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UNIVERSITY OF KENTUCKY-COLLEGE OF AGRICULTURE

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Annual Report Analyses of Official Fertilizer Samples

July 2010 – June 2011



UNIVERSITY OF KENTUCKY

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Table of Contents

Introduction.....	1
Explanation of Tables.....	1
Investigational Allowances	4
Monetary Penalties.	6
Maximum Chlorine Guarantee for Tobacco Fertilizers.	8
Commercial Fertilizer Values For 2010 and 2011.....	9
Kentucky Official NPK Samples For 2010-2011	10
Summary of Certain Sample Characteristics by Form and by Type	
Kentucky Official NPK Samples For 2010-2011	11
Summary of Certain Characteristics Combined by Form and by Type	
Total Fertilizer Summary- July 2010 – June 2011	12
Table 1. Results of Total Nitrogen (N), Available Phosphate (P₂O₅) Soluble Potash (K₂O), and Excess Chlorine (Xs Cl) Analyses of Official Fertilizer Samples.....	13
Table 2. Results of the Analyses of Certain Official Samples for Secondary and Minor Elements, Water Insoluble Nitrogen (Win), Coated Slow Release (Csrn) and Occluded Slow Release Nitrogen (Osrn).....	98
Table 3. Companies Registered and/or Licensed to Sell in Kentucky: As Of October 2011.....	123

INTRODUCTION

This bulletin presents the results of the analysis of 2,616 official samples of commercial fertilizer taken during the period of July 1, 2010 through June 30, 2011 by the field inspection staff. The samples represented approximately 50,000 tons of fertilizer out of the approximately 890,000 tons sold during this period. The Laboratory made 2,282 nitrogen, 1,856 phosphorus, 2,008 potassium and 947 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 October 2011.

EXPLANATION OF TABLES

Table 1.

Sample Data—

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

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

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

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

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

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

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

A 6-24-24 fertilizer is guaranteed to contain 6% N, 24% P₂O₅, and 24% K₂O.

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

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

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

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

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

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

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

* : Those results marked with an asterisk (*) are deficient under the criteria stated in the investigational allowances section of this bulletin. Occasionally an analysis may be found that appears to be inconsistent in its marking. For example, two samples that are guaranteed 10% P₂O₅ may both be shown as containing 9.1%. One of these may have an asterisk (*) and the other may not. There are two situations which may cause this apparent discrepancy:

3 Analysis of Official Fertilizer Samples in Kentucky June 2010 through July 2011

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

(2) The grade as printed is the largest whole number in the guarantee of each ingredient, that is, any decimal is dropped before the table is printed. For example, a custom-mixed lot of fertilizer may be guaranteed 11.9% P₂O₅ and 11.2% K₂O. The grade would be printed 0-11-11. However, the investigational allowances are applied on the basis of the 11.9% and 11.2% guarantees. If this custom mixed fertilizer analyzed 10.9% P₂O₅ and 10.9% K₂O, only the 10.9% P₂O₅ would be marked (*) because it is below the 11.9% guarantee by more than the investigational allowance.

TYPE: The codes for type are:

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

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

MAT - A fertilizer material such as muriate of potash.

CM - A custom-mixed blended fertilizer.

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

Statistical Analyses --

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

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

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

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

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

Tables 2 and 3 - Self Explanatory

INVESTIGATIONAL ALLOWANCES

Primary Nutrients

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

Guaranteed %	Total Nitrogen (N) %	Available Phosphate (P 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.

5 Analysis of Official Fertilizer Samples in Kentucky June 2010 through July 2011

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

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

Secondary and Micro Nutrients

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

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

Relative Value (RV) and Maximum Chlorine (XSCL)

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

The investigational allowance for maximum chlorine is 0.5 percentage point.

MONETARY PENALTIES

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

PRIMARY NUTRIENTS AND RV

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

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

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

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

7 Analysis of Official Fertilizer Samples in Kentucky June 2010 through July 2011

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
2010 and 2011**

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	2010	2011
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$9.22	\$11.21
Avail. Phosphate (P ₂ O ₅)	\$6.67	\$11.29
Soluble Potash (K ₂ O)		
Tobacco (Low CL)	\$15.76	\$14.02
Non-Tobacco	\$9.04	\$9.13
Calcium (Ca)	\$12.43	\$12.43
Magnesium	\$20.11	\$20.11
Sulfur (S)	\$7.44	\$7.44
Boron (B)	\$84.60	\$77.85
Copper (Cu)	\$88.74	\$75.27
Iron (Fe)	\$11.33	\$13.00
Manganese (Mn)	\$24.07	\$31.66
Molybdenum (Mo)	\$118.52	\$20.20
Zinc (Zn)	\$41.05	\$40.23

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

Official Kentucky NPK Samples 2010 – 2011
(Summary of Certain Sample Characteristics by Form and by Type)

