



AGRICULTURAL EXPERIMENT STATION
UNIVERSITY OF KENTUCKY-COLLEGE OF AGRICULTURE

REGULATORY BULLETIN No. 305

ANNUAL REPORT ANALYSES OF OFFICIAL FERTILIZER SAMPLES

JULY 2007 – JUNE 2008



Dream Challenge Succeed

UNIVERSITY OF KENTUCKY
COLLEGE OF AGRICULTURE
An Equal Opportunity University

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INTRODUCTION

This bulletin presents the results of the analysis of 2,798 official samples of commercial fertilizer taken during the period of July 1, 2007 through June 30, 2008 by the field inspection staff. The samples represented approximately 60,000 tons of fertilizer out of the approximately 846,000 tons sold during this period. The Laboratory made 2,464 nitrogen, 2,080 phosphorus, 2,249 potassium and 1,396 chloride, secondary and minor element and certain other analyses on these samples. The results of N, P₂O₅, K₂O, and maximum chloride analyses of samples of mixed fertilizers and fertilizer materials and certain statistical analyses are in Table 1. Table 2 contains the results of secondary and minor element and certain other analyses and Table 3 is a listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of June 30, 2008.

EXPLANATION OF TABLES

Table 1.

Sample Data—

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

GRADE: The registrant's whole number guarantee is expressed as the grade: N - P₂O₅ - K₂O. For custom mixes with fractional guarantees this represents the whole number part of the guarantee.

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

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

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

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

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

A 6-24-24 fertilizer is guaranteed to contain 6% N, 24% P₂O₅, and 24% K₂O. A “Guaranteed Value” and a “Found Value” are computed for the fertilizer by using the following example commercial values: N - \$4.00, P₂O₅ - \$3.80, and K₂O (Non-Tobacco) - \$1.60. The “Guaranteed Value” is calculated as follows:

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

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

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

The relative value (RV) is then computed by dividing the “Found Value” by the “Guaranteed Value” and 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% P₂O₅ may both be shown as containing 9.1%. One of these may have an asterisk (*) and the other may not. There are two situations which may cause this apparent discrepancy:

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

(2) The grade as printed is the largest whole number in the guarantee of each ingredient, that is, any decimal is dropped before the table is printed. For example, a custom-mixed lot of fertilizer may be guaranteed 11.9% P_2O_5 and 11.2% K_2O . The grade would be printed 0-11-11. However, the investigational allowances are applied on the basis of the 11.9% and 11.2% guarantees. If this custom mixed fertilizer analyzed 10.9% P_2O_5 and 10.9% K_2O , only the 10.9% P_2O_5 would be marked (*) because it is below the 11.9% guarantee by more than the investigational allowance.

TYPE: The codes for type are:

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

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

MAT - A fertilizer material such as muriate of potash.

CM - A custom-mixed blended fertilizer.

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

Statistical Analyses --

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

- (1) When one grade of a company was sampled 5 or more times or
- (2) when 10 or more total samples were obtained from a company. The terms used are self explanatory; however, the following additional explanation is considered helpful.

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

Deficiency Rate is calculated by dividing the number of samples with one or more deficiencies in N, P_2O_5 , K_2O or RV by the total number of samples and multiplying by 100.

Tables 2 and 3 - Self Explanatory

INVESTIGATIONAL ALLOWANCES

Primary Nutrients

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

Guaranteed %	Total Nitrogen (N) %	Available Phosphate (P ₂ O ₅) %	Soluble Potash (K ₂ 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
≤ 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 a relative value deficiency, only the larger penalty shall apply; however, in no case shall the penalty exceed the total value of the fertilizer.

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

SECONDARY AND MINOR ELEMENTS

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

EXCESS CHLORINE IN TOBACCO FERTILIZERS

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

Any penalty assessed for a deficiency in N, P₂O₅, K₂O, or RV shall be added to any penalty assessed for a deficiency in the secondary and minor elements or excess in chlorine and the total shall be paid by the registrant to the consumer of the lot of fertilizer represented by the sample within three months after the date of notice from the Director, receipts taken therefore and promptly forwarded to the Director. If said consumer cannot be found, the amount of the penalty payments shall be paid to the Kentucky Agricultural Experiment Station within three months after the date of the notice from the Director to the registrant and set aside (1) for purchase of equipment for the sampling, handling, analyzing and reporting of results of analyses of official samples and (2) for the education of the Kentucky fertilizer industry on the newest methods in manufacturing blended fertilizers. If the lot of fertilizer is on hand at a retail location the penalty payments assessed under this section shall be used to reduce the retail price of the fertilizer if it is to be relabeled and sold.

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

MAXIMUM CHLORINE GUARANTEE FOR TOBACCO FERTILIZERS

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

Chlorine (Cl) Maximum	50 lb./acre
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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
2007 AND 2008**

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

Nutrient	2007	2008
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$8.39	\$11.81
Avail. Phosphate (P ₂ O ₅)	\$8.61	\$15.66
Soluble Potash (K ₂ O)		
Tobacco (Low CL)	\$7.50	\$9.49
Non-Tobacco	\$4.27	\$6.93
Calcium (Ca)	\$6.01	\$11.50
Magnesium	\$11.52	\$13.19
Sulfur (S)	\$5.39	\$5.51
Boron (B)	\$66.25	\$67.10
Copper (Cu)	\$131.90	\$102.38
Iron (Fe)	\$7.63	\$12.45
Manganese (Mn)	\$22.90	\$20.68
Molybdenum (Mo)	\$18.05	\$18.05
Zinc (Zn)	\$31.52	\$35.65

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

Kentucky Official NPK Samples for 2007-08
Summary of Certain Sample Characteristics Combined By Form and By Type

FORM	TYPE	Samples Number	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate, %	RV MEAN
BAG	BLENDED GRADE	670	24	2,526	4	20	102
BAG	MANUFACTURED	54	2	790	1	22	106
BAG	MATERIAL	16	1	210	0	0	100
BULK	BLENDED GRADE	4	0	56	0	25	101
BULK	MANUFACTURED	9	0	176	0	0	109
BULK	MATERIAL	643	23	49,420	83	0	100
BULK	CUSTOM MIX	1,293	47	5,122	9	5	101
LIQUID	BLENDED GRADE	31	1	214	0	6	109
LIQUID	MANUFACTURED	8	0	35	0	38	95
LIQUID	MATERIAL	27	1	1,219	2	0	100
LIQUID	CUSTOM MIX	4	0	15	0	0	108
SUMMARY		2,759	100	59,782	100	8	102

Kentucky Official NPK Samples for 2007-08
Summary of Certain Sample Characteristics By Form and By Type

FORM	TYPE	No. Samples	N Tests Sum	N Test Def. Rate	P Tests Sum	P Test Def. Rate	K Tests Sum	K Test Def. Rate	Sample Def. Rate, %	RV MEAN	Ave Lot Size Per Smp	Total Tons Sampled
BAG	.	740	732	9	671	9	716	7	19	103	5	3,526
BULK	.	1,949	1,663	1	1,377	2	1,496	1	3	101	28	54,774
LIQUID	.	70	69	1	32	6	37	5	7	104	21	1483
	BLENDED GRADE	705	697	9	649	10	699	6	19	103	4	2,796
	MANUFACTURED	71	70	1	60	2	61	18	21	105	14	1,001
	MATERIAL	686	421	0	242	1	243	0	0	100	74	50,848
	CUSTOM MIX	1,297	1,276	2	1,129	3	1,246	2	5	101	4	5,137
SUMMARY		2,759	2,464	4	2,080	5	2,249	3	3	8	102	59,782
NPK SAMPLES ONLY		2,798	2,464	4	2,080	5	2,249	3	3	10	101	59,985

Monday, December 08, 2008

TOTAL FERTILIZER SUMMARY
DIVISION OF REGULATORY SERVICES UNIVERSITY OF KENTUCKY
From July, 2007 To June, 2008

	<u>CONTAINER</u>			<u>USE</u>		
	TOTAL	BAG	BULK	LIQUID	FARM	NON-FARM
MULTI-NUTRIENT	248,437.28	57,071.47	164,611.93	26,753.87	219,124.7	29,312.5
NITROGEN	374,119.66	14,114.53	153,148.23	206,856.90	373,603.1	516.56
PHOSPHATE	3,394.88	110.89	3,245.61	38.38	3,282.30	112.58
POTASH	180,155.93	1,119.30	178,904.85	131.78	179,479.9	676.03
ORGANICS	20,506.62	3,533.59	16,969.73	3.30	16,668.11	3,838.51
SEC/MICRO	2,053.71	1,162.82	741.36	149.53	1,766.30	287.42
MISCELLANEOUS	19,618.21	2,413.60	16,528.95	675.66	18,002.59	1,615.62
TOTAL	848,286.28	79,526.20	534,150.66	234,609.43	811,927.04	36,359.24

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

AG DISTRIBUTORS, INC. NASHVILLE TN 37209								
00-00-60	80737	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	80770	0.00	0.00	61.00		102	Mat	Bulk
00-00-60	81323	0.00	0.00	58.91		98	Mat	Bulk
08-24-24	81933	10.58	27.08	23.10		111	Blend	Bag
10-10-10	81327	9.12	10.29	9.52		97	Blend	Bag
10-10-10	81935	9.13	9.86	9.69		96 *	Blend	Bag
11-52-00	80768	11.01	51.69	0.00		99	Mat	Bulk
15-15-15	81326	14.67	15.49	16.81		103	Blend	Bag
15-15-15	81934	15.56	14.29	15.30		100	Blend	Bag
18-46-00	80771	17.73	45.98	0.00		100	Mat	Bulk
18-46-00	81324	17.93	45.73	0.00		99	Mat	Bulk
19-19-19	80835	19.44	20.56	18.12		104	Blend	Bag
34-00-00	80736	33.42	0.00	0.00		98	Mat	Bulk
34-00-00	81322	33.74	0.00	0.00		99	Mat	Bulk
46-00-00	80769	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	81325	45.96	0.00	0.00		100	Mat	Bulk
46-00-00	81525	46.10	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.06	102.20	99.89				
ALL SAMPLES,CV %		9.53	5.27	5.32				
NUMBER OF ANALYSIS		14	9	9				
Deficiency Rate = 5.88 %								

AG/GRO FERTILIZER CO. (HILL ST.) WINCHESTER KY 40391								
00-00-60	80832	0.00	0.00	60.27		100	Mat	Bulk
00-20-20	82811	0.00	20.86	19.31		102	Blend	Bag
00-20-20	82838	0.00	20.90	21.37		105	Blend	Bag
05-10-10	81809	4.78	9.15	10.45		96 *	Blend	Bag
05-10-10	81811	4.85	8.66 *	8.92 *		89 *	Blend	Bag
05-10-10	82386	4.65	9.02 *	9.44		92 *	Blend	Bag
05-10-15	81509	5.11	9.90	15.05		100	Blend	Bag
05-10-15	82549	4.27 *	9.50	16.09		98	Blend	Bag
05-10-15	82645	5.27	9.86	14.20		98	Blend	Bag
05-10-15	82812	5.12	9.70	14.43		98	Blend	Bag
05-10-15	82813	5.12	9.67	14.43		97	Blend	Bulk
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade : 5								
Average Analysis :		4.98	9.73	14.84		98.3		
CV, %		8.06	1.65	5.17				
05-20-20	81396	7.38	19.71	19.81		104	Blend	Bag
05-20-20	81450	7.97	20.98	20.81		111	Blend	Bag
05-20-20	81519	7.76	20.19	18.95		106	Blend	Bag
05-20-20	81805	8.29	21.42	19.86		112	Blend	Bag
06-12-12	81452	6.39	11.79	12.70		102	Blend	Bag
06-12-12	81800	6.90	12.28	13.55		108	Blend	Bag
06-12-12	81804	5.92	12.02	11.92		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
AG/GRO FERTILIZER CO. (HILL ST.) WINCHESTER KY 40391								
06-24-24	82389	9.24	23.89	23.51		105	Blend	Bag
06-24-24	82495	7.74	21.74 *	27.19		101	Blend	Bag
09-18-27	82810	8.98	17.54	27.57		100	Blend	Bag
10-10-10	80111	9.78	11.27	13.59		111	Blend	Bag
10-10-10	81154	9.20	10.91	10.44		102	Blend	Bag
10-10-10	81163	10.02	9.87	11.30		102	Blend	Bag
10-10-10	81398	9.91	11.38	10.14		106	Blend	Bag
10-10-10	81451	10.20	11.76	10.54		110	Blend	Bag
10-10-10	81499	8.13 *	10.96	9.15 *		96 *	Blend	Bag
10-10-10	81510	10.59	11.78	9.76		110	Blend	Bag
10-10-10	81515	10.80	9.84	9.34		101	Blend	Bag
10-10-10	81739	9.49	10.56	10.12		101	Blend	Bag
10-10-10	81799	10.68	10.93	10.04		107	Blend	Bag
10-10-10	81810	10.56	10.25	10.03		103	Blend	Bag
10-10-10	82363	10.13	10.05	10.16		101	Blend	Bag
10-10-10	82374	10.57	10.16	11.68		106	Blend	Bag
10-10-10	82387	10.67	10.92	10.99		108	Blend	Bag
10-10-10	82809	9.03 *	9.12	11.10		95 *	Blend	Bulk
10-10-10	82837	10.10	10.54	9.78		102	Blend	Bag
10-10-10	82839	9.89	10.59	10.64		104	Blend	Bag
10-10-10	82874	10.07	10.62	9.40		102	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 18								
Average Analysis :		9.99	10.64	10.46		103.7		
CV, %		6.88	6.5	9.96				
12-12-12	80938	11.31	13.12	12.05		102	Blend	Bag
12-12-12	81738	11.36	12.90	12.13		102	Blend	Bag
12-12-12	81813	12.73	12.48	12.25		104	Blend	Bag
12-12-12	82384	10.57 *	10.78 *	12.56		92 *	Blend	Bag
12-12-12	82388	11.72	11.76	12.34		99	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade : 5								
Average Analysis :		11.54	12.21	12.27		99.9		
CV, %		6.83	7.81	1.62				
14-32-11	82364	14.32	32.38	11.25		102	Blend	Bag
14-32-11	82875	14.46	32.51	10.75		102	Blend	Bag
15-15-15	80937	14.55	16.82	15.03		105	Blend	Bag
15-15-15	81395	15.61	14.73	15.61		101	Blend	Bag
15-15-15	82365	13.59 *	16.57	14.16		100	Blend	Bag
15-15-15	82385	15.45	14.24	15.66		100	Blend	Bag
18-00-24	82666	18.72	0.00	24.50		100	CM	Bulk
18-09-18	81394	18.42	9.05	18.19		101	Blend	Bag
18-46-00	80833	17.56	45.80	0.00		99	Mat	Bulk
19-00-19	81399	17.25 *	0.00	21.72		99	Blend	Bag
19-00-19	81400	18.37	0.00	20.94		102	Blend	Bulk
19-00-19	82873	18.07	0.00	19.27		97	Blend	Bag
19-19-19	80935	19.01	19.96	20.15		104	Blend	Bag
19-19-19	80936	19.16	19.22	19.33		101	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	81153	20.25	19.86	18.11		103	Blend	Bag
19-19-19	81449	19.37	19.80	19.54		103	Blend	Bag
19-19-19	81801	18.85	20.87	19.06		104	Blend	Bag
19-19-19	81812	19.47	20.54	19.74		105	Blend	Bag
19-19-19	82366	19.01	19.87	19.60		103	Blend	Bag
19-19-19	82375	19.70	20.31	18.40		104	Blend	Bag
19-19-19	82494	19.82	19.67	20.22		104	Blend	Bag
19-19-19	82643	18.88	17.92	20.19		98	Blend	Bag
19-19-19	82758	18.91	21.72	19.52		107	Blend	Bag
19-19-19	82840	18.98	18.75	20.20		101	Blend	Bag
19-19-19	82876	19.22	19.35	19.30		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 13								
Average Analysis :		19.28	19.83	19.49		103.0		
CV, %		2.22	4.79	3.44				
22-00-00	82367	22.78	0.00	0.00		104	Blend	Bag
22-00-00	82390	22.26	0.00	0.00		101	Blend	Bag
27-00-00	81483	26.65	0.00	0.00		99	Mat	Bag
27-00-00	81487	26.53	0.00	0.00		98	Mat	Bag
27-00-00	81495	26.55	0.00	0.00		98	Mat	Bag
27-00-00	81508+	26.92	0.00	0.00		100	Mat	Bag
27-00-00	82371	26.84	0.00	0.00		99	Mat	Bag
27-00-00	82872+	27.63	0.00	0.00		102	Mat	Bag
Statistical Analysis for Grade : 27-00-00								
Number of Samples This Grade : 6								
Average Analysis :		26.85	0.00	0.00		99.5		
CV, %		1.53	0	0				
34-00-00	81498	33.99	0.00	0.00		100	Mat	Bag
34-00-00	81516	34.50	0.00	0.00		101	Mat	Bag
46-00-00	80834	45.92	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.86	102.54	102.51				
ALL SAMPLES, CV %		14.73	6.57	6.76				
NUMBER OF ANALYSIS		77	64	68				
Deficiency Rate = 12.50 %								

AG/GRO FERTILIZER CO. (PEND. ST.) WINCHESTER KY 40391								
00-00-13	82609	0.00	0.00	13.56		98	CM	Bulk
06-12-18	82776	6.28	12.65	19.33		104	CM	Bulk
13-04-16	82771	13.54	5.22	17.00		106	CM	Bulk
14-00-36	82772	14.50	0.00	37.97		103	CM	Bulk
16-08-17	82773	16.92	8.83	19.11		103	CM	Bulk
16-08-17	82774	16.90	8.69	19.37		103	CM	Bulk
16-08-17	82785	16.78	8.68	17.82		100	CM	Bulk
17-08-17	82775	18.76	9.26	18.08		104	CM	Bulk
19-19-19	82608	18.33	20.04	19.55		102	CM	Bulk
23-10-16	82814	24.97	10.57	15.52		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
AG/GRO FERTILIZER CO. (PEND. ST.) WINCHESTER KY 40391								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.50	103.08	102.77				
ALL SAMPLES,CV %		2.4	4.64	3.94				
NUMBER OF ANALYSIS		9	8	10				
Deficiency Rate = 0.00 %								
AGRI-CHEM, INC. (HERN) HERNDON KY 42236								
03-18-18	80228	4.45	19.12	20.52		109	CM	Bulk
03-18-18	80229	4.36	18.83	19.15		106	CM	Bulk
AGRI-CHEM, INC. (HOPK) HOPKINSVILLE KY 42240								
03-17-17	80465	4.71	18.60	18.40		108	CM	Bulk
03-17-17	80468	4.54	18.13	17.85		106	CM	Bulk
03-17-17	80469	4.44	18.22	19.06		108	CM	Bulk
03-17-17	80470	4.32	17.17	18.73		103	CM	Bulk
04-21-17	80471	5.13	21.32	18.29		103	CM	Bulk
04-21-17	80472	5.19	21.30	18.24		103	CM	Bulk
04-21-17	80473	4.88	20.61	19.73		102	CM	Bulk
11-29-21	81127	11.25	29.09	22.49		100	CM	Bulk
11-29-21	81128	10.65	28.94	22.83		99	CM	Bulk
AGRI-CHEM, INC. (PRIN) PRINCETON KY 42445								
28-18-06	82511	30.48	20.16	7.77		109	CM	Bulk
28-18-06	82512	30.47	17.87	8.32		104	CM	Bulk
AGRI-CHEM, INC. (TRENT) TRENTON KY 42286								
05-26-29	80210	5.38	25.45	29.77		97	CM	Bulk
05-26-29	80211	5.39	25.60	29.73		97	CM	Bulk
05-26-29	80212	5.25	24.76 *	32.28		98	CM	Bulk
05-27-27	80277	5.81	27.28	29.37		100	CM	Bulk
06-32-22	80276	6.72	31.77	24.40		100	CM	Bulk
10-26-26	81467	10.37	26.05	26.61		101	CM	Bulk
14-35-13	81682	13.81	35.89	13.92		100	CM	Bulk
14-35-13	81683	13.53	35.04	14.74		99	CM	Bulk
14-35-13	81684	14.09	36.22	13.25		101	CM	Bulk
18-17-22	81468	18.25	18.06	22.39		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.34	98.14	105.01				
ALL SAMPLES,CV %		2.93	3.82	4.24				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
AGRIENERGY RESOURCES PRINCETON IL 61356								
00-00-00	82899+	0.00	0.00	0.00			Blend	Liq
00-00-04	82892+	0.00	0.00	4.81		120	Blend	Liq
01-03-02	82891	2.15	3.58	2.11		132	Blend	Liq
02-00-00	82893+	3.37	0.00	0.00		168	Blend	Liq
02-00-01	82897+	2.52	0.00	1.33		128	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRIENERGY RESOURCES		PRINCETON IL 61356						
02-10-10	82894+	3.56	10.82	10.49		114	Blend	Liq
10-00-00	82896	10.99	0.00	0.00		110	Blend	Liq

AGRILIANCE, LLC/WINFIELD SOLUTIONS		ST. PAUL MN 55164-0089						
12-12-12	80181	12.80	11.99	12.28		103	Blend	Bag
12-12-12	81472	10.76 *	11.62	11.37		94 *	Blend	Bag
12-12-12	81737	12.29	10.80 *	11.80		96 *	Blend	Bag
13-13-13	81402	13.30	13.71	12.47		102	Blend	Bag
13-13-13	81471	13.22	11.72 *	11.32 *		93 *	Blend	Bag
13-13-13	82642	12.70	13.36	13.80		102	Blend	Bag
16-06-16	81469	15.88	6.23	15.61		100	Blend	Bag
19-19-19	81736	19.12	19.24	18.86		101	Blend	Bag
23-03-07	81470+	22.87	2.96	7.89		101	Blend	Bag
24-04-16	80180+	23.28	4.54	16.31		100	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.68	100.23	99.60				
ALL SAMPLES, CV %		4.49	7.01	6.93				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 30.00 %								

AGRIPORT TERMINAL		EDDYVILLE KY 42038						
00-00-50	82507	0.00	0.00	51.90		104	Mat	Bulk
00-00-60	80226	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	80273	0.00	0.00	60.99		102	Mat	Bulk
00-00-60	80603	0.00	0.00	59.90		100	Mat	Bulk
00-00-60	80638	0.00	0.00	60.92		102	Mat	Bulk
00-00-60	80700	0.00	0.00	60.42		101	Mat	Bulk
00-00-60	80906	0.00	0.00	61.37		102	Mat	Bulk
00-00-60	82508	0.00	0.00	59.19		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 7								
Average Analysis :		0.00	0.00	60.47		100.8		
CV, %		0	0	1.22				
10-26-26	81085	11.48	29.80	21.97 *		106	CM	Bulk
10-26-26	81086	10.27	26.02	25.93		100	CM	Bulk
11-52-00	80225	10.88	52.56	0.00		101	Mat	Bulk
11-52-00	80275	10.76	52.73	0.00		101	Mat	Bulk
12-31-19	81252	12.33	31.16	19.38		100	CM	Bulk
12-31-19	81253	12.18	31.31	19.19		100	CM	Bulk
18-46-00	80227	17.87	47.05	0.00		101	Mat	Bulk
18-46-00	80274	17.57	47.15	0.00		101	Mat	Bulk
18-46-00	80602	17.51	46.40	0.00		100	Mat	Bulk
18-46-00	80637	17.84	45.80	0.00		99	Mat	Bulk
18-46-00	80699	17.63	45.89	0.00		99	Mat	Bulk
18-46-00	80905	17.58	45.55	0.00		99	Mat	Bulk
18-46-00	80907	17.67	46.10	0.00		100	Mat	Bulk
18-46-00	82509	17.88	45.72	0.00		99	Mat	Bulk
18-46-00	82510	17.88	45.72	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRIPORT TERMINAL EDDYVILLE KY 42038								
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 9								
Average Analysis :		17.71	46.15	0.00		99.9		
CV, %		0.86	1.28	0				
28-12-12	81250	29.58	12.76	11.97		101	CM	Bulk
28-12-12	81251	28.95	12.41	13.50		101	CM	Bulk
32-00-00	81084	31.78	0.00	0.00		99	Mat	Liq
32-00-00	81124	31.83	0.00	0.00		99	Mat	Liq
32-00-00	81126	31.88	0.00	0.00		100	Mat	Liq
32-00-00	81172	31.59	0.00	0.00		99	Mat	Liq
32-00-00	81254	31.73	0.00	0.00		99	Mat	Liq
32-00-00	82506	31.64	0.00	0.00		99	Mat	Liq
Statistical Analysis for Grade : 32-00-00								
Number of Samples This Grade : 6								
Average Analysis :		31.74	0.00	0.00		99.2		
CV, %		0.35	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.89	101.11	99.48				
ALL SAMPLES,CV %		3.14	3.59	5.18				
NUMBER OF ANALYSIS		23	17	14				
Deficiency Rate = 3.23 %								

AGRIUM ADVANCED TECHNOLOGIES US INC REESE MI 48757-9340								
00-00-00	80782+	0.00	0.00	0.00			Mnfr	Bulk
00-00-00	81720+	0.00	0.00	0.00			Mat	Bag
00-00-00	82661+	0.00	0.00	0.00			Mat	Bag
02-00-00	81663+	2.33	0.00	0.00		116	Mnfr	Bag
02-00-00	82596+	2.49	0.00	0.00		124	Mnfr	Bag

AGRIUM U.S. INC. (DENV) DENVER CO 80237								
05-08-21	80559+	5.42	8.64	21.85		106	Mnfr	Bulk
06-12-18	80682+	6.99	12.50	18.94		107	Mnfr	Bag
13-13-13	80783+	12.53	12.32	13.85		98	Mnfr	Bag
13-13-13	81831+	13.35	13.80	13.70		105	Mnfr	Bag
44-00-00	80116+	44.93	0.00	0.00		102	Mat	Bulk
44-00-00	80123+	45.06	0.00	0.00		102	Mat	Bulk
44-00-00	80193+	44.86	0.00	0.00		102	Mat	Bulk
44-00-00	80376+	45.82	0.00	0.00		104	Mat	Bulk
44-00-00	80489+	44.51	0.00	0.00		101	Mat	Bulk
44-00-00	80585+	44.62	0.00	0.00		101	Mat	Bulk
44-00-00	80636+	44.73	0.00	0.00		102	Mat	Bulk
44-00-00	80678+	44.89	0.00	0.00		102	Mat	Bulk
44-00-00	80929+	44.55	0.00	0.00		101	Mat	Bulk
44-00-00	81549+	44.18	0.00	0.00		100	Mat	Bulk
44-00-00	81595+	45.07	0.00	0.00		102	Mat	Bulk
44-00-00	81853+	45.09	0.00	0.00		102	Mat	Bulk
44-00-00	81863+	44.77	0.00	0.00		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRIUM U.S. INC. (DENV)		DENVER CO 80237						
44-00-00	82569+	44.62	0.00	0.00		101	Mat	Bulk
44-00-00	82677+	45.70	0.00	0.00		104	Mat	Bulk
Statistical Analysis for Grade : 44-00-00								
Number of Samples This Grade : 15								
Average Analysis :		44.89	0.00	0.00		102.0		
CV, %		0.96	0	0				

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.86	103.27	105.30				
ALL SAMPLES,CV %		3.85	5.69	0.97				
NUMBER OF ANALYSIS		19	4	4				
Deficiency Rate = 0.00 %								

AGRO CULTURE LIQUID FERT.		ST. JOHNS MI 48879						
02-01-06	81704	3.08	1.53	7.25		137	Blend	Liq
02-01-06	82708	3.07	1.32	7.41		134	Blend	Liq
08-22-02	82709+	8.85	22.75	3.14		107	Blend	Liq
08-22-02	82710+	8.73	22.05	2.79		103	Blend	Liq
08-22-02	82711+	8.86	22.60	3.11		106	Blend	Liq
24-00-00	82422+	23.61	0.00	0.00		98	Blend	Liq

AGRO DISTRIBUTION, LLC		HARDINSBURG KY 40143						
03-18-18	80493	4.79	19.46	20.51		107	CM	Bulk
05-27-27	80494	6.21	28.39	28.42		102	CM	Bulk
05-27-27	80495	6.19	27.99	27.67		101	CM	Bulk
05-27-27	80526	5.95	27.33	28.47		100	CM	Bulk
06-29-25	80520	6.54	29.76	25.77		100	CM	Bulk
06-29-25	80521	6.48	30.04	25.68		101	CM	Bulk
06-29-25	80522	6.47	29.88	25.95		101	CM	Bulk
06-29-25	80523	6.67	30.45	24.89		101	CM	Bulk
06-29-25	80524	6.57	29.88	26.14		101	CM	Bulk
06-29-25	80525	6.50	29.88	26.32		101	CM	Bulk
Statistical Analysis for Grade : 06-29-25								
Number of Samples This Grade : 6								
Average Analysis :		6.54	29.98	25.79		100.9		
CV, %		1.14	0.82	1.94				

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.24	100.60	101.90				
ALL SAMPLES,CV %		5.33	1.53	2.89				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

ALLEN COUNTY FARMERS SERVICE		SCOTTSDALE KY 42164						
09-25-25	81149	10.11	25.02	24.74		99	CM	Bulk
17-17-17	81148	18.49	18.92	17.18		103	CM	Bulk
19-19-19	81145	19.98	19.89	18.72		102	CM	Bulk
19-19-19	81193	19.69	18.83	19.27		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

ALLEN COUNTY FARMERS SERVICE SCOTTSVILLE KY 42164								
19-19-19	81195	18.93	18.36	19.89		97	CM	Bulk
19-42-00	81167	19.72	42.73	0.00		99	CM	Bulk
19-42-00	81169	19.71	42.66	0.00		99	CM	Bulk
23-14-14	81170	24.71	14.86	14.95		102	CM	Bulk
26-14-14	81194	25.56	14.47	15.99		101	CM	Bulk
29-07-14	81196	29.66	7.46	16.42		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.83	99.77	101.57				
ALL SAMPLES,CV %		2.31	3.14	5.7				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate = 0.00 %								

ALLEN COUNTY FEED & SEED, INC. SCOTTSVILLE KY 42164								
15-19-23	81198	16.03	20.18	23.47		101	CM	Bulk
16-19-19	81203	16.86	18.09	19.46		98	CM	Bulk
17-17-17	82008	18.00	14.81 *	19.19		95 *	CM	Bulk
19-19-19	82007	19.46	19.27	19.66		100	CM	Bulk
19-19-19	82009	19.18	19.99	20.03		102	CM	Bulk
24-10-13	82010	23.87	9.81	14.31		99	CM	Bulk
25-14-14	81197	26.43	14.24	14.26		100	CM	Bulk
25-14-14	81202	26.25	15.25	15.29		103	CM	Bulk
27-11-15	82006	28.25	11.45	15.55		102	CM	Bulk
30-24-00	81201	31.56	24.75	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.21	98.02	103.08				
ALL SAMPLES,CV %		1.79	6.11	3.36				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								

ALLENSVILLE CROP SVC. ALLENSVILLE KY 42204								
05-25-28	80300	5.40	25.30	29.76		102	CM	Bulk
07-19-34	82201	8.78	23.14	30.48 *		106	CM	Bulk
08-20-32	82203	7.88	20.35	33.37		99	CM	Bulk
10-27-24	81869	10.67	26.71	26.94		101	CM	Bulk
10-27-24	81870	10.68	26.63	25.99		100	CM	Bulk
10-27-24	81871	10.38	26.72	26.23		100	CM	Bulk
10-47-00	80348	9.93	47.24	0.00		100	CM	Bulk
11-28-22	82202	10.82	27.48	24.37		98	CM	Bulk
12-30-20	80280	11.85	30.55	21.38		101	CM	Bulk
12-30-20	80281	11.70	30.08	21.96		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.78	99.92	105.43				
ALL SAMPLES,CV %		5.27	6.39	6.62				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								

ANDERSON CO FARM SVC LAWRENCEBURG KY 40342								
00-00-60	82664	0.00	0.00	60.80		101	Mat	Bulk
18-46-00	82662	17.80	45.38	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
ANDERSON CO FARM SVC LAWRENCEBURG KY 40342								
34-00-00	82663	33.83	0.00	0.00		100	Mat	Bulk
BALLARD COUNTY COOPERATIVE LA CENTER KY 42056								
04-11-45	82517	4.73	11.66	45.00		101	CM	Bulk
04-11-45	82518	4.37	11.82	45.07		101	CM	Bulk
05-14-18	80332	6.17	14.16	20.45		104	CM	Bulk
05-14-18	80333	6.09	13.91	19.53		101	CM	Bulk
05-14-18	80334	6.49	15.48	19.63		108	CM	Bulk
06-16-39	82287	6.23	15.60	38.55		98	CM	Bulk
09-23-30	82286	8.84	22.10	31.03		99	CM	Bulk
10-26-25	80192	10.52	26.76	25.38		100	CM	Bulk
10-26-25	82519	10.30	26.52	26.89		102	CM	Bulk
BANDANA AG INC. BANDANA KY 42022								
00-00-60	80575	0.00	0.00	62.65		104	Mat	Bulk
00-00-60	80576	0.00	0.00	60.54		101	Mat	Bulk
04-12-15	80492	6.02	10.55 *	16.49		100	CM	Bulk
05-13-42	81898	5.45	14.05	42.48		101	CM	Bulk
05-15-40	81896	6.09	15.66	39.55		101	CM	Bulk
09-23-30	81893	9.34	23.86	28.90		101	CM	Bulk
09-23-30	81894	9.61	24.12	28.74		102	CM	Bulk
09-23-30	81895	9.24	23.07	29.82		100	CM	Bulk
09-23-30	81897	9.42	24.43	30.10		104	CM	Bulk
09-23-30	81899	8.33	21.77	34.14		100	CM	Bulk
09-23-30	81929	9.02	23.61	31.44		103	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :								
		9.16	23.48	30.52		101.9		
CV, %								
		4.92	4.07	6.62				
18-10-20	81892	20.60	10.69	17.71 *		100	CM	Bulk
18-46-00	80577	17.82	46.40	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.36	100.15	100.70				
ALL SAMPLES,CV %		8.21	5.48	6.06				
NUMBER OF ANALYSIS		11	11	12				
Deficiency Rate = 15.38 %								
BICKETT AGRI CTR. CENTRAL CITY KY 42330								
08-21-27	82413+	8.45	21.95	30.27		105	CM	Bulk
08-21-27	82414+	7.97	21.56	31.11		104	CM	Bulk
08-22-29	82417+	8.60	23.05	29.24		102	CM	Bulk
09-23-30	82409	9.33	25.01	28.81		104	CM	Bulk
09-23-30	82410	8.91	22.48	31.22		100	CM	Bulk
09-23-30	82411	10.46	24.61	27.20 *		103	CM	Bulk
09-23-30	82412	9.27	23.69	30.19		102	CM	Bulk
09-23-30	82415	8.89	23.30	31.89		102	CM	Bulk
09-23-30	82416	8.52	22.32	32.45		100	CM	Bulk
09-23-30	82418	9.11	24.15	30.65		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
BICKETT AGRI CTR. CENTRAL CITY KY 42330								
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		9.21	23.65	30.34		102.2		
CV, %		6.66	4.33	6.01				
28-00-00	82419	28.44	0.00	0.00		102	Mat	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.24	102.75	102.95				
ALL SAMPLES,CV %		5.65	3.58	6.21				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate = 9.09 %								
BLOOMFIELD FERTILIZED CHEM CO., INC BLOOMFIELD KY 40008-0370								
00-00-60	80741	0.00	0.00	61.44		102	Mat	Bulk
08-08-08	82109	7.78	8.03	8.14		94 *	CM	Bulk
09-23-30	81884	8.97	22.62	31.25		100	CM	Bulk
09-23-30	81885	9.51	24.04	29.13		102	CM	Bulk
13-00-42	81880	13.54	0.00	43.21		102	CM	Bulk
18-46-00	80742	17.87	45.52	0.00		99	Mat	Bulk
19-19-19	81886	18.66	18.10	22.37		99	CM	Bulk
21-02-30	81887	21.52	2.27	31.52		102	CM	Bulk
23-00-30	81762	23.74	0.00	31.45		104	CM	Bulk
23-00-30	81881	22.34	0.00	31.83		101	CM	Bulk
30-00-20	81883	33.10	0.00	18.84		104	CM	Bulk
34-00-14	81882	35.93	0.00	15.69		104	CM	Bulk
46-00-00	80743	46.17	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.78	99.38	102.89				
ALL SAMPLES,CV %		4.25	4.86	5.78				
NUMBER OF ANALYSIS		12	6	11				
Deficiency Rate = 7.69 %								
BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004								
00-00-60	80988	0.00	0.00	61.02		102	Mat	Bulk
02-07-09	82575	3.42	8.06	9.55		106	CM	Bulk
02-07-09	82576	3.17	7.88	10.10		106	CM	Bulk
02-07-09	82577	3.11	7.78	10.41		105	CM	Bulk
02-07-09	82578	3.02	7.52	9.76		101	CM	Bulk
03-07-10	82574	3.23	7.93	10.07		103	CM	Bulk
09-18-27	82622	9.82	17.69	29.22		102	CM	Bulk
09-23-30	82623	9.01	22.25	31.30		100	CM	Bulk
17-03-23	82573	18.51	3.45	23.97		104	CM	Bulk
18-46-00	80986	18.00	46.14	0.00		100	Mat	Bulk
19-19-18	82624	19.84	21.43	17.72		103	CM	Bulk
24-00-23	82625	24.02	0.00	26.34		104	CM	Bulk
30-00-00	82572	30.47	0.00	0.00		99	CM	Bulk
46-00-00	80987	46.19	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		103.90	103.02	102.81				
ALL SAMPLES,CV %		5	4.25	4.74				
NUMBER OF ANALYSIS		13	10	11				
Deficiency Rate = 0.00 %								

BRYANT, OTIS & SON CANEYVILLE KY 42721								
00-00-41	82550	0.00	0.00	42.24		102	CM	Bulk
00-25-25	82179	0.00	27.47	25.78		105	CM	Bulk
09-23-30	82493	9.14	21.66	31.42		99	CM	Bulk
10-26-25	82554	10.05	26.39	25.71		100	CM	Bulk
19-19-19	82178	20.63	17.80 *	19.43		99	CM	Bulk
19-19-19	82180	19.52	19.77	19.59		101	CM	Bulk
19-19-19	82181	19.41	18.31	21.13		99	CM	Bulk
19-19-19	82553	18.89	19.47	20.41		100	CM	Bulk
25-15-15	82176	25.01	14.79	15.88		100	CM	Bulk
25-15-15	82177	25.27	14.57	16.86		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.56	98.27	103.99				
ALL SAMPLES,CV %		2.76	4.77	4.13				
NUMBER OF ANALYSIS		8	9	10				
Deficiency Rate = 10.00 %								

C & F FARM SUPPLY, INC. HISEVILLE KY 42152								
00-00-60	80572	0.00	0.00	60.15		100	Mat	Bulk
00-00-60	80609	0.00	0.00	61.83		103	Mat	Bulk
18-46-00	80610	17.27	45.94	0.00		99	Mat	Bulk
21-35-00	81138	21.12	37.14	0.00		104	CM	Bulk
22-00-20	81139	22.95	0.00	19.84		101	CM	Bulk
23-11-11	81137	22.77	12.07	13.48		102	CM	Bulk
25-18-12	81158	25.30	18.42	13.00		101	CM	Bulk
27-13-13	81140	27.57	14.03	13.23		101	CM	Bulk
27-13-13	81141	27.69	14.24	13.29		102	CM	Bulk
27-13-13	81142	28.33	13.49	12.78		101	CM	Bulk
27-13-13	81144	27.50	13.53	13.70		100	CM	Bulk
27-13-13	81159	27.68	13.75	13.64		101	CM	Bulk
Statistical Analysis for Grade : 27-13-13								
Number of Samples This Grade : 5								
Average Analysis :								
		27.75	13.81	13.33		101.1		
CV, %								
		1.19	2.34	2.77				
34-00-00	80570	33.66	0.00	0.00		99	Mat	Bulk
36-15-00	81143	37.30	15.35	0.00		101	CM	Bulk
46-00-00	80571	46.07	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		100.19	101.64	101.65				
ALL SAMPLES,CV %		2.04	2.29	6.14				
NUMBER OF ANALYSIS		13	10	10				
Deficiency Rate = 0.00 %								

CAMERON CHEMICALS, INC. PORTSMOUTH VA 23702-2313								
00-00-00	80316+	0.00	0.00	0.00			Blend	Bulk
00-00-00	81858+	0.00	0.00	0.00			Blend	Bulk

CAMPBELLSVILLE CROP SVC. CAMPBELLSVILLE KY 42719								
06-10-14	82138	6.28	10.11	14.99		99	CM	Bulk
06-10-14	82142	6.35	10.35	14.69		99	CM	Bulk
14-14-25	82143	15.70	13.83	26.05		102	CM	Bulk
16-19-19	82145	17.10	18.46	20.65		101	CM	Bulk
16-25-18	82140	16.34	26.41	18.92		102	CM	Bulk
17-22-15	82136	17.28	22.29	16.48		100	CM	Bulk
17-22-15	82141	17.59	21.46	16.73		99	CM	Bulk
17-22-15	82144	17.12	22.23	17.04		101	CM	Bulk
19-09-19	82137	20.92	7.94 *	19.24		97	CM	Bulk
26-11-15	82139+	26.49	11.22	16.29		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.18	95.54	105.11				
ALL SAMPLES,CV %		3.54	5.43	3.13				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

