTHWEST LANDMARK 5867 DAY HILL ROAD GEORGETOWN, OH 45121	SOUTHWEST LANDMARK P.O. BOX 189 XENIA, OH 45385
SOUTHWEST LANDMARK, INC 818 S US RT 42 LEBANON, OH 45036-0117	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	SQM NORTH AMERICA 4101 TOWERCREEK PKWY. STE. 450 ATLANTA, GA 30339	SS (BARD) BARDSTOWN SVC 403 CATHEDRAL MANOR BARDSTOWN, KY 40004
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 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 (DANV) COOP BOYLE BR 1244 LEBANON RD. DANVILLE, KY 40422	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



TABLE 3 (Continued)

SS (EMIN) INC KNTCKANA SVC-HENRY BR 760 ELM ST. EMINENCE, KY 40019-9801	SS (FLEM) FLEMINGSBURG 658 WEST WATER PO BOX 167 FLEMINGSBURG, KY 41041	SS (FRAN) SIMPSON COOP 301 FINN ST. PO BOX 528 FRANKLIN, KY 42134
SS (GEOR) GEORGETOWN COOP 1141 PARIS RD. GEORGETOWN, KY 40324	SS (GLAS) GLASGOW COOP 300 SAMSON ST. GLASGOW, KY 42141	SS (GREE) GREENVILLE KY SVC 212 W. DEPOT ST. GREENVILLE, KY 42345
SS (HARD) BRECK SERVICE 122 OLD HWY. 60 HARDINSBURG, KY 40143	SS (HARR) CNTRL KY SVC 1027 N. COLLEGE HARRODSBURG, KY 40330	SS (HEND) HENDERSON COOP 5290 HWY 425 BYPASS HENDERSON, KY 42420
SS (HODG) HARDIN COOP HODG BR SVC 310 W. WATER ST. HODGENVILLE, KY 42748	SS (HOPK) HOPKINSVILLE COOP 501 E. 13TH ST. HOPKINSVILLE, KY 42240	SS (HORS) HORSE CAVE COOP 1104 S. DIXIE ST. HORSE CAVE, KY 42749
SS (LAGR) KY SVC BR-LAGRANGE BR 112 S. FIRST ST. LAGRANGE, KY 40031	SS (LAWR) ANDERSON FRANKLIN SVC BR 1241 GLENSBORO RD. LAWRENCEBURG, KY 40342	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	SS (LEXI) LEXINGTON COOP 949 PINE ST. LEXINGTON, KY 40508	SS (LIBE) LIBERTY SVC HC 65, BOX 155 225 S WALLACE WILKINSON BLVD LIBERTY, KY 42539
SS (LOND) LONDON COOP 1208 BARBOURVILLE STREET LONDON, KY 40741	SS (MAYS) MAYSVILLE COOP 1325 CLYDE BARBOUR HWY PO BOX 668 MAYSVILLE, KY 41056-0668	SS (MORG) MORGANFIELD COOP 304 N. TOWNSEND ST. MORGANFIELD, KY 42437
SS (MURR) CALLOWAY SVC P.O. BOX 750 MURRAY, KY 42071	SS (NICH) NICHOLASVILLE SVC 309 N THIRD STREET NICHOLASVILLE, KY 40356	SS (OWEN) COOP OWENSBORO 3231 CARTER ROAD OWENSBORO, KY 42301
SS (OWEN) 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 OWENSBORO-CARTER 3237 CARTER RD OWENSBORO, KY 42301
SS SEBREE BRANCH 1112 HWY 41 N SEBREE, KY 42455	STANLEY AG SERVICE LLC P.O. BOX 37 STANLEY, KY 42375	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	SUMMERS ORGANIZATION LLC 345 E MAIN STREET, STE H JACKSON, OH 45640	SUMMIT RESPONSIBLE SOLUTIONS 235 S KRESSON ST. BALTIMORE, MD 21117

TABLE 3 (Continued)