By Form

BAG **Number of samples: 512**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
508	7	442	4	474	8	16	101	6	3,036

BULK **Number of samples: 1,975**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
1,688	2	1,371	2	1,491	2	4	101	23	44,770

LIQUID **Number of samples: 86**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
86	7	43	7	43	23	21	103	28	2,382

By Type

BLENDED GRADE **Number of samples: 481**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
477	8	416	5	451	8	17	102	7	3,183

MANUFACTURED **Number of samples: 90**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
90	6	68	1	64	17	21	108	10	933

MATERIAL **Number of Samples: 770**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
486	0	251	0	283	2	1	101	53	40,662

CUSTOM MIX **Number of samples: 1,232**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
1,229	3	1,121	2	1,210	2	7	101	4	5,409

Summary

NPK SAMPLES ONLY **Number of samples: 2,573**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
2,282	3	1,856	3	2,008	4	7	102	20	50,188

ALL SAMPLES **Number of samples: 2,616**

N Tests	N Def. Rate	P Tests	P Def. Rate	K Tests	K Def. Rate	Sample Def. Rate	Rel. Val. Mean	Avg Lot Size/Sample	Total Tons Sampled
2,282	3	1,856	3	2,008	4	9	101	19	49,896

Kentucky Official NPK Samples 2010 – 2011
(Summary of Certain Sample Characteristics Combined by Form and Type)

Form: BAG

Type:	Number of Samples	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate %	Rel. Value Mean
Blended Grade	454	18	2,402	5	17	102
Manufactured	51	2	608	1	14	111
Material	6	0	25	0	0	192
Custom Mix	1	0	1	0	0	98

Form: BULK

Type:	Number of Samples	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate %	Rel. Value Mean
Blended Grade	1	0	28	0	0	98
Manufactured	6	0	121	0	0	103
Material	739	29	39,218	78	1	100
Custom Mix	1,229	48	5,403	11	6	101

Form: LIQUID

Type:	Number of Samples	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate %	Rel. Value Mean
Blended Grade	26	1	753	2	19	103
Manufactured	33	1	205	0	36	103
Material	25	1	1,420	3	0	100
Custom Mix	2	0	5	0	50	119

Total Fertilizer Summary
 Division of Regulatory Services University of Kentucky
 From July 2010 through June 2011

	Totals	<i>Container</i>			<i>Use</i>	
		Bag	Bulk	Liquid	Farm	Non-Farm
Multi-Nutrient	275,002.23	46,649.97	208,882.29	19,469.98	242,282.88	32,719.36
Nitrogen	359,970.18	10,455.63	139,840.71	209,673.85	355,356.40	4,613.79
Phosphate	960.81	407.78	552.20	0.84	618.09	342.73
Potash	151,622.43	928.63	150,349.17	344.62	147,944.43	3,678.00
Organics	17,110.89	3,387.48	13,722.43	0.98	8,700.29	8,410.60
Sec/Micro	3,083.68	893.23	1,833.07	357.38	2,985.81	97.87
Miscellaneous	82,217.71	9,504.28	72,153.98	559.45	73,780.95	8,436.76
Total	889,967.94	72,226.99	587,333.85	230,407.09	831,668.85	58,299.09

Percentages by form:

Bag	8%
Bulk	66%
Liquid	26%

Percentages by use:

Farm	93%
Non-Farm	7%

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

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

ADVANCED TURF SOLUTIONS, INC FISHERS IN 46038								
16-28-12	10032	16.97	26.45	11.64		99	Blend	Bag
16-28-12	11420	16.87	26.32 *	12.96		100	Blend	Bag
22-00-05	11419+	20.55	0.00	6.37		99	Blend	Bag
22-00-05	12636+	22.66	0.00	5.47		104	Blend	Bag
30-00-05	12635+	30.09	0.00	5.06		100	Blend	Bag
30-00-08	12632	30.24	0.00	8.49		102	Blend	Bag