CECILIA FARM SVC INC. CECILIA KY 42724								
00-00-60	80592	0.00	0.00	60.56		101	Mat	Bulk
00-45-00	80593	0.00	45.98	0.00		102	Mat	Bulk
10-26-26	80385	10.50	27.53	25.35		103	CM	Bulk
18-46-00	80594	17.74	46.72	0.00		101	Mat	Bulk
19-19-19	81602	19.69	19.23	19.74		101	CM	Bulk
19-19-19	81609	19.71	18.97	20.77		101	CM	Bulk
19-19-19	81693	19.70	20.38	18.55		102	CM	Bulk
22-16-16	81607	23.35	16.88	17.05		101	CM	Bulk
24-15-15	81605	24.48	16.69	16.40		103	CM	Bulk
24-16-15	81606	24.59	15.28	17.40		101	CM	Bulk
25-14-15	81603	25.77	14.84	15.86		101	CM	Bulk
25-15-15	81608	26.13	15.34	14.63		102	CM	Bulk
28-28-00	81604	28.89	28.18	0.00		100	CM	Bulk
46-00-00	80595	46.11	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CECILIA FARM SVC INC. CECILIA KY 42724								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.58	101.10	101.85				
ALL SAMPLES,CV %		1.4	3.28	4.62				
NUMBER OF ANALYSIS		12	12	10				
Deficiency Rate = 0.00 %								

CEN FARMERS SUP. OF GREEN GREENSBURG KY 42743								
05-13-21	80422	5.62	12.73	21.83		99	CM	Bulk
05-13-21	80423	5.88	13.20	20.21		99	CM	Bulk
08-16-16	80527	8.31	15.80	17.46		97	CM	Bulk
11-29-21	81255	11.59	29.78	20.88		101	CM	Bulk
17-17-17	81187	17.61	17.40	18.87		100	CM	Bulk
17-17-17	81188	18.53	17.37	17.60		100	CM	Bulk
17-17-17	81191	17.81	18.46	18.10		102	CM	Bulk
17-17-17	81256	17.54	18.17	16.92		100	CM	Bulk
17-17-17	81257	17.80	19.20	17.28		103	CM	Bulk
Statistical Analysis for Grade : 17-17-17								
Number of Samples This Grade : 5								
Average Analysis :		17.86	18.12	17.75		101.1		
CV, %		2.2	4.24	4.28				
19-19-19	81186	19.45	20.90	18.41		103	CM	Bulk
27-13-13	81189	28.13	14.13	13.04		102	CM	Bulk
27-13-13	81190	28.10	14.44	13.35		103	CM	Bulk
28-13-13	81192	28.81	13.57	12.56		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.23	101.43	98.59				
ALL SAMPLES,CV %		3.41	4.84	3.81				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 0.00 %								

CHEMSICO, DIV OF UNITED INDUSTRIES ST. LOUIS MO 63114								
06-12-12	80160	5.30 *	9.31 *	8.40 *		78 *	Blend	Bag
10-10-10	80055	11.43	10.61	9.66		107	Blend	Bag
10-10-10	80064	9.98	9.81	10.01		99	Blend	Bag
10-10-10	80075	10.78	9.82	10.26		103	Blend	Bag
10-10-10	80088	10.17	10.17	9.51		100	Blend	Bag
10-10-10	80099	8.56 *	9.02 *	9.98		90 *	Blend	Bag
10-10-10	80159	11.16	10.79	10.26		108	Blend	Bag
10-10-10	80169	8.57 *	8.93 *	9.40		89 *	Blend	Bag
10-10-10	80213	9.57	9.20	8.09 *		91 *	Blend	Bag
10-10-10	80245	8.42 *	9.38	8.99 *		89 *	Blend	Bag
10-10-10	80248	10.56	9.85	9.38		100	Blend	Bag
10-10-10	80255	10.61	10.92	10.61		107	Blend	Bag
10-10-10	80261	11.08	10.92	10.89		110	Blend	Bag
10-10-10	80268	10.94	11.11	9.84		108	Blend	Bag
10-10-10	80437	11.58	11.61	10.40		114	Blend	Bag
10-10-10	80449	9.82	12.52	12.23		114	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CHEMSICO, DIV OF UNITED INDUSTRIES			ST. LOUIS MO 63114					
10-10-10	80927	12.43	11.52	9.03 *		113	Blend	Bag
10-10-10	80956	8.45 *	8.13 *	8.01 *		82 *	Blend	Bag
10-10-10	80965	9.18	8.64 *	8.91 *		89 *	Blend	Bag
10-10-10	81041	11.04	10.32	11.83		109	Blend	Bag
10-10-10	81173	7.74 *	7.34 *	11.42		83 *	Blend	Bag
10-10-10	81578	9.30	9.12	10.40		94 *	Blend	Bag
10-10-10	81579	10.16	10.49	9.88		103	Blend	Bag
10-10-10	81686	11.46	9.91	9.26		103	Blend	Bag
10-10-10	81690	8.65 *	7.09 *	8.28 *		79 *	Blend	Bag
10-10-10	81766	11.45	11.63	10.49		113	Blend	Bag
10-10-10	81777	12.48	13.64	10.46		126	Blend	Bag
10-10-10	82284	10.63	8.26 *	7.32 *		89 *	Blend	Bag
10-10-10	82285	14.35	11.81	12.35		128	Blend	Bag
10-10-10	82313	9.26	10.24	11.17		101	Blend	Bag
10-10-10	82555	9.97	9.00 *	10.86		97	Blend	Bag
10-10-10	82616	6.75 *	9.43	10.35		87 *	Blend	Bag
10-10-10	82618	8.97 *	9.79	10.78		97	Blend	Bag
10-10-10	82730	6.60 *	7.58 *	7.91 *		73 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 33								
Average Analysis :		10.06	9.96	9.95		99.9		
CV, %		16.38	14.84	12.26				
10-52-10	80902+	10.89	51.80	10.26		101	Mnfr	Bag
10-52-10	81770+	10.70	52.52	10.47		102	Blend	Bag
12-12-12	80140	10.37 *	10.32 *	11.77		89 *	Blend	Bag
12-12-12	80144	12.27	11.08	11.95		98	Blend	Bag
12-12-12	80145	12.15	12.53	12.74		104	Blend	Bag
12-12-12	81218	12.88	12.83	11.97		106	Blend	Bag
12-12-12	81225	11.61	11.41	14.96		102	Blend	Bag
12-12-12	82559	11.51	9.34 *	12.23		89 *	Mnfr	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade : 6								
Average Analysis :		11.80	11.25	12.60		97.6		
CV, %		7.26	11.73	9.54				
13-13-13	80254	12.71	12.37	10.88 *		94 *	Blend	Bag
13-13-13	81171	12.89	11.70 *	13.65		96 *	Blend	Bag
13-13-13	81773	13.16	13.58	12.11		101	Blend	Bag
13-13-13	82312	13.18	13.43	14.69		105	Blend	Bag
15-30-15	80949+	16.09	30.26	16.16		103	Mnfr	Bag
17-17-17	81350+	18.47	18.36	16.38		106	Mnfr	Bag
19-06-12	80063	19.54	6.25	12.73		104	Blend	Bag
19-06-12	81351+	19.78	6.62	12.98		106	Mnfr	Bag
24-08-16	80847+	24.98	8.26	17.06		104	Blend	Bag
24-08-16	80901+	25.75	7.77	16.40		104	Mnfr	Bag
24-08-16	81769+	25.05	8.80	17.08		106	Blend	Bag
28-03-03	80042	25.47 *	3.21	0.79 *		89 *	Blend	Bag
29-03-04	80028+	30.44	3.11	4.00		105	Blend	Bag
29-03-04	80043+	29.43	3.44	4.10		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CHEMSICO, DIV OF UNITED INDUSTRIES		ST. LOUIS MO 63114						
29-03-04	80107+	29.55	3.35	3.46 *		102	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.91	99.83	98.84				
ALL SAMPLES,CV %		12.94	12.85	15.22				
NUMBER OF ANALYSIS		57	57	57				
Deficiency Rate = 38.60 %								

CLEMMENTS AG SUPP.		SPRINGFIELD KY 40069						
00-00-60	80868	0.00	0.00	61.26		102	Mat	Bulk
09-00-48	81917	8.53	0.00	50.22		102	CM	Bulk
18-46-00	80867	17.42	45.63	0.00		99	Mat	Bulk
19-00-34	81909	19.61	0.00	36.42		103	CM	Bulk
19-00-34	81910	19.38	0.00	36.57		103	CM	Bulk
27-00-21	81914	27.89	0.00	24.37		104	CM	Bulk
28-00-22	81912	28.93	0.00	24.44		103	CM	Bulk
28-00-22	81915	29.04	0.00	24.02		103	CM	Bulk
30-00-20	81916	30.48	0.00	21.45		102	CM	Bulk
33-00-00	81913+	34.00	0.00	0.00		101	CM	Bulk
46-00-00	80866	45.91	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.21	99.20	106.47				
ALL SAMPLES,CV %		2.64	0	2.65				
NUMBER OF ANALYSIS		10	1	8				
Deficiency Rate = 0.00 %								

CNI AGRIMINERALS, LLC		ALBANY GA 31706						
00-00-00	80758+	0.00	0.00	0.00			Mat	Bag
00-00-00	81150+	0.00	0.00	0.00			Mat	Bag

CORBIN FARM & GARDEN CTR.		CORBIN KY 40701						
05-20-20	81066	8.51	21.25	19.73		112	Blend	Bag
06-12-12	81067	6.27	12.54	12.06		104	Blend	Bag
10-10-10	81065	8.21 *	8.51 *	9.31		86 *	Blend	Bag
19-19-19	80010	19.55	20.12	18.38		103	Blend	Bag
19-19-19	81064	18.33	19.63	19.72		101	Blend	Bag

CROP PRODUCTION SVC INC (CADIZ)		CADIZ KY 42211						
05-27-27	80230	5.82	28.27	29.66		103	CM	Bulk
05-27-27	80231	5.68	28.45	29.29		102	CM	Bulk
05-27-27	80232	6.33	28.49	29.34		104	CM	Bulk
06-17-37	80335	6.67	17.37	37.95		101	CM	Bulk
07-19-34	80336	7.47	19.34	35.52		100	CM	Bulk
07-19-34	80337	7.47	18.99	35.46		99	CM	Bulk
07-19-34	80338	7.75	19.76	35.06		101	CM	Bulk
07-19-34	80339	7.99	20.18	34.20		102	CM	Bulk
10-25-22	82472	10.11	25.57	22.25		100	CM	Bulk
10-25-22	82473	10.02	25.58	24.01		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		100.07	100.41	103.51				
ALL SAMPLES,CV %		3.42	1.92	2.66				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (CLA) CLARKSON KY 42726								
09-23-30	80474	9.19	22.95	29.49		100	CM	Bulk
17-15-23	82163	18.10	16.94	23.63		104	CM	Bulk
19-19-20	82164	19.41	19.82	20.02		102	CM	Bulk
19-19-20	82165	19.48	19.13	20.19		101	CM	Bulk
19-19-20	82166	19.31	19.00	20.49		101	CM	Bulk
19-19-20	82168	19.45	19.68	20.49		103	CM	Bulk
19-19-20	82169	19.57	19.22	20.60		102	CM	Bulk
Statistical Analysis for Grade : 19-19-20								
Number of Samples This Grade : 5								
Average Analysis :		19.44	19.37	20.36		101.8		
CV, %		0.49	1.85	1.19				
23-11-19	82170	24.13	12.40	19.54		102	CM	Bulk
23-16-16	81694	24.19	16.29	16.28		101	CM	Bulk
23-16-16	82167	24.11	15.86	16.63		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.62	102.08	101.33				
ALL SAMPLES,CV %		0.71	2.68	1.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (CLA) CLAY KY 42404-2167								
08-22-30	82034	8.53	21.32 *	33.42		99	CM	Bulk
08-22-30	82035	9.10	22.83	30.84		101	CM	Bulk
08-22-30	82036	9.00	22.61	31.74		101	CM	Bulk
08-22-30	82038	8.99	23.21	31.11		102	CM	Bulk
08-22-30	82039	8.59	22.80	31.73		101	CM	Bulk
Statistical Analysis for Grade : 08-22-30								
Number of Samples This Grade : 5								
Average Analysis :		8.84	22.55	31.77		100.5		
CV, %		2.96	3.22	3.15				
17-13-26	82037	16.81	13.50	28.35		101	CM	Bulk
17-13-26	82059	16.32	13.49	28.09		100	CM	Bulk
19-19-19	82060	18.50	19.77	21.07		101	CM	Bulk
25-12-16	82061	25.23	12.66	17.29		102	CM	Bulk
25-12-16	82062	25.41	12.45	17.92		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC (CLA) CLAY KY 42404-2167								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.70	99.53	106.94				
ALL SAMPLES,CV %		3.24	2.68	2.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

CROP PRODUCTION SVC INC (FANC) FANCY FARM KY 42039								
06-15-20	80484	6.28	15.55	21.54		104	CM	Bulk
06-15-20	80485	6.54	15.62	21.44		105	CM	Bulk
09-23-30	82252	9.26	23.85	30.63		103	CM	Bulk
09-23-30	82253	8.82	22.97	30.22		100	CM	Bulk
09-23-30	82254	8.63	22.19	31.29		99	CM	Bulk
09-23-30	82255	8.76	22.72	30.33		99	CM	Bulk
09-23-30	82256	8.88	23.14	31.36		102	CM	Bulk
09-23-30	82258	8.99	22.58	31.12		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		8.89	22.91	30.83		100.4		
CV, %		2.45	2.47	1.61				
19-12-15	82607+	19.12	11.22	18.10	*	101	CM	Bulk
24-09-12	82257+	24.57	9.63	13.50		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.45	99.49	105.43				
ALL SAMPLES,CV %		3.95	2.93	4.01				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC INC (GAL) GALESBURG IL 61402								
00-00-22	80778+	0.00	0.00	22.21		101	Mat	Bulk
00-00-22	81830+	0.00	0.00	22.63		103	Mat	Bulk
00-00-50	80613	0.00	0.00	52.64		105	Mat	Bulk
00-00-50	80641	0.00	0.00	51.53		103	Mat	Bulk
00-00-50	80777	0.00	0.00	50.90		102	Mat	Bulk
00-00-50	82676	0.00	0.00	51.06		102	Mat	Bulk
00-00-60	80113	0.00	0.00	60.13		100	Mat	Bulk
00-00-60	80114	0.00	0.00	60.64		101	Mat	Bulk
00-00-60	80117	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	80120	0.00	0.00	60.45		101	Mat	Bulk
00-00-60	80122	0.00	0.00	61.07		102	Mat	Bulk
00-00-60	80194	0.00	0.00	60.94		102	Mat	Bulk
00-00-60	80371	0.00	0.00	59.43		99	Mat	Bulk
00-00-60	80374	0.00	0.00	59.91		100	Mat	Bulk
00-00-60	80392	0.00	0.00	58.88		98	Mat	Bulk
00-00-60	80396	0.00	0.00	59.17		99	Mat	Bulk
00-00-60	80488	0.00	0.00	59.56		99	Mat	Bulk
00-00-60	80586	0.00	0.00	61.25		102	Mat	Bulk
00-00-60	80612	0.00	0.00	61.90		103	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	80619	0.00	0.00	61.60		103	Mat	Bulk
00-00-60	80634	0.00	0.00	61.00		102	Mat	Bulk
00-00-60	80639	0.00	0.00	61.43		102	Mat	Bulk
00-00-60	80680	0.00	0.00	62.85		105	Mat	Bulk
00-00-60	80681	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	80780	0.00	0.00	61.63		103	Mat	Bulk
00-00-60	81545	0.00	0.00	61.81		103	Mat	Bulk
00-00-60	81546	0.00	0.00	61.53		103	Mat	Bulk
00-00-60	81593	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	81779	0.00	0.00	61.43		102	Mat	Bulk
00-00-60	81780	0.00	0.00	61.05		102	Mat	Bulk
00-00-60	81854	0.00	0.00	60.32		101	Mat	Bulk
00-00-60	81856	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	81857	0.00	0.00	61.80		103	Mat	Bulk
00-00-60	81861	0.00	0.00	60.19		100	Mat	Bulk
00-00-60	82566	0.00	0.00	60.83		101	Mat	Bulk
00-00-60	82570	0.00	0.00	60.23		100	Mat	Bulk
00-00-60	82673	0.00	0.00	61.08		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 31								
Average Analysis :		0.00	0.00	60.80		101.3		
CV, %		0	0	1.45				
00-00-62	80490	0.00	0.00	60.78		98	Mat	Bulk
00-45-00	81550	0.00	45.37	0.00		101	Mat	Bulk
00-46-00	80375	0.00	46.92	0.00		102	Mat	Bulk
00-46-00	80391	0.00	46.59	0.00		101	Mat	Bulk
00-46-00	80395	0.00	46.56	0.00		101	Mat	Bulk
10-34-00	82475	10.44	33.73	0.00		100	Mnfr	Liq
11-52-00	80112	11.26	50.36	0.00		98	Mat	Bulk
11-52-00	80115	11.31	51.44	0.00		100	Mat	Bulk
11-52-00	80121	11.20	51.07	0.00		99	Mat	Bulk
11-52-00	80195	11.32	52.22	0.00		101	Mat	Bulk
11-52-00	80587	10.77	51.14	0.00		98	Mat	Bulk
11-52-00	80640	10.51	51.17	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 11-52-00								
Number of Samples This Grade : 6								
Average Analysis :		11.06	51.23	0.00		98.9		
CV, %		3.07	1.18	0				
18-46-00	80119	17.76	45.76	0.00		99	Mat	Bulk
18-46-00	80196	17.68	47.01	0.00		101	Mat	Bulk
18-46-00	80372	17.59	46.61	0.00		100	Mat	Bulk
18-46-00	80373	17.30	46.41	0.00		100	Mat	Bulk
18-46-00	80393	17.55	46.96	0.00		101	Mat	Bulk
18-46-00	80394	17.38	47.36	0.00		101	Mat	Bulk
18-46-00	80397	17.67	47.01	0.00		101	Mat	Bulk
18-46-00	80487	17.90	47.33	0.00		102	Mat	Bulk
18-46-00	80583	18.01	46.41	0.00		101	Mat	Bulk
18-46-00	80620	17.76	45.01	0.00		98	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	80633	17.88	46.02	0.00		100	Mat	Bulk
18-46-00	80642	17.61	45.59	0.00		99	Mat	Bulk
18-46-00	80679	17.79	45.53	0.00		99	Mat	Bulk
18-46-00	80779	17.55	46.57	0.00		100	Mat	Bulk
18-46-00	80928	17.59	46.09	0.00		100	Mat	Bulk
18-46-00	81547	17.61	46.08	0.00		100	Mat	Bulk
18-46-00	81548	17.76	46.48	0.00		101	Mat	Bulk
18-46-00	81594	17.80	45.85	0.00		99	Mat	Bulk
18-46-00	81855	17.96	45.55	0.00		99	Mat	Bulk
18-46-00	81862	17.41	45.96	0.00		99	Mat	Bulk
18-46-00	82567	17.70	46.33	0.00		100	Mat	Bulk
18-46-00	82568	17.81	46.35	0.00		100	Mat	Bulk
18-46-00	82674	17.79	46.10	0.00		100	Mat	Bulk
18-46-00	82675	17.81	46.74	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 24								
Average Analysis :		17.69	46.30	0.00		100.0		
CV, %		1	1.29	0				
24-00-01	81551+	23.79	0.00	1.14		99	Blend	Liq
24-00-01	81860+	24.46	0.00	1.19		102	Blend	Liq
24-00-01	82571+	23.04	0.00	1.70		98	Blend	Liq
27-00-00	80677	26.55	0.00	0.00		98	Mat	Bulk
28-00-00	82682	28.00	0.00	0.00		100	Mat	Liq
32-00-00	82431	31.78	0.00	0.00		99	Mat	Liq
46-00-00	80584	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	80611	46.10	0.00	0.00		100	Mat	Bulk
46-00-00	80635	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	80930	46.15	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.09	100.32	103.87				
ALL SAMPLES, CV %		1.96	1.46	10.79				
NUMBER OF ANALYSIS		41	35	41				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC INC (HARD) HARDIN KY 42048								
09-23-30	82430	9.45	24.32	30.37		103	CM	Bulk
09-23-31	82433	8.55	22.08	32.83		99	CM	Bulk
09-23-31	82434	9.14	23.55	31.24		102	CM	Bulk
09-25-26	82428	10.38	26.40	27.89		104	CM	Bulk
11-28-23	82429	12.08	31.06	20.45 *		104	CM	Bulk
14-14-14	82432	14.16	13.97	17.47		103	CM	Bulk
22-12-14	82605	22.64	13.44	13.96	*	102	CM	Bulk
22-14-14	82606	22.18	15.86	15.37		102	CM	Bulk
30-09-11	82248	30.24	10.14	12.30		103	CM	Bulk
30-09-11	82249	30.11	8.02 *	15.79		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC (HARD) HARDIN KY 42048								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.09	101.90	106.21				
ALL SAMPLES,CV %		3.34	6.64	12.29				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								
CROP PRODUCTION SVC INC (HEN) HENDERSON KY 42420								
07-18-36	82063	6.60	17.39	39.46		101	CM	Bulk
07-18-36	82064	6.94	18.93	36.62		102	CM	Bulk
09-23-30	80663	8.66	21.88	31.66		99	CM	Bulk
09-23-30	80664	9.00	23.12	30.28		101	CM	Bulk
09-23-30	80665	8.57	22.20	31.68		99	CM	Bulk
09-23-30	80666	8.79	22.95	30.75		100	CM	Bulk
09-23-30	80667	8.94	23.22	30.21		101	CM	Bulk
09-23-30	80668	8.89	22.96	30.84		101	CM	Bulk
09-23-30	80669	8.66	22.32	31.95		100	CM	Bulk
09-23-30	80670	9.00	23.26	30.71		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :		8.81	22.74	31.01		100.1		
CV, %		1.91	2.32	2.15				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.38	99.07	103.65				
ALL SAMPLES,CV %		2.34	2.86	2.64				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (HOD) HODGENVILLE KY 42748								
04-22-33	81358	5.34	23.46	32.94		102	CM	Bulk
08-12-17	82108	9.35	12.13	17.30		100	CM	Bulk
19-19-19	81356	19.16	19.51	20.22		100	CM	Bulk
19-19-19	81359	19.58	19.17	19.69		100	CM	Bulk
19-19-19	81360	19.30	19.80	20.22		102	CM	Bulk
20-15-20	81357	20.57	16.75	20.50		103	CM	Bulk
21-16-18	81361	21.16	16.57	19.55		102	CM	Bulk
25-08-08	82114	25.84	11.12	7.85		108	CM	Bulk
25-08-08	82162	26.96	8.84	7.97		104	CM	Bulk
25-15-15	81362	25.73	15.43	14.72		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.61	105.02	99.43				
ALL SAMPLES,CV %		3.91	9.03	4.55				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (HOR) HORSECAVE KY 42749								
06-16-37	81262+	6.26	15.43	38.65		99	CM	Bulk
19-04-29	81572	21.23	5.48	29.49		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC (HOR) HORSECAVE KY 42749								
19-19-19	81259	19.43	19.97	20.14		102	CM	Bulk
21-17-17	81260	22.04	18.37	18.04		103	CM	Bulk
23-00-28	81573	24.92	0.00	29.03		103	CM	Bulk
27-13-13	81258	27.30	12.75	13.39		98	CM	Bulk
27-13-13	81261	27.29	14.58	13.53		102	CM	Bulk
27-13-13	81264	27.57	13.95	14.72		102	CM	Bulk
28-13-13	81599	28.79	12.88	12.85		101	CM	Bulk
32-09-09	81263	32.85	9.58	11.37		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.57	101.34	103.03				
ALL SAMPLES,CV %		2.1	5.19	5.6				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (MAD) MADISONVILLE KY 42431								
00-22-30	82697	0.00	22.20	31.81		101	CM	Bulk
19-19-19	82698	18.65	18.96	21.86		101	CM	Bulk
CROP PRODUCTION SVC INC (MOR) MORGANFIELD KY 42437								
04-19-38	80454	4.03	17.91	39.19		99	CM	Bulk
04-21-35	80453	4.60	20.68	36.04		100	CM	Bulk
04-21-35	80455	4.50	20.18	36.40		99	CM	Bulk
04-21-35	80456	4.93	22.13	34.55		102	CM	Bulk
04-21-35	80457	4.46	20.36	36.26		99	CM	Bulk
04-21-35	80458	4.48	20.53	36.35		99	CM	Bulk
Statistical Analysis for Grade : 04-21-35								
Number of Samples This Grade : 5								
Average Analysis :		4.59	20.78	35.92		99.6		
CV, %		4.25	3.75	2.17				
07-20-33	80509	7.63	20.02	34.36		100	CM	Bulk
07-20-33	80510	7.57	19.98	34.87		100	CM	Bulk
08-21-28	80507+	8.12	21.18	29.79		101	CM	Bulk
08-21-28	80508+	8.36	22.34	28.93		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.04	98.46	102.16				
ALL SAMPLES,CV %		3.86	3.65	1.86				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (PEM) PEMBROKE KY 42266								
10-25-25	81179+	10.08	24.55	24.53		99	CM	Bulk
10-25-25	81181+	9.95	25.00	24.40		100	CM	Bulk
10-26-26	81180	10.43	26.97	25.41		102	CM	Bulk
10-27-24	82476	10.83	27.82	25.54		102	CM	Bulk
14-20-21	82474	14.17	20.11	22.73		102	CM	Bulk
CROP PRODUCTION SVC INC (POO) POOLE KY 42444								
09-23-30	82678	8.91	23.03	31.21		101	CM	Bulk
09-23-30	82679	9.00	23.02	31.26		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC (POO) POOLE KY 42444								
09-23-30	82680	8.78	23.08	31.02		101	CM	Bulk
09-23-30	82683	8.78	22.70	30.89		100	CM	Bulk
09-23-30	82684	8.73	22.71	31.49		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.84	22.91	31.17		100.7		
CV, %		1.26	0.82	0.74				
CROP PRODUCTION SVC INC (RUS) RUSSELLVILLE KY 42276								
09-23-30	80282	8.80	23.25	30.60		101	CM	Bulk
09-23-30	80283	8.85	23.85	30.33		102	CM	Bulk
09-24-21	81778+	8.57	22.50	22.39		97	CM	Bulk
10-25-16	81781+	8.98	23.54 *	17.51		96 *	CM	Bulk
10-25-26	80206	9.49	25.51	26.44		99	CM	Bulk
10-25-26	80207	9.88	25.50	26.52		99	CM	Bulk
10-25-26	80208	9.66	25.24	26.91		99	CM	Bulk
10-25-26	80209	10.10	26.52	26.98		103	CM	Bulk
11-29-21	80204	11.58	29.62	21.50		100	CM	Bulk
11-29-21	80205	11.21	29.08	21.91		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.57	99.16	102.57				
ALL SAMPLES,CV %		3.18	3.36	2.96				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
CROP PRODUCTION SVC INC (SED) SEDALIA KY 42079								
05-15-19	80361	6.57	15.71	21.00		105	CM	Bulk
05-15-19	80362	7.08	16.74	16.62 *		103	CM	Bulk
06-15-31	81827+	6.16	16.34	32.14		104	CM	Bulk
06-16-31	81832+	6.56	16.67	32.02		101	CM	Bulk
06-17-14	80359	7.44	17.78	15.47		105	CM	Bulk
06-17-14	80360	7.52	18.34	16.20		108	CM	Bulk
07-18-28	81833+	6.73	17.51	30.32		99	CM	Bulk
07-18-30	81826+	6.67	17.90	32.88		100	CM	Bulk
09-23-30	81829	8.81	22.71	31.37		100	CM	Bulk
26-00-15	81828	27.38	0.00	16.32		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.92	102.14	102.55				
ALL SAMPLES,CV %		8.05	4.68	6.89				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 10.00 %								
CROP PRODUCTION SVC INC (WAV) WAVERLY KY 42462								
10-26-26	82027	10.41	25.83	26.83		101	CM	Bulk
31-00-17	82021	32.62	0.00	18.73		105	CM	Bulk
31-00-17	82022	32.64	0.00	18.72		105	CM	Bulk
31-00-17	82023	32.31	0.00	19.29		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC (WAV) WAVERLY KY 42462								
31-00-17	82024	31.75	0.00	19.64		105	CM	Bulk
35-15-00	82025	36.54	16.79	0.00		105	CM	Bulk
35-15-00	82026	36.72	16.41	0.00		105	CM	Bulk
35-15-00	82028	36.61	16.22	0.00		104	CM	Bulk
35-15-00	82029	36.13	16.36	0.00		103	CM	Bulk
35-15-00	82030	36.44	16.59	0.00		105	CM	Bulk
35-15-00	82032	37.04	16.22	0.00		105	CM	Bulk
Statistical Analysis for Grade : 35-15-00								
Number of Samples This Grade : 6								
Average Analysis :		36.58	16.43	0.00		104.4		
CV, %		0.83	1.36	0				

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.93	104.26	106.88				
ALL SAMPLES,CV %		1.09	2.49	2.85				
NUMBER OF ANALYSIS		11	7	5				
Deficiency Rate = 0.00 %								

DABNEY FEED SUPP BROADHEAD KY 40409								
11-00-40	82012	12.38	0.00	38.70		101	CM	Bulk
11-00-40	82015	11.96	0.00	39.79		101	CM	Bulk
17-00-30	82017	23.64	0.00	31.00		121	CM	Bulk
18-18-20	82011	13.27 *	19.99	21.24		94 *	CM	Bulk
18-18-20	82013	18.28	19.19	20.20		99	CM	Bulk
18-18-20	82014	18.22	19.08	21.55		101	CM	Bulk
25-00-15	82018	26.84	0.00	15.61		105	CM	Bulk
25-00-15	82019	25.46	0.00	17.08		103	CM	Bulk
27-11-15	82016	27.85	10.69	16.08		100	CM	Bulk
32-00-17	82020	32.93	0.00	18.51		102	CM	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.40	100.46	104.14				
ALL SAMPLES,CV %		16.33	5.41	4.79				
NUMBER OF ANALYSIS		10	4	10				
Deficiency Rate = 10.00 %								

DRAKES FARM SVC. MORGANTOWN KY 42261-0308								
07-18-36	82205	6.98	18.66	35.11		100	CM	Bulk
07-18-36	82206	6.70	17.51	37.00		98	CM	Bulk
07-20-33	82323	7.48	19.59	34.80		99	CM	Bulk
07-20-33	82324	7.49	19.29	36.29		100	CM	Bulk
11-21-27	82307	11.37	20.89	28.93		100	CM	Bulk
11-21-27	82308	11.81	21.11	29.29		101	CM	Bulk
24-13-16	82207	25.19	13.27	17.62		101	CM	Bulk
24-13-16	82208	23.68	14.77	18.87		103	CM	Bulk
24-13-16	82209	24.10	14.21	19.29		103	CM	Bulk
32-09-09	82306	33.13	9.75	9.75		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

DRAKES FARM SVC. MORGANTOWN KY 42261-0308								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.71	99.41	105.60				
ALL SAMPLES,CV %		3.08	3.8	5.71				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

DRAMM CORPORATION MANITOWOC WI 54220								
02-05-00	82895+	2.00	5.57	0.00		107	Blend	Liq

DREXEL CHEMICAL CO. MEMPHIS TN 38113-0327								
00-00-00	81168+	0.00	0.00	0.00			Mat	Bag
00-00-00	81443+	0.00	0.00	0.00			Mat	Bag

EASY GARDNER WACO TX 76702-1025								
02-07-04	80026+	5.38	13.79	5.40		199	Blend	Bag
05-05-05	80922+	7.62	11.25	6.37		180	Blend	Bag
05-05-05	81176+	7.57	11.99	6.24		186	Blend	Bag
08-24-08	80948+	10.70	25.85	10.00		114	Blend	Bag
15-07-06	80430	16.63	6.40	7.17		106	Blend	Bag

EAU CLAIRE CO-OP OIL CO. EAU CLAIRE WI 54702								
24-05-11	80356	23.67	5.48	11.87		102	Blend	Bag

EIGHTY EIGHT FETILIZER CO., INC. EIGHTY EIGHT KY 42130								
09-00-47	82084	9.57	0.00	48.24		101	CM	Bulk
10-02-00	82279	12.60	2.51	0.00		115	CM	Bulk
11-28-20	81083	11.85	28.82	20.39		101	CM	Bulk
13-18-28	81078	12.75	19.35	28.22		101	CM	Bulk
19-19-19	82276	18.21	16.35 *	19.01		90 *	CM	Bulk
21-15-20	82083	21.50	15.33	20.87		101	CM	Bulk
23-11-11	82086	22.76	11.25	12.09		99	CM	Bulk
24-16-15	82277	24.39	14.36 *	15.49		96 *	CM	Bulk
24-16-15	82278	24.13	15.07	15.61		98	CM	Bulk
27-13-13	82085	26.87	12.69	14.58		98	CM	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.52	96.31	100.91				
ALL SAMPLES,CV %		6.33	6.88	3.63				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 20.00 %								

ELKTON CROP SVC. GUTHRIE KY 42234								
05-26-30	81872	5.84	26.20	30.44		101	CM	Bulk
05-26-30	81873	5.94	26.13	30.48		102	CM	Bulk
09-25-27	81680	10.71	27.74	24.43 *		105	CM	Bulk
09-25-27	81681	9.64	24.98	27.97		100	CM	Bulk
10-27-24	81678	9.17 *	23.88 *	29.18		94 *	CM	Bulk
10-27-24	81679	8.62 *	23.07 *	30.92		93 *	CM	Bulk
10-27-24	81874	10.47	26.41	27.02		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

ELKTON CROP SVC. GUTHRIE KY 42234								
10-27-24	81875	10.37	26.11	26.65		99	CM	Bulk
10-27-24	81876	10.34	26.47	26.45		99	CM	Bulk
10-27-24	81877	10.31	26.35	26.34		99	CM	Bulk
10-27-24	81878	10.48	26.57	26.35		100	CM	Bulk
10-27-24	82195	10.54	26.43	25.91		99	CM	Bulk
10-27-24	82196	10.65	26.98	25.39		100	CM	Bulk
Statistical Analysis for Grade : 10-27-24								
Number of Samples This Grade : 9								
Average Analysis :		10.11	25.81	27.13		98.0		
CV, %		7.02	5.26	6.52				

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.22	96.40	108.62				
ALL SAMPLES, CV %		8.4	6.78	8.83				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 23.08 %								

ENVIRO-SAFE LABS, INC SARASOTA FL 34240								
10-02-08	80919+	10.04	2.57	9.36		109	Blend	Bag
10-02-08	80925+	9.95	3.56	8.21		112	Blend	Bag
16-02-14	80918+	16.35	2.84	14.38		106	Blend	Bag
16-02-14	80924+	16.75	2.66	14.79		108	Blend	Bag
18-06-08	80153+	19.84	6.24	8.91		109	Mnfr	Bag
18-06-08	80436+	19.33	6.68	8.46		108	Mnfr	Bag

ESPOMA CO. MILLVILLE NJ 08332								
04-03-03	81685+	3.52 *	4.64	3.90		123	Blend	Bag
04-03-03	81763+	4.00	3.52	2.47 *		104	Blend	Bag
04-03-03	82557+	3.95	4.15	3.86		120	Blend	Bag
04-03-03	82615+	3.87	3.86	3.35		112	Blend	Bag
04-06-04	80056+	4.64	5.67	5.11		107	Blend	Bag
04-06-04	82620+	4.07	6.73	4.61		110	Blend	Bag
04-10-06	80037+	4.67	10.36	9.20		115	Blend	Bag
05-03-03	80036+	4.29 *	4.49	4.44		116	Blend	Bag

FARMERS FERTILIZER CO. SMITHS GROVE KY 42171								
02-12-28	80443	2.71	11.69	28.00		99	CM	Bulk
18-00-36	81522	19.00	0.00	35.37		101	CM	Bulk
19-19-19	82002	20.78	20.13	18.26		105	CM	Bulk
24-13-17	81999	25.54	13.05	17.15		101	CM	Bulk
24-13-17	82001	25.91	12.92	17.49		102	CM	Bulk
26-11-14	82003	27.22	12.05	14.99		102	CM	Bulk
26-11-14	82005	31.05	13.53	9.57 *		107	CM	Bulk
31-07-12	82000	31.68	8.79	13.13		104	CM	Bulk
31-07-12	82004	32.15	8.09	12.76		102	CM	Bulk
34-16-00	81526	35.19	17.09	0.00		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
FARMERS FERTILIZER CO. SMITHS GROVE KY 42171								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.43	104.33	96.79				
ALL SAMPLES,CV %		4.64	6.31	12.45				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 10.00 %								
FARMERS FERTILIZER CO.(KELLY RD) BOWLING GREEN KY 42101								
11-11-34	81342	11.90	12.29	35.36		104	CM	Bulk
12-13-32	81349	11.70	13.20	34.10		100	CM	Bulk
18-18-18	81346	19.94	18.47	19.27		102	CM	Bulk
19-13-09	81340	17.75	13.72	10.61		98	CM	Bulk
19-13-09	81348	18.43	14.66	10.39		102	CM	Bulk
21-00-31	81345	20.82	0.00	33.74		101	CM	Bulk
22-15-15	81344	23.11	14.65	16.10		100	CM	Bulk
26-29-00	81343	25.80	29.97	0.00		100	CM	Bulk
28-09-06	81347	28.37	9.37	6.82		102	CM	Bulk
32-08-11	81341	32.40	8.51	11.95		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.72	100.78	105.79				
ALL SAMPLES,CV %		4.06	3.62	2.91				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 0.00 %								
FARMERS FERTILIZER CO.(NASH. RD) BOWLING GREEN KY 42101								
09-09-09	81518	10.25	10.29	9.20		104	CM	Bulk
17-17-17	81520	17.54	17.66	17.94		102	CM	Bulk
19-14-10	81514	19.48	13.24	9.74		98	CM	Bulk
19-14-10	81528	19.57	14.73	9.92		103	CM	Bulk
19-14-10	81529	19.81	14.30	10.18		103	CM	Bulk
19-14-10	81530	18.64	14.39	10.29		101	CM	Bulk
22-20-13	81513	22.59	21.13	14.31		101	CM	Bulk
24-19-12	81521	24.90	18.92	12.98		100	CM	Bulk
35-06-08	81527	35.06	6.08	9.98		100	CM	Bulk
38-11-00	81517	39.70	11.24	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.43	100.17	103.35				
ALL SAMPLES,CV %		2.32	4.21	5.51				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								
FARMERS GIN CO. CLINTON KY 42031								
07-18-36	81097	7.23	18.80	34.93		100	CM	Bulk
08-20-32	81123	8.50	22.05	32.38		103	CM	Bulk
09-23-30	82058	9.33	24.09	29.21		102	CM	Bulk
14-19-25	82056	13.54	20.02	27.52		101	CM	Bulk
14-19-25	82057	14.32	20.50	25.66		102	CM	Bulk
30-00-20	81103	31.19	0.00	19.82		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

FARMERS GIN CO. CLINTON KY 42031								
33-07-10	81098	33.91	7.81	10.72		102	CM	Bulk
33-07-10	81099	34.39	7.63	10.08		101	CM	Bulk
33-07-10	81101	33.80	8.26	10.47		102	CM	Bulk
33-07-10	81102	33.43	7.79	10.45		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.73	103.18	101.64				
ALL SAMPLES,CV %		2.55	2.43	3.81				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								

FELTY CROP SVC. BEAVER DAM KY 42320								
09-23-30	82329	9.34	23.57	30.89		103	CM	Bulk
09-23-30	82330	9.07	23.18	31.41		102	CM	Bulk
09-23-30	82332	8.48	22.36	32.55		100	CM	Bulk
09-23-30	82333	8.62	23.06	31.92		101	CM	Bulk
09-23-30	82334	8.78	23.17	31.53		102	CM	Bulk
09-23-30	82335	8.60	23.02	32.29		102	CM	Bulk
09-23-30	82336	8.88	22.85	31.61		101	CM	Bulk
09-23-30	82337	9.11	22.80	31.34		101	CM	Bulk
09-23-30	82338	8.94	22.84	31.06		101	CM	Bulk
09-23-30	82341	9.08	23.10	30.27		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 10								
Average Analysis :		8.89	23.00	31.49		101.3		
CV, %		3.04	1.37	2.12				
19-09-26	82331	19.74	9.38	28.54		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.03	99.62	105.06				
ALL SAMPLES,CV %		3	1.76	2.04				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041								
00-00-61	81020	0.00	0.00	61.33		101	Mat	Bulk
00-00-61	81023	0.00	0.00	62.26		102	Mat	Bulk
03-09-19	81705	3.86	9.04	16.71 *		93 *	CM	Bulk
04-08-12	82747	4.43	8.68	13.34		106	CM	Bulk
10-00-23	82750	10.54	0.00	24.35		104	CM	Bulk
12-15-24	82745	11.99	15.05	24.78		99	CM	Bulk
13-08-08	81740	12.98	8.00	8.15		95 *	CM	Bulk
13-08-12	82742	12.99	8.42	13.55		100	CM	Bulk
14-00-20	82743	14.59	0.00	20.46		101	CM	Bulk
15-00-00	81706	15.06	0.00	0.00		98	CM	Bulk
18-00-18	82741	17.13	0.00	19.72		99	CM	Bulk
18-46-00	81017	17.26	45.91	0.00		99	Mat	Bulk
18-46-00	81018	17.84	45.90	0.00		100	Mat	Bulk
18-46-00	81024	17.83	45.49	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041								
20-08-21	82748	20.83	8.74	23.18		102	CM	Bulk
20-10-15	82744	19.76	10.32	15.71		101	CM	Bulk
22-12-12	82749	22.68	12.13	13.33		101	CM	Bulk
22-12-18	82746	21.91	12.08	18.41		100	CM	Bulk
23-00-00	81707	23.91	0.00	0.00		104	CM	Bulk
34-00-00	81021	33.78	0.00	0.00		101	Mat	Bulk
34-00-00	81022	33.39	0.00	0.00		100	Mat	Bulk
46-00-00	81019	45.78	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.40	99.29	102.79				
ALL SAMPLES, CV %		3.18	3.11	5.55				
NUMBER OF ANALYSIS		20	12	14				
Deficiency Rate = 9.09 %								