SUN BULB COMPANY, INC. P.O. DRAWER 698 ARCADIA, FL 34265	SUN GRO HORTICULTURE DISTRIBUTING 15831 NE 8TH STREET SUITE 100 BELLVUE, WA 98008	SUNSHINE PAPER COMPANY 12601 E. 33RD AVE #109 AURORA, CO 80011
SUPERGRO OF VIRGINIA CHILHOWIE, VA 24319	SUSTANE/NATURAL FERTILIZER P.O. BOX 19 310 HOLIDAY AVE CANNON FALLS, MN 55009	SWISS FARMS PRODUCTS, INC. 3773 HOWARD HUGHES PKWY. STE. 300-N LAS VEGAS, NV 89109
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,
T-TECH COMPANY P.O. BOX 190 HUMBOLDT, TN 38343	TAYLOR, G.M. SEED CO. 618 MILITARY ST. GEORGETOWN, KY 40324	TECHNOLOGY SCIENCES GROUP INC 712 FIFTH STREET, SUITE A DAVIS, CA 95616
TENNESSEE FARMERS COOP 200 WALDRON RD. PO BOX 3003 LAVERGNE, TN 37086	TERRA NITROGEN CORP. PO BOX 6000 SIOUX CITY, IA 51102	TERRACYCLE INC 121 NEW YORK AVENUE TRENTON, NJ 08638-5201
TESSENDERLO KERLEY 2255 N. 44TH ST. STE. 300 PHOENIX, AZ 85008	TETRA MICRONUTRIENTS 230 SPRING HILL DR, STE. 310 THE WOODLANNDS, TX 77386	TETRA SALES, USA 3001 COMMERCE ST. BLACKSBURG, VA 24060
THE ANDERSONS 2345 SOUTH 400 EAST LOGANSPOUT, IN 46947	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 FERTRELL COMPANY P.O. BOX 265 BAINBRIDGE, PA 17502	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	THE WONDER COMPANY PO BOX 142642 ST. LOUIS, MO 63114
THOMAS CAYCE FARM SUPPY, 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	TRACE CHEM INC. 839 BRENKMAN DR. PEKIN, IL 61554-1522	TRACTOR SUPPLY (ELIZ) 1511 N DIXIE HWY ELIZABETHTOWN, KY 42701
TRANSAMMONIA INC 4211 W. BOYSCOUT BLVD TAMPA, FL 33607	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 DRIVE LEWIS CENTER, 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	TURF CARE SUPPLY CORP. 50 PEARL RD. UNIT 200 BRUNSWICK, OH 44212

TABLE 3 (Continued)

TURF REVOLUTION 122 EARL THOMPSON AYR, ON N0B 1E0	TURF SCIENCE LABORATORIES 980 RANCHEROS DR SAN MARCOS, CA 92069	TURFGRASS, INC. 46495 HUMBOLT DR NOVI, MI 48377-2446
TWO RIVERS, INC 7158 STREET ROUTE 70E DRAKESBORO, KY 42337	U.S. AG ASSOCIATES, INC. PO BOX 19663 HOUSTON, TX 77224	U.S. BORAX INC. C/O RTSS PO BOX 6609 ENGLEWOOD, CA 80155
U.S. GYPSUM CO. DEPT. 440, 550 W. ADAMS CHICAGO, IL 60661-3676	UF GRANULAR FERTILIZERS 132 POSTAL RD MORRAL, OH 43337	UNCO INDUSTRIES INC. 7802 OLD SPRING RACINE, WI 53406
UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114	UNITED SUPPLIERS P.O. BOX 538 ELDORA, IA 50627	UNIVERSAL COOP INC. 1300 CORPORATE CENTER CURVE EAGAN, MN 55121-1233
VALLEY FARM CTR INC. 1314 N. MAIN ST. MONTICELLO, KY 42633	VALLEY FERTILIZER SVC. P.O. BOX 180 EDMONTON, KY 42129	VERDANT BRANDS, INC. 9100 W BLOOMINGTON FWY STE 113 BLOOMINGTON, MN 55431-2263
VOLUNTARY PURCHASING 230 FM 87 BONHAM, TX 75418	WABASH VALLEY SERVICE CO. 380 MAIN ST. OLD SHAWNEETOWN, IL 62984	WABASH VALLEY SERVICE COMPANY 909 NORTH COURT GRAYVILLE, IL 62844
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	WILBUR-ELLIS COMPANY 7 E. WASHINGTON AVE. YAMKIMA, WA 98903
WILSON FARM SUPPLY, INC 4919 S. HWY. 837 NANCY, KY 42544	WILSON LABORATORIES 5300 HARVESTOR RD. BURLINGTON, ONTARIO, CN L7L 5N5	WINFIELD SOLUTIONS LLC PO BOX 64589 ST. PAUL, MN 55164
WINSTON COMPANY 7704 E 38TH STREET TULSA, OK 74145	WINSTON WEAVER CO, INC P.O. BOX 17366 WINSTON-SALEM, NC 27116-7366	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	WORM POWER JENKS ROAD AVON, NY 14414
WORM POWER (ADMIN) 32 HERITAGE RD. GENESE0, NY 14454	X-SEED, INC. 14585 31ST STREET CLEAR LAKE, MN 55319	YARA NORTH AMERICA 100 N. TAMPA ST, STE 3200 TAMPA, FL 33602

TABLE 3 (Continued)

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YARA PHOSYN LTD.  
MANOR PLACE, WELLINGTON RD.  
THE INDUSTRIAL ESTATE  
POCKLINGTON, YORK, UK Y0421DN

ZAHIGIAN, LYNNE REG. CONSULTING  
P.O. BOX 1566  
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