AG DISTRIBUTORS INC HARDINSBURG KY 40143								
00-00-50	11181	0.00	0.00	50.44		101	Mat	Bulk
00-00-60	10273	0.00	0.00	60.60		101	Mat	Bulk
00-00-60	11226	0.00	0.00	59.23		99	Mat	Bulk
00-00-60	11229	0.00	0.00	60.84		101	Mat	Bulk
02-11-16	10268	3.32	12.11	18.52		111	CM	Bulk
02-11-17	10267	3.11	11.68	20.15		109	CM	Bulk
03-15-41	10269	3.09	15.19	42.92		101	CM	Bulk
03-15-41	10270	3.27	15.78	42.69		101	CM	Bulk
03-15-41	10274	3.06	15.27	42.74		101	CM	Bulk
03-15-41	10320	3.30	15.61	42.31		101	CM	Bulk
03-15-41	10321	3.22	15.56	43.21		102	CM	Bulk
03-15-41	10322	3.34	15.97	43.50		103	CM	Bulk
Statistical Analysis for Grade : 03-15-41								
Number of Samples This Grade : 6								
Average Analysis :		3.21	15.56	42.90		101.4		
CV, %		3.56	1.91	0.97				
05-27-27	10323	5.65	27.02	29.37		101	CM	Bulk
05-27-27	10324	5.81	27.50	28.84		101	CM	Bulk
11-52-00	10271	10.71	52.33	0.00		100	Mat	Bulk
18-46-00	10272	17.78	45.98	0.00		100	Mat	Bulk
18-46-00	11228	17.97	46.56	0.00		101	Mat	Bulk
28-00-00	11230	27.66	0.00	0.00		99	Mat	Liq
34-00-00	11225	34.28	0.00	0.00		101	Mat	Bulk
46-00-00	11227	46.16	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AG DISTRIBUTORS INC HARDINSBURG KY 40143								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.76	99.42	103.51				
ALL SAMPLES,CV %		11.73	2.78	3.48				
NUMBER OF ANALYSIS		16	13	14				
Deficiency Rate = 0.00 %								

AG DISTRIBUTORS, INC. NASHVILLE TN 37209								
00-00-60	10427	0.00	0.00	61.11		102	Mat	Bulk
00-00-60	10734	0.00	0.00	60.42		101	Mat	Bulk
00-00-60	11481	0.00	0.00	60.12		100	Mat	Bulk
08-24-24	10908	9.66	25.19	24.71		107	Blend	Bag
08-24-24	11178	11.09	26.76	20.47 *		106	Blend	Bag
08-24-24	11706	9.01	24.20	25.34		104	Blend	Bag
10-10-10	11179	9.90	10.15	9.71		99	Blend	Bag
10-10-10	11485	10.80	10.59	10.06		105	Blend	Bag
10-10-10	11948	10.32	10.67	9.73		103	Blend	Bag
13-13-13	11933	12.20	13.10	13.67		100	Blend	Bag
15-15-15	10246	14.79	14.74	16.36		102	Blend	Bag
15-15-15	11484	15.29	15.60	16.66		105	Blend	Bag
15-15-15	11764	15.80	14.28	15.01		100	Blend	Bag
15-15-15	11947	14.95	14.45	15.03		99	Blend	Bag
18-46-00	10484	17.96	46.50	0.00		101	Mat	Bulk
18-46-00	10486	17.82	46.76	0.00		101	Mat	Bulk
18-46-00	11482	17.58	46.08	0.00		99	Mat	Bulk
19-19-19	11180	20.87	20.08	16.80 *		102	Blend	Bag
33-00-00	11486	36.25	0.00	0.00		110	Blend	Bag
33-00-00	11763+	31.86	0.00	0.00		97 *	Blend	Bag
34-00-00	10426	34.28	0.00	0.00		101	Mat	Bulk
34-00-00	11480	34.26	0.00	0.00		101	Mat	Bulk
46-00-00	10428	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	11483	46.07	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.59	102.30	100.37				
ALL SAMPLES,CV %		9.55	4.15	6.74				
NUMBER OF ANALYSIS		21	15	15				
Deficiency Rate = 12.50 %								