FRANKLIN CROP SVC. FRANKLIN KY 42134								
05-14-38	80941+	5.73	14.54	39.61		100	CM	Bulk
12-32-14	80296	12.61	32.44	15.46		100	CM	Bulk
12-32-14	80297	12.69	32.51	15.35		100	CM	Bulk
22-13-19	81785	23.34	14.12	20.36		103	CM	Bulk
26-06-08	81782	26.18	8.48	9.68		107	CM	Bulk
30-09-12	81783	31.86	9.00	12.14		101	CM	Bulk
30-09-12	81784	31.59	9.37	12.36		102	CM	Bulk
30-09-12	81786	30.01	10.39	13.06		102	CM	Bulk
30-09-12	81787	28.51 *	9.91	15.86		101	CM	Bulk
30-09-12	81788	31.27	9.82	12.97		103	CM	Bulk
Statistical Analysis for Grade : 30-09-12								
Number of Samples This Grade : 5								
Average Analysis :		30.65	9.70	13.28		101.6		
CV, %		4.53	5.49	11.26				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.98	103.62	106.71				
ALL SAMPLES, CV %		3.37	9.49	7.95				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

FREE FLOW FERTILIZER CO. MAUMEE OH 43537								
24-03-12	80417+	24.68	3.14	11.81		102	Blend	Bag
24-04-16	81728+	23.55	3.85	17.52		101	Blend	Bag
36-03-04	80950	35.47	3.05	5.90		102	Blend	Bag

FRIT INDUSTRIES OZARK AL 36361								
00-00-00	81747+	0.00	0.00	0.00			Mat	Bag

GRAVES CO CO-OP MAYFIELD KY 42066								
08-20-33	82689	7.34	18.56 *	36.81		98	CM	Bulk
09-23-30	81834	8.90	22.10	31.74		100	CM	Bulk
09-23-30	81835	9.25	23.44	30.02		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

GRAVES CO CO-OP MAYFIELD KY 42066								
09-23-30	81838	8.93	22.63	31.05		100	CM	Bulk
09-23-30	81839	8.82	22.16	31.15		99	CM	Bulk
09-23-30	81845	9.68	24.49	29.52		104	CM	Bulk
09-23-30	82688	7.98 *	20.24 *	35.42		97	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		8.93	22.51	31.48		100.3		
CV, %		6.3	6.35	6.64				
13-35-13	81844	14.18	35.65	14.22		101	CM	Bulk
23-16-16	81233	23.31	17.01	17.36		103	CM	Bulk
27-11-15	81843	27.04	12.27	16.49		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.61	98.84	106.02				
ALL SAMPLES,CV %		5.42	6.29	5.22				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								

GREEN CHARGER FERT CORP. RICHMOND VA 23260								
10-10-10	80177	9.64	9.19	9.56		94 *	Blend	Bag
10-10-10	81100	9.62	10.13	9.57		98	Blend	Bag
10-10-10	81990	10.08	9.61	11.00		101	Blend	Bag
15-15-15	80178	14.49	14.43	15.17		97	Blend	Bag
34-00-00	81112	34.28	0.00	0.00		102	Mat	Bag
34-00-00	82489	33.80	0.00	0.00		99	Mat	Bag

GREEN LIGHT SAN ANTONIO TX 78216								
12-55-06	80078+	12.28	54.16	5.83		99	Blend	Bag
12-55-06	82558+	12.28	54.81	5.86		100	Blend	Bag

GREEN RIVER FEED MILL MORGANTOWN KY 42261								
13-13-13	82311	12.68	13.43	17.84		102	CM	Bulk
19-19-19	82197	18.65	20.18	21.37		103	CM	Bulk
19-19-19	82204	19.24	20.15	19.60		102	CM	Bulk
24-15-15	82320	22.85	16.30	16.80		100	CM	Bulk
24-15-15	82322	23.60	16.24	18.16		102	CM	Bulk
25-15-15	82321	23.92	15.54	17.88		101	CM	Bulk
26-05-21	82309	25.53	5.74	22.66		100	CM	Bulk
26-05-21	82310	25.93	5.93	22.54		102	CM	Bulk
26-05-21	82318	26.14	5.60	22.80		101	CM	Bulk
32-09-10	82319	32.24	10.43	10.93		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.87	102.58	111.09				
ALL SAMPLES,CV %		2.47	2.54	7.12				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

GREENLEAF PLANT FOOD DANVILLE KY 40423								
00-00-60	80862	0.00	0.00	59.65		99	Mat	Bulk
04-00-28	82821+	5.21	0.00	28.66		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
GREENLEAF PLANT FOOD DANVILLE KY 40423								
06-12-12	81409	5.72	11.03 *	11.80		94 *	Blend	Bag
10-10-10	81405	8.08 *	6.17 *	9.36		75 *	Blend	Bag
12-24-24	81406	12.46	24.20	24.43		102	Blend	Bag
15-15-15	81407	15.46	15.06	14.98		101	Blend	Bag
17-03-16	82818	17.61	3.54	16.93		103	CM	Bulk
18-46-00	80863	17.57	45.70	0.00		99	Mat	Bulk
19-19-19	80478	18.79	18.25	20.59		100	Blend	Bag
19-19-19	81408	18.45	18.60	20.82		100	Blend	Bag
20-00-16	82819+	21.76	0.00	16.70		106	CM	Bulk
20-00-16	82820+	20.26	0.00	16.75		101	CM	Bulk
20-00-16	82822+	20.27	0.00	15.73		99	CM	Bulk
20-00-16	82823+	20.93	0.00	16.59		103	CM	Bulk
20-00-16	82824+	20.98	0.00	15.93		102	CM	Bulk
20-00-16	82825+	20.39	0.00	17.07		103	CM	Bulk
Statistical Analysis for Grade : 20-00-16								
Number of Samples This Grade : 6								
Average Analysis :		20.77	0.00	16.46		102.6		
CV, %		2.81	0	3.15				
21-00-10	82583+	20.54	0.00	11.57		98	CM	Bulk
23-00-09	82817	24.25	0.00	9.25		103	CM	Bulk
46-00-00	80861	46.11	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.82	93.52	102.30				
ALL SAMPLES,CV %		5.85	14.1	4.03				
NUMBER OF ANALYSIS		18	8	17				
Deficiency Rate = 10.53 %								
GREENVIEW DIV- LEBANON SEABOARD CO LEBANON PA 17042								
10-16-20	80161+	9.79	15.70	20.37		99	Blend	Bag
11-23-10	81029	10.37	20.98 *	9.96		93 *	Blend	Bag
30-03-04	81031	34.97	3.80	2.90 *		115	Blend	Bag
30-03-05	80162	30.04	4.94	4.08 *		104	Blend	Bag
30-03-05	81030	30.71	2.55	5.21		101	Blend	Bag
GRIFFIN INDUSTRIES INC. COLD SPRING KY 41076-1821								
05-05-05	80830+	5.17	6.84	5.73		121	Mnfr	Bulk
05-06-06	80820+	5.62	6.98	4.96 *		108	Mnfr	Bag
05-06-06	82848+	5.93	6.33	5.98		108	Mnfr	Bag
07-12-00	80828+	7.60	11.16	0.00		98	Mnfr	Bulk
08-03-05	80001+	8.71	3.71	5.49		112	Mnfr	Bag
08-03-05	80006+	9.01	3.53	5.38		113	Mnfr	Bag
08-03-05	80541+	8.12	3.66	4.13 *		103	Mnfr	Bag
08-03-05	80822+	8.68	3.87	4.40 *		110	Mnfr	Bag
08-03-05	82844+	9.26	2.62	4.27 *		102	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

GRIFFIN INDUSTRIES INC. COLD SPRING KY 41076-1821								
Statistical Analysis for Grade : 08-03-05								
Number of Samples This Grade : 5								
Average Analysis :		8.76	3.48	4.73		108.0		
CV, %		4.88	14.23	13.76				
08-05-05	80003+	8.54	4.65	4.68		100	Mnfr	Bulk
08-05-05	80533+	8.86	6.95	5.40		120	Mnfr	Bag
08-05-05	80824+	8.54	5.44	4.73		105	Mnfr	Bag
08-05-05	82846+	8.88	6.52	4.74		116	Mnfr	Bag
08-10-02	80831+	8.39	10.55	2.15		105	Mnfr	Bulk
09-00-09	80538+	9.79	0.00	9.81		109	Mnfr	Bag
10-02-03	80823	9.39	5.00	4.00		127	Mnfr	Bulk
10-02-08	80002+	9.88	2.62	9.78		109	Mnfr	Bag
10-02-08	80534+	9.82	4.00	6.58 *		107	Mnfr	Bag
10-02-08	80826+	10.44	2.12	6.79 *		99	Mnfr	Bag
10-02-08	82845+	10.36	2.55	8.49		108	Mnfr	Bag
10-03-10	80537+	10.44	6.03	8.08 *		114	Mnfr	Bag
12-02-06	80004+	11.58	3.16	7.78		110	Mnfr	Bag
12-02-06	80540+	11.65	3.10	7.26		108	Mnfr	Bag
12-02-06	80821+	11.22	3.57	7.45		112	Mnfr	Bag
12-02-06	82850+	12.45	3.04	5.54		109	Mnfr	Bag
13-00-00	80005+	13.32	0.00	0.00		102	Mnfr	Bag
13-00-00	80535+	12.73	0.00	0.00		98	Mnfr	Bag
13-00-00	82847+	12.97	0.00	0.00		100	Mnfr	Bag
15-02-08	80008+	13.20 *	2.74	8.07		95 *	Mnfr	Bag
15-02-08	80539+	14.65	2.05	7.41		97	Mnfr	Bag
15-02-08	80825+	15.10	2.72	6.55 *		101	Mnfr	Bag
15-02-08	82851+	14.78	2.18	9.49		104	Mnfr	Bag
21-03-07	80007+	21.24	4.38	7.85		108	Mnfr	Bag
21-03-07	80542+	21.89	3.31	6.24 *		103	Mnfr	Bag
21-03-07	80829+	20.07	4.02	6.51		100	Mnfr	Bag
21-03-07	82849+	21.35	4.09	8.22		109	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.36	133.66	101.87				
ALL SAMPLES, CV %		6.43	26	15.16				
NUMBER OF ANALYSIS		36	32	32				
Deficiency Rate = 27.78 %								

GRIGG BROTHERS ALBION ID 83311								
10-02-04	81727+	12.69	2.68	4.00		124	Mnfr	Bag
16-04-08	81731+	15.06	4.03	8.77		98	Mnfr	Bag

GRO TEC INC. MADISON GA 30650-1821								
00-00-00	80951	0.01	0.02	0.02		99	Blend	Liq
06-10-10	81131	6.71	10.90	10.84		110	Blend	Bag
06-12-12	81675	6.05	11.22	12.29		97	Blend	Bag
08-12-04	82484	7.20 *	11.03 *	4.47		93 *	Blend	Bag
09-09-06	82485	9.43	9.53	6.36		105	Blend	Bag
10-10-10	80096	8.59 *	7.77 *	9.77		85 *	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	80441	9.91	11.27	9.93		105	Blend	Bag
10-10-10	80445	10.94	10.21	9.96		104	Blend	Bag
10-10-10	80450	9.97	9.84	9.93		99	Blend	Bag
10-10-10	80893	10.11	10.03	10.25		101	Blend	Bag
10-10-10	80903	10.27	10.89	9.43		104	Blend	Bag
10-10-10	80923	8.92 *	8.99 *	10.61		93 *	Blend	Bag
10-10-10	80954	8.92 *	9.65	9.78		94 *	Blend	Bag
10-10-10	80957	10.71	10.47	9.67		104	Blend	Bag
10-10-10	80964	10.85	9.34	9.87		100	Blend	Bag
10-10-10	81033	10.90	9.88	11.37		105	Blend	Bag
10-10-10	81042	9.29	9.44	9.34		94 *	Blend	Bag
10-10-10	81050	10.04	9.96	11.36		103	Blend	Bag
10-10-10	81178	9.71	9.01 *	10.47		95 *	Blend	Bag
10-10-10	81222	9.46	9.50	10.75		97	Blend	Bag
10-10-10	81229	10.84	10.31	10.04		104	Blend	Bag
10-10-10	81412	13.03	12.33	13.44		128	Blend	Bag
10-10-10	81413	9.13	9.40	9.86		94 *	Blend	Bag
10-10-10	81415	7.25 *	8.48 *	9.44		82 *	Blend	Bag
10-10-10	81418	10.22	10.62	9.72		103	Blend	Bag
10-10-10	81583	11.14	14.63	9.59		124	Blend	Bag
10-10-10	81767	9.40	9.34	9.91		95 *	Blend	Bag
10-10-10	81768	10.14	10.00	10.24		101	Blend	Bag
10-10-10	82073	8.99 *	10.29	8.47 *		95 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 24								
Average Analysis :		9.95	10.07	10.13		100.4		
CV, %		11.31	13.29	9.28				
12-10-10	80030+	12.64	10.57	9.90		104	Blend	Bag
12-10-10	80446+	11.13	8.18 *	10.03		90 *	Blend	Bag
12-10-10	82314+	12.08	10.51	10.45		103	Blend	Bag
17-17-17	82731	17.24	15.27 *	16.95		96 *	Blend	Bag
18-24-06	80058+	17.25	21.43 *	6.35		93 *	Blend	Bag
18-24-06	80404+	17.50	23.78	6.77		99	Blend	Bag
18-24-06	80429+	19.38	25.04	6.17		106	Blend	Bag
18-24-06	80438+	17.89	24.33	5.90		100	Blend	Bag
18-24-06	80955+	19.59	25.81	6.52		108	Blend	Bag
18-24-06	81687+	20.07	27.95	6.05		114	Blend	Bag
18-24-06	81772+	18.72	23.19	6.69		100	Blend	Bag
18-24-06	82072+	17.97	22.75	6.30		97	Blend	Bag
Statistical Analysis for Grade : 18-24-06								
Number of Samples This Grade : 8								
Average Analysis :		18.55	24.28	6.34		102.1		
CV, %		5.64	8.28	4.8				

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

GRO TEC INC. MADISON GA 30650-1821								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.74	100.58	102.96				
ALL SAMPLES,CV %		10.57	11.74	7.78				
NUMBER OF ANALYSIS		41	41	41				
Deficiency Rate = 31.71 %								

HANCOCK COUNTY FARM HAWESVILLE KY 42348								
00-00-60	82702	0.00	0.00	60.54		101	Mat	Bulk
09-23-30	82705	9.04	23.22	31.14		102	CM	Bulk
12-12-18	82706	11.31	12.73	19.93		100	CM	Bulk
12-12-18	82707	11.23	13.50	20.65		104	CM	Bulk

HELENA CHEMICAL CO. HICKMAN KY 42050								
00-00-60	82048	0.00	0.00	61.25		102	Mat	Bulk
09-23-30	80270	9.17	22.52	31.36		101	CM	Bulk
09-23-30	80271	8.70	21.97	31.62		99	CM	Bulk
09-23-30	80272	8.65	22.43	31.67		100	CM	Bulk
10-20-26	82044+	10.59	20.21	26.87		101	CM	Bulk
10-20-26	82045+	10.20	19.88	27.24		100	CM	Bulk
18-46-00	82046	17.31	45.82	0.00		99	Mat	Bulk
19-10-15	82040+	19.75	11.10	14.86		101	CM	Bulk
19-10-15	82041+	19.48	10.65	15.67		101	CM	Bulk
19-10-15	82042+	19.27	10.85	15.78		101	CM	Bulk
19-10-15	82043+	19.95	10.33	15.24		100	CM	Bulk
19-10-15	82050+	19.41	10.76	15.92		101	CM	Bulk
Statistical Analysis for Grade : 19-10-15								
Number of Samples This Grade : 5								
Average Analysis :		19.57	10.74	15.49		100.8		
CV, %		1.4	2.63	2.81				
21-08-13	82049+	20.51	9.44	14.44		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.45	100.41	103.64				
ALL SAMPLES,CV %		2.01	3.16	1.98				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								

HELENA CHEMICAL CO. OWENSBORO KY 42303								
08-24-04	82033	8.34	24.63	4.11		103	Blend	Liq

HELENA CHEMICAL COMPANY COLLIERVILLE TN 38017								
00-00-00	81598+	0.00	0.00	0.00			Mnfr	Liq
01-00-00	82497+	1.00	0.00	0.00		100	Mnfr	Liq
01-00-00	82498+	1.00	0.00	0.00		100	Mnfr	Liq
07-14-07	82681	6.86	14.30	7.10		101	Blend	Liq
11-08-05	82499+	11.26	7.97	4.97		101	Blend	Liq
11-08-05	82500+	11.31	8.07	5.11		102	Blend	Liq
21-00-00	82047+	21.05	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
HELENA CHEMICAL COMPANY COLLIERVILLE TN 38017								
HENRY FARMERS COOP MURRAY KY 42071								
00-00-60	80784	0.00	0.00	60.60		101	Mat	Bulk
06-15-40	82685	5.96	14.86	40.98		100	CM	Bulk
06-15-40	82686	5.84	14.56	40.45		98	CM	Bulk
08-22-28	81245+	8.33	21.91	28.96		99	CM	Bulk
09-12-32	81248+	9.24	12.73	31.27		99	CM	Bulk
09-12-32	81249+	9.49	12.24	32.15		99	CM	Bulk
11-19-25	82246	11.60	20.17	26.77		102	CM	Bulk
11-19-25	82247	12.00	19.90	26.73		102	CM	Bulk
17-15-20	81241	16.53	15.16	21.67		100	CM	Bulk
17-15-20	81242	16.99	14.74	20.82		99	CM	Bulk
17-17-17	81246	19.35	17.91	15.54 *		101	CM	Bulk
17-17-17	81247	17.02	17.93	18.36		100	CM	Bulk
18-46-00	80785	17.72	45.65	0.00		99	Mat	Bulk
22-10-13	81244	22.83	10.56	14.16		102	CM	Bulk
32-00-00	81243	31.59	0.00	0.00		99	Mat	Liq
32-00-00	82687	31.78	0.00	0.00		99	Mat	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.93	99.17	101.44				
ALL SAMPLES,CV %		3.3	2.2	5.19				
NUMBER OF ANALYSIS		15	13	13				
Deficiency Rate = 6.25 %								
HONEYWELL HOPEWELL VA 23860								
21-00-00	80532+	21.03	0.00	0.00		100	Mat	Bag
HYDROLYSATE COMPANY OF AMERICA, LLC ISOLA MS 38754								
02-03-01	80214+	1.98	3.66	0.11 *		104	Mnfr	Liq
02-03-01	80917+	1.91	3.77	0.78		112	Mnfr	Liq
JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728								
19-19-19	81299	18.95	18.67	19.82		98	CM	Bulk
19-19-19	81300	19.29	20.31	18.32		101	CM	Bulk
19-19-19	81301	19.09	20.99	18.13		102	CM	Bulk
19-19-19	81634	18.94	19.41	20.05		100	CM	Bulk
20-00-23	81298	21.07	0.00	21.61 *		98	CM	Bulk
22-00-20	81631	23.34	0.00	19.09		100	CM	Bulk
22-00-20	81632	23.20	0.00	19.31		100	CM	Bulk
27-13-13	81302	26.26	14.64	13.73		101	CM	Bulk
27-13-13	81303	27.33	14.52	12.95		101	CM	Bulk
27-13-13	81633	27.25	14.70	13.56		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.33	104.03	98.33				
ALL SAMPLES,CV %		2.27	4.4	4.11				
NUMBER OF ANALYSIS		10	7	10				
Deficiency Rate = 10.00 %								
JEFFERSONVILLE RIVER TERMINAL JEFFERSONVILLE IN 47130								
18-46-00	80690	17.79	45.44	0.00		99	Mat	Bulk
18-46-00	82222	17.59	45.58	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
JEFFERSONVILLE RIVER TERMINAL JEFFERSONVILLE IN 47130								
18-46-00	82880	17.68	46.65	0.00		101	Mat	Bulk
KEES FARM SVC. GRAYSON KY 41143								
00-00-50	82380	0.00	0.00	51.12		102	Mat	Bulk
00-00-60	80746	0.00	0.00	61.49		102	Mat	Bulk
15-00-16	82756	16.93	0.00	17.93		109	CM	Bulk
15-00-16	82757	16.22	0.00	18.53		108	CM	Bulk
17-00-16	82858	17.28	0.00	16.09		99	CM	Bulk
17-00-16	82859	18.11	0.00	16.31		103	CM	Bulk
18-46-00	80747	17.35	45.36	0.00		98	Mat	Bulk
27-11-14	82755	28.20	11.78	14.78		102	CM	Bulk
46-00-00	80748	46.07	0.00	0.00		100	Mat	Bulk
KEVIL GRAIN CO. KEVIL KY 42053								
00-00-60	82769	0.00	0.00	60.35		101	Mat	Bulk
09-23-30	82770	8.83	23.46	30.35		101	CM	Bulk
18-46-00	82768	17.79	46.13	0.00		100	Mat	Bulk
KNOX FERTILIZER CO., INC. KNOX IN 46534								
09-09-06	81460	7.63 *	7.85 *	6.24		89 *	Blend	Bag
10-06-04	80051	9.90	5.81	4.49		100	Blend	Bag
10-06-04	80069	10.01	6.17	4.15		101	Blend	Bag
10-10-10	81459	9.54	9.65	10.52		98	Blend	Bag
10-16-20	80125	10.97	16.43	20.19		104	Blend	Bag
11-22-10	80961	11.30	22.55	10.12		102	Blend	Bag
25-00-03	80963	25.80	0.00	3.37		104	Blend	Bag
25-00-03	81035	24.80	0.00	3.25		100	Blend	Bag
25-00-03	81047	25.94	0.00	3.39		104	Blend	Bag
25-00-12	80703+	25.42	0.00	11.97		101	Blend	Bag
27-00-03	80962	27.87	0.00	3.52		104	Blend	Bag
27-03-03	80052	26.72	3.17	3.33		100	Blend	Bag
27-03-03	81411	26.62	3.70	3.05		102	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.02	102.20	106.98				
ALL SAMPLES,CV %		5.75	10.09	5.34				
NUMBER OF ANALYSIS		13	8	13				
Deficiency Rate = 7.69 %								
LEBANON SEABOARD CORP LEBANON PA 17042								
20-04-10	81725+	19.52	4.36	10.14		100	Mnfr	Bag
24-04-12	81730+	22.53	4.90	14.92		105	Blend	Bag
LESCO INC. CLEVELAND OH 44114-1849								
05-10-31	80094+	4.40 *	10.25	29.92		97	Blend	Bag
05-10-31	80102+	4.76	9.82	30.29		97	Blend	Bag
18-24-12	80093+	18.46	25.34	13.01	*	105	Blend	Bag
18-24-12	80105+	17.64	25.40	13.98	*	105	Blend	Bag
18-24-12	82594	19.25	20.34 *	12.07		94 *	Blend	Bag
19-19-19	80257	22.30	14.76 *	19.20		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

LESCO INC. CLEVELAND OH 44114-1849								
21-04-11	80256+	20.33	4.55	12.98		105	Blend	Bag
24-00-11	80095+	22.50	0.00	12.72		98	Blend	Bag
24-00-11	80106+	22.62	0.00	12.93		99	Blend	Bag
24-00-11	82593+	22.40	0.00	12.69		98	Blend	Bag
24-02-11	81692+	23.39	3.19	10.62		102	Blend	Bag
32-03-08	80103+	32.22	3.83	8.61		104	Blend	Bag
34-03-11	80104	34.16	3.21	12.86		103	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.82	108.24	108.33				
ALL SAMPLES,CV %		7.42	21.05	8.11				
NUMBER OF ANALYSIS		13	10	13				
Deficiency Rate = 23.08 %								

LOUISVILLE & JEFFERSON CTY MSD LOUISVILLE KY 40201								
05-03-00	82604+	5.73	3.06	0.00		109	Mat	Bulk
05-03-00	82610+	5.77	3.20	0.00		112	Mat	Bulk
05-03-00	82612+	4.99	3.20	0.00		103	Mat	Bag
05-03-00	82815+	6.01	3.17	0.00		114	Mat	Bulk

MARSHALL COUNTY SOIL BENTON KY 42025								
00-00-60	81235	0.00	0.00	59.44		99	Mat	Bulk
17-15-20	81846	17.18	15.26	21.14		101	CM	Bulk
17-16-18	81234	18.83	16.54	19.82		103	CM	Bulk
17-17-17	81238	18.46	17.60	17.09		103	CM	Bulk
18-46-00	81236	17.49	45.76	0.00		99	Mat	Bulk
19-13-17	81847	18.29	14.15	20.21		102	CM	Bulk
20-18-12	81237	21.85	18.49	13.51		104	CM	Bulk

MARTIN MARIETTA MANISTEE MI 49660								
00-00-00	81147+	0.00	0.00	0.00			Mat	Bag
00-00-00	81380+	0.00	0.00	0.00			Mat	Bag

MARTIN RESOURCES KILGORE TX 75662								
00-00-00	81382+	0.00	0.00	0.00			Mat	Bag
00-00-00	81596+	0.00	0.00	0.00			Mat	Bulk

MATHIS FARM SUPP. MELBER KY 42069								
07-19-34	82262	7.79	19.90	35.55		102	CM	Bulk
07-19-34	82263	7.60	19.64	36.11		102	CM	Bulk
09-23-30	82259	8.64	22.16	31.88		99	CM	Bulk
09-23-30	82260	9.38	23.99	29.44		102	CM	Bulk
09-23-30	82261	9.42	23.89	29.46		102	CM	Bulk
09-23-30	82265	8.94	22.91	31.89		102	CM	Bulk
09-23-30	82267	9.28	24.45	29.65		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MATHIS FARM SUPP. MELBER KY 42069								
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		9.13	23.48	30.46		101.8		
CV, %		3.65	3.95	4.27				
13-15-26	82264	13.48	15.52	27.74		102	CM	Bulk
13-15-26	82268	13.55	15.91	27.60		103	CM	Bulk
13-15-26	82272	13.65	15.60	27.47		102	CM	Bulk
17-09-24	82266	17.07	10.03	24.62		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.56	102.43	102.71				
ALL SAMPLES,CV %		2.57	3.42	2.95				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

MAYFIELD GRAIN CO. MAYFIELD KY 42066								
00-00-60	80617	0.00	0.00	61.02		102	Mat	Bulk
05-13-17	80480	5.67	14.03	19.40		106	CM	Bulk
05-14-18	80481	6.12	15.20	20.38		107	CM	Bulk
05-14-18	80482	5.98	14.94	20.62		106	CM	Bulk
05-14-18	80483	6.25	15.44	19.72		107	CM	Bulk
06-15-40	81840	5.85	15.00	40.50		99	CM	Bulk
07-18-24	80363	8.09	19.68	23.84		103	CM	Bulk
09-23-30	81231	8.62	22.40	30.87		99	CM	Bulk
09-23-30	81836	9.15	23.96	29.33		102	CM	Bulk
09-23-30	81837	9.03	22.75	30.44		100	CM	Bulk
09-23-30	81841	8.72	22.75	31.16		100	CM	Bulk
09-23-30	81842	8.79	22.40	31.84		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.86	22.85	30.73		100.2		
CV, %		2.49	2.82	3.04				
14-18-24	81232	14.39	18.63	24.30		102	CM	Bulk
18-46-00	80618	17.74	45.75	0.00		99	Mat	Bulk
32-00-00	81230	31.73	0.00	0.00		99	Mat	Liq
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.36	101.55	103.60				
ALL SAMPLES,CV %		5.11	3.41	4.03				
NUMBER OF ANALYSIS		14	13	13				
Deficiency Rate = 0.00 %								

MAYFIELD GRAIN HWY 94 WINGO KY 42088								
05-13-17	80528	6.22	14.27	19.24		108	CM	Bulk
12-19-25	81754	12.39	19.82	26.16		100	CM	Bulk

MAYSLICK MILL MAYSLICK KY 41055								
00-00-29	82210	0.00	0.00	29.50		100	CM	Bulk
01-04-48	81507+	1.94	4.89	49.29		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MAYSLICK MILL	MAYSLICK KY	41055						
11-00-13	82888	11.75	0.00	14.25		104	CM	Bulk
14-12-16	82886	14.12	12.22	17.17		100	CM	Bulk
15-07-14	82752	15.38	6.77	14.42		99	CM	Bulk
19-07-25	82753	18.17	9.32	26.66		105	CM	Bulk
19-19-19	82211	18.28	20.46	19.46		100	CM	Bulk
19-19-19	82751	19.63	19.12	20.15		100	CM	Bulk
27-00-22	82887	26.93	0.00	22.63		100	CM	Bulk

MEIJER (GRAND)	GRAND RAPIDS MI	49544						
10-10-10	81410	8.46 *	8.02 *	12.04		90 *	Blend	Bag
15-30-15	80038+	16.95	29.80	16.15		105	Blend	Bag
15-30-15	80070+	17.30	42.83	6.35 *		113	Blend	Bag
18-24-16	80071+	20.36	24.06	16.01		105	Blend	Bag

MILES FARM CENTER (CYN)	CYNTHIANA KY	41031						
07-18-36	81477	7.14	19.41	34.91		101	CM	Bulk
08-06-11	82600	9.61	7.54	11.51		109	CM	Bulk
08-06-11	82601	9.36	6.61	12.32		106	CM	Bulk
08-06-11	82602	9.39	6.55	11.64		103	CM	Bulk
16-00-30	82603	17.00	0.00	30.64		102	CM	Bulk
18-18-18	82598	18.25	18.34	18.31		102	CM	Bulk
18-18-18	82599	18.93	17.91	18.61		102	CM	Bulk
18-21-18	81503	18.70	22.25	18.23		102	CM	Bulk
22-00-20	81474	22.68	0.00	20.46		102	CM	Bulk
25-00-15	81480	26.52	0.00	14.44		103	CM	Bulk
30-00-06	82520	30.97	0.00	5.85		102	CM	Bulk
32-00-00	82595+	33.18	0.00	0.00		102	CM	Bulk
32-00-00	82597+	32.94	0.00	0.00		102	CM	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.83	104.63	100.16				
ALL SAMPLES,CV %		3.68	5.51	2.95				
NUMBER OF ANALYSIS		13	7	11				
Deficiency Rate = 0.00 %								

MILES FARM CENTER (EKR)	EKRON KY	40117						
03-16-23	82453+	4.18	16.40	24.96		105	CM	Bulk
05-26-29	82445	5.67	26.28	29.37		100	CM	Bulk
05-27-28	82444	5.76	26.20	29.71		98	CM	Bulk
08-22-30	82452	8.67	22.65	32.20		102	CM	Bulk
20-12-08	82446	22.43	14.22	10.06		111	CM	Bulk
24-00-28	82450	23.92	0.00	29.65		101	CM	Bulk
24-10-20	82447	24.60	11.09	20.09		103	CM	Bulk
24-10-20	82448	24.38	10.60	21.47		103	CM	Bulk
25-15-15	82451	25.66	15.32	14.79		101	CM	Bulk
36-07-07	82449	35.84	7.45	7.44		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES FARM CENTER (EKR) EKRON KY 40117								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.86	102.99	105.04				
ALL SAMPLES,CV %		7.01	5.13	6.25				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								

MILES FARM CENTER (LEB) LEBANON KY 40033								
04-10-45	81921	4.11	10.70	47.30		101	CM	Bulk
10-27-23	81919	11.05	27.56	24.49		101	CM	Bulk
22-10-13	81925	23.82	10.27	13.94		103	CM	Bulk
22-25-08	81973	23.21	25.51	8.14		102	CM	Bulk
23-15-10	81922	23.79	15.60	10.82		103	CM	Bulk
27-11-15	81920	27.94	12.36	15.20		103	CM	Bulk
27-11-15	81926	28.39	11.96	15.32		103	CM	Bulk
29-10-13	81923	29.61	10.85	14.55		103	CM	Bulk
33-07-10	81918	34.14	8.07	10.76		103	CM	Bulk
36-15-00	81924	37.61	15.78	0.00		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.08	102.50	104.05				
ALL SAMPLES,CV %		2.02	2.58	2.86				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								

MILES FARM CENTER (SAC) SACRAMENTO KY 42372								
05-14-28	82696+	5.52	14.21	28.07		98	CM	Bulk
09-23-30	82690	8.74	21.81	32.28		99	CM	Bulk
09-23-30	82692	9.34	23.44	30.38		102	CM	Bulk
09-23-30	82693	8.85	22.58	31.68		100	CM	Bulk
09-23-30	82694	9.15	23.39	30.93		102	CM	Bulk
09-23-30	82695	8.50	22.55	31.28		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :								
		8.92	22.75	31.31		100.6		
CV, %								
		3.73	2.98	2.31				
22-07-20	82691	21.09	7.41	22.17		99	CM	Bulk

MILES FARM CENTER (SHEL) SHELBYVILLE KY 40065								
00-10-30	82650+	0.00	11.28	29.69		105	Blend	Bag
00-20-20	81475	0.00	21.08	21.46		106	Blend	Bag
00-20-20	81734	0.00	21.52	20.33		106	Blend	Bag
03-12-36	82298	4.13	11.77	34.65		98	CM	Bulk
03-12-36	82299	4.01	11.69	35.63		98	CM	Bulk
05-10-10	81161	4.84	9.67	10.10		98	Blend	Bag
05-10-15	81501	5.00	9.79	15.71		101	Blend	Bag
05-10-15	81732	4.77	9.56	15.50		99	Blend	Bag
05-10-15	82648	5.46	10.58	15.67		106	Blend	Bag
05-10-15	82808	4.82	9.63	17.93		106	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES FARM CENTER (SHEL) SHELBYVILLE KY 40065								
05-10-15	82903	5.33	11.29	16.23		110	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade : 5								
Average Analysis :		5.08	10.17	16.21		104.2		
CV, %		6.07	7.34	6.17				
05-12-43	82300	5.10	12.74	43.26		100	CM	Bulk
05-20-20	81446	5.07	20.50	20.49		102	Blend	Bag
06-12-12	81160	5.38 *	10.65 *	11.97		92 *	Blend	Bag
06-24-24	81735	6.04	24.31	24.72		102	Blend	Bag
09-18-27	81476	9.81	19.05	27.01		104	Blend	Bag
09-23-30	81733	9.10	24.10	28.95		102	Blend	Bag
09-24-27	81757	9.78	24.57	29.64		102	CM	Bulk
10-10-10	80479	10.35	10.15	10.62		103	Blend	Bag
10-10-10	80744	8.89 *	9.16	9.58		92 *	Blend	Bag
10-10-10	81162	10.04	9.61	9.99		98	Blend	Bag
10-10-10	81397	9.91	10.20	10.70		102	Blend	Bag
10-10-10	81445	10.05	10.01	9.84		100	Blend	Bag
10-10-10	81502	8.80 *	8.63 *	9.61		89 *	Blend	Bag
10-10-10	81561	9.09 *	9.27	11.72		97	Blend	Bag
10-10-10	82591	10.76	10.00	10.94		105	Blend	Bag
10-10-10	82647	9.88	10.15	9.82		100	Blend	Bag
10-10-10	82759	11.02	10.69	11.20		109	Blend	Bag
10-10-10	82807	9.55	9.67	10.92		99	Blend	Bag
10-10-10	82901	10.77	10.04	10.12		103	Blend	Bag
10-10-10	82902	11.24	9.53	9.50		101	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 13								
Average Analysis :		10.03	9.78	10.35		99.8		
CV, %		7.93	5.54	6.86				
10-20-20	81726	10.55	20.77	20.58		104	Blend	Bag
12-12-12	80124	11.64	10.33 *	10.88 *		91 *	Blend	Bag
12-12-12	82592	11.21	11.36	13.08		97	Blend	Bag
12-24-24	81447	13.41	27.57	21.61 *		108	Blend	Bag
15-04-34	81758+	15.17	4.83	35.43		103	CM	Bulk
18-00-00	81759	18.58	0.00	0.00		100	CM	Bulk
18-24-12	82900	18.05	22.99	12.73		98	Blend	Bag
19-19-19	80745	18.56	18.83	19.99		100	Blend	Bag
19-19-19	81393	19.04	18.97	20.14		101	Blend	Bag
19-19-19	81448	18.07	19.40	21.97		102	Blend	Bag
19-19-19	81473	18.62	18.33	20.70		100	Blend	Bag
19-19-19	81756	19.79	20.33	20.06		104	CM	Bulk
19-19-19	82649	20.38	18.32	17.48 *		99	Blend	Bag
19-19-19	82904	18.78	19.26	20.18		101	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 : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		19.03	19.06	20.07		101.1		
CV, %		4.17	3.65	6.67				
24-15-16	82301	23.99	16.02	16.81		101	CM	Bulk
32-00-17	81760	33.84	0.00	18.03		104	CM	Bulk
42-00-00	80624+	42.84	0.00	0.00		102	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.68	100.10	103.16				
ALL SAMPLES,CV %		5.71	6.28	6.16				
NUMBER OF ANALYSIS		45	45	46				
Deficiency Rate = 14.58 %								

MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
00-00-00	80717+	0.00	0.00	0.00			Mnfr	Bulk
00-00-00	80718+	0.00	0.00	0.00			Mat	Bulk
00-00-00	80723+	0.00	0.00	0.00			Mat	Bulk
00-00-00	81060+	0.00	0.00	0.00			Mnfr	Bulk
00-00-50	80734	0.00	0.00	51.74		103	Mat	Bulk
00-00-50	81204	0.00	0.00	51.04		102	Mat	Bulk
00-00-50	81696	0.00	0.00	50.75		102	Mat	Bulk
00-00-50	81699	0.00	0.00	51.19		102	Mat	Bulk
00-00-50	81850	0.00	0.00	52.17		104	Mat	Bulk
00-00-50	82123	0.00	0.00	49.35		99	Mat	Bulk
00-00-50	82504	0.00	0.00	51.25		102	Mat	Bulk
00-00-50	82630	0.00	0.00	51.86		104	Mat	Bulk
00-00-50	82703	0.00	0.00	50.65		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 9								
Average Analysis :		0.00	0.00	51.11		102.2		
CV, %		0	0	1.63				
00-00-60	80175	0.00	0.00	60.75		101	Mat	Bulk
00-00-60	80222	0.00	0.00	61.02		102	Mat	Bulk
00-00-60	80224	0.00	0.00	60.28		100	Mat	Bulk
00-00-60	80235	0.00	0.00	61.35		102	Mat	Bulk
00-00-60	80236	0.00	0.00	61.23		102	Mat	Bulk
00-00-60	80237	0.00	0.00	61.10		102	Mat	Bulk
00-00-60	80302	0.00	0.00	60.94		102	Mat	Bulk
00-00-60	80380	0.00	0.00	60.57		101	Mat	Bulk
00-00-60	80381	0.00	0.00	60.79		101	Mat	Bulk
00-00-60	80424	0.00	0.00	60.47		101	Mat	Bulk
00-00-60	80588	0.00	0.00	61.50		102	Mat	Bulk
00-00-60	80597	0.00	0.00	61.58		103	Mat	Bulk
00-00-60	80623	0.00	0.00	61.01		102	Mat	Bulk
00-00-60	80662	0.00	0.00	58.88		98	Mat	Bulk
00-00-60	80688	0.00	0.00	60.42		101	Mat	Bulk
00-00-60	80711	0.00	0.00	60.90		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
00-00-60	80712	0.00	0.00	61.96		103	Mat	Bulk
00-00-60	80722	0.00	0.00	60.85		101	Mat	Bulk
00-00-60	80725	0.00	0.00	61.35		102	Mat	Bulk
00-00-60	80727	0.00	0.00	60.72		101	Mat	Bulk
00-00-60	80735	0.00	0.00	61.45		102	Mat	Bulk
00-00-60	80738	0.00	0.00	61.99		103	Mat	Bulk
00-00-60	80856	0.00	0.00	59.73		100	Mnfr	Bulk
00-00-60	80869	0.00	0.00	59.56		99	Mat	Bulk
00-00-60	80939	0.00	0.00	59.63		99	Mat	Bulk
00-00-60	80943	0.00	0.00	59.18		99	Mat	Bulk
00-00-60	81059	0.00	0.00	59.54		99	Mat	Bulk
00-00-60	81079	0.00	0.00	59.97		100	Mat	Bulk
00-00-60	81506	0.00	0.00	60.48		101	Mat	Bulk
00-00-60	81523	0.00	0.00	60.88		101	Mat	Bulk
00-00-60	81695	0.00	0.00	59.22		99	Mat	Bulk
00-00-60	81698	0.00	0.00	59.70		100	Mat	Bulk
00-00-60	81703	0.00	0.00	59.32		99	Mat	Bulk
00-00-60	81848	0.00	0.00	60.42		101	Mat	Bulk
00-00-60	81851	0.00	0.00	61.91		103	Mat	Bulk
00-00-60	82124	0.00	0.00	61.07		102	Mat	Bulk
00-00-60	82502	0.00	0.00	61.33		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 37								
Average Analysis :		0.00	0.00	60.62		101.0		
CV, %		0	0	1.38				
00-45-00	80221	0.00	46.29	0.00		103	Mat	Bulk
00-45-00	80234	0.00	46.37	0.00		103	Mat	Bulk
00-45-00	80239	0.00	46.08	0.00		102	Mat	Bulk
00-45-00	80303	0.00	46.22	0.00		103	Mat	Bulk
00-45-00	80383	0.00	46.81	0.00		104	Mat	Bulk
00-45-00	80384	0.00	45.80	0.00		102	Mat	Bulk
00-45-00	82501	0.00	45.53	0.00		101	Mat	Bulk
00-45-00	82704	0.00	46.00	0.00		102	Mat	Bulk
Statistical Analysis for Grade : 00-45-00								
Number of Samples This Grade : 8								
Average Analysis :		0.00	46.14	0.00		102.5		
CV, %		0	0.84	0				
00-46-00	80378	0.00	46.91	0.00		102	Mat	Bulk
00-46-00	81700	0.00	45.31	0.00		98	Mat	Bulk
05-08-21	82125+	5.26	8.52	22.07		106	Mat	Bulk
07-24-04	82127	7.13	24.04	3.99		100	Blend	Liq
07-24-04	82339	7.10	24.05	4.03		100	Blend	Liq
07-24-04	82353	7.17	23.97	4.08		100	Blend	Liq
08-21-29	80560+	8.32	20.86	30.72		100	CM	Bulk
08-21-29	80561+	8.19	21.43	30.26		101	CM	Bulk
08-21-29	80562+	8.13	20.55	30.78		99	CM	Bulk
09-23-30	82115	9.34	23.50	30.60		102	CM	Bulk
09-23-30	82116	8.98	22.93	30.95		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
09-23-30	82117	9.09	22.70	31.89		101	CM	Bulk
09-23-30	82118	8.56	21.98	31.77		99	CM	Bulk
09-23-30	82119	9.01	23.75	31.75		104	CM	Bulk
09-23-30	82120	9.08	23.54	31.73		103	CM	Bulk
09-23-30	82121	9.12	23.62	30.40		102	CM	Bulk
09-23-30	82126	8.87	23.28	31.89		102	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :		9.01	23.16	31.37		101.8		
CV, %		2.5	2.58	1.97				
10-50-00	80721	11.23	50.23	0.00		102	Mat	Bulk
11-52-00	80176	10.73	50.51	0.00		97	Mat	Bulk
11-52-00	80590	11.49	51.02	0.00		99	Mat	Bulk
11-52-00	80673	11.58	51.38	0.00		100	Mat	Bulk
18-46-00	80174	18.09	45.70	0.00		100	Mat	Bulk
18-46-00	80223	17.93	46.84	0.00		101	Mat	Bulk
18-46-00	80238	17.56	46.94	0.00		101	Mat	Bulk
18-46-00	80301	17.93	46.38	0.00		100	Mat	Bulk
18-46-00	80379	18.11	47.91	0.00		103	Mat	Bulk
18-46-00	80382	17.96	46.31	0.00		100	Mat	Bulk
18-46-00	80425	17.86	46.40	0.00		100	Mat	Bulk
18-46-00	80591	17.73	47.07	0.00		101	Mat	Bulk
18-46-00	80596	17.79	47.11	0.00		102	Mat	Bulk
18-46-00	80622	17.86	46.20	0.00		100	Mat	Bulk
18-46-00	80671	18.22	46.04	0.00		100	Mat	Bulk
18-46-00	80687	18.14	45.73	0.00		100	Mat	Bulk
18-46-00	80713	17.67	46.30	0.00		100	Mat	Bulk
18-46-00	80714	17.63	46.04	0.00		100	Mat	Bulk
18-46-00	80715	17.74	46.32	0.00		100	Mat	Bulk
18-46-00	80716	17.72	46.07	0.00		100	Mat	Bulk
18-46-00	80724	17.68	45.23	0.00		98	Mat	Bulk
18-46-00	80726	17.80	45.65	0.00		99	Mat	Bulk
18-46-00	80733	17.89	45.59	0.00		99	Mat	Bulk
18-46-00	80739	17.70	45.54	0.00		99	Mat	Bulk
18-46-00	80853	17.83	46.07	0.00		100	Mat	Bulk
18-46-00	80871	17.55	46.02	0.00		99	Mat	Bulk
18-46-00	80940	17.68	46.40	0.00		100	Mat	Bulk
18-46-00	80944	17.44	46.00	0.00		99	Mat	Bulk
18-46-00	81057	17.59	46.09	0.00		100	Mat	Bulk
18-46-00	81081	17.64	45.73	0.00		99	Mat	Bulk
18-46-00	81504	17.57	45.50	0.00		99	Mat	Bulk
18-46-00	81524	17.68	45.57	0.00		99	Mat	Bulk
18-46-00	81697	17.71	45.94	0.00		100	Mat	Bulk
18-46-00	81701	17.75	45.26	0.00		98	Mat	Bulk
18-46-00	81702	17.91	45.98	0.00		100	Mat	Bulk
18-46-00	81849	18.17	46.05	0.00		100	Mat	Bulk
18-46-00	82122	17.88	46.35	0.00		100	Mat	Bulk
18-46-00	82503	17.90	46.11	0.00		100	Mat	Bulk
18-46-00	82700	17.68	46.24	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
18-46-00	82701	17.76	46.27	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 36								
Average Analysis :		17.80	46.14	0.00		100.0		
CV, %		1.05	1.18	0				
28-00-00	82031	27.78	0.00	0.00		99	Mat	Liq
28-00-00	82065	27.66	0.00	0.00		99	Mat	Liq
28-00-00	82128	27.76	0.00	0.00		99	Mat	Liq
28-00-00	82340	27.81	0.00	0.00		99	Mat	Liq
28-00-00	82354	27.76	0.00	0.00		99	Mat	Liq
28-00-00	82505	27.76	0.00	0.00		99	Mat	Liq
Statistical Analysis for Grade : 28-00-00								
Number of Samples This Grade : 6								
Average Analysis :		27.76	0.00	0.00		99.1		
CV, %		0.18	0	0				
31-06-09	81852+	30.29	7.10	10.66		103	CM	Bulk
32-00-00	81859	31.93	0.00	0.00		100	Mat	Liq
33-00-00	80689	32.69	0.00	0.00		99	Mat	Bulk
34-00-00	80625	34.20	0.00	0.00		101	Mat	Bulk
34-00-00	80720	33.43	0.00	0.00		100	Mat	Bulk
34-00-00	80855	34.43	0.00	0.00		101	Mat	Bulk
34-00-00	80945	33.46	0.00	0.00		98	Mat	Bulk
34-00-00	81478	33.43	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 5								
Average Analysis :		33.79	0.00	0.00		100.0		
CV, %		1.44	0	0				
46-00-00	80589	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	80598	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	80621	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	80672	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	80686	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	80719	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	80740	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	80854	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	80872	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	80942	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	81058	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	81082	45.58	0.00	0.00		99	Mat	Bulk
46-00-00	81505	46.20	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 13								
Average Analysis :		46.07	0.00	0.00		100.1		
CV, %		0.36	0	0				

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.64	100.71	102.17				
ALL SAMPLES,CV %		2.34	2.6	2.64				
NUMBER OF ANALYSIS		82	66	62				
Deficiency Rate = 0.00 %								

MILES FARM SUPPLY (UPT) UPTON KY 42784								
00-00-38	81272+	0.00	0.00	37.89		97	CM	Bulk
02-11-11	81269	3.34	12.06	12.94		108	CM	Bulk
07-19-33	81271	7.73	19.69	32.66		101	CM	Bulk
18-18-18	81270	18.93	18.93	19.28		102	CM	Bulk
19-19-19	81273	19.40	20.62	19.77		103	CM	Bulk
19-19-19	81274	21.11	20.02	16.91 *		102	CM	Bulk
23-16-16	81265	23.99	16.71	16.97		103	CM	Bulk
26-00-25	81266	26.38	0.00	24.91		99	CM	Bulk
27-13-13	81268	26.92	13.93	13.99		101	CM	Bulk
30-00-00	81267	31.04	0.00	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.85	103.32	100.64				
ALL SAMPLES,CV %		10.82	1.55	6.35				
NUMBER OF ANALYSIS		9	7	9				
Deficiency Rate = 10.00 %								

MILES-GLENDALE FARM SVC. GLENDALE KY 42740								
11-11-35	82093	12.08	11.92	37.86		104	CM	Bulk
16-21-21	82095	16.74	22.45	22.42		104	CM	Bulk
16-21-21	82096	16.36	23.23	22.41		105	CM	Bulk
17-13-26	82094	18.20	13.80	27.41		104	CM	Bulk
17-13-26	82099	18.15	12.99	26.15		100	CM	Bulk
18-18-21	82097	18.26	18.86	21.41		101	CM	Bulk
18-18-21	82098	18.68	18.90	21.76		103	CM	Bulk
19-18-19	82100	20.37	18.33	19.14		100	CM	Bulk
23-13-18	82091	23.62	14.03	19.00		101	CM	Bulk
31-00-18	82092	31.40	0.00	20.77		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.00	102.58	103.35				
ALL SAMPLES,CV %		1.08	3.39	3.49				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								

MILLER CHEMICAL & FERT. HANOVER PA 17331								
09-15-30	81677+	10.99	16.05	30.66		107	Mnfr	Bag
20-20-20	81676+	20.32	22.11	19.63		105	Mnfr	Bag

MONTYS PLANT FOOD LOUISVILLE KY 40222								
00-00-00	80915	0.07	0.14	0.08		29 *	Mnfr	Liq
04-15-12	81028	5.80	17.26	13.29		118	Mnfr	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MONTYS PLANT FOOD LOUISVILLE KY 40222								

NATURE'S PERFECT BLEND DACULA GA 30019								
04-06-04	80025+	3.70	9.23	4.58		127	Blend	Bag

NORTH PACIFIC PORTLAND OR 97208								
09-03-07	82843+	9.47	3.72	6.44		106	Mnfr	Bulk

OLDFIELD, J.A. & SON MIZE KY 41352								
00-00-50	81015	0.00	0.00	51.90		104	Mat	Bulk
00-00-60	81014	0.00	0.00	60.63		101	Mat	Bulk
00-46-00	81016	0.00	45.91	0.00		100	Mat	Bulk
05-10-15	81815	4.70	9.27	15.69		98	Blend	Bag
05-20-20	82226	5.02	20.39	19.55		101	Blend	Bag
06-24-24	82646	5.27 *	22.26 *	25.46		96 *	Blend	Bag
09-18-27	82229	8.53	17.26	27.29		98	Blend	Bag
10-10-10	81814	9.86	10.02	10.70		101	Blend	Bag
10-10-10	82228	10.94	9.41	9.75		100	Blend	Bag
12-05-08	82224	12.95	5.51	8.89		104	CM	Bulk
12-12-12	82227	11.32	11.48	12.66		97	Blend	Bag
15-05-08	82231	15.98	6.24	9.18		110	CM	Bulk
18-46-00	81012	17.86	46.18	0.00		100	Mat	Bulk
18-46-00	81013	17.97	45.77	0.00		100	Mat	Bulk
19-00-00	82225	20.72	0.00	0.00		105	CM	Bulk
19-19-19	82221	20.07	19.31	19.35		103	CM	Bulk
19-19-19	82223	18.62	20.46	18.65		102	CM	Bulk
19-19-19	82230	18.87	19.71	18.75		101	Blend	Bag
19-19-19	82644	18.31	17.91	20.70		98	Blend	Bag
46-00-00	81011	45.96	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.54	100.32	102.94				
ALL SAMPLES,CV %		5.35	6.8	3.71				
NUMBER OF ANALYSIS		17	16	15				
Deficiency Rate = 5.00 %								

PLEASANT VIEW FARMS AUBURN KY 42206								
08-21-30	81793	8.92	22.43	30.48		104	CM	Bulk
10-26-26	81989	10.14	25.77	27.01		100	CM	Bulk
17-17-17	81795	17.92	18.06	17.57		101	CM	Bulk
17-17-17	81991	17.89	18.75	17.80		103	CM	Bulk
17-17-17	81993	18.61	17.33	17.11		100	CM	Bulk
20-18-11	81992	21.17	17.73	12.07		99	CM	Bulk
20-18-12	81988	19.54	18.81	13.14		100	CM	Bulk
20-18-12	81994	20.93	18.57	12.52		101	CM	Bulk
24-15-15	81792	24.57	16.18	16.60		103	CM	Bulk
24-15-15	81794	24.59	15.75	17.25		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

PLEASANT VIEW FARMS AUBURN KY 42206								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.88	101.65	102.99				
ALL SAMPLES,CV %		3.27	3.1	3.61				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

POLSON FARM SUPPLY KNOBLICK KY 42154								
00-00-60	80608	0.00	0.00	61.21		102	Mat	Bulk
17-17-17	81570	17.77	17.90	16.80		100	CM	Bulk
18-46-00	80607	17.47	45.32	0.00		98	Mat	Bulk
19-19-19	81567	20.02	19.47	18.71		101	CM	Bulk
19-19-19	81568	20.44	18.80	19.10		100	CM	Bulk
22-13-12	81563	23.02	13.48	12.40		101	CM	Bulk
22-13-12	81571	22.64	13.14	11.74		99	CM	Bulk
23-11-11	81562	23.79	10.92	11.87		100	CM	Bulk
23-11-11	81566	23.50	11.66	12.06		101	CM	Bulk
27-13-13	81564	28.31	13.14	13.78		101	CM	Bulk
27-13-13	81565	28.45	13.65	13.92		103	CM	Bulk
27-13-13	81569	27.09	13.81	14.33		101	CM	Bulk
34-00-00	80606	32.88	0.00	0.00		98	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.98	98.25	100.66				
ALL SAMPLES,CV %		2.56	2.57	3.2				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate = 0.00 %								

POORE, C D FERTILIZER ALBANY KY 42602								
00-00-60	80775	0.00	0.00	61.53		103	Mat	Bulk
05-10-15	82626	4.90	8.78 *	19.94	*	107	Blend	Bag
10-10-10	80014	6.73 *	7.86 *	9.22 *		77 *	Blend	Bag
10-10-10	82628	9.59	9.19	11.36		98	Blend	Bag
16-17-16	81664+	17.22	16.24	17.78		99	CM	Bulk
17-17-17	81665	17.49	17.78	18.52		101	CM	Bulk
18-46-00	80776	17.95	45.92	0.00		100	Mat	Bulk
19-19-19	81660	18.72	20.83	20.18		103	CM	Bulk
19-19-19	81667	19.67	18.56	20.24		100	CM	Bulk
19-19-19	82627	19.14	17.40 *	19.16		97 *	Blend	Bag
21-00-00	80772+	20.85	0.00	0.00		99	Mat	Bulk
25-11-17	81661	25.74	11.76	18.66		103	CM	Bulk
25-11-17	81662	26.59	10.52	17.86		100	CM	Bulk
25-11-17	81666	25.26	10.63	19.26		99	CM	Bulk
29-00-06	82629+	28.49	0.00	7.01		99	CM	Bulk
34-00-00	80774	34.14	0.00	0.00		100	Mat	Bulk
46-00-00	80773	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

POORE, C D FERTILIZER ALBANY KY 42602								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.59	94.87	106.48				
ALL SAMPLES,CV %		8.54	7.97	8.83				
NUMBER OF ANALYSIS		16	12	13				
Deficiency Rate = 17.65 %								

QUALITY BORATE COMPANY CLEVELAND OH 44122								
00-00-00	81511+	0.00	0.00	0.00			Mat	Bag

RICH POND CROP SVC. BOWLING GREEN KY 42104								
09-23-30	80318	8.91	22.15	32.79		101	CM	Bulk
09-23-30	80319	8.79	22.22	31.82		100	CM	Bulk
09-23-30	80320	8.92	22.88	33.00		103	CM	Bulk
09-23-30	80326	8.51	21.74	33.21		100	CM	Bulk
09-23-30	80327	8.73	22.02	31.62		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.77	22.20	32.49		100.5		
CV, %		1.9	1.9	2.21				
12-31-19	80321	12.34	31.28	20.89		102	CM	Bulk
12-31-19	80322	12.20	30.64	20.85		100	CM	Bulk
12-31-19	80323	12.19	31.16	20.25		101	CM	Bulk
12-31-19	80324	11.99	31.35	21.03		101	CM	Bulk
12-31-19	80325	11.72	30.58	21.09		99	CM	Bulk
Statistical Analysis for Grade : 12-31-19								
Number of Samples This Grade : 5								
Average Analysis :		12.09	31.00	20.82		100.6		
CV, %		1.99	1.18	1.61				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.98	97.69	108.68				
ALL SAMPLES,CV %		1.92	1.94	1.86				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

RIPS FARM CENTER TOLLESBORO KY 41189								
00-00-60	82834	0.00	0.00	61.37		102	Mat	Bulk
04-12-12	82754	4.87	12.45	13.18		101	CM	Bulk
18-46-00	82835	17.74	45.38	0.00		99	Mat	Bulk
46-00-00	82836	46.18	0.00	0.00		100	Mat	Bulk

ROGERS FERTILIZER & SERVICES LEBANON KY 40033								
00-00-50	81673	0.00	0.00	49.97		100	Mat	Bulk
00-00-60	80243	0.00	0.00	60.79		101	Mat	Bulk
08-22-29	81669+	8.94	23.73	28.58		102	CM	Bulk
08-22-29	82146+	8.92	23.29	29.41		103	CM	Bulk
10-25-25	81670+	10.20	26.47	24.75		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

ROGERS FERTILIZER & SERVICES		LEBANON KY 40033						
10-25-26	82147	9.82	25.47	27.41		100	CM	Bulk
10-26-26	82148	10.11	26.23	26.76		101	CM	Bulk
18-46-00	80242	18.20	47.13	0.00		102	Mat	Bulk
21-00-00	81672+	21.25	0.00	0.00		101	Mat	Bulk
26-07-10	82149+	26.81	8.17	11.34		102	CM	Bulk
26-08-10	81671+	26.45	8.57	11.30		102	CM	Bulk
46-00-00	80241	45.91	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.21	103.02	102.18				
ALL SAMPLES,CV %		1.27	2.18	3.95				
NUMBER OF ANALYSIS		10	8	9				
Deficiency Rate = 0.00 %								

RUDOLPH FARM SUPPLY, INC		SALEM KY 42078						
06-17-37	82478	6.26	16.22	39.95		99	CM	Bulk
06-17-37	82482	6.51	16.40	38.77		99	CM	Bulk
09-23-30	82480	8.78	22.22	30.05		98	CM	Bulk
09-23-30	82481	9.10	23.96	30.15		103	CM	Bulk
19-19-19	81930	18.47	19.87	21.40		102	CM	Bulk
19-19-19	81931	18.35	19.80	22.02		102	CM	Bulk
21-15-20	81936	20.14	14.53	23.34		99	CM	Bulk
25-15-15	82479	24.18	15.01	16.53		99	CM	Bulk
31-09-12	81932	31.09	9.25	13.66		102	CM	Bulk
32-23-00	81937	32.23	23.07	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.15	98.79	107.97				
ALL SAMPLES,CV %		2.76	3.49	5.41				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								

RUSSELLVILLE CROP SERVICE		RUSSELLVILLE KY 42276-0008						
07-33-21	81864	7.66	33.58	20.68		100	CM	Bulk
07-33-21	81865	7.39	33.53	20.65		99	CM	Bulk
07-36-18	80298	7.54	36.21	19.30		101	CM	Bulk
07-36-18	80299	7.65	36.09	19.41		101	CM	Bulk
07-36-18	80328	7.61	36.24	19.41		101	CM	Bulk
07-36-18	80329	7.55	35.88	19.72		100	CM	Bulk
08-22-28	80287	8.65	22.50	30.48		103	CM	Bulk
08-22-28	80288	8.35	21.66	30.79		100	CM	Bulk
08-22-28	80289	8.18	21.46	30.59		99	CM	Bulk
08-22-28	80317	8.57	21.77	30.62		101	CM	Bulk
09-24-21	81866+	9.66	23.63	23.37		100	CM	Bulk
10-25-22	81867	9.54	24.64	24.29		99	CM	Bulk
10-25-22	81868	9.51	24.23	24.07		98	CM	Bulk
10-48-00	80170	10.20	48.23	0.00		99	CM	Bulk
11-28-18	80286	10.47	27.09	20.22		97	CM	Bulk
16-41-00	80295	15.92	41.60	0.00		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

RUSSELLVILLE CROP SERVICE RUSSELLVILLE KY 42276-0008								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.52	98.25	106.36				
ALL SAMPLES,CV %		3.41	2	3.37				
NUMBER OF ANALYSIS		16	16	14				
Deficiency Rate = 0.00 %								

SCHOCHOH CROP RUSSELLVILLE KY 42276								
08-22-29	80171	8.52	22.00	28.99		99	CM	Bulk
08-22-29	80172	8.23	22.10	29.16		99	CM	Bulk
08-22-29	80173	8.68	22.37	28.42		100	CM	Bulk
09-24-25	80188	9.22	24.46	24.68		98	CM	Bulk
09-24-25	80189	9.33	24.39	24.95		99	CM	Bulk
09-24-25	80190	9.44	25.38	26.41		103	CM	Bulk
09-24-25	80191	9.46	24.55	25.12		99	CM	Bulk
09-24-25	80197	8.92	25.52	24.59		100	CM	Bulk
09-24-25	80284	9.14	23.81	26.89		99	CM	Bulk
09-24-25	80285	9.23	24.02	27.41		100	CM	Bulk
09-24-25	80290	9.12	24.31	26.93		100	CM	Bulk
09-24-25	80291	9.02	23.63	27.11		99	CM	Bulk
09-24-25	80292	9.26	23.89	25.96		99	CM	Bulk
09-24-25	80293	9.17	23.89	25.64		98	CM	Bulk
09-24-25	80294	9.24	23.35	26.74		98	CM	Bulk
Statistical Analysis for Grade : 09-24-25								
Number of Samples This Grade : 12								
Average Analysis :		9.21	24.27	26.04		99.3		
CV, %		1.7	2.71	3.9				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.44	99.25	101.46				
ALL SAMPLES,CV %		1.88	2.42	3.66				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate = 0.00 %								

SCHULTZ CO. BRIDGETON MO 63044								
05-03-03	80033+	4.60 *	4.91	2.79		115	Blend	Bag
05-03-03	81175+	5.92	4.22	3.07		124	Blend	Bag
08-14-09	80265+	7.99	14.73	9.45		104	Blend	Liq
10-12-12	80914+	11.50	11.66	13.09		105	Blend	Bag
10-15-10	80084+	8.40 *	13.34 *	8.46 *		87 *	Blend	Liq
12-02-04	81049+	11.97	5.86	4.90		133	Blend	Bag
12-02-04	81174+	11.81	4.39	4.56		119	Blend	Bag
12-08-10	80912+	12.79	7.85	9.57		101	Blend	Bag
16-12-12	80913+	15.93	11.55	12.72		99	Blend	Bag
19-31-17	80083+	18.36	30.20	17.67		98	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		101.01	139.97	103.61				
ALL SAMPLES,CV %		10.08	48.45	10.39				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								

SCOTTS MIRACLE-GRO PRODUCTS, INC MARYSVILLE OH 43041								
04-12-04	81227	4.21	11.99	4.38		102	Blend	Liq
06-09-00	80077+	7.21	10.85	0.00		120	Blend	Bag
06-12-06	80266+	6.41	12.69	6.17		106	Blend	Bag
08-07-06	80023+	8.37	7.81	6.26		107	Blend	Liq
10-10-10	80259+	11.12	11.39	11.67		113	Blend	Bag
10-10-10	80952+	11.44	10.92	11.53		112	Blend	Bag
10-10-10	82639+	10.83	10.98	11.79		111	Blend	Bag
10-16-10	80250+	10.73	17.07	11.01		107	Blend	Bag
10-16-10	82617+	10.28	17.35	10.85		107	Blend	Bag
12-04-08	80135+	12.81	4.12	8.10		105	Blend	Liq
15-05-10	80431+	15.50	5.24	11.81		107	Blend	Bag
15-30-15	80128+	15.77	30.80	15.37		103	Blend	Bag
24-08-16	81220+	24.03	9.42	17.87		107	Blend	Bag
30-10-10	80136+	31.32	9.73	10.76		103	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.18	107.95	109.71				
ALL SAMPLES,CV %		4.8	6.05	5.44				
NUMBER OF ANALYSIS		14	14	13				
Deficiency Rate = 0.00 %								

SCOTTS SIERRA MARYSVILLE OH 43041								
19-06-12	80260+	20.02	6.89	13.15		108	Blend	Bag
19-06-12	81136+	19.93	7.36	12.97		110	Blend	Bag
19-06-12	82074+	20.11	7.01	12.29		108	Blend	Bag
19-06-12	82640+	19.45	7.27	13.53		109	Blend	Bag

SECURITY SEED & CHEMICAL CO. HOPKINSVILLE KY 42240								
05-13-04	82803+	6.84	12.88	4.56		107	CM	Liq
19-06-02	82477+	19.60	7.23	2.15		106	CM	Liq

SECURITY SEED AND CHEMICAL MURRAY KY 42071								
06-13-04	82250+	6.71	12.94	4.94		107	CM	Liq
06-13-04	82251+	6.59	13.52	5.04		110	CM	Liq

SECURITY SEED/CHEMICAL CLARKSVILLE TN 37040								
24-09-11	81755	24.34	8.63	13.19		101	CM	Bulk
28-00-00	81125	27.81	0.00	0.00		99	Mat	Liq
32-00-00	82552+	31.66	0.00	0.00		100	Mat	Liq
32-00-00	82712	31.59	0.00	0.00		99	Mat	Liq

SOUTH CENTRAL FARM SUPPLY, INC. GAMALIEL KY 42140								
19-19-19	81331	19.94	20.03	19.38		103	CM	Bulk
21-11-15	81338	21.69	11.70	14.73		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SOUTH CENTRAL FARM SUPPLY, INC. GAMALIEL KY 42140								
21-15-20	81333	20.41	15.01	21.21		99	CM	Bulk
25-00-15	81335	24.08	0.00	16.28		98	CM	Bulk
27-11-15	81332	27.01	11.64	16.52		101	CM	Bulk
27-11-15	81339	26.73	11.71	17.41		102	CM	Bulk
27-13-13	81334	26.59	13.71	15.67		101	CM	Bulk
33-00-14	81337	34.09	0.00	15.38		103	CM	Bulk
33-00-16	81329	32.62	0.00	16.87		99	CM	Bulk
38-00-10	81336	38.57	0.00	10.79		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.48	101.26	107.54				
ALL SAMPLES,CV %		2.8	1.95	5.99				
NUMBER OF ANALYSIS		10	6	10				
Deficiency Rate = 0.00 %								
SPECTRUM GROUP ST. LOUIS MO 63114-0642								
02-05-02	80034+	2.12	4.34 *	2.14		94 *	Blend	Liq
09-09-06	80074	9.65	6.48 *	5.61		90 *	Blend	Bag
09-09-06	81215	9.49	9.71	5.92		106	Blend	Bag
09-09-06	81416	9.14	8.96	6.15		101	Blend	Bag
09-09-06	81764	8.90	9.19	6.99		103	Blend	Bag
10-08-08	80073+	10.14	7.27	9.13		100	Blend	Bag
10-10-10	80048	9.38	8.62 *	10.86		94 *	Blend	Bag
10-10-10	80081	9.41	8.66 *	8.78 *		90 *	Blend	Bag
10-10-10	80155	13.04	8.30 *	8.94 *		103	Blend	Bag
10-10-10	80960	7.80 *	8.04 *	8.42 *		80 *	Blend	Bag
10-10-10	81043	8.22 *	9.24	9.02 *		88 *	Blend	Bag
10-10-10	81046	11.41	12.76	10.59		119	Blend	Bag
10-10-10	81224+	10.25	11.07	10.46		107	Blend	Liq
10-10-10	81674	8.74 *	7.91 *	9.43		85 *	Blend	Bag
10-10-10	81691	10.36	10.40	10.83		105	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 9								
Average Analysis :		9.85	9.44	9.70		96.7		
CV, %		16.65	17.37	10.03				
12-04-08	80428+	13.28	4.76	9.12		113	Blend	Bag
12-05-07	80150+	10.35 *	5.81	7.48		97	Blend	Bag
12-05-07	81464+	12.11	6.78	8.05		114	Blend	Bag
12-05-07	81688+	13.98	6.78	9.85		126	Blend	Bag
12-05-08	81465+	13.58	6.82	10.38		123	Blend	Bag
12-06-10	80049+	12.62	5.59	9.15 *		99	Blend	Bag
12-10-05	82560+	9.84 *	6.55 *	6.13		78 *	Blend	Bag
14-07-07	82638+	14.88	7.26	8.44		108	Blend	Bag
15-30-15	80154	15.99	31.74	12.90 *		103	Blend	Bag
15-30-15	80399	15.88	30.29	14.75		102	Blend	Bag
15-30-15	82315	14.82	24.80 *	17.53		91 *	Blend	Bag
17-17-17	80398+	18.54	16.51	18.60		104	Blend	Bag
17-17-17	80447+	18.89	16.41	16.95		103	Blend	Bag
18-24-10	80057+	18.42	23.98	9.38		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SPECTRUM GROUP ST. LOUIS MO 63114-0642								
18-24-10	80249+	17.78	24.60	9.72		101	Blend	Bag
19-06-12	80427+	19.66	6.55	12.48		105	Blend	Bag
20-27-05	80151+	18.83	25.03 *	7.43		96 *	Blend	Bag
22-03-14	80076+	20.58	2.73	15.97		98	Blend	Bag
22-03-14	80085+	23.01	2.43	13.90		101	Blend	Bag
22-03-14	80100+	22.21	3.66	15.54		105	Blend	Bag
22-03-14	80134+	22.62	3.03	13.80		102	Blend	Bag
22-03-14	80142+	21.03	3.78	12.84 *		98	Blend	Bag
22-03-14	80156+	21.66	3.70	14.42		102	Blend	Bag
22-03-14	80158+	20.88	2.98	15.48		99	Blend	Bag
22-03-14	80168+	21.34	2.57	15.41		99	Blend	Bag
22-03-14	80435	21.42	3.20	13.41		98	Blend	Bag
22-03-14	80451+	21.23	3.03	21.65		110	Blend	Bag
22-03-14	80452+	20.99	2.90	15.03		98	Blend	Bag
Statistical Analysis for Grade : 22-03-14								
Number of Samples This Grade : 11								
Average Analysis :		21.54	3.09	15.22		100.8		
CV, %		3.55	14.74	15.48				
22-04-11	80086	23.42	3.89	10.23		103	Blend	Bag
22-04-11	80097+	23.69	4.43	10.89		107	Blend	Bag
22-04-11	80131+	21.12	3.60	9.64 *		94 *	Blend	Bag
22-04-11	80143+	24.53	4.16	12.90		112	Blend	Bag
22-04-11	80267+	20.71	3.06 *	5.37 *		84 *	Blend	Bag
22-04-11	80401	22.10	3.45	10.47		98	Blend	Bag
22-04-11	80406+	21.92	3.79	10.38		98	Blend	Bag
22-04-11	80434	23.91	3.53	11.27		105	Blend	Bag
Statistical Analysis for Grade : 22-04-11								
Number of Samples This Grade : 8								
Average Analysis :		22.67	3.74	10.14		99.9		
CV, %		6.17	11.51	21.31				
24-00-08	81774	25.95	0.00	8.06		107	Blend	Bag
24-00-08	82071	24.07	0.00	8.58		101	Blend	Bag
24-00-08	82077	24.26	0.00	8.35		102	Blend	Bag
24-00-08	82283	25.04	0.00	7.98		104	Blend	Bag
24-00-08	82316	24.06	0.00	9.13		103	Blend	Bag
Statistical Analysis for Grade : 24-00-08								
Number of Samples This Grade : 5								
Average Analysis :		24.68	0.00	8.42		103.2		
CV, %		3.31	0	5.5				
24-08-16	80035+	25.15	9.26	17.03		107	Blend	Bag
24-08-16	80848+	24.11	9.75	16.07		106	Blend	Bag
28-00-04	80926	26.72	0.00	3.26 *		94 *	Blend	Bag
28-00-04	80966	29.77	0.00	4.74		107	Blend	Bag
28-00-04	81040	28.48	0.00	4.72		103	Blend	Bag
28-00-04	81130	29.80	0.00	3.85		106	Blend	Bag
28-00-04	81133	28.20	0.00	4.42		101	Blend	Bag
28-00-04	81582	28.03	0.00	2.79 *		98	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 : 28-00-04								
Number of Samples This Grade : 6								
Average Analysis :		28.50	0.00	3.96		101.6		
CV, %		4.09	0	20.45				
28-02-04	80087	24.80 *	1.94	0.49 *		84 *	Blend	Bag
28-02-04	80098	27.94	2.10	0.33 *		94 *	Blend	Bag
28-03-03	81045	29.96	2.65	3.96		106	Blend	Bag
28-03-03	82075	28.82	2.72	2.77		101	Blend	Bag
28-03-03	82282	25.19 *	2.78	4.79		94 *	Blend	Bag
28-03-08	80080	26.89	3.09	8.00		97	Blend	Bag
28-03-08	80082	30.35	2.35	7.63		104	Blend	Bag
28-03-08	80147	26.60	3.34	8.19		97	Blend	Bag
29-00-05	81134+	29.09	0.00	5.18		101	Blend	Bag
29-00-05	81217+	29.98	0.00	6.12		105	Blend	Bag
29-00-05	81581	28.53	0.00	5.10		99	Blend	Bag
29-00-05	81689+	29.88	0.00	6.87		106	Blend	Bag
29-00-05	81765+	29.94	0.00	4.98		103	Blend	Bag
Statistical Analysis for Grade : 29-00-05								
Number of Samples This Grade : 5								
Average Analysis :		29.48	0.00	5.65		102.7		
CV, %		2.2	0	14.49				
29-01-04	81037+	31.00	1.09	5.19		109	Blend	Bag
29-02-05	80054+	29.54	3.62	4.79		106	Blend	Bag
29-02-05	80065+	29.59	2.28	4.88		102	Blend	Bag
29-02-05	80129	29.81	2.53	5.79		105	Blend	Bag
29-02-05	80251+	31.25	2.52	5.44		109	Blend	Bag
29-02-05	80418+	27.98	2.23	5.21		98	Blend	Bag
Statistical Analysis for Grade : 29-02-05								
Number of Samples This Grade : 5								
Average Analysis :		29.63	2.64	5.22		104.2		
CV, %		3.92	21.5	7.86				
29-03-04	80079+	28.76	3.54	3.52 *		100	Blend	Bag
29-03-04	80146+	25.53 *	2.95	5.28		92 *	Blend	Bag
30-00-05	81039	30.22	0.00	5.75		102	Blend	Bag
30-00-05	81048	31.34	0.00	4.71		104	Blend	Bag
30-00-05	81216	30.73	0.00	5.55		103	Blend	Bag
30-00-05	81226	31.33	0.00	5.58		105	Blend	Bag
30-00-05	81417	30.91	0.00	5.57		104	Blend	Bag
30-00-05	81580	31.33	0.00	4.99		104	Blend	Bag
Statistical Analysis for Grade : 30-00-05								
Number of Samples This Grade : 6								
Average Analysis :		30.98	0.00	5.36		103.6		
CV, %		1.46	0	7.65				
30-03-04	81214	32.83	3.30	3.06 *		107	Blend	Bag
35-00-05	80959+	36.75	0.00	5.13		105	Blend	Bag
35-00-05	81036+	34.28	0.00	5.93		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SPECTRUM GROUP ST. LOUIS MO 63114-0642								
35-00-05	81211+	31.71 *	0.00	8.41		97 *	Blend	Bag
35-00-05	81463+	36.06	0.00	6.09		104	Blend	Bag
35-05-05	80130+	34.78	5.88	5.75		102	Blend	Bag
35-05-05	80246+	33.85	5.92	6.15		101	Blend	Bag
35-05-05	80403+	34.20	6.10	6.23		102	Blend	Bag
35-05-05	80440+	35.71	6.07	5.49		105	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.11	103.51	105.03				
ALL SAMPLES,CV %		7.31	17.68	21.05				
NUMBER OF ANALYSIS		100	74	100				
Deficiency Rate = 26.00 %								

SPEED AG SERVICE HICKMAN KY 42050								
00-00-60	80615	0.00	0.00	61.31		102	Mat	Bulk
00-00-60	80616	0.00	0.00	62.57		104	Mat	Bulk
06-15-40	82054	5.83	15.40	41.91		102	CM	Bulk
07-18-36	81753	7.47	19.28	35.99		103	CM	Bulk
08-22-28	81751+	8.16	22.82	28.86		101	CM	Bulk
09-23-30	81749	9.42	23.90	29.19		102	CM	Bulk
09-23-30	81750	9.45	24.46	28.95		103	CM	Bulk
09-23-30	82051	9.21	23.78	30.87		103	CM	Bulk
09-23-30	82052	8.97	23.84	30.70		103	CM	Bulk
09-23-30	82055	8.81	22.83	31.71		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		9.17	23.76	30.28		102.4		
CV, %		3.05	2.47	3.88				
17-11-22	81752	16.01	12.01	24.92		102	CM	Bulk
17-15-20	82053	17.76	16.36	18.68 *		102	CM	Bulk
18-46-00	80614	17.71	46.73	0.00		101	Mat	Bulk
32-00-00	81748+	30.31 *	0.00	0.00		94 *	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.41	103.43	101.68				
ALL SAMPLES,CV %		4.27	2.21	4.57				
NUMBER OF ANALYSIS		12	11	12				
Deficiency Rate = 14.29 %								

SQM NORTH AMERICA ATLANTA GA 30339								
00-00-00	80870+	0.00	0.00	0.00			Mat	Bag
00-00-00	81479+	0.00	0.00	0.00			Mat	Bag
00-00-00	82882+	0.00	0.00	0.00			Mat	Bag

SS (BARD) BARDSTOWN SVC BARDSTOWN KY 40004								
00-00-31	82088+	0.00	0.00	31.63		101	CM	Bulk
09-23-29	82161	8.79	22.88	31.07		100	CM	Bulk
15-00-40	82113	15.69	0.00	40.52		102	CM	Bulk
19-19-19	81888	19.95	20.02	19.30		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (BARD) BARDSTOWN SVC BARDSTOWN KY 40004								
19-19-19	81891	19.82	19.68	19.80		102	CM	Bulk
19-19-19	82089	19.07	20.82	20.94		105	CM	Bulk
21-20-16	81889	21.70	21.22	16.35		103	CM	Bulk
25-00-26	82087	25.93	0.00	26.92		101	CM	Bulk
25-00-26	82090	25.24	0.00	27.72		101	CM	Bulk
41-05-00	81890+	42.84	5.56	0.00		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.07	102.59	102.62				
ALL SAMPLES,CV %		2.26	2.87	2.21				
NUMBER OF ANALYSIS		9	6	9				
Deficiency Rate = 0.00 %								

SS (BOWL) BOWLING GREEN COOP BOWLING GREEN KY 42101								
06-15-40	80413	6.12	15.97	39.74		102	CM	Bulk
07-18-36	80414	6.74	18.88	35.49		99	CM	Bulk
09-23-30	80350	9.15	23.01	29.62		100	CM	Bulk
12-32-17	80330	12.71	33.35	17.48		101	CM	Bulk
12-32-17	80331	12.73	32.93	18.01		101	CM	Bulk
12-32-17	80351	12.65	31.86	18.35		99	CM	Bulk
12-32-17	80352	12.29	31.77	18.81		98	CM	Bulk
12-32-17	80353	12.85	33.19	16.95		100	CM	Bulk
12-32-17	80354	12.49	32.60	17.82		99	CM	Bulk
12-32-17	80355	12.58	32.89	17.29		100	CM	Bulk
Statistical Analysis for Grade : 12-32-17								
Number of Samples This Grade : 7								
Average Analysis :		12.61	32.66	17.82		99.8		
CV, %		1.45	1.9	3.59				
29-26-00	80349	27.15 *	26.10	0.00		94 *	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.78	99.98	102.41				
ALL SAMPLES,CV %		3.27	2.36	3.81				
NUMBER OF ANALYSIS		11	11	10				
Deficiency Rate = 9.09 %								

SS (CADI) CADIZ BR CADIZ KY 42211								
05-26-30	80340	5.44	25.21	31.36		100	CM	Bulk
05-26-30	80341	5.38	25.30	30.38		99	CM	Bulk
05-26-30	80342	5.72	26.55	28.92		100	CM	Bulk
05-27-27	81239	6.11	27.58	28.73		101	CM	Bulk
10-27-24	81240	10.28	26.44	25.48		99	CM	Bulk
10-27-24	82425	10.38	26.90	25.45		100	CM	Bulk
19-15-21	81087	19.14	15.29	21.80		100	CM	Bulk
21-17-17	82426	21.07	17.17	19.00		99	CM	Bulk
32-11-07	82427	32.92	11.98	8.26		101	CM	Bulk
34-08-08	81056	35.58	8.25	8.87		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (CADI) CADIZ BR CADIZ KY 42211								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.94	98.65	103.24				
ALL SAMPLES,CV %		2.87	2.34	2.78				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (CALH) CALHOUN CALHOUN KY 42327								
07-19-34	82359	7.58	19.52	35.20		100	CM	Bulk
07-19-34	82360	7.12	18.01 *	37.38		98	CM	Bulk
07-19-34	82361	7.90	20.07	35.04		102	CM	Bulk
08-22-30	82470	9.25	23.53	31.28		103	CM	Bulk
08-22-30	82496	9.13	22.51	31.37		101	CM	Bulk
09-23-29	82471	8.43	21.70	33.13		99	CM	Bulk
09-23-30	82355	8.98	23.14	30.97		101	CM	Bulk
09-23-30	82356	8.06 *	20.59 *	33.92		97 *	CM	Bulk
09-23-30	82357	8.65	21.51 *	31.93		98	CM	Bulk
09-23-30	82358	8.85	22.37	31.46		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.64	96.92	105.91				
ALL SAMPLES,CV %		4.9	4.77	3.63				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 30.00 %								

SS (CARL) OWINGS SVC-CARLISLE BR CARLISLE KY 40311								
05-10-15	82653	5.28	10.02	15.52		101	CM	Bulk
06-12-18	82656	6.43	12.63	18.74		103	CM	Bulk
17-10-24	82654	17.51	9.65	25.51		101	CM	Bulk
19-19-19	81958	19.23	20.39	19.33		102	CM	Bulk
19-19-19	81959	18.95	19.84	20.33		101	CM	Bulk
19-19-19	81960	19.43	20.37	18.75		102	CM	Bulk
19-19-19	81971	19.36	19.30	18.89		99	CM	Bulk
19-19-19	81972	19.29	19.71	19.20		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.25	19.92	19.30		101.0		
CV, %		0.96	2.33	3.22				
20-12-20	82655	21.47	12.24	20.71		103	CM	Bulk
21-12-18	82379	20.16	11.91	22.23		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.43	100.42	103.21				
ALL SAMPLES,CV %		3.44	4.14	6.95				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (CLAY) CLAY KY 42404								
08-22-29	82464	8.98	23.24	31.34		102	CM	Bulk
08-22-29	82466	8.74	22.61	31.83		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (CLAY) CLAY KY 42404								
08-22-29	82467	8.91	23.23	31.38		102	CM	Bulk
09-23-30	82463	9.18	23.40	30.00		101	CM	Bulk
09-23-30	82465	8.44	22.63	31.82		100	CM	Bulk
13-19-25	82460	12.96	19.79	29.13		101	CM	Bulk
13-19-25	82461	13.09	20.59	27.52		102	CM	Bulk
13-19-25	82462	13.31	19.29	29.21		101	CM	Bulk
27-13-13	82468	27.65	13.39	14.22		101	CM	Bulk
27-13-13	82469	28.15	12.30	14.30		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.63	99.40	106.66				
ALL SAMPLES,CV %		3.48	3.08	3.41				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (COLU) GREEN RVR SVC ADAIR COLUMBIA KY 42728								
12-24-24	82492	13.41	23.67	23.69		101	CM	Bulk
16-00-30	81543	16.68	0.00	30.61		101	CM	Bulk