AG PELLETS LLC STEPHENSPORT KY 40170								
04-03-02	11982	4.40	2.46	2.63		104	Mnfr	Bulk

AG/GRO FERTILIZER CO. (HILL ST.) WINCHESTER KY 40391								
05-10-10	11321	5.27	9.97	9.99		101	Blend	Bag
05-10-10	11459	5.24	10.03	10.33		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
AG/GRO FERTILIZER CO. (HILL ST.) WINCHESTER KY 40391								
05-10-10	11909	5.02	10.07	9.97		100	Blend	Bag
05-10-15	11744	6.55	11.95	16.46	*	116	Blend	Bag
05-20-20	11789	5.18	19.66	19.91		99	Blend	Bag
05-20-20	11942	7.89	20.76	19.74		108	Blend	Bag
06-12-12	11458	6.27	11.49	11.71		98	Blend	Bag
06-12-12	12018	5.56	12.05	11.75		98	Blend	Bag
09-18-27	11746	9.11	18.10	26.99		100	Blend	Bag
09-18-27	12500	9.36	17.88	26.76		100	Blend	Bag
10-10-10	10634	8.73 *	8.70 *	10.84		93 *	Blend	Bag
10-10-10	10932	10.96	10.36	10.91		107	Blend	Bag
10-10-10	11429	9.03 *	8.31 *	11.47		95 *	Blend	Bag
10-10-10	11450	10.58	10.33	10.48		105	Blend	Bag
10-10-10	11456	11.80	12.67	10.25		117	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 5								
Average Analysis :		10.22	10.07	10.79		103.3		
CV, %		12.79	17.1	4.31				
10-20-10	11792	9.76	20.27	9.43		99	Blend	Bag
10-20-10	11795	9.67	20.34	10.08		100	Blend	Bag
10-20-20	11799	10.02	20.65	19.87		101	Blend	Bag
10-20-20	12023	10.62	20.93	19.34		102	Blend	Bag
10-20-20	12024	10.04	20.03	19.77		100	Blend	Bag
12-12-12	11430	11.87	11.63	12.87		101	Blend	Bag
12-12-12	11457	12.30	12.02	12.22		101	Blend	Bag
12-12-12	11910	12.59	11.89	11.76		101	Blend	Bag
12-12-12	12022	11.65	13.14	11.74		102	Blend	Bag
14-32-11	11793	13.89	32.72	10.20		100	Blend	Bag
14-32-11	11794	13.35	32.40	11.47		100	Blend	Bag
15-15-15	11431	14.90	15.60	15.23		102	Blend	Bag
15-15-15	11800	14.02	14.96	15.28		98	Blend	Bag
15-15-15	11935	15.29	14.97	14.19		99	Blend	Bag
16-27-14	12027	15.65	27.52	13.76		100	Blend	Bag
16-27-14	12029	15.85	26.95	14.44		100	Blend	Bag
18-46-00	12028	17.39	45.59	0.00		98	Blend	Bag
19-19-19	10633	18.96	19.51	19.10		101	Blend	Bag
19-19-19	10931	17.68	20.82	19.44		102	Blend	Bag
19-19-19	11449	18.47	20.66	19.59		103	Blend	Bag
19-19-19	11745	18.03	19.62	20.45		102	Blend	Bag
19-19-19	11790	18.65	19.47	19.70		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	11796	18.30	20.24	17.87		99	Blend	Bag
19-19-19	11898	18.97	18.70	19.37		100	Blend	Bag
19-19-19	11937	18.78	19.19	19.49		101	Blend	Bag
19-19-19	11943	17.79	17.78	20.40		98	CM	Bag
19-19-19	11998	20.00	19.04	18.45		101	Blend	Bag
19-19-19	12015	18.50	19.04	18.97		99	Blend	Bag
19-19-19	12019	18.85	18.94	19.27		100	Blend	Bag
19-19-19	12498	18.08	19.96	19.61		101	Blend	Bag
19-19-19	12568	17.88	19.33	20.36		101	Blend	Bag
19-19-19	12569	18.66	20.08	19.47		102	Blend	Bag
19-19-19	12570	19.15	19.94	19.74		103	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 16								
Average Analysis :		18.55	19.52	19.46		100.8		
CV, %		3.21	3.93	3.46				
19-35-08	12025	18.71	33.86	8.06		98	Blend	Bag
19-35-08	12026	18.40	34.72	7.76		98	Blend	Bag
27-00-00	10635	26.80	0.00	0.00		99	Mat	Bag
27-00-00	11788	27.07	0.00	0.00		100	Blend	Bag
27-00-00	12020	27.22	0.00	0.00		101	Mat	Bag
27-00-00	12499	27.27	0.00	0.00		101	Blend	Bag
27-00-00	12680	27.59	0.00	0.00		102	Mat	Bag
Statistical Analysis for Grade : 27-00-00								
Number of Samples This Grade : 5								
Average Analysis :		27.19	0.00	0.00		100.7		
CV, %		1.06	0	0				
34-00-00	11477	34.46	0.00	0.00		101	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.17	101.73	101.47				
ALL SAMPLES,CV %		9.91	6.28	4.34				
NUMBER OF ANALYSIS		56	50	49				
Deficiency Rate = 3.57 %								

AGRI-CHEM, INC (BARD) BARDWELL KY 42023								
09-23-30	10378	9.10	22.59	30.10		100	CM	Bulk

AGRI-CHEM, INC. (HERN) HERNDON KY 42236								
05-27-27	10021+	5.73	27.72	27.83		101	CM	Bulk
05-27-27	10022+	5.86	28.19	26.81		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRI-CHEM, INC. (HERN)		HERNDON KY 42236						
05-27-27	10024+	5.54	26.84	28.15		100	CM	Bulk
05-27-27	10025+	5.83	27.75	27.69		101	CM	Bulk
05-27-27	10026+	5.72	27.39	28.03		101	CM	Bulk
Statistical Analysis for Grade : 05-27-27								
Number of Samples This Grade : 5								
Average Analysis :		5.74	27.58	27.70		100.6		
CV, %		2.19	1.82	1.91				
06-28-24	10019+	5.85	28.99	25.54		101	CM	Bulk
06-28-24	10020+	6.01	29.26	24.95		100	CM	Bulk
06-28-24	10030+	6.07	28.91	25.09		100	CM	Bulk
06-28-24	10031+	6.05	28.82	25.21		100	CM	Bulk