SS (CYN) LEXINGTON COOP-CYN BRANCH CYNTHIANA KY 41031								
00-00-13	82397	0.00	0.00	13.83		104	CM	Bulk
00-00-46	82396+	0.00	0.00	48.41		103	CM	Bulk
06-17-37	80108	6.53	17.00	39.29		101	CM	Bulk
12-03-05	82217	13.90	3.95	5.46		108	CM	Bulk
13-05-29	82219+	13.47	5.85	30.65		102	CM	Bulk
25-00-26	82398	26.18	0.00	26.22		101	CM	Bulk
28-04-06	82218	28.62	4.50	6.90		101	CM	Bulk
34-00-15	82220	35.00	0.00	15.75		102	CM	Bulk

SS (DANV) COOP BOYLE BR DANVILLE KY 40422								
03-03-03	82271	7.03	4.37	3.86		132	CM	Bulk
32-00-17	82269	33.07	0.00	17.57		101	CM	Bulk
32-00-17	82270	33.10	0.00	17.46		101	CM	Bulk

SS (ELIZ) HARDIN COOP, INC ELIZABETHTOWN KY 42701								
10-26-25	81601	10.04	25.99	26.00		99	CM	Bulk
10-28-21	82102+	10.73	27.11	20.63		97	CM	Bulk
18-18-18	82101	18.56	17.63	18.96		99	CM	Bulk
19-19-19	81600	19.01	20.00	19.79		101	CM	Bulk
19-19-19	82104	18.98	18.85	19.07		98	CM	Bulk
19-19-19	82106	19.34	19.19	18.46		99	CM	Bulk
19-19-19	82107	19.60	19.93	18.47		101	CM	Bulk
19-19-19	82454	19.06	19.05	19.99		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.20	19.40	19.16		99.6		
CV, %		1.39	2.71	3.75				
22-19-15	82105	19.47 *	19.38	19.06		99	CM	Bulk
29-11-11	82103	29.83	11.37	12.22		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (ELIZ) HARDIN COOP, INC ELIZABETHTOWN KY 42701								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.86	98.87	102.43				
ALL SAMPLES,CV %		4.52	2.76	8.74				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

SS (ELKT) RUSS.-TODD BRANCH ELKTON KY 42220								
09-23-30	80278	8.43	22.73	30.99		99	CM	Bulk
09-23-30	80279	8.78	23.11	30.32		100	CM	Bulk
10-27-23	82190	10.21	26.45	25.92		99	CM	Bulk
10-27-23	82191	10.82	28.22	23.41		101	CM	Bulk
10-27-24	80179	10.45	26.25	24.52		97	CM	Bulk
20-22-14	82193	20.06	23.03	15.65		100	CM	Bulk
25-18-11	81352	25.16	18.78	13.07		101	CM	Bulk
27-13-13	81879	27.94	12.87	14.49		100	CM	Bulk
32-09-09	82194	32.86	9.99	9.83		101	CM	Bulk
35-07-07	82192	35.51	8.70	7.74		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.25	100.35	104.03				
ALL SAMPLES,CV %		2.88	5.39	3.65				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (EMIN) INC KNTCKANA SVC-HENRY BR EMINENCE KY 40019-9801								
10-06-09	82537	10.00	7.04	10.46		104	CM	Bulk
15-15-23	82535	14.82	16.25	24.79		102	CM	Bulk
16-06-21	82539	16.62	6.33	22.56		101	CM	Bulk
16-11-29	82533+	15.63	10.95	30.92		99	CM	Bulk
19-11-16	82538	18.45	11.64	17.41		101	CM	Bulk
21-06-16	82542+	20.06	8.18	17.01		106	CM	Bulk
21-06-16	82543+	19.80	5.70	18.97	*	102	CM	Bulk
27-00-09	82532	28.11	0.00	8.79 *		98	CM	Bulk
35-00-14	82536	35.45	0.00	14.67		101	CM	Bulk
36-00-12	81383	35.50 *	0.00	14.87		101	CM	Bulk
36-05-07	82534	36.20	6.18	8.37		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.75	105.90	106.91				
ALL SAMPLES,CV %		1.99	12.6	8.23				
NUMBER OF ANALYSIS		11	8	11				
Deficiency Rate = 18.18 %								

SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041								
06-15-27	81716+	5.96	15.19	26.25		98	CM	Bulk
09-24-27	81709	9.27	23.92	27.83		98	CM	Bulk
10-26-25	81713	10.26	25.51	25.41		97	CM	Bulk
19-19-19	81717	19.39	19.34	19.73		100	CM	Bulk
20-11-00	81715+	20.51	11.11	0.00		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041								
23-00-30	81708	22.53	0.00	30.66		100	CM	Bulk
30-11-11	81712	30.59	10.91	11.40		99	CM	Bulk
30-11-11	81714	30.47	11.59	11.28		101	CM	Bulk
31-06-13	81711	32.36	6.16	13.48		101	CM	Bulk
32-08-11	81710	31.83	8.63	11.78		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.55	98.05	100.76				
ALL SAMPLES,CV %		1.8	2.23	2.5				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 0.00 %								

SS (FRAN) SIMPSON COOP FRANKLIN KY 42134								
09-23-30	80198	9.07	23.27	29.33		100	CM	Bulk
09-23-30	80199	8.67	23.94	28.70		100	CM	Bulk
09-23-30	80200	8.98	23.90	28.64		100	CM	Bulk
09-23-30	80201	8.65	22.67	30.44		99	CM	Bulk
11-28-22	80182	11.29	30.10	22.93		103	CM	Bulk
11-28-22	80184	11.01	29.24	21.29		99	CM	Bulk
11-28-22	80185	10.82	30.00	21.49		101	CM	Bulk
11-28-22	80186	11.16	29.51	22.21		101	CM	Bulk
30-09-12	81789	30.37	10.23	13.03		102	CM	Bulk
30-09-12	81790	30.81	9.26	13.90		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.82	102.25	99.42				
ALL SAMPLES,CV %		2.05	3.05	4.86				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (GEOR) GEORGETOWN COOP GEORGETOWN KY 40324								
05-14-37	81741+	5.12 *	13.36 *	41.08		99	CM	Bulk
06-15-30	81944+	5.97	15.40	31.99		102	CM	Bulk
07-19-34	81945	7.72	20.05	34.31		101	CM	Bulk
11-00-45	81943	11.45	0.00	45.91		101	CM	Bulk
14-05-21	82658	14.22	6.13	21.98		101	CM	Bulk
17-11-22	81745	17.40	11.14	23.94		102	CM	Bulk
19-03-13	82659	19.60	4.18	14.73		104	CM	Bulk
20-00-24	81743	20.55	0.00	23.71		101	CM	Bulk
20-00-27	82660	20.39	0.00	29.22		102	CM	Bulk
21-03-17	82657	21.65	3.58	17.74		101	CM	Bulk
29-00-21	81744	28.94	0.00	22.97		101	CM	Bulk
34-00-15	81942	34.43	0.00	16.71		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.93	100.16	104.61				
ALL SAMPLES,CV %		3.38	6.11	3.61				
NUMBER OF ANALYSIS		12	7	12				
Deficiency Rate = 8.33 %								

SS (GLAS) GLASGOW COOP GLASGOW KY 42141								
09-00-47	81073	9.35	0.00	47.28		100	CM	Bulk
16-16-16	81077	17.61	16.73	17.10		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (GLAS)	GLASGOW COOP	GLASGOW KY	42141					
19-14-22	81072	19.96	15.04	22.44		101	CM	Bulk
19-14-22	81075	19.76	13.74	22.70		98	CM	Bulk
19-14-22	81076	19.78	14.91	22.22		100	CM	Bulk
20-15-20	81070	20.41	15.50	21.24		100	CM	Bulk
24-15-15	81069	23.15	15.12	17.16		98	CM	Bulk
26-00-26	81068	25.33	0.00	28.08		101	CM	Bulk
31-10-10	81074	30.71	11.64	12.40		103	CM	Bulk
36-15-00	81071	36.64	15.09	0.00		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.29	99.68	104.62				
ALL SAMPLES,CV %		2.44	5.37	5.55				
NUMBER OF ANALYSIS		10	8	9				
Deficiency Rate = 0.00 %								

SS (GREE)	GREENVILLE KY SVC	GREENVILLE KY	42345					
09-18-27	82714	12.14	18.24	26.76		101	CM	Bulk
10-11-26	82718	9.66	11.99	28.41		103	CM	Bulk
13-09-11	82715	13.12	10.52	12.18		104	CM	Bulk
13-09-11	82716	14.28	10.06	12.17		105	CM	Bulk
19-19-18	82713	19.59	19.39	19.97		101	CM	Bulk
24-24-09	82719	23.85	23.61	11.36		100	CM	Bulk
25-10-19	82722	24.93	10.80	20.58		103	CM	Bulk
30-11-11	82717	29.67	12.78	12.64		104	CM	Bulk
31-10-10	82720	31.05	10.89	11.31		100	CM	Bulk
31-10-10	82721	31.04	9.74 *	12.12		98	CM	Bulk
31-10-10	82723	31.41	10.99	12.01		102	CM	Bulk
31-10-10	82724	33.01	9.24 *	11.73		100	CM	Bulk
31-10-10	82725	31.41	10.52	12.26		101	CM	Bulk
Statistical Analysis for Grade : 31-10-10								
Number of Samples This Grade : 5								
Average Analysis :		31.58	10.28	11.89		100.5		
CV, %		2.59	7.37	3.17				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.87	99.86	109.35				
ALL SAMPLES,CV %		8.09	7.88	5.34				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 15.38 %								

SS (HARD)	BRECK SERVICE	HARDINBURG KY	40143					
06-06-06	82455	28.70	6.78	18.40		249	CM	Bulk
07-19-33	82435	5.98 *	15.02 *	41.32		93 *	CM	Bulk
19-19-19	82440	19.07	20.79	20.26		104	CM	Bulk
27-13-13	82441	27.95	13.57	13.63		101	CM	Bulk
28-12-12	82437	27.98	12.60	14.00		100	CM	Bulk
29-09-13	82442	29.20	9.75	14.30		101	CM	Bulk
29-11-11	82436	29.45	11.18	12.87		99	CM	Bulk
29-11-11	82438	28.38	12.49	14.69		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (HARD) BRECK SERVICE HARDINBURG KY 40143								
29-11-11	82439	29.20	12.36	13.06		102	CM	Bulk
29-11-11	82443	29.56	12.12	12.14		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		129.05	99.37	125.93				
ALL SAMPLES,CV %		80.02	9.28	42.37				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

SS (HARR) CNTRL KY SVC HARRODSBURG KY 40330								
05-13-42	82831	5.40	13.51	42.73		101	CM	Bulk
12-03-20	82581	11.27	3.96	21.47		102	CM	Bulk
15-00-16	82828	15.93	0.00	17.98		106	CM	Bulk
19-19-19	82830	19.51	18.98	19.96		100	CM	Bulk
20-00-20	82829	20.19	0.00	20.84		102	CM	Bulk
23-00-30	82579	23.35	0.00	30.27		101	CM	Bulk
28-00-07	82580	28.15	0.00	8.48		101	CM	Bulk
29-00-19	82826+	29.47	0.00	22.11		104	CM	Bulk
29-00-19	82827+	28.32	0.00	21.83		101	CM	Bulk
31-07-00	82582	30.83	7.49	0.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.10	102.69	105.91				
ALL SAMPLES,CV %		3.47	3.91	3.86				
NUMBER OF ANALYSIS		10	4	9				
Deficiency Rate = 0.00 %								

SS (HEND) HENDERSON COOP HENDERSON KY 42420								
05-25-30	80515	5.14	24.50	31.86		98	CM	Bulk
05-26-29	80512	5.28	25.20	31.12		99	CM	Bulk
05-26-29	80513	5.22	25.15	31.18		99	CM	Bulk
05-26-29	80514	5.25	25.05	31.54		99	CM	Bulk
05-26-30	80511	5.27	24.89	31.21		98	CM	Bulk
08-21-28	80496+	8.07	21.20	29.73		99	CM	Bulk
08-21-28	80497+	8.43	22.25	30.48		103	CM	Bulk
08-21-28	80498+	8.17	21.69	30.16		101	CM	Bulk
08-21-28	80499+	7.91	21.28	31.36		100	CM	Bulk
08-21-28	80500+	8.33	21.85	30.44		101	CM	Bulk
08-21-28	80501+	8.25	21.89	30.53		101	CM	Bulk
Statistical Analysis for Grade : 08-21-28								
Number of Samples This Grade : 6								
Average Analysis :		8.19	21.69	30.45		100.8		
CV, %		2.28	1.83	1.76				

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (HEND) HENDERSON COOP HENDERSON KY 42420								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.40	97.67	105.71				
ALL SAMPLES,CV %		1.73	2.2	1.66				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

SS (HODG) HARDIN COOP HODG BR SVC HODGENVILLE KY 42748								
00-22-30	81282	0.00	21.41	32.38		101	CM	Bulk
17-17-17	81284	17.49	18.12	19.23		102	CM	Bulk
19-19-19	81276	19.03	19.92	19.44		101	CM	Bulk
19-19-19	81280	19.57	19.65	20.46		102	CM	Bulk
19-19-19	81281	19.47	20.30	19.70		103	CM	Bulk
22-16-16	81283	23.17	17.00	17.92		102	CM	Bulk
24-16-14	81278	25.07	16.79	14.94		102	CM	Bulk
25-15-15	81275	25.43	15.33	15.26		101	CM	Bulk
25-15-15	81277	26.17	15.62	15.06		103	CM	Bulk
29-11-11	81279	29.85	11.80	12.61		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.71	101.56	103.83				
ALL SAMPLES,CV %		1.68	2.12	3.06				
NUMBER OF ANALYSIS		9	10	10				
Deficiency Rate = 0.00 %								

SS (HOPK) HOPKINSVILLE COOP HOPKINSVILLE KY 42240								
02-13-15	80345	3.79	13.35	16.83		104	CM	Bulk
02-14-16	80346	3.92	14.01	17.03		105	CM	Bulk
03-14-19	80344	4.05	14.23	20.49		104	CM	Bulk
03-17-17	80343	4.31	17.41	17.91		105	CM	Bulk
05-27-27	80467	5.78	26.61	28.94		98	CM	Bulk
05-28-27	80466	5.86	27.17	28.37		99	CM	Bulk
10-25-25	81183+	10.16	26.10	26.97		101	CM	Bulk
10-25-26	81184+	10.04	26.24	25.73		100	CM	Bulk
10-25-26	81185+	9.98	25.51	26.04		99	CM	Bulk
20-15-20	81182	20.57	16.17	20.21		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		110.75	99.15	102.88				
ALL SAMPLES,CV %		14.08	2.23	2.91				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (HORS) HORSE CAVE COOP HORSE CAVE KY 42749								
11-29-19	80982	11.72	28.91	20.22		100	CM	Bulk
14-16-25	81088	14.01	16.41	25.38		100	CM	Bulk
15-11-29	81093	15.36	11.72	29.16		98	CM	Bulk
16-11-23	80984+	16.32	11.44	23.95		99	CM	Bulk
16-11-23	80985+	16.97	11.86	23.91		101	CM	Bulk
18-00-36	81091	18.06	0.00	36.09		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (HORS) HORSE CAVE COOP HORSE CAVE KY 42749								
19-14-22	81090	18.42	14.41	23.50		98	CM	Bulk
21-39-00	81092	21.18	40.09	0.00		100	CM	Bulk
24-15-15	80981	25.26	14.95	16.66		101	CM	Bulk
29-26-00	81089	29.34	25.89	0.00		98	CM	Bulk
31-22-00	80983	31.97	22.63	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.83	99.46	102.55				
ALL SAMPLES,CV %		3.15	1.9	3.4				
NUMBER OF ANALYSIS		11	10	8				
Deficiency Rate = 0.00 %								

SS (LAGR) KY SVC BR-LAGRANGE BR LAGRANGE KY 40031								
00-16-36	82289	0.00	16.39	35.71		99	CM	Bulk
00-20-31	82292	0.00	20.17	31.16		100	CM	Bulk
04-07-10	82293	4.57	7.33	11.12		110	CM	Bulk
10-20-30	82294	10.63	20.53	29.76		100	CM	Bulk
10-20-30	82295	10.46	20.22	30.69		100	CM	Bulk
10-27-20	81654+	10.69	28.08	21.23		100	CM	Bulk
14-23-20	82290+	14.46	23.67	19.88		98	CM	Bulk
17-17-24	82296	16.56	17.02	24.54		99	CM	Bulk
21-09-23	82291	21.28	9.76	23.30		98	CM	Bulk
24-10-19	82297	24.94	10.38	18.74		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.65	100.10	99.65				
ALL SAMPLES,CV %		5.6	3.37	4.23				
NUMBER OF ANALYSIS		8	10	10				
Deficiency Rate = 0.00 %								

SS (LAWR) ANDERSON FRANKLIN SVC BR LAWRENCEBURG KY 40342								
15-00-27	82861	15.65	0.00	27.42		102	CM	Bulk
15-00-27	82862	15.10	0.00	28.05		101	CM	Bulk
15-09-22	82863	15.16	9.00	22.85		99	CM	Bulk
20-00-18	82860	21.22	0.00	19.26		102	CM	Bulk

SS (LEBA) LEBANON SVC LEBANON KY 40033								
10-06-08	81927	10.75	6.37	8.89		104	CM	Bulk
18-04-08	81974	18.96	4.28	10.31		104	CM	Bulk
18-13-15	81978+	18.56	13.25	15.60		100	CM	Bulk
19-19-19	81928	19.79	19.31	19.48		101	CM	Bulk
25-05-22	81979	25.79	5.43	24.12		102	CM	Bulk
27-11-15	81975	27.77	12.07	16.44		104	CM	Bulk
27-11-15	81976	28.22	11.15	15.44		101	CM	Bulk
27-11-15	81977	27.68	11.95	15.85		102	CM	Bulk

SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754								
06-17-37	80347	6.79	17.45	37.02		100	CM	Bulk
10-26-25	82183	10.67	26.58	26.64		102	CM	Bulk
13-09-25	82172	13.12	9.90	27.26		102	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	82171	19.46	19.74	20.14		102	CM	Bulk
19-19-19	82174	19.61	19.35	20.86		102	CM	Bulk
19-19-19	82175	19.50	20.12	20.46		103	CM	Bulk
19-19-19	82182	19.07	19.48	20.79		101	CM	Bulk
19-19-19	82184	19.62	19.80	21.09		103	CM	Bulk
19-19-19	82185	18.97	19.24	20.66		100	CM	Bulk
19-19-19	82186	19.47	19.88	20.45		103	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		19.39	19.66	20.64		102.0		
CV, %		1.34	1.6	1.52				
32-09-09	82173	32.97	10.36	10.10		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.01	101.85	105.60				
ALL SAMPLES,CV %		1.98	2.41	2.4				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

SS (LEXI) LEXINGTON COOP LEXINGTON KY 40508								
13-07-23	82793+	12.89	6.88	26.49		104	CM	Bulk
13-07-23	82794+	13.15	6.65	26.32		104	CM	Bulk
14-00-30	82795	13.70	0.00	32.25		103	CM	Bulk
14-00-30	82796	14.04	0.00	32.67		105	CM	Bulk
14-03-27	82799	15.04	3.27	28.50		103	CM	Bulk
19-00-18	82797+	20.06	0.00	19.78		103	CM	Bulk
19-00-18	82798+	19.78	0.00	19.49		102	CM	Bulk

SS (LIBE) LIBERTY SVC LIBERTY KY 42539								
06-15-39	82762	5.66	14.10 *	42.81		99	CM	Bulk
06-15-39	82763	6.48	16.65	39.25		104	CM	Bulk
07-00-50	81638	7.28	0.00	51.79		102	CM	Bulk
11-21-27	81640	11.78	20.85	28.45		100	CM	Bulk
13-13-13	82760	14.17	13.68	15.00		102	CM	Bulk
17-17-17	82764	16.62	18.70	19.30		101	CM	Bulk
19-19-19	81635	19.75	19.62	19.09		101	CM	Bulk
19-19-19	81637	19.51	18.88	20.18		100	CM	Bulk
19-19-19	81639	19.34	19.72	19.70		101	CM	Bulk
21-15-20	81908	21.83	15.44	20.95		102	CM	Bulk
34-00-15	81636	35.39	0.00	16.08		104	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.41	100.32	103.93				
ALL SAMPLES,CV %		4.09	4.65	3.39				
NUMBER OF ANALYSIS		11	9	11				
Deficiency Rate = 9.09 %								

SS (LOND) LONDON COOP LONDON KY 40741								
05-10-15	81818	5.31	10.54	16.13		106	Blend	Bag
06-12-12	81152	5.80	12.24	12.64		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (LOND) LONDON COOP LONDON KY 40741								
09-20-20	81825	10.18	20.41	20.78		102	CM	Bulk
09-23-30	81824	8.80	23.13	30.27		100	CM	Bulk
09-25-25	82187	9.74	25.44	26.22		101	CM	Bulk
10-10-10	80020	8.15 *	10.25	9.81		93 *	Blend	Bag
10-10-10	81819	9.90	10.03	10.36		101	Blend	Bag
10-10-10	82870	9.79	10.22	10.45		101	CM	Bulk
18-18-18	81822	18.88	20.15	19.53		104	CM	Bulk
19-19-19	80021	18.08	19.51	19.69		100	Blend	Bag
19-19-19	81151	18.84	18.56	20.84		101	Blend	Bag
19-19-19	81816	18.79	19.72	20.70		101	CM	Bulk
19-19-19	81820	19.37	18.44	20.37		101	Blend	Bag
19-19-19	81821	19.52	20.14	19.76		103	CM	Bulk
19-19-19	81823	19.11	19.47	20.74		101	CM	Bulk
19-19-19	82189	19.02	19.09	20.56		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		18.96	19.28	20.38		100.9		
CV, %		2.48	3.2	2.32				
27-13-13	82188	27.47	13.45	14.68		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.26	101.34	104.76				
ALL SAMPLES,CV %		5.1	2.57	2.78				
NUMBER OF ANALYSIS		17	17	17				
Deficiency Rate = 5.88 %								

SS (MAYS) MAYSVILLE COOP MAYSVILLE KY 41056-0668								
04-00-11	81965	4.70	0.00	11.98		102	CM	Bulk
07-00-00	81961+	8.25	0.00	0.00		107	CM	Bulk
09-23-29	82392	9.11	23.10	30.50		101	CM	Bulk
09-23-29	82395	8.84	23.07	30.85		101	CM	Bulk
09-23-30	82393	8.99	23.19	30.53		101	CM	Bulk
11-14-33	82394	11.56	14.36	34.04		101	CM	Bulk
13-12-32	82391	13.47	12.71	32.94		101	CM	Bulk
13-25-21	81962	13.39	25.30	21.10		100	CM	Bulk
19-19-19	81966	19.50	18.96	20.09		100	CM	Bulk
19-19-19	81968	19.37	19.74	19.27		101	CM	Bulk
19-19-19	81970	19.42	19.65	19.73		101	CM	Bulk
26-00-25	81963	26.69	0.00	25.80		101	CM	Bulk
26-00-25	81969	26.46	0.00	24.94		99	CM	Bulk
26-00-26	81967	26.09	0.00	25.55		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.10	100.57	100.67				
ALL SAMPLES,CV %		1.98	1.07	1.99				
NUMBER OF ANALYSIS		14	9	13				
Deficiency Rate = 0.00 %								

SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437								
05-24-31	80459	5.24	23.95	32.16		99	CM	Bulk
05-24-31	80460	5.21	24.10	32.41		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437								
05-24-31	80461	5.13	23.53	32.89		98	CM	Bulk
05-24-31	80462	5.02	23.17 *	33.47		98	CM	Bulk
05-24-31	80463	4.84 *	22.29 *	34.28		97 *	CM	Bulk
05-24-31	80464	4.68 *	21.38 *	35.07		95 *	CM	Bulk
Statistical Analysis for Grade : 05-24-31								
Number of Samples This Grade : 6								
Average Analysis :								
		5.02	23.07	33.38		97.7		
CV, %								
		4.41	4.57	3.37				
05-24-32	80506	5.21	24.11	33.51		102	CM	Bulk
09-23-30	80502	8.63	22.98	31.63		101	CM	Bulk
09-23-30	80503	8.30	21.81	32.54		99	CM	Bulk
09-23-30	80504	8.21	21.94	32.51		99	CM	Bulk
09-23-30	80505	8.61	23.26	31.43		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR								
		95.25	95.09	106.62				
ALL SAMPLES,CV %								
		4.21	4.87	2.7				
NUMBER OF ANALYSIS								
		11	11	11				
Deficiency Rate = 27.27 %								

SS (NICH) NICHOLASVILLE SVC NICHOLASVILLE KY 40356								
13-00-29	82864	15.26	0.00	27.90		101	CM	Bulk
18-00-22	82867	18.89	0.00	23.99		106	CM	Bulk
19-19-19	80024	18.74	19.81	19.36		100	CM	Bulk
20-00-19	82866	19.81	0.00	21.17		102	CM	Bulk
22-00-16	82868	23.31	0.00	15.98		102	CM	Bulk
25-08-08	82865+	26.69	8.01	7.56 *		99	CM	Bulk

SS (OWEN) OWENTON COOP, INC OWENTON KY 40359								
03-09-36	82232	4.36	9.02	37.36		103	CM	Bulk
11-16-24	82544	10.84	16.80	25.87		102	CM	Bulk
11-16-24	82545	11.98	17.61	24.54		104	CM	Bulk
12-10-16	82546	12.28	10.69	17.75		103	CM	Bulk
12-10-16	82547	12.23	10.89	17.05		102	CM	Bulk
18-00-35	82234	19.49	0.00	36.58		103	CM	Bulk
18-00-36	82233	18.19	0.00	36.45		100	CM	Bulk
19-19-19	82235	19.19	19.76	19.18		100	CM	Bulk
19-19-19	82245	19.40	19.84	19.79		102	CM	Bulk
33-20-00	82548	32.66	20.31	0.00		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR								
		102.44	101.30	103.03				
ALL SAMPLES,CV %								
		7.53	2.91	3.13				
NUMBER OF ANALYSIS								
		10	8	9				
Deficiency Rate = 0.00 %								

SS (OWIN) OWINGSVILLE SVC OWINGSVILLE KY 40360								
00-00-39	81950+	0.00	0.00	39.58		101	CM	Bulk
07-18-36	81951	6.89	18.29	35.98		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (OWIN) OWINGSVILLE SVC OWINGSVILLE KY 40360								
10-26-25	81948	10.03	27.32	25.95		101	CM	Bulk
18-00-36	81946	18.57	0.00	36.72		102	CM	Bulk
18-18-18	81953	18.19	18.60	18.62		101	CM	Bulk
19-19-19	81947	18.75	21.05	19.26		103	CM	Bulk
19-19-19	81952	18.97	20.03	20.51		102	CM	Bulk
19-19-19	81955	19.28	20.05	19.17		101	CM	Bulk
24-00-28	81949	24.49	0.00	28.65		101	CM	Bulk
28-13-13	81954	28.23	12.88	14.06		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.02	102.66	101.97				
ALL SAMPLES, CV %		2.34	3.01	2.9				
NUMBER OF ANALYSIS		9	7	10				
Deficiency Rate = 0.00 %								
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-22	81435+	0.00	0.00	20.74 *		94 *	Mat	Bulk
00-00-22	81724+	0.00	0.00	22.07		100	Mat	Bulk
00-00-22	82216+	0.00	0.00	22.04		100	Mat	Bulk
00-00-22	82852+	0.00	0.00	22.72		103	Mat	Bulk
00-00-50	81005	0.00	0.00	51.62		103	Mat	Bulk
00-00-50	81439	0.00	0.00	51.70		103	Mat	Bulk
00-00-50	81591	0.00	0.00	50.03		100	Mat	Bulk
00-00-50	81742	0.00	0.00	51.79		104	Mat	Bulk
00-00-50	81956	0.00	0.00	51.89		104	Mat	Bulk
00-00-50	82131	0.00	0.00	51.89		104	Mat	Bulk
00-00-50	82215	0.00	0.00	51.63		103	Mat	Bulk
00-00-50	82240	0.00	0.00	52.89		106	Mat	Bulk
00-00-50	82541	0.00	0.00	50.88		102	Mat	Bulk
00-00-50	82584	0.00	0.00	50.00		100	Mat	Bulk
00-00-50	82806	0.00	0.00	50.11		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 11								
Average Analysis :		0.00	0.00	51.31		102.6		
CV, %		0	0	1.82				
00-00-60	80183	0.00	0.00	60.54		101	Mat	Bulk
00-00-60	80215	0.00	0.00	60.07		100	Mat	Bulk
00-00-60	80216	0.00	0.00	60.29		100	Mat	Bulk
00-00-60	80217	0.00	0.00	60.09		100	Mat	Bulk
00-00-60	80309	0.00	0.00	60.44		101	Mat	Bulk
00-00-60	80310	0.00	0.00	59.78		100	Mat	Bulk
00-00-60	80311	0.00	0.00	60.51		101	Mat	Bulk
00-00-60	80365	0.00	0.00	60.99		102	Mat	Bulk
00-00-60	80366	0.00	0.00	59.20		99	Mat	Bulk
00-00-60	80367	0.00	0.00	60.48		101	Mat	Bulk
00-00-60	80386	0.00	0.00	59.28		99	Mat	Bulk
00-00-60	80387	0.00	0.00	59.49		99	Mat	Bulk
00-00-60	80388	0.00	0.00	58.74		98	Mat	Bulk
00-00-60	80476	0.00	0.00	60.91		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				
00-00-60	80516	0.00	0.00	60.99		102	Mat	Bulk
00-00-60	80518	0.00	0.00	61.11		102	Mat	Bulk
00-00-60	80546	0.00	0.00	60.99		102	Mat	Bulk
00-00-60	80547	0.00	0.00	60.71		101	Mat	Bulk
00-00-60	80552	0.00	0.00	60.61		101	Mat	Bulk
00-00-60	80581	0.00	0.00	60.34		101	Mat	Bulk
00-00-60	80599	0.00	0.00	61.71		103	Mat	Bulk
00-00-60	80629	0.00	0.00	61.57		103	Mat	Bulk
00-00-60	80631	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	80646	0.00	0.00	59.46		99	Mat	Bulk
00-00-60	80648	0.00	0.00	59.05		98	Mat	Bulk
00-00-60	80653	0.00	0.00	59.33		99	Mat	Bulk
00-00-60	80659	0.00	0.00	59.27		99	Mat	Bulk
00-00-60	80692	0.00	0.00	60.48		101	Mat	Bulk
00-00-60	80693	0.00	0.00	61.04		102	Mat	Bulk
00-00-60	80698	0.00	0.00	60.98		102	Mat	Bulk
00-00-60	80708	0.00	0.00	61.09		102	Mat	Bulk
00-00-60	80709	0.00	0.00	61.22		102	Mat	Bulk
00-00-60	80710	0.00	0.00	61.59		103	Mat	Bulk
00-00-60	80730	0.00	0.00	61.25		102	Mat	Bulk
00-00-60	80750	0.00	0.00	60.22		100	Mat	Bulk
00-00-60	80753	0.00	0.00	60.50		101	Mat	Bulk
00-00-60	80764	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	80765	0.00	0.00	60.23		100	Mat	Bulk
00-00-60	80767	0.00	0.00	59.57		99	Mat	Bulk
00-00-60	80788	0.00	0.00	60.66		101	Mat	Bulk
00-00-60	80794	0.00	0.00	60.29		100	Mat	Bulk
00-00-60	80798	0.00	0.00	60.35		101	Mat	Bulk
00-00-60	80808	0.00	0.00	59.69		99	Mat	Bulk
00-00-60	80817	0.00	0.00	60.53		101	Mat	Bulk
00-00-60	80839	0.00	0.00	60.73		101	Mat	Bulk
00-00-60	80845	0.00	0.00	59.75		100	Mat	Bulk
00-00-60	80850	0.00	0.00	59.20		99	Mat	Bulk
00-00-60	80864	0.00	0.00	61.27		102	Mat	Bulk
00-00-60	80947	0.00	0.00	60.34		101	Mat	Bulk
00-00-60	80967	0.00	0.00	61.68		103	Mat	Bulk
00-00-60	80991	0.00	0.00	60.77		101	Mat	Bulk
00-00-60	80992	0.00	0.00	60.44		101	Mat	Bulk
00-00-60	80993	0.00	0.00	60.42		101	Mat	Bulk
00-00-60	81009	0.00	0.00	61.60		103	Mat	Bulk
00-00-60	81010	0.00	0.00	61.84		103	Mat	Bulk
00-00-60	81025	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	81063	0.00	0.00	60.17		100	Mat	Bulk
00-00-60	81110	0.00	0.00	59.66		99	Mat	Bulk
00-00-60	81113	0.00	0.00	59.98		100	Mat	Bulk
00-00-60	81115	0.00	0.00	61.01		102	Mat	Bulk
00-00-60	81166	0.00	0.00	59.26		99	Mat	Bulk
00-00-60	81388	0.00	0.00	60.74		101	Mat	Bulk
00-00-60	81391	0.00	0.00	61.80		103	Mat	Bulk
00-00-60	81442	0.00	0.00	60.15		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-60	81556	0.00	0.00	61.66		103	Mat	Bulk
00-00-60	81557	0.00	0.00	61.41		102	Mat	Bulk
00-00-60	81558	0.00	0.00	61.35		102	Mat	Bulk
00-00-60	81559	0.00	0.00	61.45		102	Mat	Bulk
00-00-60	81560	0.00	0.00	61.52		103	Mat	Bulk
00-00-60	81584	0.00	0.00	58.91		98	Mat	Bulk
00-00-60	81585	0.00	0.00	58.77		98	Mat	Bulk
00-00-60	81587	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	81589	0.00	0.00	59.60		99	Mat	Bulk
00-00-60	81653	0.00	0.00	60.46		101	Mat	Bulk
00-00-60	81722	0.00	0.00	59.51		99	Mat	Bulk
00-00-60	82110	0.00	0.00	60.96		102	Mat	Bulk
00-00-60	82132	0.00	0.00	60.22		100	Mat	Bulk
00-00-60	82133	0.00	0.00	60.71		101	Mat	Bulk
00-00-60	82134	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	82244	0.00	0.00	60.86		101	Mat	Bulk
00-00-60	82458	0.00	0.00	61.03		102	Mat	Bulk
00-00-60	82459	0.00	0.00	61.63		103	Mat	Bulk
00-00-60	82636	0.00	0.00	61.21		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 83								
Average Analysis :		0.00	0.00	60.49		100.8		
CV, %		0	0	1.3				
00-45-00	80304	0.00	45.56	0.00		101	Mat	Bulk
00-45-00	80657	0.00	45.39	0.00		101	Mat	Bulk
00-45-00	80704	0.00	45.81	0.00		102	Mat	Bulk
00-45-00	80757	0.00	45.58	0.00		101	Mat	Bulk
00-45-00	80836	0.00	45.34	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 00-45-00								
Number of Samples This Grade : 5								
Average Analysis :		0.00	45.54	0.00		101.2		
CV, %		0	0.41	0				
05-10-15	82129	5.64	10.75	16.52		109	Blend	Bulk
10-10-10	82198	10.18	9.75	11.88		103	Blend	Bag
10-10-10	82401	9.16	9.55	11.44		98	Blend	Bag
10-10-10	82652	9.62	9.79	11.48		101	Blend	Bag
11-52-00	80220	10.78	52.17	0.00		100	Mat	Bulk
11-52-00	80307	10.93	51.83	0.00		100	Mat	Bulk
11-52-00	80308	10.85	51.60	0.00		99	Mat	Bulk
11-52-00	80370	10.53	52.29	0.00		100	Mat	Bulk
11-52-00	80389	10.85	52.41	0.00		100	Mat	Bulk
11-52-00	80390	10.78	52.65	0.00		101	Mat	Bulk
11-52-00	80656	11.17	51.60	0.00		100	Mat	Bulk
11-52-00	80763	11.00	51.86	0.00		100	Mat	Bulk
11-52-00	80766	10.87	51.75	0.00		99	Mat	Bulk
11-52-00	80999	10.97	51.08	0.00		98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
Statistical Analysis for Grade : 11-52-00								
Number of Samples This Grade : 10								
Average Analysis :		10.87	51.92	0.00		99.7		
CV, %		1.54	0.89	0				
18-46-00	80187	17.87	46.02	0.00		100	Mat	Bulk
18-46-00	80218	17.65	46.83	0.00		101	Mat	Bulk
18-46-00	80219	17.66	47.01	0.00		101	Mat	Bulk
18-46-00	80305	17.49	45.97	0.00		99	Mat	Bulk
18-46-00	80306	17.47	46.27	0.00		100	Mat	Bulk
18-46-00	80368	17.94	46.41	0.00		101	Mat	Bulk
18-46-00	80369	17.40	46.22	0.00		99	Mat	Bulk
18-46-00	80517	17.97	45.76	0.00		100	Mat	Bulk
18-46-00	80519	17.64	45.76	0.00		99	Mat	Bulk
18-46-00	80545	17.54	44.98	0.00		98	Mat	Bulk
18-46-00	80580	17.43	46.19	0.00		100	Mat	Bulk
18-46-00	80601	17.22	45.10	0.00		98	Mat	Bulk
18-46-00	80627	17.60	45.34	0.00		98	Mat	Bulk
18-46-00	80632	17.63	45.99	0.00		100	Mat	Bulk
18-46-00	80643	17.48	46.24	0.00		100	Mat	Bulk
18-46-00	80647	17.49	46.96	0.00		101	Mat	Bulk
18-46-00	80651	17.80	47.33	0.00		102	Mat	Bulk
18-46-00	80652	17.94	46.68	0.00		101	Mat	Bulk
18-46-00	80660	17.66	47.91	0.00		103	Mat	Bulk
18-46-00	80691	17.70	45.69	0.00		99	Mat	Bulk
18-46-00	80697	17.96	46.31	0.00		100	Mat	Bulk
18-46-00	80705	17.34	45.32	0.00		98	Mat	Bulk
18-46-00	80706	17.45	45.32	0.00		98	Mat	Bulk
18-46-00	80707	17.59	45.32	0.00		98	Mat	Bulk
18-46-00	80731	17.42	45.42	0.00		98	Mat	Bulk
18-46-00	80751+	17.51	45.79	0.00		99	Mat	Bulk
18-46-00	80752	17.33	45.18	0.00		98	Mat	Bulk
18-46-00	80759	17.52	45.69	0.00		99	Mat	Bulk
18-46-00	80760	17.43	45.49	0.00		98	Mat	Bulk
18-46-00	80761	17.33	46.06	0.00		99	Mat	Bulk
18-46-00	80762	17.33	46.74	0.00		100	Mat	Bulk
18-46-00	80786	17.51	46.00	0.00		99	Mat	Bulk
18-46-00	80795	17.62	45.53	0.00		99	Mat	Bulk
18-46-00	80799	17.78	46.10	0.00		100	Mat	Bulk
18-46-00	80807	17.43	45.43	0.00		98	Mat	Bulk
18-46-00	80818	17.43	45.39	0.00		98	Mat	Bulk
18-46-00	80838	17.59	45.51	0.00		99	Mat	Bulk
18-46-00	80841	18.09	45.32	0.00		99	Mat	Bulk
18-46-00	80842+	17.58	43.92 *	0.00		96 *	Mat	Bulk
18-46-00	80851	17.43	45.19	0.00		98	Mat	Bulk
18-46-00	80968	17.50	45.20	0.00		98	Mat	Bulk
18-46-00	80994	17.87	46.28	0.00		100	Mat	Bulk
18-46-00	80995	17.73	45.97	0.00		100	Mat	Bulk
18-46-00	80997	18.03	46.47	0.00		101	Mat	Bulk
18-46-00	81000	18.13	46.16	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
18-46-00	81007	17.64	45.19	0.00		98	Mat	Bulk
18-46-00	81008	17.50	45.38	0.00		98	Mat	Bulk
18-46-00	81026	17.55	45.27	0.00		98	Mat	Bulk
18-46-00	81062	17.62	46.06	0.00		100	Mat	Bulk
18-46-00	81109	17.37	45.54	0.00		98	Mat	Bulk
18-46-00	81116	17.46	45.66	0.00		99	Mat	Bulk
18-46-00	81165	17.95	46.59	0.00		101	Mat	Bulk
18-46-00	81385+	17.65	43.94 *	0.00		96 *	Mat	Bulk
18-46-00	81389	17.80	45.45	0.00		99	Mat	Bulk
18-46-00	81437	17.67	45.05	0.00		98	Mat	Bulk
18-46-00	81438	17.71	46.14	0.00		100	Mat	Bulk
18-46-00	81552	17.53	46.72	0.00		101	Mat	Bulk
18-46-00	81553	17.60	46.73	0.00		101	Mat	Bulk
18-46-00	81554	17.71	46.45	0.00		100	Mat	Bulk
18-46-00	81555	17.76	46.61	0.00		101	Mat	Bulk
18-46-00	81586	17.82	45.61	0.00		99	Mat	Bulk
18-46-00	81588	17.82	45.53	0.00		99	Mat	Bulk
18-46-00	81590	18.02	45.95	0.00		100	Mat	Bulk
18-46-00	81592	17.91	46.23	0.00		100	Mat	Bulk
18-46-00	81651	17.84	46.97	0.00		101	Mat	Bulk
18-46-00	81723	17.73	45.05	0.00		98	Mat	Bulk
18-46-00	81817	17.83	45.62	0.00		99	Mat	Bulk
18-46-00	81957	17.51	46.01	0.00		99	Mat	Bulk
18-46-00	82112	17.75	45.56	0.00		99	Mat	Bulk
18-46-00	82130	17.51	46.36	0.00		100	Mat	Bulk
18-46-00	82242	17.82	46.36	0.00		100	Mat	Bulk
18-46-00	82456	17.88	45.95	0.00		100	Mat	Bulk
18-46-00	82457	17.67	46.59	0.00		101	Mat	Bulk
18-46-00	82635	17.55	46.00	0.00		99	Mat	Bulk
18-46-00	82699	18.14	46.09	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 75								
Average Analysis :		17.65	45.90	0.00		99.4		
CV, %		1.2	1.48	0				
21-00-00	80544+	21.12	0.00	0.00		101	Mat	Bulk
21-00-00	80548+	21.00	0.00	0.00		100	Mat	Bulk
21-00-00	80749+	21.21	0.00	0.00		101	Mat	Bulk
21-00-00	81003+	21.32	0.00	0.00		102	Mat	Bulk
21-00-00	81441+	20.57	0.00	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 21-00-00								
Number of Samples This Grade : 5								
Average Analysis :		21.04	0.00	0.00		100.2		
CV, %		1.38	0	0				
28-00-00	81355	27.95	0.00	0.00		100	Mat	Liq
28-00-00	82303	29.97	0.00	0.00		107	Mat	Liq
30-00-00	82135	31.44	0.00	0.00		105	Mat	Liq
32-00-00	82362	31.64	0.00	0.00		99	Mat	Liq
34-00-00	80477	33.38	0.00	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								
34-00-00	80644	34.16	0.00	0.00		100	Mat	Bulk
34-00-00	80661	33.67	0.00	0.00		101	Mat	Bulk
34-00-00	80732	34.17	0.00	0.00		102	Mat	Bulk
34-00-00	80789	33.81	0.00	0.00		101	Mat	Bulk
34-00-00	80800	33.81	0.00	0.00		99	Mat	Bulk
34-00-00	80806	33.21	0.00	0.00		99	Mat	Bulk
34-00-00	80819	33.78	0.00	0.00		99	Mat	Bulk
34-00-00	80865	33.88	0.00	0.00		100	Mat	Bulk
34-00-00	81117	33.27	0.00	0.00		99	Mat	Bulk
34-00-00	81390	34.48	0.00	0.00		101	Mat	Bulk
34-00-00	81436	33.59	0.00	0.00		100	Mat	Bulk
34-00-00	82241	33.68	0.00	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 13								
Average Analysis :		33.76	0.00	0.00		100.1		
CV, %		1.08	0	0				
46-00-00	80549	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	80550	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	80551	45.83	0.00	0.00		100	Mat	Bulk
46-00-00	80582	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	80600	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	80628	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	80630	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	80645	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	80649	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	80658	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	80694	45.79	0.00	0.00		100	Mat	Bulk
46-00-00	80695	45.87	0.00	0.00		100	Mat	Bulk
46-00-00	80696	45.49	0.00	0.00		99	Mat	Bulk
46-00-00	80729	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	80754	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	80755	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	80787	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	80801	45.81	0.00	0.00		100	Mat	Bulk
46-00-00	80809	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	80816	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	80837	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	80843	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	80844	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	80852	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	80969	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	80996	45.83	0.00	0.00		100	Mat	Bulk
46-00-00	80998	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	81004	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	81006	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	81027	45.96	0.00	0.00		100	Mat	Bulk
46-00-00	81061	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	81108	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	81114	46.16	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	81164	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	81384	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	81386	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	81387	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	81392	45.86	0.00	0.00		100	Mat	Bulk
46-00-00	81440	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	81652	46.10	0.00	0.00		100	Mat	Bulk
46-00-00	81791	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	82111	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	82243	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	82637	46.09	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 44								
Average Analysis :		46.04	0.00	0.00		100.1		
CV, %		0.32	0	0				

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.11	99.86	101.49				
ALL SAMPLES,CV %		2.07	1.69	3.11				
NUMBER OF ANALYSIS		155	94	102				
Deficiency Rate = 1.16 %								

SS (RICH) RICHMOND SVC		RICHMOND KY 40475						
06-25-25	81648	6.48	26.69	25.41		101	CM	Bulk
07-18-35	81645	7.08	18.78	35.13		100	CM	Bulk
07-18-35	81646	7.07	18.39	35.83		99	CM	Bulk
19-19-19	81641	19.09	19.31	19.77		100	CM	Bulk
19-19-19	81643	18.84	20.08	19.51		101	CM	Bulk
19-19-19	81644	19.13	19.45	19.70		100	CM	Bulk
19-19-19	81649	18.97	20.03	19.73		101	CM	Bulk
26-13-13	81647	26.88	12.78	14.07		99	CM	Bulk
28-12-12	81650	28.55	12.43	13.91		101	CM	Bulk

SS (RUSS) COOP, INC.		RUSSELLVILLE KY 42276						
00-00-22	82802+	0.00	0.00	22.73		103	Mat	Bag
05-10-15	82766	4.82	10.08	16.87		105	Blend	Bag
06-12-12	82765	5.90	11.55	13.30		100	Blend	Bag
06-24-24	80654	5.84	24.79	24.57		102	Blend	Bag
06-24-24	80676	6.20	24.43	24.40		102	Blend	Bag
06-24-24	81354	6.51	24.63	24.84		104	Blend	Bag
06-24-24	82200	5.44 *	23.78	25.09		100	Blend	Bag
06-24-24	82564	6.04	25.87	23.87		105	Blend	Bag
Statistical Analysis for Grade : 06-24-24								
Number of Samples This Grade : 5								
Average Analysis :		6.01	24.70	24.55		102.4		
CV, %		6.66	3.07	1.89				
10-10-10	80655	10.79	12.62	10.97		117	Blend	Bag
10-10-10	80675	10.77	11.92	11.71		115	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RUSS) COOP, INC. RUSSELLVILLE KY 42276								
10-10-10	80701	9.64	10.12	10.67		101	Blend	Bag
10-10-10	80797	8.79 *	8.77 *	9.43		89 *	Blend	Bag
10-10-10	81353	10.47	10.26	10.50		104	Blend	Bag
10-10-10	82423	9.29	9.52	10.40		96 *	Blend	Bag
10-10-10	82490	9.78	9.65	9.81		97	Blend	Bag
10-10-10	82491	10.14	9.00 *	10.08		96 *	Blend	Bag
10-10-10	82565	10.06	9.57	10.58		99	Blend	Bag
10-10-10	82767	9.52	9.44	10.98		98	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 10								
Average Analysis :		9.92	10.09	10.51		101.2		
CV, %		6.55	12.33	6.15				
10-20-20	82562	9.97	20.24	20.15		101	Blend	Bag
12-24-24	82488	9.85 *	22.98	30.27		100	Blend	Bag
15-15-15	80674	14.80	14.02	15.01		97 *	Blend	Bag
15-15-15	80702	14.68	13.72 *	15.25		96 *	Blend	Bag
15-15-15	81052	15.57	14.85	16.34		103	Blend	Bag
15-15-15	81053	15.27	14.45	15.44		100	Blend	Bag
15-15-15	81054	15.23	15.34	16.04		103	Blend	Bag
15-15-15	81055	15.45	14.83	16.43		102	Blend	Bag
15-15-15	82487	15.22	12.34 *	15.24		94 *	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade : 7								
Average Analysis :		15.17	14.22	15.68		99.1		
CV, %		2.14	6.98	3.7				
19-19-19	80796	18.76	19.45	19.50		101	Blend	Bag
19-19-19	82199	18.92	19.23	19.56		101	Blend	Bag
19-19-19	82424	18.71	19.62	19.82		102	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.11	99.57	105.26				
ALL SAMPLES, CV %		5.79	8.45	5.81				
NUMBER OF ANALYSIS		29	29	30				
Deficiency Rate = 26.67 %								

SS (RUSS) RUSSELLVILLE COOP RUSSELLVILLE KY 42276								
05-14-14	80407+	6.04	14.58	15.59		103	CM	Bulk
08-21-27	80411	8.24	22.11	27.66		101	CM	Bulk
08-21-27	80412	8.09	21.35	28.16		99	CM	Bulk
09-23-30	81996	8.81	22.94	29.99		100	CM	Bulk
10-26-23	80409	9.90	26.59	23.67		100	CM	Bulk
10-26-23	80410	10.10	27.31	22.42		100	CM	Bulk
16-18-24	81998	16.25	18.60	24.88		101	CM	Bulk
17-10-10	80408	17.46	12.24	11.70		108	CM	Bulk
23-00-29	81997	24.65	0.00	28.85		102	CM	Bulk
28-12-12	81995	29.21	13.02	12.95		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RUSS) RUSSELLVILLE COOP RUSSELLVILLE KY 42276								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.12	102.87	101.87				
ALL SAMPLES,CV %		3.88	5.27	4.44				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
SS (SHEL) SHELBYVILLE COOP SHELBYVILLE KY 40065								
06-15-39	82067	6.36	16.74	38.89		102	CM	Bulk
06-15-39	82068	6.52	15.81	39.31		101	CM	Bulk
06-15-39	82069	6.08	15.42	40.57		101	CM	Bulk
06-15-39	82070	6.43	16.61	38.90		102	CM	Bulk
06-16-37	81761+	6.00	15.10 *	38.68		98	CM	Bulk
14-14-28	82304+	14.59	13.95	28.31		99	CM	Bulk
14-14-28	82305+	14.13	14.40	28.66		99	CM	Bulk
23-00-29	82302	22.89	0.00	29.10		98	CM	Bulk
SS (SOME) SOMERSET COOP SOMERSET KY 42503								
00-18-32	81286+	0.00	19.39	32.07		103	CM	Bulk
05-13-42	81290+	5.51	13.79	41.93		101	CM	Bulk
13-23-23	81288	13.31	23.58	24.74		100	CM	Bulk
17-10-22	81293	16.91	10.30	24.30		102	CM	Bulk
22-18-15	81294	23.22	20.00	15.17		103	CM	Bulk
22-18-15	81295	23.07	19.23	15.68		102	CM	Bulk
23-11-11	81287	23.57	11.93	12.45		103	CM	Bulk
25-00-25	81289	26.37	0.00	26.18		103	CM	Bulk
27-04-18	82889	26.52	4.48	19.96		100	CM	Bulk
28-00-23	81291	28.42	0.00	23.28		101	CM	Bulk
31-00-18	81285	32.51	0.00	19.43		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.02	102.17	103.10				
ALL SAMPLES,CV %		2.38	2.95	3.81				
NUMBER OF ANALYSIS		10	8	11				
Deficiency Rate = 0.00 %								
SS (SPRI) LEBANON-SPRINGFIELD BR SPRINGFIELD KY 40069								
05-15-39	81980+	6.49	15.38	40.29		102	CM	Bulk
16-16-20	81982	17.08	17.13	19.98		102	CM	Bulk
17-17-17	81981	17.29	17.17	19.60		100	CM	Bulk
18-10-20	81987	18.59	9.75	21.97		100	CM	Bulk
18-10-21	81985	17.96	9.24 *	23.10		99	CM	Bulk
22-00-20	81984	22.28	0.00	21.54		102	CM	Bulk
22-08-10	81983	22.79	8.57	11.57		102	CM	Bulk
25-07-10	81986	25.01	7.16	11.79		100	CM	Bulk
SS (STAN) STANFORD SVC STANFORD KY 40484								
10-25-25	82816+	10.73	24.87	25.08		98	CM	Bulk
23-19-13	82551	19.11 *	18.91	21.12		99	CM	Bulk
SS (WARS) GALLATIN SVC WARSAW KY 41095								
06-15-39	82521	6.24	16.55	38.26		100	CM	Bulk
06-15-39	82522	6.35	16.38	39.07		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (WARS) GALLATIN SVC WARSAW KY 41095								
08-16-36	82525	8.03	17.10	35.69		101	CM	Bulk
09-18-27	82878	9.26	18.78	28.61		102	CM	Bulk
11-30-20	82523	11.28	30.08	22.26		101	CM	Bulk
14-15-23	82877	14.30	15.59	25.01		101	CM	Bulk
19-15-18	82524	19.49	15.14	19.45		101	CM	Bulk
21-07-21	82879	21.06	6.98	23.54		101	CM	Bulk
21-15-19	82528	21.18	15.42	21.34		101	CM	Bulk
36-00-12	82526	36.15	0.00	13.31		100	CM	Bulk
36-00-12	82527	36.46	0.00	12.76		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.35	101.33	104.13				
ALL SAMPLES,CV %		1.56	2.25	3.8				
NUMBER OF ANALYSIS		11	9	11				
Deficiency Rate = 0.00 %								

SS (WINC) CLARK COOP WINCHESTER KY 40391								
11-17-25	82791	11.84	17.08	26.53		101	CM	Bulk
11-17-25	82792	12.02	16.98	26.40		101	CM	Bulk
14-11-26	82788	14.85	11.38	27.64		102	CM	Bulk
16-12-18	82786	16.95	12.76	19.62		103	CM	Bulk
17-14-21	82787	17.51	13.97	22.42		101	CM	Bulk
22-03-13	82789	22.71	3.66	14.33		100	CM	Bulk
22-03-13	82790	22.80	3.62	14.69		101	CM	Bulk

SS (WINC) COOP, INC. WINCHESTER KY 40391								
00-00-55	82665+	0.00	0.00	56.58		101	CM	Bulk
00-10-30	82587+	0.00	10.79	30.90		105	Blend	Bag
05-10-10	81808	4.68	9.51	9.50		95 *	Blend	Bag
05-10-15	81106	5.48	10.23	15.49		104	Blend	Bag
05-10-15	81121	4.76	9.38	16.09	*	99	Blend	Bag
05-10-15	81485	4.74	9.36	16.03		99	Blend	Bag
05-10-15	81490	5.17	10.18	15.96		104	Blend	Bag
05-10-15	81492	4.58 *	9.21	14.64	*	94 *	Blend	Bag
05-10-15	82402	5.07	10.47	14.60		101	Blend	Bag
05-10-15	82529	4.88	9.91	16.96		104	Blend	Bag
05-10-15	82586	4.64	9.75	14.94		98	Blend	Bag
05-10-15	82667	4.78	10.82	18.33	*	112	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade : 9								
Average Analysis :		4.90	9.92	15.89		101.7		
CV, %		5.9	5.54	7.53				
05-20-20	81379	5.10	20.24	21.68		103	Blend	Bag
05-20-20	81484	5.36	20.35	21.76		104	Blend	Bag
05-20-20	81491	5.13	19.88	20.96		101	Blend	Bag
05-20-20	81642	5.03	20.86	21.25		104	Blend	Bag
05-20-20	82237	5.18	20.80	21.62		105	Blend	Bag
05-20-20	82368	4.90	19.36	22.00		101	Blend	Bag
05-20-20	82403	4.94	20.70	20.12		102	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 : 05-20-20								
Number of Samples This Grade : 7								
Average Analysis :		5.09	20.31	21.34		103.0		
CV, %		3.05	2.69	2.99				
06-12-12	81156	5.78	11.41	13.04		99	Blend	Bag
06-12-12	81807	5.42 *	10.18 *	11.85		89 *	Blend	Bag
06-24-24	81494	6.08	23.40	25.53		100	Blend	Bag
06-24-24	82372	6.36	24.56	25.41		104	Blend	Bag
06-24-24	82381	6.28	25.15	23.49		103	Blend	Bag
09-18-27	81122	8.86	16.95	28.73	*	100	Blend	Bag
10-00-10	82588	8.80 *	0.00	9.32		90 *	Blend	Bag
10-10-10	80946	10.64	11.95	9.59		110	Blend	Bag
10-10-10	81104	10.52	10.30	11.11		105	Blend	Bag
10-10-10	81105	9.29	10.22	10.08		99	Blend	Bag
10-10-10	81119	9.98	10.10	11.00		102	Blend	Bag
10-10-10	81378	9.52	10.23	10.75		101	Blend	Bag
10-10-10	81482	9.12	10.14	9.92		97	Blend	Bag
10-10-10	81488	10.09	10.46	10.20		103	Blend	Bag
10-10-10	81496	9.98	10.95	10.03		104	Blend	Bag
10-10-10	82239	10.48	10.71	11.45		108	Blend	Bag
10-10-10	82369	9.81	10.10	10.74		101	Blend	Bag
10-10-10	82373	9.17	10.21	10.07		98	Blend	Bag
10-10-10	82383	11.17	10.82	11.08		110	Blend	Bag
10-10-10	82530	8.89 *	9.96	10.56		97	Blend	Bag
10-10-10	82585	9.53	10.09	9.78		98	Blend	Bag
10-10-10	82651	10.11	9.92	10.62		101	Blend	Bag
10-10-10	82761	9.25	10.11	9.74		97	Blend	Bag
10-10-10	82804+	10.27	8.45 *	13.16		100	Blend	Bag
10-10-10	82805	8.17 *	9.49	10.04		91 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 18								
Average Analysis :		9.78	10.23	10.55		101.4		
CV, %		7.48	6.74	8.02				
10-20-20	81376	9.69	19.47	20.70		99	Blend	Bag
12-12-12	81497	11.80	12.37	13.97		104	Blend	Bag
12-12-12	82531	11.17	13.12	12.89		103	Blend	Bag
12-22-22	82486	11.43	21.50	23.94		100	Blend	Bag
15-15-15	80062	14.75	14.32	14.04		96 *	Blend	Bag
15-15-15	81155	15.39	15.46	14.99		102	Blend	Bag
15-15-15	82399	14.67	15.60	16.21		103	Blend	Bag
19-00-19	82589	17.46 *	0.00	18.82		95 *	Blend	Bag
19-19-19	80061	19.35	17.84	20.98		100	Blend	Bag
19-19-19	81120	19.13	19.79	19.38		103	Blend	Bag
19-19-19	81157	19.07	19.39	20.52		103	Blend	Bag
19-19-19	81377	18.83	20.69	19.11		104	Blend	Bag
19-19-19	81481	19.13	20.11	19.34		103	Blend	Bag
19-19-19	81486	18.41	20.42	20.48		104	Blend	Bag
19-19-19	81489	19.86	18.92	20.14		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (WINC) COOP, INC. WINCHESTER KY 40391								
19-19-19	81493	19.74	19.76	19.63		104	Blend	Bag
19-19-19	81668	19.54	18.91	19.88		102	Blend	Bag
19-19-19	81721	19.00	20.12	19.02		103	Blend	Bag
19-19-19	81806	19.10	18.27	20.73		100	Blend	Bag
19-19-19	82238	18.57	20.28	19.61		103	Blend	Bag
19-19-19	82370	18.82	19.62	20.89		103	Blend	Bag
19-19-19	82382	19.46	17.95	20.92		100	Blend	Bag
19-19-19	82400	18.75	19.57	20.59		103	Blend	Bag
19-19-19	82590	18.60	19.19	20.46		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 16								
Average Analysis :		19.09	19.43	20.11		102.4		
CV, %		2.21	4.44	3.38				
34-00-00	82563	32.54	0.00	0.00		97	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.68	101.13	105.09				
ALL SAMPLES,CV %		5.39	5.65	6.08				
NUMBER OF ANALYSIS		67	65	68				
Deficiency Rate = 13.04 %								

SS OWENSBORO-CARTER OWENSBORO KY 42301								
00-00-55	80555	0.00	0.00	57.66		103	CM	Bulk
00-00-57	80557	0.00	0.00	59.17		103	CM	Bulk
00-10-42	80314+	0.00	10.61	44.72		103	CM	Bulk
00-10-42	80315+	0.00	10.90	44.64		103	CM	Bulk
00-12-40	80313+	0.00	12.52	40.26		100	CM	Bulk
02-09-45	80556	1.96	9.28	46.85		100	CM	Bulk
02-09-45	80558	1.69 *	8.43 *	47.37		98	CM	Bulk
04-11-44	80312	3.20 *	14.36	42.41 *		103	CM	Bulk
09-23-30	80553	7.23 *	18.86 *	36.03		94 *	CM	Bulk
09-23-30	80554	8.92	22.94	31.41		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		85.21	98.96	104.34				
ALL SAMPLES,CV %		12.44	13.86	5.99				
NUMBER OF ANALYSIS		5	8	10				
Deficiency Rate = 30.00 %								

STANLEY AG SERVICE LLC STANLEY KY 42375								
00-23-30	82350	0.00	22.77	31.56		101	CM	Bulk
09-23-30	82351	8.97	23.08	30.86		101	CM	Bulk
10-26-26	82347	10.14	26.14	25.87		100	CM	Bulk
10-26-26	82348	10.06	25.79	26.20		99	CM	Bulk
10-26-26	82349	10.57	26.74	25.78		102	CM	Bulk
17-10-28	82343	17.97	10.90	29.15		102	CM	Bulk
17-10-28	82344	17.67	11.20	29.10		102	CM	Bulk
17-10-28	82345	17.80	11.24	28.76		102	CM	Bulk
17-10-28	82346	17.62	10.73	28.82		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
STANLEY AG SERVICE LLC STANLEY KY 42375								
18-10-27	82342	17.90	10.23	28.90		100	CM	Bulk
21-08-24	82352	21.62	8.99	25.87		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.44	100.28	102.12				
ALL SAMPLES,CV %		2.67	1.63	2.36				
NUMBER OF ANALYSIS		10	11	11				
Deficiency Rate = 0.00 %								
SUN BULB COMPANY, INC. ARCADIA FL 34265								
11-35-15	80253+	11.93	35.61	16.44		104	Blend	Bag
11-35-15	81776+	12.31	35.64	15.85		104	Blend	Bag
11-35-15	82317+	11.69	36.45	16.22		105	Blend	Bag
20-14-13	80252+	20.84	13.57	12.99		101	Blend	Bag
20-14-13	80264+	21.10	13.03	13.15		100	Blend	Bag
20-14-13	80419+	20.41	13.91	13.15		101	Blend	Bag
20-14-13	81775+	21.17	13.84	13.27		102	Blend	Bag
SWISS FARMS PRODUCTS, INC. LAS VEGAS NV 89109								
15-30-15	80029+	24.68	9.27 *	16.23		79 *	Blend	Bag
15-30-15	80044+	15.81	30.02	15.75		102	Blend	Bag
15-30-15	80127+	14.63	30.67	15.69		101	Blend	Bag
15-30-15	81032+	16.24	31.05	15.63		105	Blend	Bag
15-30-15	81129+	15.91	30.83	15.36		103	Blend	Bag
15-30-15	81466+	15.81	30.10	16.54		103	Blend	Bag
15-30-15	81575+	15.55	30.45	15.65		102	Blend	Bag
Statistical Analysis for Grade : 15-30-15								
Number of Samples This Grade : 7								
Average Analysis :		16.95	27.48	15.84		99.5		
CV, %		20.33	29.25	2.56				
T AND N, INC FORISTELL MO 63348								
10-06-04	81461	11.28	6.85	4.41		113	Blend	Bag
12-12-12	81462	15.27	12.96	13.41		115	Blend	Bag
12-22-10	80442	11.69	22.02	10.03		99	Blend	Bag
22-03-03	82621	21.58	3.04	2.84		98	Blend	Bag
TAYLOR, G.M. SEED CO. GEORGETOWN KY 40324								
00-00-60	82214	0.00	0.00	60.31		101	Mat	Bulk
14-00-29	82833	15.03	0.00	28.84		100	CM	Bulk
34-00-00	82212	34.19	0.00	0.00		101	Mat	Bulk
46-00-00	82213	46.18	0.00	0.00		100	Mat	Bulk
TENNESSEE FARMERS COOP LAVERGNE TN 37086								
32-00-00	81939	31.59	0.00	0.00		99	Mat	Liq
34-00-00	81328	34.40	0.00	0.00		101	Mat	Bag
TERRACYCLE INC TRENTON NJ 08638-5201								
05-03-04	81177+	5.04	4.39	3.22 *		113	Mnfr	Bag
TETRA MICRONUTRIENTS THE WOODLANDDS TX 77386								
00-00-00	80756+	0.00	0.00	0.00			Mat	Bag
00-00-00	81107+	0.00	0.00	0.00			Mat	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

TETRA MICRONUTRIENTS THE WOODLANNDS TX 77386								
00-00-00	81111+	0.00	0.00	0.00			Mat	Bag
00-00-00	81118+	0.00	0.00	0.00			Mat	Bag
00-00-00	81292+	0.00	0.00	0.00			Mat	Bag
00-00-00	81431+	0.00	0.00	0.00			Mat	Bag
00-00-00	81964+	0.00	0.00	0.00			Mat	Bag
00-00-00	82236+	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				

THE ANDERSONS LOGANSPORT IN 46947								
24-00-01	81597+	22.96	0.00	1.11		96 *	Mnfr	Liq

THE ANDERSONS LAWN FERT DIV MAUMEE OH 43537								
13-02-13	81729+	14.03	2.21	13.41		107	Blend	Bag

THE SCOTTS CO. MARYSVILLE OH 43041								
10-10-10	80032	10.88	11.59	11.78		113	Blend	Bag
10-10-10	80920	11.54	11.28	11.90		115	Blend	Bag
10-12-10	80027	11.70	15.00	12.49		122	Blend	Bag
10-12-10	82483	11.83	13.53	13.72		119	Blend	Bag
11-02-02	80009+	11.66	2.13	2.40		107	Mnfr	Bag
11-02-02	80536+	10.97	2.99	2.10		107	Mnfr	Bag
11-02-02	80827+	11.38	2.27	2.07		105	Mnfr	Bag
11-02-02	82841+	10.83	2.58	4.30		113	Mnfr	Bulk
11-07-07	80022	12.29	9.54	9.55		124	Blend	Bag
18-23-04	81219+	19.84	23.54	3.98		105	Blend	Bag
18-23-04	81223+	18.43	23.61	5.33		104	Blend	Bag
18-23-04	81228+	19.59	23.66	4.98		106	Blend	Bag
18-23-04	81771+	19.78	24.50	4.09		108	Blend	Bag
20-27-05	80050+	20.85	27.96	5.31		104	Blend	Bag
20-27-05	80126+	20.60	27.78	5.83		104	Blend	Bag
20-27-05	80141+	21.17	27.97	5.75		105	Blend	Bag
20-27-05	80439+	22.37	26.72	4.54 *		104	Blend	Bag
20-27-05	80849+	21.72	27.35	5.17		104	Blend	Bag
Statistical Analysis for Grade : 20-27-05								
Number of Samples This Grade : 5								
Average Analysis :		21.34	27.56	5.32		104.0		
CV, %		3.33	1.93	9.79				
22-02-14	80046+	23.53	2.42	14.67		107	Blend	Bag
22-02-14	80137+	22.30	2.40	14.09		102	Blend	Bag
22-02-14	80148+	22.58	2.48	13.35		102	Blend	Bag
22-02-14	80157+	22.94	2.49	15.47		107	Blend	Bag
22-02-14	80163+	22.39	2.67	14.80		105	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 : 5								
Average Analysis :		22.75	2.49	14.48		104.8		
CV, %		2.2	4.28	5.51				
22-03-11	80068	21.59	3.04	11.53		100	Blend	Bag
22-03-11	80138	21.18	3.33	12.72		101	Blend	Bag
22-03-11	80149	23.02	3.17	11.57		105	Blend	Bag
22-03-11	80152	21.75	3.61	11.33		102	Blend	Bag
22-03-11	80164	22.42	3.09	12.43		104	Blend	Bag
Statistical Analysis for Grade : 22-03-11								
Number of Samples This Grade : 5								
Average Analysis :		21.99	3.25	11.92		102.3		
CV, %		3.31	7.09	5.18				
22-03-14	80031+	22.80	3.28	14.60		104	Blend	Bag
22-03-14	80060+	22.40	3.22	14.95		103	Blend	Bag
22-03-14	80132+	22.91	3.22	13.77		103	Blend	Bag
22-03-14	80139	21.82	3.22	15.97		103	Blend	Bag
22-03-14	80166+	22.31	3.31	15.30		104	Blend	Bag
22-03-14	80262+	22.87	3.23	13.42		103	Blend	Bag
22-03-14	80357	22.36	3.27	15.58		104	Blend	Bag
22-03-14	80400+	22.23	3.28	14.89		103	Blend	Bag
22-03-14	80402+	22.10	3.10	15.52		103	Blend	Bag
22-03-14	80405+	21.99	3.29	14.41		102	Blend	Bag
22-03-14	80433+	23.48	3.21	14.32		106	Blend	Bag
Statistical Analysis for Grade : 22-03-14								
Number of Samples This Grade : 11								
Average Analysis :		22.48	3.24	14.79		103.5		
CV, %		2.17	1.78	5.31				
26-03-12	80047+	27.10	2.81	11.89		102	Blend	Bag
26-03-12	80059+	27.20	2.87	10.89 *		101	Blend	Bag
26-03-12	80101+	27.29	2.97	11.46		103	Blend	Bag
26-03-12	80133+	26.89	3.02	12.11		103	Blend	Bag
26-03-12	80167+	26.43	2.90	12.43		102	Blend	Bag
26-03-12	80247+	26.81	3.02	11.37		101	Blend	Bag
26-03-12	80263+	27.38	2.83	11.24		102	Blend	Bag
26-03-12	80432+	26.97	3.05	12.05		103	Blend	Bag
Statistical Analysis for Grade : 26-03-12								
Number of Samples This Grade : 8								
Average Analysis :		27.01	2.93	11.68		102.2		
CV, %		1.13	3.18	4.46				
28-00-08	80041	28.76	0.00	8.45		103	Blend	Bag
28-00-08	80072	28.46	0.00	8.38		102	Blend	Bag
28-02-03	81034+	28.65	2.03	3.08		102	Blend	Bag
28-02-03	81051+	29.93	2.11	3.52		107	Blend	Bag
28-02-03	81132+	29.49	2.14	3.13		105	Blend	Bag
28-02-03	81212+	29.02	1.92	3.14		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

THE SCOTTS CO. MARYSVILLE OH 43041								
28-02-03	81577+	28.87	2.09	2.69		102	Blend	Bag
28-02-03	82619+	28.07	2.03	3.14		101	Blend	Bag
Statistical Analysis for Grade : 28-02-03								
Number of Samples This Grade : 6								
Average Analysis :		29.01	2.05	3.12		103.5		
CV, %		2.24	3.83	8.46				
28-03-03	80053	26.81	2.99	3.80		98	Blend	Bag
28-03-03	80891	30.16	3.28	4.07		109	Blend	Bag
28-03-03	81419	26.90	3.67	3.53		100	Blend	Bag
28-03-03	82078	28.85	3.27	3.39		104	Blend	Bag
28-03-08	82556	28.29	3.08	8.81		102	Blend	Bag
29-02-04	80040+	30.32	1.93	4.03		104	Blend	Bag
29-02-04	81576+	29.44	2.05	3.79		101	Blend	Bag
29-03-04	80039	26.35 *	3.22	4.58		94 *	Blend	Bag
29-03-04	80165	30.80	3.12	4.64		107	Blend	Bag
29-03-04	80258	28.67	3.65	5.18		103	Blend	Bag
29-03-04	80269+	29.33	3.07	4.27		102	Blend	Bag
29-03-04	80890	30.59	3.71	4.13		107	Blend	Bag
29-03-04	81221	29.11	3.31	5.20		103	Blend	Bag
29-03-04	82076	30.06	3.14	4.44		104	Blend	Bag
Statistical Analysis for Grade : 29-03-04								
Number of Samples This Grade : 7								
Average Analysis :		29.27	3.32	4.63		102.8		
CV, %		5.15	7.84	9				
30-00-04	80953+	31.35	0.00	4.10		104	Blend	Bag
30-00-04	81038+	31.89	0.00	5.03		108	Blend	Bag
30-00-04	81044+	31.14	0.00	3.65		103	Blend	Bag
30-00-04	81135+	30.67	0.00	3.65		101	Blend	Bag
30-00-04	81420+	30.57	0.00	3.69		101	Blend	Bag
Statistical Analysis for Grade : 30-00-04								
Number of Samples This Grade : 5								
Average Analysis :		31.12	0.00	4.02		103.5		
CV, %		1.72	0	14.75				
30-03-04	80892	26.64 *	3.61	3.76		93 *	Blend	Bag
30-03-04	80904	31.31	3.20	4.15		105	Blend	Bag
30-03-04	80958	31.46	3.08	4.00		104	Blend	Bag
30-03-04	81213+	30.55	2.74	4.19		101	Blend	Bag
30-03-04	81414	29.66	3.52	5.03		103	Blend	Bag
Statistical Analysis for Grade : 30-03-04								
Number of Samples This Grade : 5								
Average Analysis :		29.92	3.23	4.23		101.0		
CV, %		6.58	10.86	11.39				
32-03-08	80916+	32.64	3.97	8.99		106	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

THE SCOTTS CO. MARYSVILLE OH 43041								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.46	109.08	109.46				
ALL SAMPLES,CV %		4.55	10.02	15.14				
NUMBER OF ANALYSIS		80	73	80				
Deficiency Rate = 5.00 %								

THOMAS CAYCE FARM SUPPY, LLC PRINCETON KY 42445								
00-00-60	80092	0.00	0.00	59.72		100	Mat	Bulk
08-20-27	80089	8.53	21.57	27.14		102	CM	Bulk
08-21-31	82274	8.54	21.35	33.15		100	CM	Bulk
08-21-31	82275	8.66	21.54	31.34		99	CM	Bulk
08-21-32	81940	7.99	22.60	34.77		105	CM	Bulk
08-21-32	81941	8.21	22.67	33.15		104	CM	Bulk
09-23-30	81938	8.72	23.96	31.46		103	CM	Bulk
10-25-26	80358	9.83	26.03	26.52		100	CM	Bulk
11-52-00	80091	11.05	52.13	0.00		100	Mat	Bulk
18-46-00	80090	17.59	46.42	0.00		100	Mat	Bulk
19-07-24	82288	19.27	7.09	25.51		99	CM	Bulk
19-07-24	82420	19.67	8.10	26.46		105	CM	Bulk
19-19-19	82273	19.41	19.73	20.24		102	CM	Bulk
19-19-19	82421	19.22	18.95	19.78		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.79	101.59	103.54				
ALL SAMPLES,CV %		2.34	3.92	2.99				
NUMBER OF ANALYSIS		13	13	12				
Deficiency Rate = 0.00 %								

TIGER-SUL PRODUCTS, LLC ATMORE AL 36504								
00-00-00	81146+	0.00	0.00	0.00			Mat	Bag
00-00-00	81719+	0.00	0.00	0.00			Mat	Bag
00-00-00	81746+	0.00	0.00	0.00			Mat	Bag

TRI COUNTY FERT. RICHMOND KY 40475-2014								
15-00-00	82516	16.16	0.00	0.00		105	CM	Bulk
43-02-00	82513+	43.42	2.78	0.00		100	CM	Bulk
43-02-00	82514+	43.22	2.58	0.00		99	CM	Bulk
43-02-00	82515+	42.50	3.60	0.00		100	CM	Bulk

TRIMBLE CO FARM MILTON KY 40045								
00-00-60	82378	0.00	0.00	60.01		100	Mat	Bulk
09-09-09	82885	10.45	10.39	9.59		104	CM	Bulk
15-09-14	82881	15.72	9.68	15.58		102	CM	Bulk
16-03-12	82883	17.34	3.99	12.71		103	CM	Bulk
18-46-00	82376	17.89	45.56	0.00		99	Mat	Bulk
21-15-16	82884	21.47	15.36	17.60		102	CM	Bulk
46-00-00	82377	46.15	0.00	0.00		100	Mat	Bulk

TWO RIVERS, INC DRAKESBORO KY 42337								
14-14-22	82726+	15.47	15.07	22.53		103	CM	Bulk
14-14-22	82727+	14.62	14.35	23.86		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
TWO RIVERS, INC DRAKESBORO KY 42337								
14-14-22	82728+	14.16	15.11	23.29		102	CM	Bulk
14-14-22	82729+	15.18	14.77	23.13		103	CM	Bulk
U.S. BORAX INC. ENGLEWOOD CA 80155								
00-00-00	81330+	0.00	0.00	0.00			Mat	Bag
00-00-00	81902+	0.00	0.00	0.00			Mat	Bag
VALLEY FERTILIZER SVC. EDMONTON KY 42129								
17-17-17	81432	19.58	19.53	15.98 *		106	CM	Bulk
19-19-19	81423	19.37	19.83	20.66		102	CM	Bulk
19-19-19	81428	19.05	20.26	20.05		102	CM	Bulk
19-19-19	81429	19.86	19.50	19.45		101	CM	Bulk
25-11-11	81425	24.47	11.71	12.99		100	CM	Bulk
27-13-13	81426	27.47	14.50	14.10		103	CM	Bulk
27-13-13	81427	27.74	14.05	13.76		102	CM	Bulk
27-13-13	81430	28.23	13.31	14.16		101	CM	Bulk
29-09-09	81421	29.16	9.53	10.00		101	CM	Bulk
40-00-00	81424	40.32	0.00	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.15	102.47	104.32				
ALL SAMPLES,CV %		3.68	3.75	5.48				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 10.00 %								
WARNER FERT CO. (ALBA) ALBANY KY 42602								
11-00-44	81372	11.25	0.00	45.59		100	CM	Bulk
16-15-26	81366	15.98	15.78	27.08		101	CM	Bulk
17-17-17	81364	18.24	17.83	18.21		106	CM	Bulk
17-17-17	81369	16.77	19.32	18.31		107	CM	Bulk
19-19-19	81365	18.98	19.15	20.72		102	CM	Bulk
19-19-19	81368	19.30	19.12	19.97		102	CM	Bulk
19-19-19	81375	18.93	18.99	20.48		101	CM	Bulk
21-00-21	81374	21.33	0.00	23.24		102	CM	Bulk
26-00-25	81363	26.12	0.00	27.19		101	CM	Bulk
26-00-26	81373	24.99	0.00	26.95		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.21	103.80	105.90				
ALL SAMPLES,CV %		3.54	4.96	2.4				
NUMBER OF ANALYSIS		10	6	10				
Deficiency Rate = 0.00 %								
WARNER FERT CO. (CAMP) CAMPBELLSVILLE KY 42718								
15-15-15	82155	16.66	16.29	16.14		103	CM	Bulk
17-00-28	82152	16.84	0.00	31.79		103	CM	Bulk
17-17-17	82158	18.05	18.95	17.54		103	CM	Bulk
17-17-17	82159	17.17	19.67	18.10		104	CM	Bulk
17-17-17	82160	17.77	19.08	17.20		103	CM	Bulk
19-19-19	82150	19.51	19.47	20.91		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (CAMP) CAMPBELLSVILLE KY 42718								
19-19-19	82151	19.49	20.57	18.22		102	CM	Bulk
19-19-19	82153	19.26	21.08	19.65		104	CM	Bulk
19-19-19	82154	18.88	19.87	20.72		102	CM	Bulk
19-19-19	82157	19.45	21.03	19.24		104	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.32	20.40	19.75		102.5		
CV, %		1.37	3.49	5.6				

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.49	105.99	101.97				
ALL SAMPLES,CV %		2.68	3.39	4.92				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								

WARNER FERT CO. (COLU) COLUMBIA KY 42728								
17-00-30	82855	16.59	0.00	30.11		99	CM	Bulk
17-00-30	82857	17.90	0.00	27.77 *		99	CM	Bulk
17-17-17	82854	18.23	18.03	17.82		102	CM	Bulk
17-17-17	82856	17.82	17.93	17.95		101	CM	Bulk
22-11-21	81610	22.33	11.55	22.64		101	CM	Bulk
23-00-30	82080	17.94 *	0.00	36.99		98	CM	Bulk
23-06-23	82082	24.49	6.19	25.68		104	CM	Bulk
25-11-17	82079	24.39	12.92	19.08		103	CM	Bulk

WARNER FERT CO. (LIBE) LIBERTY KY 42539								
09-23-30	81901	9.15	22.51	31.55		101	CM	Bulk
19-19-19	81906	20.34	17.84	19.72		100	CM	Bulk
23-08-19	82801	22.76	8.25	20.98		101	CM	Bulk
23-11-11	82800	24.43	11.19	12.01		103	CM	Bulk
27-13-13	81900	27.85	14.28	13.97		106	CM	Bulk
30-00-20	81907	31.29	0.00	21.63		104	CM	Bulk

WARNER FERT CO. (MONT) MONTICELLO KY 42633								
11-00-00	81457	9.20 *	0.00	0.00		81 *	CM	Bulk
17-17-17	81455	17.82	17.89	18.65		102	CM	Bulk
19-19-19	81453	19.56	19.15	19.83		100	CM	Bulk
21-13-13	81456	21.40	13.38	14.47		101	CM	Bulk
22-12-12	81454	22.31	13.18	13.39		102	CM	Bulk
23-00-30	81658	23.43	0.00	30.48		102	CM	Bulk
31-00-18	81659	31.19	0.00	20.29		101	CM	Bulk
32-09-09	81655	31.97	10.64	9.97		102	CM	Bulk
32-09-09	81656	32.88	9.91	10.11		102	CM	Bulk
32-09-09	81657	32.17	9.20	11.36		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (MONT) MONTICELLO KY 42633								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.64	102.13	106.54				
ALL SAMPLES,CV %		6.11	4.64	4.81				
NUMBER OF ANALYSIS		10	7	9				
Deficiency Rate = 10.00 %								

WARNER FERT CO. (NAN) NANCY KY 42544								
17-00-30	81611	17.96	0.00	29.56		102	CM	Bulk
17-09-24	81614	17.77	9.95	23.29		102	CM	Bulk
17-17-17	81615	17.49	18.79	18.19		107	CM	Bulk
19-19-19	81612	19.69	20.02	19.10		104	CM	Bulk
20-00-23	81616	19.62	0.00	24.96		99	CM	Bulk
20-18-12	81297	21.98	18.23	10.46 *		99	CM	Bulk
22-00-20	81444	23.30	0.00	20.26		102	CM	Bulk
22-10-15	81296	22.08	10.07	15.09		101	CM	Bulk
25-25-00	81613	26.15	24.66	0.00		100	CM	Bulk
30-11-00	81458	31.04	10.25	0.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.97	100.96	99.26				
ALL SAMPLES,CV %		3.06	5.91	6.55				
NUMBER OF ANALYSIS		10	7	8				
Deficiency Rate = 10.00 %								