AGRI-CHEM, INC. (HOPK)		HOPKINSVILLE KY 42240						
00-00-50	11765	0.00	0.00	50.73		101	Mat	Bulk
00-00-60	10028	0.00	0.00	59.34		99	Mat	Bulk
00-00-60	10418	0.00	0.00	61.23		102	Mat	Bulk
00-00-60	10435	0.00	0.00	59.52		99	Mat	Bulk
00-00-60	10446	0.00	0.00	59.99		100	Mat	Bulk
00-00-60	10753	0.00	0.00	61.59		103	Mat	Bulk
00-00-60	10757	0.00	0.00	59.76		100	Mat	Bulk
00-00-60	11767	0.00	0.00	60.25		100	Mat	Bulk
00-00-60	12323	0.00	0.00	60.15		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 8								
Average Analysis :		0.00	0.00	60.23		100.4		
CV, %		0	0	1.32				
03-17-17	10235	4.26	17.41	17.74		103	CM	Bulk
03-17-17	10236	4.14	17.12	16.93		100	CM	Bulk
05-15-15	10369	6.95	14.48	15.82		103	CM	Bulk
05-15-15	10370	6.55	15.93	16.39		107	CM	Bulk
06-29-25	10234	6.28	28.93	26.67		101	CM	Bulk
08-22-30	12087	9.07	22.83	30.80		101	CM	Bulk
08-22-30	12088	8.76	22.02	31.68		100	CM	Bulk
09-23-30	12081	9.46	23.84	28.77		101	CM	Bulk
10-25-26	12082	9.78	25.77	26.33		99	CM	Bulk
10-27-23	12084	10.65	27.77	24.01		100	CM	Bulk
10-27-23	12085	10.98	27.34	24.02		100	CM	Bulk
10-27-23	12086	10.62	27.90	23.71		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRI-CHEM, INC. (HOPK)	HOPKINSVILLE KY		42240					
10-34-00	11705	10.20	33.03	0.00		98	Mat	Liq
11-52-00	10027	10.77	52.24	0.00		100	Mat	Bulk
17-06-06	10368	17.27	6.56	6.58		102	CM	Bulk
18-46-00	10417	18.57	45.87	0.00		101	Mnfr	Bulk
18-46-00	10433	18.26	46.51	0.00		101	Mat	Bulk
18-46-00	10434	17.78	47.20	0.00		102	Mat	Bulk
18-46-00	10445	17.88	45.99	0.00		100	Mat	Bulk
18-46-00	10751	17.89	45.91	0.00		100	Mat	Bulk
18-46-00	10754	17.79	45.84	0.00		99	Mat	Bulk
18-46-00	10756	18.04	45.91	0.00		100	Mat	Bulk
18-46-00	11766	17.74	46.47	0.00		100	Mat	Bulk
18-46-00	12321	18.14	45.89	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 9								
Average Analysis :		18.01	46.18	0.00		100.3		
CV, %		1.52	1	0				
26-14-14	12083	26.39	14.48	14.30		101	CM	Bulk
28-00-00	10619	28.15	0.00	0.00		101	Mat	Liq
29-27-00	11704	28.77	27.27	0.00		99	CM	Bulk
32-00-00	10750	32.36	0.00	0.00		101	Mat	Liq
32-00-00	10995	32.32	0.00	0.00		101	Mat	Liq
46-00-00	10416	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10436	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10437	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10444	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	10752	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	10755	45.72	0.00	0.00		99	Mat	Bulk
46-00-00	11768	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	12322	45.95	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 8								
Average Analysis :		46.06	0.00	0.00		100.1		
CV, %		0.38	0	0				

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRI-CHEM, INC. (HOPK) HOPKINSVILLE KY 42240								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.43	100.24	101.48				
ALL SAMPLES,CV %		4.66	2.78	2.79				
NUMBER OF ANALYSIS		37	26	23				
Deficiency Rate = 0.00 %								

AGRI-CHEM, INC. (PRIN) PRINCETON KY 42445								
09-23-23	12256	9.75	23.75	24.02		100	CM	Bulk
09-23-23	12257	10.00	23.91	24.02		101	CM	Bulk
10-26-26	12258	9.61	24.98	26.60		98	CM	Bulk
10-26-26	12263	10.46	25.00	27.02		100	CM	Bulk
10-26-26	12264	9.57	24.03 *	28.20		98	CM	Bulk
19-18-18	12265	19.13	19.89	18.98		100	CM	Bulk
19-18-18	12266	19.12	20.14	19.27		101	CM	Bulk
19-19-19	12262	20.78	19.44	17.75 *		100	CM	Bulk
24-15-15	12255	24.58	16.03	15.65		101	CM	Bulk
24-15-15	12261	24.24	16.53	15.63		101	CM	Bulk
29-11-11	12259	29.16	11.08	12.93		99	CM	Bulk
29-11-11	12260	29.57	12.61	12.30		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.64	100.39	102.00				
ALL SAMPLES,CV %		4.59	5.19	4.56				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 16.67 %								