WARNER FERT CO. (RUSS) RUSSELL SPRINGS KY 42642								
08-00-45	81541	7.85	0.00	45.89		100	CM	Bulk
17-00-30	81531	16.08	0.00	31.57		100	CM	Bulk
17-00-30	81540	17.21	0.00	30.30		101	CM	Bulk
19-19-18	81539	19.67	18.97	20.09		100	CM	Bulk
21-09-14	81538	21.18	9.54	15.04		100	CM	Bulk
23-10-10	81542	24.29	10.30	10.85		99	CM	Bulk
25-11-17	81535	25.77	11.11	17.52		99	CM	Bulk
27-00-24	81536	29.33	0.00	24.08		104	CM	Bulk
27-00-24	81537	27.60	0.00	24.04		100	CM	Bulk
29-12-12	81534	29.22	12.61	11.43		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.65	97.51	101.44				
ALL SAMPLES,CV %		3.83	3.83	3.46				
NUMBER OF ANALYSIS		10	5	10				
Deficiency Rate = 0.00 %								

WARNER FERT CO. (SOM) SOMERSET KY 42502								
00-00-50	80973	0.00	0.00	51.60		103	Mat	Bulk
00-00-50	82325	0.00	0.00	51.42		103	Mat	Bulk
00-00-60	80792	0.00	0.00	59.39		99	Mat	Bulk
00-00-60	80804	0.00	0.00	61.08		102	Mat	Bulk
00-00-60	80810	0.00	0.00	61.18		102	Mat	Bulk
00-00-60	80859	0.00	0.00	59.20		99	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	80873	0.00	0.00	61.05		102	Mat	Bulk
00-00-60	80879	0.00	0.00	60.48		101	Mat	Bulk
00-00-60	80881	0.00	0.00	61.12		102	Mat	Bulk
00-00-60	80885	0.00	0.00	61.69		103	Mat	Bulk
00-00-60	80900	0.00	0.00	60.76		101	Mat	Bulk
00-00-60	80931	0.00	0.00	60.13		100	Mat	Bulk
00-00-60	80972	0.00	0.00	60.72		101	Mat	Bulk
00-00-60	81314	0.00	0.00	60.01		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 12								
Average Analysis :		0.00	0.00	60.57		100.9		
CV, %		0	0	1.25				
00-20-20	81305	0.00	20.25	20.33		101	Blend	Bag
00-46-00	80889	0.00	45.72	0.00		99	Mat	Bulk
00-46-00	80975	0.00	45.92	0.00		100	Mat	Bulk
05-10-10	81802	4.97	9.22	9.56		95 *	Blend	Bag
05-10-15	80977	5.57	9.45	15.58		101	Blend	Bag
05-10-15	81306	5.67	10.15	15.28		104	Blend	Bag
05-10-15	82326	4.32 *	8.80 *	14.72		92 *	Blend	Bag
05-10-15	82869	4.68	9.60	15.24		98	Blend	Bag
05-14-38	81620+	6.06	14.66	38.16		101	CM	Bulk
05-20-20	81798	5.32	19.39	21.32		101	Blend	Bag
05-20-20	82405	5.96	19.91	19.57		101	Blend	Bag
05-25-25	81625	10.30	25.83	25.95		108	CM	Bulk
06-12-12	81803	5.74	10.84 *	10.26 *		90 *	Blend	Bag
09-18-27	80978	10.14	19.11	27.11		105	Blend	Bag
10-10-10	80240	8.86 *	9.29	9.60		92 *	Blend	Bag
10-10-10	80814	9.47	10.68	10.02		101	Blend	Bag
10-10-10	80980	10.88	10.66	10.83		108	Blend	Bag
10-10-10	81199	9.68	10.84	10.59		104	Blend	Bag
10-10-10	81304	9.68	9.96	9.33		97	Blend	Bag
10-10-10	81367	8.67 *	9.80	9.73		94 *	Blend	Bag
10-10-10	81422	9.42	10.42	9.78		99	Blend	Bag
10-10-10	81533	9.24	11.40	9.97		104	Blend	Bag
10-10-10	81617	8.41 *	9.75	11.84		97	Blend	Bag
10-10-10	81797	11.02	10.61	9.43		105	Blend	Bag
10-10-10	81904	11.92	11.61	10.01		114	Blend	Bag
10-10-10	82081	11.83	14.27	10.59		127	Blend	Bag
10-10-10	82632	11.57	12.50	12.05		121	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 13								
Average Analysis :		10.05	10.91	10.29		104.9		
CV, %		12.28	12.15	8.38				
12-24-24	82156	12.89	27.53	23.16		109	Blend	Bag
15-15-15	80976	16.17	16.10	16.19		108	Blend	Bag
15-15-15	81371	14.17	16.30	14.15		101	Blend	Bag
15-15-15	81619	12.62 *	13.16 *	15.57		90 *	Blend	Bag
15-15-15	81905	15.07	14.91	14.98		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (SOM) SOMERSET KY 42502								
15-15-15	82327	15.17	15.04	13.13 *		98	Blend	Bag
15-15-15	82404	14.47	16.16	14.29		101	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade : 6								
Average Analysis :		14.61	15.28	14.72		99.6		
CV, %		8.19	7.85	7.44				
18-08-08	81628	18.67	9.13	10.24		103	CM	Bulk
18-46-00	80683	18.10	45.71	0.00		100	Mat	Bulk
18-46-00	80790	17.91	45.31	0.00		99	Mat	Bulk
18-46-00	80803	18.20	45.16	0.00		99	Mat	Bulk
18-46-00	80812	18.01	45.56	0.00		99	Mat	Bulk
18-46-00	80858	17.97	45.85	0.00		100	Mat	Bulk
18-46-00	80874	17.89	45.38	0.00		99	Mat	Bulk
18-46-00	80877	18.03	46.05	0.00		100	Mat	Bulk
18-46-00	80884	17.81	46.33	0.00		100	Mat	Bulk
18-46-00	80886	17.98	45.78	0.00		100	Mat	Bulk
18-46-00	80899	17.76	46.30	0.00		100	Mat	Bulk
18-46-00	80933	18.04	46.28	0.00		101	Mat	Bulk
18-46-00	80971	18.05	45.92	0.00		100	Mat	Bulk
18-46-00	81313	17.93	45.20	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 13								
Average Analysis :		17.98	45.76	0.00		99.6		
CV, %		0.66	0.91	0				
19-19-19	80979	18.76	20.09	19.44		103	Blend	Bag
19-19-19	81200	18.11	19.02	20.35		100	Blend	Bag
19-19-19	81370	19.40	19.58	18.98		102	Blend	Bag
19-19-19	81532	18.57	20.41	18.73		102	Blend	Bag
19-19-19	81544	19.05	19.49	20.70		103	Blend	Bag
19-19-19	81618	19.00	21.25	19.18		106	Blend	Bag
19-19-19	81622	19.23	20.33	19.55		104	CM	Bulk
19-19-19	81626	18.55	20.24	19.45		103	CM	Bulk
19-19-19	81630	19.15	20.48	19.12		104	CM	Bulk
19-19-19	81796	20.01	21.53	17.92		107	Blend	Bag
19-19-19	81903	18.43	19.99	21.11		104	Blend	Bag
19-19-19	81911	19.62	19.01	20.31		103	Blend	Bag
19-19-19	82328	18.28	20.93	21.32		106	Blend	Bag
19-19-19	82561	19.68	19.31	18.96		102	Blend	Bag
19-19-19	82631	18.08	20.38	19.46		102	Blend	Bag
19-19-19	82633	18.12	20.73	19.77		103	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 16								
Average Analysis :		18.88	20.17	19.65		103.3		
CV, %		3.23	3.7	4.62				
20-41-00	81627	20.34	41.82	0.00		102	CM	Bulk
21-00-00	81312+	21.21	0.00	0.00		101	Mat	Bulk
23-11-19	81623	23.28	11.75	20.84		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (SOM) SOMERSET KY 42502								
26-00-26	81624	24.07 *	0.00	29.48		100	CM	Bulk
26-00-26	81629	25.27	0.00	26.34		99	CM	Bulk
30-07-05	81621	29.80	7.76	15.94		117	CM	Bulk
34-00-00	80685	34.21	0.00	0.00		101	Mat	Bulk
34-00-00	80793	33.57	0.00	0.00		99	Mat	Bulk
34-00-00	80805	34.15	0.00	0.00		100	Mat	Bulk
34-00-00	80811	34.22	0.00	0.00		101	Mat	Bulk
34-00-00	80860	33.49	0.00	0.00		98	Mat	Bulk
34-00-00	80875	33.60	0.00	0.00		99	Mat	Bulk
34-00-00	80880	34.25	0.00	0.00		101	Mat	Bulk
34-00-00	80883	34.09	0.00	0.00		100	Mat	Bulk
34-00-00	80888	34.05	0.00	0.00		100	Mat	Bulk
34-00-00	80898	34.24	0.00	0.00		101	Mat	Bulk
34-00-00	80934	33.32	0.00	0.00		98	Mat	Bulk
34-00-00	80974	33.85	0.00	0.00		100	Mat	Bulk
34-00-00	81315	33.46	0.00	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 13								
Average Analysis :		33.88	0.00	0.00		99.7		
CV, %		1.03	0	0				
46-00-00	80684	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	80791	46.10	0.00	0.00		100	Mat	Bulk
46-00-00	80802	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	80813	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	80857	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	80876	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	80878	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	80882	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	80887	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	80897	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	80932	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	80970	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	81311	45.77	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 13								
Average Analysis :		46.05	0.00	0.00		100.1		
CV, %		0.33	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.01	103.34	105.17				
ALL SAMPLES,CV %		9.77	7.91	25.83				
NUMBER OF ANALYSIS		93	67	67				
Deficiency Rate = 8.18 %								

WARNER FERT CO. (STANF) STANFORD KY 40484								
06-15-40	82407	6.40	15.82	38.10 *		100	CM	Bulk
09-23-23	82406	9.71	23.68	22.62		100	CM	Bulk
19-11-26	82408	18.25	11.79	26.90		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (STANF) STANFORD KY 40484								

WARNER FERT CO. (TOMPK) TOMPKINSVILLE KY 42167								
05-14-40	81310	5.59	13.71	41.24		98	CM	Bulk
12-12-12	81316	14.54	14.27	14.54		113	CM	Bulk
19-19-19	81308	19.11	19.25	19.95		100	CM	Bulk
19-19-19	81309	18.78	20.30	19.92		102	CM	Bulk
27-13-13	81307	26.82	14.43	14.03		102	CM	Bulk
27-13-13	81317	26.81	14.87	13.62		102	CM	Bulk
27-13-13	81318	26.61	13.80	14.52		100	CM	Bulk
27-13-13	81319	27.16	15.63	12.77		104	CM	Bulk
27-13-13	81321	27.31	13.51	12.79		99	CM	Bulk
Statistical Analysis for Grade : 27-13-13								
Number of Samples This Grade : 5								
Average Analysis :		26.94	14.45	13.55		101.3		
CV, %		1.06	5.87	5.67				
35-14-00	81320	34.87	15.47	0.00		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.98	104.40	102.15				
ALL SAMPLES,CV %		4.78	6.06	6.33				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								

WATERWAY AG INC. METROPOLIS IL 62960								
34-00-00	81080	33.13	0.00	0.00		99	Mat	Bulk

WINFIELD SOLUTIONS LLC ST. PAUL MN 55164								
10-10-10	80910	9.76	10.00	9.90		99	Blend	Bag
10-10-10	82614	10.22	9.88	9.60		99	Blend	Bag
12-12-12	80908	14.25	12.85	13.79		113	Blend	Bag
12-12-12	80909	12.29	11.50	13.14		101	Blend	Bag
12-12-12	81401	12.03	12.17	11.28		100	Blend	Bag
12-12-12	82613	12.09	11.67	12.65		100	Blend	Bag
12-12-12	82641	12.64	12.68	11.32		103	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade : 5								
Average Analysis :		12.66	12.17	12.44		103.3		
CV, %		7.27	4.9	8.95				

WOLF TRAX WINNIPEG MB R3T 6E3								
00-00-00	81381+	0.00	0.00	0.00			Mat	Bag
00-00-00	82540+	0.00	0.00	0.00			Mat	Bag

WOODFORD FEED CO. VERSAILLES KY 40383								
00-00-50	82668	0.00	0.00	51.38		103	Mat	Bulk
00-00-60	82669	0.00	0.00	60.11		100	Mat	Bulk
10-10-10	82672	10.47	9.53	10.76		99	CM	Bulk
18-46-00	82671	17.99	45.89	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WOODFORD FEED CO.		VERSAILLES KY	40383					
33-00-00	82670	33.71	0.00	0.00		102	Mat	Bulk

YARA NORTH AMERICA		TAMPA FL	33602					
16-00-00	81512+	15.31	0.00	0.00		99	Mat	Bag
16-00-00	81718+	15.52	0.00	0.00		100	Mat	Bag

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

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AG/GRO FERTILIZER CO. (HILL ST		WINCHESTER			
			KY		
	81508	27-00-00	Ca	04.00	08.59
			Mg	01.00	00.12*
	82872	27-00-00	Ca	04.00	06.34
			Mg	01.00	00.91
AGRIENERGY RESOURCES		PRINCETON			
			IL		
	82899	00-00-00	Ca	05.00	05.63
	82892	00-00-04	SO4	02.00	01.90
	82893	02-00-00	Ca	02.00	04.67
			B	00.20	00.32
	82897	02-00-01	B	00.15	00.20
	82894	02-10-10	B	00.04	00.07
AGRILIANCE, LLC/WINFIELD SOLUT		ST. PAUL			
			MN		
	81470	23-03-07	Fe	02.00	02.14
	80180	24-04-16	Fe	02.00	02.54
AGRIUM ADVANCED TECHNOLOGIES U		REESE			
			MI		
	80782	00-00-00	Mg	14.00	14.55
			SO4	05.00	07.20
			B	01.00	00.92
			Zn	05.00	06.16
	81720	00-00-00	SO4	07.00	10.99
			Zn	36.00	35.42
	82661	00-00-00	SO4	07.00	11.28
			Zn	36.00	35.88
	81663	02-00-00	SO4	14.00	14.09
			Zn	20.00	24.11
	82596	02-00-00	SO4	14.00	13.84
			Zn	20.00	22.34
AGRIUM U.S. INC. (DENV)		DENVER			
			CO		
	80559	05-08-21	Mg	01.00	01.35
			SO4	10.00	09.04*
			B	00.35	00.30
			Fe	00.10	00.51
			Zn	01.40	01.49
	80682	06-12-18	B	00.05	00.06
			Fe	00.25	00.37
			Zn	00.05	00.09
	80783	13-13-13	Mg	01.00	01.52
			SO4	09.00	12.17
			B	00.05	00.07
			Mn	00.20	00.23
			Zn	00.20	00.29
	81831	13-13-13	SO4	07.00	11.55
			Fe	00.10	00.26

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AGRIUM U.S. INC. (DENV)		DENVER	CO		
	80116	44-00-00	CSRN	40.00	44.08
	80123	44-00-00	CSRN	40.00	43.89
	80193	44-00-00	CSRN	40.00	43.19
	80376	44-00-00	CSRN	40.00	44.76
	80489	44-00-00	CSRN	40.00	43.60
	80585	44-00-00	CSRN	44.00	43.75
	80636	44-00-00	CSRN	42.00	44.41
	80678	44-00-00	CSRN	40.00	44.47
	80929	44-00-00	CSRN	40.00	43.83
	81549	44-00-00	CSRN	40.00	43.36
	81595	44-00-00	CSRN	40.00	44.48
	81853	44-00-00	CSRN	40.00	44.41
	81863	44-00-00	CSRN	40.00	44.34
	82569	44-00-00	CSRN	40.00	43.55
	82677	44-00-00	CSRN	40.00	44.59
AGRO CULTURE LIQUID FERT.		ST. JOHNS	MI		
	82709	08-22-02	Cu	00.01	00.01
			Fe	00.12	00.21
			Mn	00.08	00.06*
			Zn	00.10	00.14
	82710	08-22-02	Fe	00.12	00.20
			Mn	00.08	00.11
			Zn	00.10	00.24
	82711	08-22-02	Cu	00.01	00.02
			Fe	00.12	00.21
			Mn	00.08	00.08
			Zn	00.10	00.17
	82422	24-00-00	SO4	01.00	00.64*
BICKETT AGRI CTR.		CENTRAL CITY	KY		
	82413	08-21-27	Zn	00.19	00.18
	82414	08-21-27	Zn	00.19	00.16
	82417	08-22-29	Zn	00.08	00.14
CAMERON CHEMICALS, INC.		PORTSMOUTH	VA		
	80316	00-00-00	SO4	05.00	05.09
			B	01.00	01.16
			Cu	01.00	01.29
			Mn	05.00	06.35
			Zn	20.00	23.66
	81858	00-00-00	Mg	14.00	16.28
			SO4	05.00	04.84
			B	01.00	00.78*
			Zn	05.00	08.40
CAMPBELLSVILLE CROP SVC.		CAMPBELLSVILLE	KY		
	82139	26-11-15	Zn	00.27	00.20*

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CHEMSICO, DIV OF UNITED INDUST		ST. LOUIS	MO		
	80902	10-52-10	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.16
			Mn	00.05	00.04
	81770	10-52-10	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.15
			Mn	00.05	00.04
	80949	15-30-15	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.10	00.11
	81350	17-17-17	CSRN	15.30	18.45
			CSRP	15.30	18.34
			CSRK	15.30	16.22
	81351	19-06-12	CSRN	17.10	19.73
			CSRP	05.40	06.60
			CSRK	10.80	12.85
	80847	24-08-16	WIN	02.70	03.12
			Cu	00.07	00.07
			Fe	00.15	00.15
			Mo	00.0005	00.0004
			Zn	00.06	00.05
	80901	24-08-16	WIN	02.70	02.98
			Cu	00.07	00.07
			Fe	00.15	00.16
			Mo	00.0005	00.0004
			Zn	00.06	00.06
	81769	24-08-16	WIN	02.70	02.45
			Cu	00.07	00.07
			Fe	00.15	00.15
			Mo	00.0005	00.0004
			Zn	00.06	00.06
	80028	29-03-04	Fe	00.10	01.28
	80043	29-03-04	Fe	00.10	01.55
	80107	29-03-04	Fe	01.00	01.52
CLEMENTS AG SUPP.		SPRINGFIELD	KY		
	81913	33-00-00	SO4	12.00	12.08
CNI AGRIMINERALS, LLC		ALBANY	GA		
	80758	00-00-00	Zn	36.00	32.65*
	81150	00-00-00	Zn	36.00	38.64
CROP PRODUCTION SVC INC (FANC)		FANCY FARM	KY		
	82607	19-12-15	SO4	02.18	08.15
	82257	24-09-12	SO4	05.00	05.85

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC INC (GAL)		GALESBURG	IL		
	80778	00-00-22	Mg	11.00	10.88
			SO4	22.00	21.52
	81830	00-00-22	Mg	10.80	11.80
			SO4	22.00	22.80
	81551	24-00-01	SO4	00.60	00.33*
			B	00.25	00.25
	81860	24-00-01	SO4	00.60	00.32*
			B	00.25	00.25
	82571	24-00-01	SO4	01.00	00.50*
			B	00.25	00.25
CROP PRODUCTION SVC INC (HOR)		HORSECAVE	KY		
	81262	06-16-37	B	00.23	00.25
CROP PRODUCTION SVC INC (MOR)		MORGANFIELD	KY		
	80507	08-21-28	B	00.05	00.05
			Zn	01.18	01.01*
	80508	08-21-28	B	00.05	00.06
			Zn	01.18	00.93*
CROP PRODUCTION SVC INC (PEM)		PEMBROKE	KY		
	81179	10-25-25	Mg	01.48	01.74
	81181	10-25-25	Mg	01.48	01.74
CROP PRODUCTION SVC INC (RUS)		RUSSELLVILLE	KY		
	81778	09-24-21	Mg	01.93	02.64
			B	00.11	00.21
			Zn	00.55	01.23
	81781	10-25-16	Mg	02.55	03.45
			B	00.15	00.23
			Zn	00.73	01.70
CROP PRODUCTION SVC INC (SED)		SEDALIA	KY		
	81827	06-15-31	Mg	02.40	02.73
			SO4	04.89	05.55
	81832	06-16-31	Mg	01.96	02.26
			SO4	04.00	04.65
	81833	07-18-28	Mg	02.16	02.58
			SO4	04.40	05.18
	81826	07-18-30	Mg	01.44	01.70
			SO4	02.93	03.58
DRAMM CORPORATION		MANITOWOC	WI		
	82895	02-05-00	WIN	00.30	00.15

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
DREXEL CHEMICAL CO.		MEMPHIS			
			TN		
	81168	00-00-00	B	15.00	14.81
	81443	00-00-00	B	15.00	14.20
EASY GARDNER		WACO			
			TX		
	80026	02-07-04	WIN	02.00	03.75
	80922	05-05-05	WIN	02.23	03.92
	81176	05-05-05	WIN	02.23	02.81
	80948	08-24-08	WIN	01.30	03.85
ENVIRO-SAFE LABS, INC		SARASOTA			
			FL		
	80919	10-02-08	Ca	01.80	02.33
			SO4	03.00	03.44
	80925	10-02-08	Ca	01.80	03.44
			SO4	03.00	02.95
	80918	16-02-14	Mg	02.41	02.84
			SO4	02.94	06.31
			Cu	00.05	00.03*
			Fe	00.47	00.65
			Mn	00.23	00.24
			Zn	00.05	00.05
	80924	16-02-14	Mg	02.00	02.83
			SO4	02.94	06.06
			Cu	00.02	00.03
			Fe	00.13	00.80
			Mn	00.23	00.32
			Zn	00.05	00.07
	80153	18-06-08	Mg	01.20	01.94
			B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.20	00.40
			Mn	00.06	00.11
			Mo	00.0200	00.0238
	80436	18-06-08	Mg	01.20	01.78
			B	00.02	00.03
			Cu	00.05	00.06
		Fe	00.20	00.38	
		Mn	00.06	00.12	
		Mo	00.0200	00.0241	
ESPOMA CO.		MILLVILLE			
			NJ		
	81685	04-03-03	WIN	03.40	02.49*
			Ca	04.00	05.10
			Mg	01.00	01.53
			SO4	02.00	02.53
	81763	04-03-03	WIN	03.40	02.36*
		Ca	04.00	04.28	
		Mg	01.00	00.66*	
		SO4	02.00	00.82*	

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ESPOMA CO.		MILLVILLE	NJ		
	82557	04-03-03	WIN	03.40	03.03
			Ca	04.00	05.06
			Mg	02.00	01.42*
			SO4	02.00	02.20
	82615	04-03-03	WIN	03.40	02.85*
			Ca	04.00	04.43
			Mg	01.00	01.14
			SO4	02.00	01.71
	80056	04-06-04	WIN	01.55	00.30*
			Ca	03.00	03.12
			Mg	00.50	01.11
			SO4	05.00	05.33
			B	00.02	00.01*
			Cu	00.05	00.03*
			Fe	01.00	00.43*
			Mn	00.05	00.03*
			Mo	00.0005	00.0008
			Zn	00.05	00.06
	82620	04-06-04	WIN	01.55	01.68
			Ca	03.00	03.18
			Mg	00.50	01.24
			SO4	05.00	04.05*
			B	00.02	00.01*
			Cu	00.05	00.03*
			Fe	01.00	00.81*
			Mn	00.05	00.03*
			Mo	00.0050	00.0010*
			Zn	00.05	00.04*
	80037	04-10-06	WIN	02.60	01.99*
			Ca	03.00	06.25
			Mg	00.50	01.06
			SO4	05.00	06.83
			B	00.02	00.00*
			Cu	00.05	00.01*
			Fe	01.00	00.46*
			Mn	00.05	00.02*
			Mo	00.0005	00.0007
			Zn	00.05	00.03*
	80036	05-03-03	WIN	04.00	02.90*
			Ca	03.00	05.31
			Mg	00.50	01.27
			SO4	01.00	02.45
			B	00.02	00.01*
			Cu	00.05	00.03*
			Fe	01.00	01.09
			Mn	00.05	00.04*
			Mo	00.0005	00.0049
			Zn	00.05	00.08
FRANKLIN CROP SVC.		FRANKLIN	KY		
	80941	05-14-38	B	00.32	00.31

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
FREE FLOW FERTILIZER CO.		MAUMEE			OH
	80417	24-03-12	Fe	01.00	00.98
	81728	24-04-16	WIN	04.20	03.56*
			SO4	05.44	07.22
			Cu	00.10	00.11
			Fe	01.00	01.38
			Mn	00.10	00.46
			Zn	00.10	00.16
FRIT INDUSTRIES		OZARK			AL
	81747	00-00-00	Zn	36.00	35.30
GREEN LIGHT		SAN ANTONIO			TX
	80078	12-55-06	Fe	00.10	00.11
	82558	12-55-06	Fe	00.10	00.12
GREENLEAF PLANT FOOD		DANVILLE			KY
	82821	04-00-28	SO4	05.71	06.12
			B	00.49	00.43
	82819	20-00-16	SO4	06.40	08.08
	82820	20-00-16	SO4	06.40	08.23
	82822	20-00-16	SO4	06.40	08.76
	82823	20-00-16	SO4	06.40	08.45
	82824	20-00-16	SO4	06.40	09.01
	82825	20-00-16	SO4	06.40	08.40
	82583	21-00-10	Mg	00.77	02.33
			SO4	01.54	03.66
GREENVIEW DIV- LEBANON SEABOAR		LEBANON			PA
	80161	10-16-20	Mg	01.00	02.18
			SO4	02.00	06.36
			Fe	01.00	01.86
			Mn	00.50	00.38*
GRIFFIN INDUSTRIES INC.		COLD SPRING			KY
	80830	05-05-05	WIN	04.50	04.73
			Ca	05.00	05.25
			Mg	01.50	03.17
			SO4	04.00	05.59
	80820	05-06-06	WIN	04.50	05.30
			Ca	07.00	07.79
			Mg	01.50	02.91
			SO4	04.00	05.26
	82848	05-06-06	WIN	04.50	05.66
			Ca	07.00	06.62
			Mg	01.50	03.11
			SO4	04.00	05.82

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRIFFIN INDUSTRIES INC.		COLD SPRING	KY		
	80828	07-12-00	WIN	05.90	07.28
			Ca	10.00	12.58
	80001	08-03-05	WIN	07.20	07.00
			Ca	03.00	03.41
			Mg	02.20	02.63
			SO4	04.00	05.32
	80006	08-03-05	WIN	07.20	07.24
			Ca	03.00	02.97
			Mg	02.20	02.73
			SO4	04.00	05.40
	80541	08-03-05	WIN	07.20	07.74
			Ca	03.00	03.24
			Mg	02.20	02.02
			SO4	04.00	04.03
			Fe	00.10	00.07*
	80822	08-03-05	WIN	07.20	08.29
			Ca	03.00	04.37
			Mg	02.20	02.59
			SO4	04.00	04.27
	82844	08-03-05	WIN	07.20	09.42
			Ca	03.00	02.45*
			Mg	02.20	02.28
			SO4	04.00	04.17
	80003	08-05-05	WIN	06.10	07.24
			Ca	04.50	03.76*
			SO4	01.00	01.69
	80533	08-05-05	WIN	06.10	08.07
			Ca	04.50	06.84
			SO4	01.00	02.12
	80824	08-05-05	WIN	06.80	08.21
			Ca	04.50	05.71
			SO4	01.00	01.73
	82846	08-05-05	WIN	06.80	07.48
			Ca	04.50	06.32
			SO4	01.00	01.73
	80831	08-10-02	WIN	06.90	07.84
			Ca	08.00	12.06
	80538	09-00-09	WIN	08.00	08.65
			SO4	03.00	03.59
	80002	10-02-08	SO4	03.00	03.58
	80534	10-02-08	WIN	09.00	08.97
			Ca	01.80	03.92
			SO4	03.00	02.81
	80826	10-02-08	WIN	09.00	10.21
			Ca	01.80	02.23
	82845	10-02-08	WIN	09.00	09.58
			Ca	01.80	02.28
			SO4	03.00	02.95
	80537	10-03-10	WIN	04.77	05.98
			Ca	05.00	06.13
			SO4	05.00	04.67
			Fe	01.00	00.30*
			Mn	00.50	00.14*

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRIFFIN INDUSTRIES INC.		COLD SPRING	KY		
	80004	12-02-06	WIN	05.60	05.88
			Ca	02.00	02.38
			SO4	08.00	08.51
	80540	12-02-06	WIN	05.60	05.57
			Ca	02.00	02.64
			SO4	08.00	08.40
	80821	12-02-06	WIN	05.60	06.46
			Ca	02.00	03.42
			SO4	08.00	07.51
	82850	12-02-06	WIN	05.60	05.92
			Ca	02.00	02.51
			SO4	08.00	08.94
	80005	13-00-00	WIN	12.04	13.30
			SO4	01.25	01.99
	80535	13-00-00	WIN	12.04	11.35
			SO4	01.25	01.75
	82847	13-00-00	WIN	12.04	12.74
			SO4	01.25	01.94
	80008	15-02-08	WIN	09.20	08.68
			Ca	02.00	01.81
			SO4	03.00	02.93
	80539	15-02-08	WIN	09.20	09.63
			Ca	02.00	01.79
			SO4	03.00	02.83
	80825	15-02-08	WIN	09.20	10.37
			Ca	02.00	02.78
			SO4	03.00	02.73
	82851	15-02-08	WIN	09.20	10.71
			Ca	02.00	01.86
			SO4	03.00	03.30
	80007	21-03-07	WIN	02.10	03.81
			Ca	04.20	03.05*
			SO4	02.00	02.93
	80542	21-03-07	WIN	02.10	04.80
			Ca	04.20	03.51*
			SO4	02.00	02.28
	80829	21-03-07	WIN	02.10	04.67
			Ca	04.20	04.54
			SO4	02.00	02.34
	82849	21-03-07	WIN	02.10	03.65
			Ca	04.20	03.65*
			SO4	02.00	02.85
GRIFFIN BROTHERS		ALBION	ID		
	81727	10-02-04	WIN	08.90	08.17
			Ca	04.00	02.76*
			SO4	02.00	01.72
	81731	16-04-08	WIN	03.00	01.10*
			Ca	06.00	08.66
			SO4	06.00	04.81*
			Fe	03.00	03.70
			Mn	00.20	00.34
			Zn	00.10	00.30

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRO TEC INC.		MADISON	GA		
	80030	12-10-10	SO4	09.00	09.91
			B	00.02	00.01*
			Fe	02.00	02.45
			Mn	00.10	00.11
			Mo	00.0005	00.0010
			Zn	00.10	00.08*
	80446	12-10-10	Mo	00.0005	00.0005
			Zn	00.10	00.00*
	82314	12-10-10	SO4	09.00	09.70
			B	00.02	00.00*
			Fe	02.00	02.48
			Mn	00.10	00.02*
			Mo	00.0005	00.0005
			Zn	00.10	00.26
	80058	18-24-06	B	00.02	00.02
			Cu	00.05	00.06
			Fe	00.25	02.27
			Mn	00.10	00.16
			Mo	00.0005	00.0006
			Zn	00.10	00.30
	80404	18-24-06	B	00.02	00.02
			Cu	00.05	00.02*
			Fe	00.25	01.99
			Mn	00.10	00.28
			Mo	00.0005	00.0005
			Zn	00.10	00.15
	80429	18-24-06	B	00.02	00.03
			Cu	00.05	00.05
			Fe	00.25	01.61
			Mn	00.10	00.09
			Mo	00.0005	00.0007
			Zn	00.10	00.13
	80438	18-24-06	B	00.02	00.05
			Cu	00.05	00.06
			Fe	00.25	01.74
			Mn	00.10	00.18
			Mo	00.0005	00.0016
			Zn	00.10	00.45
	80955	18-24-06	B	00.02	00.02
			Cu	00.05	00.01*
	81687	18-24-06	B	00.02	00.02
			Cu	00.05	00.01*
			Fe	00.25	01.07
			Mn	00.10	00.05*
			Mo	00.0005	00.0008
			Zn	00.10	00.08*
	81772	18-24-06	B	00.02	00.03
			Cu	00.05	00.04
			Fe	00.25	01.49
			Mn	00.10	00.09
			Mo	00.0005	00.0007
			Zn	00.10	00.17

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRO TEC INC.		MADISON	GA		
	82072	18-24-06	B Cu	00.02 00.05	00.03 00.03*
HELENA CHEMICAL CO.		HICKMAN	KY		
	82044	10-20-26	SO4	03.00	03.79
	82045	10-20-26	SO4	03.00	03.55
	82040	19-10-15	SO4	02.50	03.39
	82041	19-10-15	SO4	02.50	02.91
	82042	19-10-15	SO4	02.50	03.07
	82043	19-10-15	SO4	02.50	02.88
	82050	19-10-15	SO4	02.50	02.86
	82049	21-08-13	SO4 Zn	02.33 00.08	02.95 00.09
HELENA CHEMICAL COMPANY		COLLIERVILLE	TN		
	81598	00-00-00	SO4 Zn	04.50 10.00	04.72 11.15
	82497	01-00-00	Zn	40.00	40.54
	82498	01-00-00	Zn	40.00	39.64
	82499	11-08-05	B Cu Fe Mn Mo Zn	00.02 00.05 00.10 00.05 00.0005 00.05	00.02 00.06 00.10 00.05 00.0005 00.05
	82500	11-08-05	B Cu Fe Mn Mo Zn	00.02 00.05 00.10 00.05 00.0005 00.05	00.02 00.05 00.10 00.05 00.0005 00.05
	82047	21-00-00	SO4	24.00	24.42
HENRY FARMERS COOP		MURRAY	KY		
	81245	08-22-28	Mg	00.25	00.54
	81248	09-12-32	Mg Zn	00.78 00.09	01.12 00.08
	81249	09-12-32	Mg Zn	00.78 00.09	01.03 00.10
HONEYWELL		HOPEWELL	VA		
	80532	21-00-00	SO4	24.00	24.33
HYDROLYSATE COMPANY OF AMERICA		ISOLA	MS		
	80214	02-03-01	WIN	00.30	00.17

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
HYDROLYSATE COMPANY OF AMERICA		ISOLA	MS		
	80917	02-03-01	WIN	00.30	00.10
KNOX FERTILIZER CO., INC.		KNOX	IN		
	80703	25-00-12	Fe SO4	02.00 02.00	02.11 02.62
LEBANON SEABOARD CORP		LEBANON	PA		
	81725	20-04-10	WIN Fe	04.80 00.50	03.73* 00.92
	81730	24-04-12	WIN Mg SO4 Fe	11.80 00.80 04.10 00.40	11.97 01.18 05.54 00.73
LESCO INC.		CLEVELAND	OH		
	80094	05-10-31	Fe	10.00	11.03
	80102	05-10-31	Fe	10.00	14.63
	80093	18-24-12	SO4	02.15	03.07
	80105	18-24-12	SO4	02.15	03.24
	80256	21-04-11	SO4 Mn	03.95 00.70	04.80 00.81
	80095	24-00-11	Fe	02.00	03.64
	80106	24-00-11	Fe Mn	02.00 01.00	02.65 00.66*
	82593	24-00-11	Fe Mn	02.00 01.00	02.77 00.91
	81692	24-02-11	Fe	03.00	01.42*
	80103	32-03-08	Fe	02.00	02.42
LOUISVILLE & JEFFERSON CTY MSD		LOUISVILLE	KY		
	82604	05-03-00	WIN	04.50	04.57
	82610	05-03-00	WIN Ca Fe Mo Zn	04.50 02.00 00.70 00.0001 00.05	04.99 02.93 00.93 00.0013 00.05
	82612	05-03-00	WIN Ca Fe Mo Zn	04.50 02.00 00.70 00.0010 00.05	04.37 03.48 01.38 00.0013 00.06
	82815	05-03-00	WIN	04.50	05.27
MARTIN MARIETTA		MANISTEE	MI		
	81147	00-00-00	Mg	58.00	58.98

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MARTIN MARIETTA		MANISTEE	MI		
	81380	00-00-00	Mg	58.00	60.62
MARTIN RESOURCES		KILGORE	TX		
	81382	00-00-00	S	90.00	92.38
	81596	00-00-00	S	90.00	92.06
MAYSLICK MILL		MAYSLICK	KY		
	81507	01-04-48	B	00.83	00.72
MEIJER (GRAND)		GRAND RAPIDS	MI		
	80038	15-30-15	Cu	00.05	00.05
			Fe	00.10	00.15
			Mn	00.05	00.06
			Zn	00.05	00.05
	80070	15-30-15	Cu	00.05	00.06
			Fe	00.10	00.14
			Mn	00.05	00.06
			Zn	00.05	00.07
	80071	18-24-16	Cu	00.05	00.05
			Fe	00.10	00.13
			Mn	00.05	00.06
			Zn	00.05	00.06
MILES FARM CENTER (CYN)		CYNTHIANA	KY		
	82595	32-00-00	Zn	00.65	00.70
	82597	32-00-00	Zn	00.65	00.90
MILES FARM CENTER (EKR)		EKRON	KY		
	82453	03-16-23	B	00.82	00.70
MILES FARM CENTER (SAC)		SACRAMENTO	KY		
	82696	05-14-28	SO4	00.30	01.02
			Zn	00.43	00.43
MILES FARM CENTER (SHEL)		SHELBYVILLE	KY		
	82650	00-10-30	B	01.00	00.67*
	81758	15-04-34	B	00.38	00.33
	80624	42-00-00	CSRN	42.00	41.71
MILES FARM SUPPLY (OWEN)		OWENSBORO	KY		
	80717	00-00-00	Mg	05.00	03.85*
			B	00.25	00.33
			Cu	00.25	01.24
			Zn	15.00	13.39*

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MILES FARM SUPPLY (OWEN)		OWENSBORO	KY		
	80718	00-00-00	S	90.00	91.60
	80723	00-00-00	S	90.00	92.44
	81060	00-00-00	Mg	05.00	06.36
			B	00.25	00.23
			Cu	00.25	00.31
			Zn	15.00	17.26
	82125	05-08-21	Mg	01.00	01.39
			SO4	09.00	08.69
			B	00.35	00.29*
			Fe	00.10	00.46
			Zn	01.40	01.42
	80560	08-21-29	B	00.03	00.04
			Zn	00.35	00.37
	80561	08-21-29	B	00.03	00.04
			Zn	00.35	00.35
	80562	08-21-29	B	00.03	00.04
			Zn	00.35	00.37
	81852	31-06-09	Mg	00.21	00.71
			B	00.01	00.03
			Cu	00.01	00.02
			Zn	00.64	00.66
MILES FARM SUPPLY (UPT)		UPTON	KY		
	81272	00-00-38	Mg	05.21	05.42
			SO4	10.43	11.31
			B	00.52	00.45
MILLER CHEMICAL & FERT.		HANOVER	PA		
	81677	09-15-30	SO4	05.40	05.81
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.10
			Mn	00.05	00.05
			Mo	00.0005	00.0017
	81676	20-20-20	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.09
			Mn	00.05	00.05
			Mo	00.0005	00.0016
			Zn	00.05	00.05
NATURE'S PERFECT BLEND		DACULA	GA		
	80025	04-06-04	WIN	03.20	02.06*
NORTH PACIFIC		PORTLAND	OR		
	82843	09-03-07	WIN	08.10	09.40

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
POORE, C D FERTILIZER		ALBANY			KY
	81664	16-17-16	SO4	05.45	06.64
	80772	21-00-00	SO4	24.00	24.42
	82629	29-00-06	Zn	01.16	01.50
QUALITY BORATE COMPANY		CLEVELAND			OH
	81511	00-00-00	B	10.00	09.71
ROGERS FERTILIZER & SERVICES		LEBANON			KY
	81669	08-22-29	Zn	00.18	00.21
	82146	08-22-29	Zn	00.95	00.89
	81670	10-25-25	Zn	00.31	00.37
	81672	21-00-00	SO4	24.00	24.59
	82149	26-07-10	SO4	06.00	06.29
	81671	26-08-10	SO4	06.00	05.70
RUSSELLVILLE CROP SERVICE		RUSSELLVILLE			KY
	81866	09-24-21	Mg	00.38	01.17
			B	00.03	00.04
			Cu	00.03	00.04
			Zn	01.42	01.64
SCHULTZ CO.		BRIDGETON			MO
	80033	05-03-03	WIN	03.50	02.01*
			Ca	09.00	08.28*
			Mg	00.50	00.81
			Fe	00.20	00.42
	81175	05-03-03	WIN	01.50	02.18
			Ca	09.00	08.13*
			Mg	00.50	00.78
			Fe	00.20	00.42
	80265	08-14-09	Fe	00.10	00.12
			Mn	00.05	00.05
			Zn	00.05	00.06
	80914	10-12-12	SO4	02.80	04.04
			B	00.02	00.03
			Cu	00.05	00.10
			Fe	01.00	02.13
	80084	10-15-10	Fe	00.10	00.09
			Mn	00.05	00.04*
			Zn	00.05	00.04*
	81049	12-02-04	WIN	02.50	02.04*
			Ca	02.00	07.91
	81174	12-02-04	WIN	02.50	02.24
			Ca	02.00	04.25
	80912	12-08-10	B	00.02	00.03
			Cu	00.07	00.09
			Fe	01.17	01.86
			Mn	00.07	00.11
			Mo	00.0005	00.0011
			Zn	00.07	00.23
			SO4	02.10	02.95