AGRIGRO FARM CTR, INC HARTFORD KY 42347								
00-00-60	11408	0.00	0.00	60.79		101	Mat	Bulk
00-00-60	11412	0.00	0.00	61.23		102	Mat	Bulk
00-13-41	12562	0.00	14.20	42.60		102	CM	Bulk
00-46-00	11409	0.00	45.49	0.00		99	Mat	Bulk
09-18-28	12528	9.52	18.97	28.03		100	CM	Bulk
09-18-28	12529	9.45	17.99	28.82		100	CM	Bulk
09-23-30	12524	9.02	22.51	30.72		100	CM	Bulk
09-23-30	12525	9.52	24.84	27.25 *		100	CM	Bulk
09-23-30	12526	9.28	22.37	30.51		100	CM	Bulk
09-23-30	12527	8.56	22.09	31.21		99	CM	Bulk
09-23-30	12560	9.53	23.12	30.16		101	CM	Bulk
09-23-30	12561	9.05	22.31	31.55		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRIGRO FARM CTR, INC HARTFORD KY 42347								
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		9.16	22.87	30.23		100.4		
CV, %		4	4.48	5.11				
12-20-27	12523	15.83	19.46	24.06 *		99	CM	Bulk
12-20-27	12537	15.75	19.49	24.58 *		100	CM	Bulk
18-46-00	11411	17.64	46.10	0.00		100	Mat	Bulk
46-00-00	11410	46.01	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.00	98.58	99.46				
ALL SAMPLES,CV %		9.04	3.83	5.43				
NUMBER OF ANALYSIS		12	13	13				
Deficiency Rate = 18.75 %								

AGRIPORT TERMINAL EDDYVILLE KY 42038								
00-00-60	10183	0.00	0.00	59.89		100	Mat	Bulk
00-00-60	10656	0.00	0.00	60.25		100	Mat	Bulk
00-00-60	10892	0.00	0.00	60.15		100	Mat	Bulk
00-00-60	11849	0.00	0.00	60.71		101	Mat	Bulk
09-23-30	10066	8.49	22.78	31.52		101	CM	Bulk
09-23-30	10067	8.45	23.16	31.48		102	CM	Bulk
09-23-30	11883	9.06	23.54	29.37		100	CM	Bulk
09-23-30	11884	9.08	23.03	30.23		101	CM	Bulk
11-52-00	10184	10.51	51.55	0.00		98	Mat	Bulk
18-46-00	10185	17.85	45.66	0.00		99	Mat	Bulk
18-46-00	10655	17.64	45.40	0.00		99	Mat	Bulk
18-46-00	10657	18.17	45.32	0.00		99	Mat	Bulk
18-46-00	10893	18.24	47.51	0.00		103	Mat	Bulk
18-46-00	10894	18.37	46.59	0.00		101	Mat	Bulk
18-46-00	11850	17.63	45.53	0.00		99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 6								
Average Analysis :		17.98	46.00	0.00		100.0		
CV, %		1.78	1.89	0				
28-00-00	10658	27.95	0.00	0.00		100	Mat	Liq
28-00-00	10740	28.15	0.00	0.00		101	Mnfr	Liq
28-12-12	11846	27.44	13.16	14.11		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRIPORT TERMINAL		EDDYVILLE KY 42038						
28-12-12	11848	28.10	12.69	13.53		100	CM	Bulk
28-12-12	11852	27.29	13.86	13.41		101	CM	Bulk
30-07-13	11885	29.61	8.24	15.31		101	CM	Bulk
30-07-13	11886	29.51	7.67	15.01		99	CM	Bulk
32-00-00	11076	31.88	0.00	0.00		100	Mat	Liq
32-00-00	11847	32.22	0.00	0.00		101	Mat	Liq
46-00-00	11851	46.15	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.56	101.19	103.90				
ALL SAMPLES,CV %		2.5	2.97	4.05				
NUMBER OF ANALYSIS		21	16	13				
Deficiency Rate = 0.00 %								

AGRIUM ADVANCED TECHNOLOGIES US INC		REESE MI 48757-9340						
00-00-00	10696+	0.00	0.00	0.00			Mat	Bag
00-00-00	10957+	0.00	0.00	0.00			Mnfr	Bag
00-00-00	10959+	0.00	0.00	0.00			Blend	Bag
00-00-00	12177+	0.00	0.00	0.00			Mat	Bag
02-00-00	12161+	2.89	0.00	0.00		144	Mat	Bag
02-00-00	12175+	2.65	0.00	0.00		132	Mat	Bag
02-00-00	12328+	2.51	0.00	0.00		126	Mnfr	Bag

AGRIUM U.S. INC. (DENV)		DENVER CO 80237						
00-00-60	10854	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	10855	0.00	0.00	60.33		101	Mat	Bulk
00-00-60	10856	0.00	0.00	60.44		101	Mat	Bulk
00-00-60	10857	0.00	0.00	58.65		98	Mat	Bulk
13-13-13	12508+	12.65	13.25	13.31		100	Mnfr	Bag
18-08-00	10821+	17.18	9.10	0.00		101	Mat	Bulk
18-46-00	10850	17.39	45.65	0.00		98	Mat	Bulk
18-46-00	10851	17.34	45.96	0.00		99	Mat	Bulk
18-46-00	10852	17.44	45.85	0.00		99	Mat	Bulk
18-46-00	10853	17.47	45.99	0.00		99	Mat	Bulk
18-46-00	11946	17.80	45.41	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRIUM U.S. INC. (DENV) DENVER CO 80237								
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 5								
Average Analysis :		17.49	45.77	0.00		98.8		
CV, %		1.05	0.53	0				
44-00-00	10142+	45.11	0.00	0.00		103	Mat	Bulk
44-00-00	10747+	44.63	0.00	0.00		101	Mat	Bulk
44-00-00	10765+	44.95	0.00	0.00		102	Mat	Bulk
44-00-00	10822+	44.94	0.00	0.00		102	Mat	Bulk
44-00-00	10951+	44.61	0.00	0.00		101	Mat	Bulk
44-00-00	10981+	45.05	0.00	0.00		102	Mat	Bulk
44-00-00	11090+	44.53	0.00	0.00		101	Mat	Bulk
44-00-00	11104+	44.47	0.00	0.00		101	Mat	Bulk
44-00-00	11345+	45.09	0.00	0.00		102	Mat	Bulk
44-00-00	11392+	44.60	0.00	0.00		101	Mat	Bulk
44-00-00	11441+	45.02	0.00	0.00		102	Mat	Bulk
44-00-00	12305+	44.58	0.00	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 44-00-00								
Number of Samples This Grade : 12								
Average Analysis :		44.80	0.00	0.00		101.8		
CV, %		0.55	0	0				
46-00-00	11137	45.80	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.99	101.88	100.33				
ALL SAMPLES,CV %		2.47	5.23	1.66				
NUMBER OF ANALYSIS		20	7	5				
Deficiency Rate = 0.00 %								

AGRO CULTURE LIQUID FERT. ST. JOHNS MI 48879								
02-01-06	11866	3.35	2.16	6.79		140	Blend	Liq
02-01-06	12422	3.80	1.24	7.61		142	Mnfr	Liq
02-01-06	12471	3.49	1.09	6.83		129	Blend	Liq
09-24-03	10310	9.27	23.93	3.10		101	Mnfr	Liq
09-24-03	11865+	9.13	23.38	3.08		99	Blend	Liq
09-24-03	12421+	9.53	23.53	3.08		100	Mnfr	Liq
09-24-03	12470+	9.96	24.00	2.92		103	Blend	Liq
12-03-03	12473+	11.33	3.20	3.80		101	Blend	Liq

ALLEN COUNTY FARMERS SERVICE SCOTTSVILLE KY 42164								
17-08-29	11005	18.58	8.07	30.05		100	CM	Bulk
19-19-19	10999	19.01	19.67	20.03		101	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	11002	18.99	19.28	20.70		101	CM	Bulk
23-18-14	11000	23.29	19.27	14.87		101	CM	Bulk
23-18-14	11001	23.11	19.68	14.65		101	CM	Bulk
25-12-16	10998	24.79	11.87	18.35		100	CM	Bulk
25-16-12	10997+	27.75	15.79	11.83 *		100	CM	Bulk
25-16-12	11003+	26.15	16.29	13.35		100	CM	Bulk
25-16-12	11004+	26.01	16.22	13.42		100	CM	Bulk
27-13-13	11006	26.98	13.54	14.28		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.16	97.81	103.42				
ALL SAMPLES,CV %		3.2	4.18	4.63				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

ALLEN COUNTY FEED & SEED, INC. SCOTTSVILLE KY 42164								
17-13-17	12079	17.26	12.92	18.63		101	CM	Bulk
18-11-17	12077	19.68	13.79	14.38 *		100	CM	Bulk
18-11-17	12078	18.77	12.19	16.23		100	CM	Bulk
19-19-19	11836	19.25	19.68	18.78		99	CM	Bulk
23-11-11	11944	23.06	11.31	12.36		100	CM	Bulk
23-11-11	11945	22.32	12.33	12.23		100	CM	Bulk