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCHULTZ CO.		BRIDGETON	MO		
	80913	16-12-12	SO4	02.10	02.99
			B	00.02	00.03
			Cu	00.07	00.07
			Fe	00.70	01.63
			Mn	00.07	00.08
			Mo	00.0005	00.0020
			Zn	00.07	00.27
	80083	19-31-17	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.13
			Mn	00.05	00.04
			Mo	00.0005	00.0005
			Zn	00.05	00.05
SCOTTS MIRACLE-GRO PRODUCTS, I		MARYSVILLE	OH		
	80077	06-09-00	WIN	06.00	05.61
	80266	06-12-06	WIN	02.17	02.45
			Mg	00.50	00.93
			SO4	02.00	03.35
			B	00.02	00.02
			Cu	00.05	00.06
			Fe	00.15	00.37
			Mn	00.05	00.07
			Zn	00.05	00.06
	80023	08-07-06	Fe	00.10	00.12
	80259	10-10-10	SO4	04.00	10.09
			CSRN	07.00	11.10
			CSRP	07.00	11.37
			CSRK	07.00	11.66
	80952	10-10-10	CSRP	07.00	10.75
			CSRK	07.00	11.45
	82639	10-10-10	SO4	04.00	09.06
			CSRN	07.00	10.76
			CSRP	07.00	10.87
			CSRK	07.00	11.65
	80250	10-16-10	SO4	04.00	07.67
			CSRN	07.00	10.54
			CSRP	11.00	17.03
			CSRK	07.00	10.99
	82617	10-16-10	SO4	04.00	07.69
			CSRN	07.00	10.26
			CSRP	11.00	17.26
			CSRK	07.00	10.77
	80135	12-04-08	Mn	00.05	00.05
			Zn	00.05	00.06
	80431	15-05-10	SO4	16.00	17.00
			Fe	00.10	00.31
			Mn	00.05	00.07
	80128	15-30-15	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.20
			Mn	00.05	00.05
			Mo	00.0005	00.0005
			Zn	00.06	00.07

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCOTTS MIRACLE-GRO PRODUCTS, I		MARYSVILLE	OH		
	81220	24-08-16	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.21
			Mn	00.05	00.05
			Mo	00.0005	00.0009
			Zn	00.06	00.06
	80136	30-10-10	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.33	00.38
			Mn	00.05	00.06
			Mo	00.0005	00.0008
			Zn	00.07	00.08
SCOTTS SIERRA		MARYSVILLE	OH		
	80260	19-06-12	CSRN	16.00	19.25
			CSRP	05.00	06.74
			CSRK	10.00	12.74
	81136	19-06-12	CSRN	16.00	19.49
			CSRP	05.00	07.23
			CSRK	10.00	12.31
	82074	19-06-12	CSRN	16.00	19.92
			CSRP	05.00	06.92
			CSRK	10.00	11.71
	82640	19-06-12	CSRN	16.00	19.07
			CSRP	05.00	07.17
			CSRK	10.00	13.04
SECURITY SEED & CHEMICAL CO.		HOPKINSVILLE	KY		
	82803	05-13-04	Cu	00.01	00.01
			Fe	00.02	00.16
			Mn	00.06	00.06
			Zn	00.09	00.12
	82477	19-06-02	Fe	00.01	00.08
			Mn	00.02	00.02
			Zn	00.03	00.04
SECURITY SEED AND CHEMICAL		MURRAY	KY		
	82250	06-13-04	Cu	00.01	00.01
			Fe	00.01	00.14
			Mn	00.03	00.03
			Zn	00.04	00.05
	82251	06-13-04	SO4	00.22	00.61
			Cu	00.01	00.01
			Fe	00.01	00.15
			Mn	00.03	00.03
			Zn	00.04	00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SECURITY SEED/CHEMICAL		CLARKSVILLE	TN		
	82552	32-00-00	SO4	00.09	00.08*
SPECTRUM GROUP		ST. LOUIS	MO		
	80034	02-05-02	Fe	00.10	00.09
			Mn	00.05	00.04
			Zn	00.05	00.05
	80073	10-08-08	Mg	01.50	02.72
			SO4	05.00	06.18
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	01.60	02.52
			Mn	00.05	00.07
			Mo	00.0005	00.0236
			Zn	00.05	00.18
	81224	10-10-10	Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
	80428	12-04-08	B	00.02	00.03
			Cu	00.05	00.07
			Fe	01.00	01.36
			Mn	00.05	00.08
			Mo	00.0005	00.0009
			Zn	00.05	00.22
	80150	12-05-07	B	00.02	00.03
			Cu	00.05	00.13
			Fe	00.10	02.75
			Mn	00.05	00.24
			Mo	00.0005	00.0016
			Zn	00.05	00.59
	81464	12-05-07	B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.10	01.80
			Mn	00.05	00.17
			Mo	00.0005	00.0022
			Zn	00.05	00.20
	81688	12-05-07	WIN	02.10	02.97
			Ca	03.00	04.53
			SO4	03.00	10.04
			B	00.02	00.02
			Cu	00.05	00.09
			Fe	00.10	00.93
			Mn	00.05	00.12
			Mo	00.0005	00.0003
			Zn	00.05	00.35
	81465	12-05-08	WIN	02.10	02.82
			SO4	03.00	10.17
			B	00.02	00.04
			Cu	00.05	00.12
			Fe	00.10	00.55
			Mn	00.05	00.11
			Mo	00.0005	00.0005
			Zn	00.05	00.30

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPECTRUM GROUP		ST. LOUIS	MO		
	80049	12-06-10	Mg	01.10	01.57
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.85	01.34
			Mn	00.05	00.07
			Mo	00.0005	00.0024
			Zn	00.05	00.19
	82560	12-10-05	Mg	01.50	03.11
			SO4	05.00	06.71
			B	00.02	00.03
			Fe	01.00	02.00
			Mn	00.05	00.11
			Mo	00.0005	00.0022
			Zn	00.05	00.25
	82638	14-07-07	B	00.02	00.03
			Cu	00.05	00.08
			Fe	01.00	01.29
			Mn	00.05	00.08
			Mo	00.0005	00.0007
			Zn	00.05	00.20
	80398	17-17-17	CSRN	15.30	18.33
			CSRP	15.30	16.48
			CSRK	15.30	18.53
	80447	17-17-17	CSRN	15.30	18.78
			CSRP	15.30	16.38
			CSRK	15.30	16.89
	80057	18-24-10	B	00.02	00.03
			Cu	00.05	00.05
			Fe	00.10	01.07
			Mn	00.05	00.06
			Mo	00.0005	00.0017
			Zn	00.05	00.19
	80249	18-24-10	B	00.02	00.03
			Cu	00.05	00.07
			Fe	00.10	01.19
			Mn	00.05	00.09
			Mo	00.0005	00.0008
			Zn	00.05	00.23
	80427	19-06-12	CSRN	17.10	19.36
			CSRP	05.40	06.45
			CSRK	10.80	12.26
	80151	20-27-05	Fe	02.00	02.52
	80076	22-03-14	SO4	01.40	02.16
	80085	22-03-14	SO4	01.40	01.15
	80100	22-03-14	SO4	01.40	01.74
	80134	22-03-14	SO4	01.40	01.56
	80142	22-03-14	SO4	01.40	02.10
	80156	22-03-14	SO4	01.00	00.98
	80158	22-03-14	SO4	01.40	01.81
	80168	22-03-14	SO4	01.40	01.74

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPECTRUM GROUP		ST. LOUIS	MO		
	80451	22-03-14	SO4	01.40	00.87*
	80452	22-03-14	SO4	01.40	01.69
	80097	22-04-11	SO4	00.60	01.03
	80131	22-04-11	SO4	00.60	00.37
	80143	22-04-11	SO4	00.60	00.94
	80267	22-04-11	SO4	00.60	01.58
	80406	22-04-11	SO4	00.60	01.09
	80035	24-08-16	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.15	00.17
			Mn	00.05	00.05
			Mo	00.0005	00.0007
			Zn	00.06	00.07
	80848	24-08-16	WIN	02.70	02.41
			Cu	00.07	00.07
			Fe	00.15	00.15
			Mn	00.05	00.05
			Mo	00.0005	00.0003
			Zn	00.06	00.08
	81134	29-00-05	Fe	02.00	00.40*
	81217	29-00-05	Fe	02.00	00.91*
	81689	29-00-05	Fe	02.00	00.08*
	81765	29-00-05	Fe	02.00	01.88
	81037	29-01-04	Fe	01.00	03.85
	80054	29-02-05	Fe	01.00	00.80*
	80065	29-02-05	Fe	01.00	00.88*
	80251	29-02-05	Fe	01.00	00.71*
	80418	29-02-05	Fe	02.00	01.08*
	80079	29-03-04	Fe	00.01	00.87
	80146	29-03-04	Fe	01.00	01.96
	80959	35-00-05	B	00.02	00.03
			Cu	00.05	00.12
			Fe	05.00	04.70
			Mn	00.05	00.12
			Mo	00.0005	00.0026
			Zn	00.05	00.40
	81036	35-00-05	B	00.02	00.03
			Cu	00.05	00.15
			Fe	05.00	05.80
			Mn	00.05	00.15
			Mo	00.0005	00.0018
	81211	35-00-05	B	00.02	00.04
			Cu	00.05	00.22
			Fe	05.00	09.00
			Mn	00.05	00.19
			Mo	00.0005	00.0033
			Zn	00.05	00.67
	81463	35-00-05	B	00.02	00.02
			Cu	00.05	00.12
			Fe	05.00	04.26*
			Mn	00.05	00.13
			Mo	00.0005	00.0018
			Zn	00.05	00.36

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPECTRUM GROUP		ST. LOUIS	MO		
	80130	35-05-05	B	00.03	00.03
			Cu	00.05	00.09
			Fe	00.11	00.74
			Mn	00.05	00.12
			Mo	00.0006	00.0010
			Zn	00.05	00.27
	80246	35-05-05	B	00.05	00.04
			Cu	00.05	00.12
			Fe	00.11	00.83
			Mo	00.0006	00.0032
			Zn	00.05	00.34
	80403	35-05-05	B	00.03	00.03
			Cu	00.05	00.07
			Fe	00.11	00.43
	80440	35-05-05	B	00.03	00.02
			Cu	00.05	00.07
			Fe	00.11	00.45
			Mn	00.05	00.07
			Mo	00.0006	00.0025
			Zn	00.05	00.18
SPEED AG SERVICE		HICKMAN	KY		
	81751	08-22-28	B	00.28	00.23*
			Zn	00.69	00.63
	81748	32-00-00	SO4	03.56	04.78
SQM NORTH AMERICA		ATLANTA	GA		
	80870	00-00-00	B	10.00	13.58
	81479	00-00-00	B	10.00	10.21
	82882	00-00-00	B	10.00	09.75
SS (BARD) BARDSTOWN SVC		BARDSTOWN	KY		
	82088	00-00-31	B	00.43	00.30*
	81890	41-05-00	B	00.34	00.39
SS (CYN) LEXINGTON COOP-CYN BR		CYNTHIANA	KY		
	82396	00-00-46	Mg	01.88	02.34
			SO4	03.75	09.09
	82219	13-05-29	Mg	01.37	01.83
			SO4	02.73	08.95
SS (ELIZ) HARDIN COOP, INC		ELIZABETHTOWN	KY		
	82102	10-28-21	B	00.58	00.57
SS (EMIN) INC KNTCKANA SVC-HEN		EMINENCE	KY		
	82533	16-11-29	B	00.04	00.02*

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (EMIN) INC KNTCKANA SVC-HEN		EMINENCE	KY		
	82542	21-06-16	Zn	00.03	00.04
	82543	21-06-16	Zn	00.03	00.03
SS (FLEM) FLEMINGSBURG		FLEMINGSBURG	KY		
	81716	06-15-27	Mg	03.67	04.17
			SO4	07.33	08.14
	81715	20-11-00	SO4	18.00	18.63
SS (GEOR) GEORGETOWN COOP		GEORGETOWN	KY		
	81741	05-14-37	B	00.71	00.52*
	81944	06-15-30	B	00.76	00.56*
SS (HARR) CNTRL KY SVC		HARRODSBURG	KY		
	82826	29-00-19	Zn	01.18	01.06
	82827	29-00-19	Zn	01.18	01.16
SS (HEND) HENDERSON COOP		HENDERSON	KY		
	80496	08-21-28	Zn	00.45	00.51
	80497	08-21-28	Zn	00.45	00.46
	80498	08-21-28	Zn	00.51	00.55
	80499	08-21-28	Zn	00.45	00.51
	80500	08-21-28	Zn	00.45	00.46
	80501	08-21-28	Zn	00.45	00.46
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE	KY		
	81183	10-25-25	Zn	00.14	00.14
	81184	10-25-26	Zn	00.14	00.13
	81185	10-25-26	Zn	00.07	00.06
SS (HORS) HORSE CAVE COOP		HORSE CAVE	KY		
	80984	16-11-23	Mg	02.33	02.68
			B	00.04	00.05
			Zn	00.58	00.75
	80985	16-11-23	Mg	02.25	02.43
			B	00.05	00.07
			Zn	00.47	00.53
SS (LAGR) KY SVC BR-LAGRANGE B		LAGRANGE	KY		
	81654	10-27-20	Zn	00.35	00.43
	82290	14-23-20	Zn	00.53	00.63
SS (LEBA) LEBANON SVC		LEBANON	KY		
	81978	18-13-15	SO4	06.91	07.74
			B	00.02	00.02
			Zn	00.14	00.15

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (LEXI) LEXINGTON COOP		LEXINGTON			
	82793	13-07-23	Mg	00.85	01.49
			SO4	01.70	08.89
	82794	13-07-23	Mg	00.85	01.41
			SO4	01.70	08.86
	82797	19-00-18	Mg	01.13	01.70
			SO4	02.26	06.31
	82798	19-00-18	Mg	01.13	01.73
			SO4	02.26	06.28
SS (MAYS) MAYSVILLE COOP		MAYSVILLE			
	81961	07-00-00	SO4	08.85	09.03
SS (NICH) NICHOLASVILLE SVC		NICHOLASVILLE			
	82865	25-08-08	Zn	00.25	00.22*
SS (OWIN) OWINGSVILLE SVC		OWINGSVILLE			
	81950	00-00-39	B	00.84	00.69*
SS (RICH) COOP INC FERT DIV		RICHMOND			
	81435	00-00-22	Mg	11.00	11.31
			SO4	22.00	22.17
	81724	00-00-22	Mg	11.00	11.66
			SO4	22.00	22.79
	82216	00-00-22	Mg	11.00	12.27
			SO4	22.00	22.75
	82852	00-00-22	Mg	11.00	11.94
			SO4	22.00	22.86
	80751	18-46-00	TP	46.00	45.78
	80842	18-46-00	TP	46.00	44.14*
	81385	18-46-00	TP	44.00	44.07
	80544	21-00-00	SO4	24.00	23.16
	80548	21-00-00	SO4	24.00	24.12
	80749	21-00-00	SO4	24.00	24.00
	81003	21-00-00	SO4	24.00	24.21
	81441	21-00-00	SO4	24.00	24.16
SS (RUSS) COOP, INC.		RUSSELLVILLE			
	82802	00-00-22	Mg	11.00	12.03
			SO4	22.00	22.88
SS (RUSS) RUSSELLVILLE COOP		RUSSELLVILLE			
	80407	05-14-14	Mg	01.33	01.84
			SO4	02.65	03.33

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE	KY		
	81761	06-16-37	Zn	00.15	00.25
	82304	14-14-28	Zn	00.08	00.08
	82305	14-14-28	Zn	00.08	00.07
SS (SOME) SOMERSET COOP		SOMERSET	KY		
	81286	00-18-32	B	00.76	00.62*
	81290	05-13-42	B	00.04	00.04
SS (SPRI) LEBANON-SPRINGFIELD		SPRINGFIELD	KY		
	81980	05-15-39	B	00.08	00.05*
SS (STAN) STANFORD SVC		STANFORD	KY		
	82816	10-25-25	B	00.24	00.20
SS (WINC) COOP, INC.		WINCHESTER	KY		
	82665	00-00-55	B	01.06	00.73*
	82587	00-10-30	B	00.45	00.31*
	82804	10-10-10	Zn	01.70	01.69
SS OWENSBORO-CARTER		OWENSBORO	KY		
	80314	00-10-42	B	00.02	00.03
			Cu	00.02	00.03
			Mn	00.12	00.11
			Zn	00.48	00.52
	80315	00-10-42	B	00.02	00.03
			Cu	00.02	00.02
			Mn	00.12	00.13
			Zn	00.48	00.64
	80313	00-12-40	B	00.02	00.03
			Cu	00.02	00.02
			Mn	00.12	00.15
			Zn	00.49	00.54
SUN BULB COMPANY, INC.		ARCADIA	FL		
	80253	11-35-15	Mg	00.60	00.64
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.10
			Mn	00.05	00.04
			Mo	00.0005	00.0016
			Zn	00.05	00.06
	81776	11-35-15	Mg	00.60	00.63
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.12
			Mn	00.05	00.08
			Mo	00.0005	00.0005
Zn			00.05	00.05	

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SUN BULB COMPANY, INC.		ARCADIA	FL		
	82317	11-35-15	Mg	00.60	00.66
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.12
			Mn	00.05	00.04
			Mo	00.0005	00.0007
			Zn	00.05	00.05
	80252	20-14-13	Mg	01.00	01.14
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.20	00.19
			Mn	00.05	00.04
			Mo	00.0005	00.0008
			Zn	00.05	00.04
	80264	20-14-13	Mg	01.00	01.08
			B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.20	00.17*
			Mn	00.05	00.04
			Mo	00.0050	00.0023*
			Zn	00.05	00.04
	80419	20-14-13	Mg	01.00	00.83
			B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.20	00.20
			Mn	00.05	00.04
			Mo	00.0050	00.0041
			Zn	00.05	00.05
	81775	20-14-13	Mg	01.00	01.16
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.20	00.21
			Mn	00.05	00.05
			Mo	00.0005	00.0005
			Zn	00.05	00.05
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	80029	15-30-15	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.18
			Mn	00.05	00.06
			Mo	00.0005	00.0006
			Zn	00.06	00.07
	80044	15-30-15	B	00.02	00.02
			Cu	00.07	00.10
			Fe	00.15	00.19
			Mn	00.05	00.06
			Mo	00.0005	00.0007
			Zn	00.06	00.07

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	80127	15-30-15	B	00.02	00.03
			Cu	00.07	00.09
			Fe	00.15	00.23
			Mn	00.05	00.06
			Mo	00.0005	00.0009
			Zn	00.06	00.09
	81032	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.20
			Mn	00.05	00.05
			Mo	00.0005	00.0010
			Zn	00.06	00.08
	81129	15-30-15	Zn	00.06	00.08
	81466	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.20
			Mn	00.05	00.05
			Mo	00.0005	00.0009
			Zn	00.06	00.08
	81575	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.21
			Mn	00.05	00.05
			Mo	00.0005	00.0008
			Zn	00.06	00.08
TERRACYCLE INC		TRENTON	NJ		
	81177	05-03-04	WIN	02.20	04.09
TETRA MICRONUTRIENTS		THE WOODLANNDS	TX		
	80756	00-00-00	B	15.00	13.43*
	81107	00-00-00	B	15.00	14.03
	81111	00-00-00	B	15.00	13.73*
	81118	00-00-00	B	15.00	14.92
	81292	00-00-00	B	15.00	14.58
	81431	00-00-00	B	15.00	14.42
	81964	00-00-00	B	15.00	12.95*
	82236	00-00-00	B	15.00	15.18
THE ANDERSONS		LOGANSPOUR	IN		
	81597	24-00-01	SO4	00.60	00.33*
			B	00.25	00.24
THE ANDERSONS LAWN FERT DIV		MAUMEE	OH		
	81729	13-02-13	SO4	18.42	19.54
			Cu	00.10	00.12
			Fe	02.00	03.37
			Mn	00.10	00.57
			Zn	00.10	00.20

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE SCOTTS CO.		MARYSVILLE	OH		
	80009	11-02-02	WIN	10.00	10.51
			Ca	01.50	01.55
			SO4	01.00	00.84
	80536	11-02-02	WIN	10.00	09.53
			Ca	01.50	02.80
	80827	11-02-02	WIN	10.00	11.06
			Ca	01.50	02.28
	82841	11-02-02	WIN	10.00	10.27
			Ca	01.50	02.06
			SO4	01.00	01.43
	81219	18-23-04	WIN	00.60	00.64
	81223	18-23-04	WIN	00.60	00.64
	81228	18-23-04	WIN	00.60	00.56
	81771	18-23-04	WIN	00.60	00.60
	80050	20-27-05	WIN	00.60	00.27
	80126	20-27-05	WIN	00.60	00.39
	80141	20-27-05	WIN	00.60	00.36
	80439	20-27-05	WIN	00.60	00.44
	80849	20-27-05	WIN	00.60	00.43
	80046	22-02-14	WIN	00.60	03.73
			SO4	10.00	12.14
	80137	22-02-14	WIN	00.60	00.23
			SO4	10.00	13.10
	80148	22-02-14	WIN	00.60	00.19*
			SO4	10.00	12.90
	80157	22-02-14	WIN	00.60	00.24
			SO4	10.00	12.04
	80163	22-02-14	WIN	00.60	00.23
			SO4	10.00	12.96
	80031	22-03-14	WIN	00.60	00.27
			SO4	10.00	12.48
	80060	22-03-14	WIN	00.60	00.36
			SO4	10.00	12.36
	80132	22-03-14	WIN	00.60	00.25
			SO4	10.00	12.58
	80166	22-03-14	WIN	00.60	00.33
			SO4	10.00	12.32
	80262	22-03-14	WIN	00.60	00.29
	80400	22-03-14	SO4	10.00	11.88
	80402	22-03-14	WIN	00.60	00.32
			SO4	10.00	11.89
	80405	22-03-14	WIN	00.60	00.31
			SO4	10.00	12.15
	80433	22-03-14	WIN	00.60	00.31
			SO4	10.00	11.78
	80047	26-03-12	WIN	00.80	00.23*
			SO4	08.00	08.79
	80059	26-03-12	WIN	00.80	01.24
			SO4	08.00	08.70

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE SCOTTS CO.		MARYSVILLE	OH		
	80101	26-03-12	WIN	00.80	00.38*
			SO4	08.00	09.38
	80133	26-03-12	WIN	00.80	00.43
			SO4	08.00	08.70
	80167	26-03-12	WIN	08.00	00.50*
			SO4	08.00	09.15
	80247	26-03-12	WIN	00.80	00.43
			SO4	08.00	08.95
	80263	26-03-12	WIN	00.80	00.40*
	80432	26-03-12	WIN	00.80	00.43
			SO4	08.00	08.77
	81034	28-02-03	SO4	01.00	09.95
	81051	28-02-03	WIN	00.70	00.24*
			SO4	11.00	12.06
	81132	28-02-03	WIN	00.70	00.39
			SO4	11.00	11.56
	81212	28-02-03	WIN	00.70	00.26*
			SO4	11.00	12.50
	81577	28-02-03	WIN	00.70	00.34
			SO4	11.00	12.25
	82619	28-02-03	WIN	00.70	00.36
	80040	29-02-04	WIN	00.80	00.24*
			SO4	08.00	09.38
	81576	29-02-04	WIN	00.80	00.25*
	80269	29-03-04	WIN	00.80	00.45
			SO4	08.00	08.87
			Fe	02.00	02.46
	80953	30-00-04	WIN	00.90	00.28*
			SO4	09.00	11.48
	81038	30-00-04	WIN	00.90	00.41*
			SO4	09.00	10.44
	81044	30-00-04	WIN	00.90	00.33*
			SO4	09.00	10.90
	81135	30-00-04	WIN	00.90	00.34*
			SO4	09.00	11.86
	81420	30-00-04	WIN	00.90	00.39*
			SO4	09.00	11.11
	81213	30-03-04	WIN	00.90	00.56
			SO4	08.00	08.77
	80916	32-03-08	WIN	01.30	00.71*
			SO4	02.90	03.31
TIGER-SUL PRODUCTS, LLC		ATMORE	AL		
	81146	00-00-00	S	90.00	92.40
	81719	00-00-00	S	90.00	92.33
	81746	00-00-00	S	90.00	92.13
TRI COUNTY FERT.		RICHMOND	KY		
	82513	43-02-00	Zn	00.10	00.09

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
TRI COUNTY FERT.		RICHMOND	KY		
	82514	43-02-00	Zn	00.10	00.13
	82515	43-02-00	Zn	00.10	00.26
TWO RIVERS, INC		DRAKESBORO	KY		
	82726	14-14-22	Mg	00.22	00.67
			B	00.01	00.02
			Cu	00.01	00.01
			Zn	00.65	00.75
	82727	14-14-22	Mg	00.22	00.67
			B	00.01	00.02
			Cu	00.01	00.01
			Zn	00.65	00.80
	82728	14-14-22	Mg	00.22	00.74
			B	00.01	00.02
			Cu	00.01	00.02
			Zn	00.65	00.75
	82729	14-14-22	Mg	00.22	00.71
			B	00.01	00.02
			Cu	00.01	00.01
			Zn	00.65	00.82
U.S. BORAX INC.		ENGLEWOOD	CA		
	81330	00-00-00	B	14.30	14.24
	81902	00-00-00	B	15.00	14.82
WARNER FERT CO. (SOM)		SOMERSET	KY		
	81620	05-14-38	B	00.57	00.47*
	81312	21-00-00	SO4	24.00	24.70
WOLF TRAX		WINNIPEG	MB		
	81381	00-00-00	B	18.50	19.12
	82540	00-00-00	Zn	62.00	61.23
YARA NORTH AMERICA		TAMPA	FL		
	81512	16-00-00	Ca	19.00	18.06
	81718	16-00-00	Ca	19.00	19.04

TABLE 3 COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30, 2008

A.H. HOFFMAN P.O. BOX 290 LANCASTER, NY 14086	ACADIAN SEAPLANTS LIMITED 30 BROWN AVE, DARTMOUTH NOVA SCOTIA, CA 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	AG CONCEPTS CORP 12552 W Executive DR Suite A BOISE, ID 83713
AG DISTRIBUTORS, INC. P.O. BOX 90366 6615 ROBERTSON AVE NASHVILLE, TN 37209	AG/GRO FERTILIZER CO. (HILL ST.) 303 HILL ST. WINCHESTER, KY 40391	AG/GRO FERTILIZER CO. (PEND. ST.) PENDLETON ST. WINCHESTER, KY 40391
AGGRENE CORP. 925 TOWER AVE. SUPERIOR, WI 54880	AGQUEST P.O. BOX 116 DRY RIDGE, KY 41035-0366	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	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 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	AGRIVERT, INC. C/O ARYSTA LIFESCENCE 1450 BROADWAY 7TH FL. NEW YORK, NY 10018
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 2128 WILLIAM ST #166 CAPE GIRARDEAU, MO 63703	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	ALLJACK, DIV OF UNITED IND. P.O. BOX 142642 ST. LOUIS, MO 63114-0642
ALLTECH, INC. 3031 CATNIP HILL PIKE NICHOLASVILLE, KY 40356	AMSOIL, INC. 925 TOWER AVE. SUPERIOR, WI 54880	AMTURF ENTERPRISES LLC PO BOX 905 CROWN POINT, IN 46307
ANDERSON CO FARM SVC 145 HAWKINS LAWRENCEBURG, KY 40342	AQUARIUM PHARMACEUTICALS, INC 50 E HAMILTON STREET CHALFONT, PA 18914	ARCADIS U.S. INC. 3699 SYMMES RD. HAMILTON, OH 45015

TABLE 3 (Continued)

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 4605 E. 91ST STREET TULSA, OK 74137-2852	BENICK BRANDS 2377 MAIN STREET GLASTONBURY, CT 06033	BIAGRO WESTERN SALES 35801 RD. 132 VISALIA, CA 93292
BICKETT AGRI CTR. 10391 ST. RT 175-N CENTRAL CITY, KY 42330	BICKETT AGRI CTR. 9921 STATE RD. 56-EAST MORGANFIELD, KY 42437	BIG RIVERS AGRI SUPPLY P.O. BOX 22879 OWENSBORO, KY 42304
BIO TLC 2386 INDUSTRIAL STREET BURLINGTON, ON L7P 1A1	BIOZ AGRI PRODUCTS INC RR#1 S40 C17 OLIVER BC, CN V0H 1T0	BLACK GOLD P. O. BOX 190 OXFORD, FL 34484
BLOOMFIELD FERTILIZED CHEM CO., INC 100 DEPOT STREET P.O. BOX 370 BLOOMFIELD, KY 40008-0370	BLUE SEAL FEEDS, INC P.O. BOX 8000 LONDONDERRY, NH 03053	BLUEGRASS SEED/FERT INC. 3345 BLOOMFIELD RD. BARDSTOWN, KY 40004
BONIDE PRODUCTS, INC. 6301 SUTLIFF ROAD ORISKANY, NY 13424	BOYD FARM CTR. 222 E. PRINCETON CROFTON, KY 42217	BRYANT, OTIS & SON P.O. BOX 148 CANEEVILLE, KY 42721
BUNGE NORTH AMERICA INC 11720 BORMAN DR. ST. LOUIS, MO 63146	BURKESVILLE FERTILIZER CO. 160 GARMON FERRY ST. BURKESVILLE, KY 42717	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 SALEM LAKE DRIVE LONG GROVE, IL 60047	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	CANTON MILLS, INC P.O. BOX 97 MINNESOTA CITY, MN 55959
CARGILL P.O. BOX 5606 MINNEAPOLIS, MN 55440	CAROLINA SOIL CO. P.O. BOX 1140 KINSTON, NC 28503	CARRIE CRAWFORD 5927 PAINT BANK RD. NEW CASTLE, VA 24127
CECILIA FARM SVC INC. P.O. BOX 7 CECILIA, KY 42724	CEN FARMERS SUP. OF GREEN 901 COLUMBIA HIGHWAY GREENSBURG, KY 42743	CENTRAL FIBER CORP. 4814 FIBER LANE RD. WELLSVILLE, KS 66092

TABLE 3 (Continued)

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 8017 PINEMONT DR., STE 100 HOUSTON, TX 77040
CHEMSICO, DIV OF UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114	CHEMTURA CORPORAION 199 BENSON ROAD MIDDLEBURY, CT 06749	CHEROKEE NITROGEN 1950 ALPHA DR. STE. 100 ROCKWALL, TX 75087-4928
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	CONRAD FAFARD, INC. PO BOX 790 AGAWAM, MA 01001	CONVERTED ORGANICS 7A COMMERCIAL WARF WEST BOSTON, MA 02110
CORBIN FARM & GARDEN CTR. P.O. BOX 1187 1205 MASTERS STREET CORBIN, KY 40701	CRITTENDEN FARM SUPPLY, INC. 312 W. GUM ST. MARION, KY 42064	CROP PRODUCTION SVC INC (CADIZ) 5357 HOPKINSVILLE RD. CADIZ, KY 42211
CROP PRODUCTION SVC INC (CLA) P.O. BOX 8 CLARKSON, KY 42726	CROP PRODUCTION SVC INC (CLA) 8381 SR 132-W CLAY, KY 42404-2167	CROP PRODUCTION SVC INC (FANC) 10693 STATE RT. 121N FANCY FARM, KY 42039
CROP PRODUCTION SVC INC (FRE) 3705 BEECHWOOD AVE. FRESNO, CA 93711	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 (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	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 5215 HWY 150 BRODHEAD, KY 40409	DABNEY FEED SUPP 6951 HWY. 39 SOMERSET, KY 42503

TABLE 3 (Continued)

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. LOGAN SPORT 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	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 1950 ALPHA DRIVE STE. 100 ROCKWALL, TX 75087	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	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
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	FELTY CROP SVC. 230 E. FIRST ST PO BOX 186 BEAVER DAM, KY 42320	FERTIGATION PRODUCTS & SVC, INC 114 GLADIATOR ROAD DOUGLAS, GA 31533
FLEMING CO FARM SUPP. 1724 MAYSVILLE ROAD FLEMINGSBURG, KY 41041	FLORATINE PRODUCTS GROUP 141 EASTLEY ST., SUITE 106 COLLERVILLE, TN 38017	FLORATINE PRODUCTS GROUP 144 MID-SOUTH CV COLLIERVILLE, TN 38017
FLORISTS TRANSWORLD DELIVERY 3113 WOODCREEK DRIVE DOWNERS GROVE, IL 60515	FRANKLIN CROP SVC. 2169 SPRINGFIELD RD. FRANKLIN, KY 42134	FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE, OH 43537
FREEPORT-MCMORAN SIERRITA INC 6200 W. DUVAL MINE RD GREEN VALLEY, AZ 85614	FRIT INDUSTRIES P.O. BOX 1589 OZARK, AL 36361	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

TABLE 3 (Continued)

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	GRANT CO FARM SUPP. P.O. BOX 116 DRY RIDGE, KY 41035	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. 405 DOUGLAS AVE #2605 ALAMONTE SPRINGS, FL 32714	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	HARVEY PRODUCTS INC 2080 MCKIMBER ST HARVEY, IA 50119
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
HELENA CHEMICAL CO. 3500 ST RT 1099 HICKMAN, KY 42050	HELENA CHEMICAL CO. 2301 EBACH STREET OWENSBORO, KY 42303	HELENA CHEMICAL COMPANY 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 7611 N. 73RD STREET MILWAUKEE, WI 53223	HONEYWELL P.O. BOX 1559 HOPEWELL, VA 23860	HOWARD JOHNSON'S ENT, INC 1301 INDUSTRIAL DRIVE NEOSHO, MO 64850

TABLE 3 (Continued)

HOWARD JOHNSONS ENT., INC. 700 W. VIRGINIA ST. STE. 222 MILWAUKEE, WI 53204 ICEC 10001 WOODLOCK DR, SUITE 400 THE WOODLANDS, TX 77380	HYDROLYSATE COMPANY OF AMERICA, LLC P.O. BOX 271 ISOLA, MS 38754 INSTA-GRO MANUFACTURING, INC. 8217 LINN HIPSHER RD. CALEDONIA, OH 43314	HYPONEX CORP. 14111 SCOTTSLAWN RD. MARYSVILLE, OH 43041 IRONITE PRODUCTS P.O. BOX 218 HUMBOLDT, AZ 86329
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	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. 6696 PADUCAH RD. KEVIL, KY 42053	KEYPLEX 200 W. WELBOURNE AVE, SUITE 7 WINTER PARK, FL 32789
KNOX FERTILIZER CO., INC. P.O. BOX 248 W. CULVER ROAD KNOX, IN 46534 KOCH NITROGEN COMPANY 502 EAST HOSLER ROAD HUNTINGTON, IN 46750	KOCH NITROGE INT (RESERVE) SARL 1342 HWY 44 RESERVE, LA 70084 KOCH NITROGEN COMPANY 5051 E COUNTY RD MATTOON, IL 61938	KOCH NITROGEN CO -CRAWFORDSVILLE IN 4904 US 231 CRAWFORDSVILLE, IN 47933 KOCH NITROGEN COMPANY P.O. BOX 1028 TAFT, LA 70057
KOCH NITROGEN COMPANY P.O. BOX 2900 4111 EAST 37TH STREET NORTH WICHITA, KS 67220	KOCH NITROGEN COMPANY (WALTON IN) 7438 E CR 800 S WALTON, IN 46994	KOCH NITROGEN INT'L - RESERVE LA 1342 HIGHWAY 44 RESERVE, LA 70084
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
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
LEANNA BORSAGE 12914 DRESDEN RIDGE LN HOUSTON, TX 77070	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

TABLE 3 (Continued)

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 GEELEY, CO 80632
MACON TROUSDALE FARMERS 905 SCOTTSVILLE RD. LAFAYETTE, TN 37083	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
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 (OWENS) FARM SUPPLY 1911 OLD CALHOUN RD HWY 81 OWENSBORO, KY 42301	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	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-GLENDALE FARM SVC. P.O. BOX 155 GLENDALE, KY 42740	MILLER CHEMICAL & FERT. P.O. BOX 333 RADIO ROAD HANOVER, PA 17331
MILLERS LAWN CARE 755 BUZZARD ROAST 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	MIRACLE GRO LAWN PRODUCTS 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041	MISSISSIPPI PHOSPHATES CORP P.O. BOX 848 PASCAGOULA, MS 39568-0848
MONTGOMERY CO-OP STATELINE 6002 5149 GUTHRIE HWY CLARKSVILLE, TN 37040-5426	MONTYS PLANT FOOD P.O. BOX 22454 LOUISVILLE, KY 40222	MONTYS PLANT FOOD/JOHN PETREY 8903 NOTTINGHAM PKY. LOUISVILLE, KY 40222
MORRAL CO. 132 POSTLE ST. P O BOX 26 MORRAL, OH 43337	MOSAIC CROP NUTRITION, LLC 8813 HWY 41 S RIVERVIEW, FL 33569	NA-CHURS/ALPINE SOLUTIONS 421 LEADER ST. MARION, OH 43302-9989

TABLE 3 (Continued)

NATURE'S PERFECT BLEND 1870 FENCE ROAD DACULA, GA 30019	NEW EEZY GRO, INC. 218 TOLEDO ST. CAREY, OH 43316	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 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 9720 CYPRESSWOOD DRIVE #224 HOUSTON, TX 77070	NUTRIENTS PLUS LLC 1209 EGRET PT VIRGINIA BEACH, VA 23454
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	PADUCAH-MCCRACKEN RVRPORT AUTHORITY 125 LOCUST DR. PO BOX 2302 PADUCAH, KY 42002	PARRISH SHOP/SALES 8834 LARUE RD. HENDERSON, KY 42420
PBI GORDON CORP 1217 W 12TH ST PO BOX 014090 KANSAS CITY, MO 64101	PCS SALES (USA), INC. 1101 SKOKIE BLVD SUITE 400 NORTHBROOK, IL 60062	PEATLAND GARDEN PRODUCT BLDG R-2-6 3999 E HUPP ROAD LAPORTE, IN 46350
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 ALLEN TOWN, PA 18106	PHELPS DODGE CORPORATION ONE NORTH CENTRAL AVE. PHOENIX, AZ 85004	PHELPS DODGE SIERRITA, INC 6200 W. DUVAL MINE ROAD GREEN VALLEY, AZ 85614
PHOSYN PLC MANOR PLACE, WELLINGTON RD THE INDUSTRIAL ESTATE, POCK. YORK, UK YO42 1DN	PIONEER SOUTHERN P O BOX 266 LANCASTER, NY 14086	PJC & COMPANY ECO. LAND CARE INC 252 DODGE RD. ROWLEY, MA 01969
PLANT MARVEL LABS 371 E. 16TH ST. CHICAGO HEIGHTS, IL 60411	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	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
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

TABLE 3 (Continued)

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
PURE BARNYARD, INC 210 W RD. UNIT 7 PORTSMOUTH, NH 03801	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 118 1/2 E. MAIN ST STE. 1 SALEM, VA 24153	RICH POND CROP SVC. 1753 RICHPOND RD. BOWLING GREEN, KY 42104	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
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 CO. 3530 EAGLE WAY BYPASS HOPKINSVILLE, KY 42240	SECURITY SEED & CHEMICAL LLC 3110 JEWELL CITY RD SLAUGHTERS, KY 42456
SECURITY SEED AND CHEMICAL 795 BUTTERWORTH ROAD MURRAY, KY 42071	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

TABLE 3 (Continued)

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
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 215 DEPOT ST. LEBANON, KY 40033
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 800 CRABTREE AVE. 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

TABLE 3 (Continued)

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 925 HWY 150 E 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
SUN BULB COMPANY, INC. P.O. DRAWER 698 ARCADIA, FL 34265	SUN GRO HORTICULTURE DISTRIBUTING 15831 NE 8TH STREET SUITE 100 BELLVUE, WA 98008	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	T AND N, INC P O BOX 240 815 HWY T FORISTELL, MO 63348
T-TECH COMPANY P.O. BOX 190 HUMBOLDT, TN 38343	TAYLOR, G.M. SEED CO. 618 MILITARY ST. GEORGETOWN, KY 40324	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 WOODLANNS, TX 77386	TETRA SALES, USA 3001 COMMERCE ST. BLACKSBURG, VA 24060	THE ANDERSONS 2345 SOUTH 400 EAST LOGANSPORT, IN 46947
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
TOTAL TURF CONSULTING LLC 26 A.A. COOPER RD. MEIGS, GA 31765	TRACE CHEM INC. 839 BRENKMAN DR. PEKIN, IL 61554-1522	TRACTOR SUPPLY 1511 N DIXIE HWY ELIZABETHTOWN, KY 42701

TABLE 3 (Continued)

TRANSAMMONIA INC 4211 W. BOYSCOUT BLVD TAMPA, FL 33607	TRAYLOR CHEMICAL/SUPP. 1911 TRAYLOR BLVD. P.O. BOX 547937 ORLANDO, FL 32854-7937	TRAYLOR CHEMICAL/SUPP. P.O. BOX 249 126 MARKET STREET ROYAL CENTER, IN 46978
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 5550 BLAZER PARKWAY STE. 125 DUBLIN, OH 43017	TRUGREEN CHEMLAWN (EVAN) P.O. BOX 5679 EVANSVILLE, IN 47716-5679
TRUGREEN CHEMLAWN (FLOR) P.O. BOX 488 FLORENCE, KY 41022-0488	TRUGREEN CHEMLAWN (LEX) 575 HORTON CT. 2264 DANFORTH DRIVE LEXINGTON, KY 40511	TRUGREEN CHEMLAWN (LOUIS) 13135 MIDDLETOWN IND., BLVD. LOUISVILLE, KY 40223
TRUGREEN CHEMLAWN (SCOTT) 109 ERSKIN LN. PO BOX 396 SCOTT DEPOT, WV 25560	TURF CARE SUPPLY CORP. 50 PEARL RD. UNIT 200 BRUNSWICK, OH 44212	TURFGRASS, INC. 46475 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	UAP DISTRIBUTION, INC P.O. BOX 1286 GREELEY, CO 80632	UAP DISTRIBUTION, INC. PO BOX 169 BROWNS, IL 62818
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	VERDICON, INC P.O. BOX 1286 GREELEY, CO 80632-1286
VOLUNTARY PURCHASING P.O. BOX 460 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

TABLE 3 (Continued)

WATERWAY AG INC. P.O. BOX 629 METROPOLIS, IL 62960	WAUPACA MATERIALS 832 ROTH STREET SIKESTON, MO 63801	WAUPACA NORTHWOODS, LLC P.O. BOX 569 WAUPACA, WI 54945
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. GENESEO, NY 14454	X-SEED, INC. 14585 31ST STREET CLEAR LAKE, MN 55319
YARA NORTH AMERICA 100 N. TAMPA ST, STE 3200 TAMPA, FL 33602	YARA PHOSYN LTD. MANOR PLACE, WELLINGTON RD. THE INDUSTRIAL ESTATE POCKLINGTON, YORK, UK Y0421DN	ZAHIGIAN, LYNNE REG. CONSULTING P.O. BOX 1566 FALLON, NV 89407-1566



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