AMERICAN PLANT FOOD CORPORATION GALENA PARK TX 77547								
06-24-24	10989	6.25	22.32 *	24.74		98	Blend	Bag
06-24-24	11703	5.92	24.85	23.43		101	Blend	Bag
33-00-00	10990+	32.70	0.00	0.00		99	Blend	Bag

ANDERSON CO FARM SVC LAWRENCEBURG KY 40342								
00-00-60	11553	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	12514	0.00	0.00	61.51		103	Mat	Bulk
18-46-00	11552	18.00	46.67	0.00		101	Mat	Bulk
18-46-00	12513	18.26	45.21	0.00		99	Mat	Bulk
34-00-00	12515	33.93	0.00	0.00		101	Mat	Bulk

B-G FERTILIZER LLC CINCINNATI OH 45233								
46-00-00	12432	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	12435	45.92	0.00	0.00		100	Mat	Bulk

BAICOR, L.C. LOGAN UT 84321								
03-07-17	12621	3.23	20.62	16.95		158	Mnfr	Liq

BALLARD COUNTY COOPERATIVE LA CENTER KY 42056								
00-00-60	11843	0.00	0.00	59.69		99	Mat	Bulk
00-00-60	12111	0.00	0.00	61.52		103	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

BALLARD COUNTY COOPERATIVE LA CENTER KY 42056								
05-14-18	10330	6.24	14.50	20.08		106	CM	Bulk
08-21-32	11839	7.80	20.37	33.87		100	CM	Bulk
08-21-32	11841	7.92	20.44	33.45		99	CM	Bulk
09-23-30	11838	8.54	21.93	31.93		100	CM	Bulk
09-23-30	12114	8.71	22.52	30.15		99	CM	Bulk
11-17-30	12113	11.01	17.93	29.03		100	CM	Bulk
13-18-24	12108	13.02	18.11	25.38		100	CM	Bulk
13-18-24	12109	13.77	18.36	23.58		99	CM	Bulk
18-46-00	11844	17.57	45.27	0.00		98	Mat	Bulk
18-46-00	12112	18.10	46.18	0.00		100	Mat	Bulk
18-46-00	12115	18.42	46.00	0.00		101	Mat	Bulk
25-07-10	11837	24.68	7.61	11.13		100	CM	Bulk
25-07-10	11840	24.81	7.59	11.24		100	CM	Bulk
34-00-00	11842	33.09	0.00	0.00		97	Mat	Bulk
34-00-00	12110	33.00	0.00	0.00		97	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.03	98.75	104.22				
ALL SAMPLES,CV %		4.5	2.53	4.71				
NUMBER OF ANALYSIS		15	13	12				
Deficiency Rate = 0.00 %								

BANDANA AG INC. BANDANA KY 42022								
00-00-60	10447	0.00	0.00	61.63		103	Mat	Bulk
00-00-60	10449	0.00	0.00	59.89		100	Mat	Bulk
00-00-60	12121	0.00	0.00	60.57		101	Mat	Bulk
06-15-40	12118	5.80	14.43	40.72		99	CM	Bulk
06-15-40	12124	5.70	14.96	40.39		99	CM	Bulk
07-19-34	12123	7.05	19.21	36.10		101	CM	Bulk
09-23-30	10331	8.55	23.07	31.00		101	CM	Bulk
09-23-30	12116	8.95	23.53	29.39		100	CM	Bulk
13-00-23	11845	14.01	0.00	23.99		102	CM	Bulk
13-11-30	12127	13.30	11.44	29.72		100	CM	Bulk
18-46-00	10448	17.81	45.68	0.00		99	Mat	Bulk
18-46-00	12120	17.84	45.97	0.00		100	Mat	Bulk
22-10-13	12117	21.90	10.90	13.92		100	CM	Bulk
22-10-13	12119	21.36	10.66	15.03		100	CM	Bulk
24-08-11	12125	24.35	8.92	11.12		100	CM	Bulk
24-08-11	12126	23.99	8.90	11.89		100	CM	Bulk
32-00-00	11338	31.64	0.00	0.00		99	Mat	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
BANDANA AG INC. BANDANA KY 42022								
34-00-00	10450	33.86	0.00	0.00		100	Mat	Bulk
34-00-00	12122	33.36	0.00	0.00		98	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.96	100.05	101.84				
ALL SAMPLES,CV %		2.96	2.71	2.9				
NUMBER OF ANALYSIS		16	12	14				
Deficiency Rate = 0.00 %								
BAYER ADVANCED, BU OF BCS LP RESEARCH TRIANGLE PK NC 27709								
08-12-04	11779+	7.17 *	7.71 *	3.07 *		75 *	Blend	Bag
BICKETT AGRI CTR. CENTRAL CITY KY 42330								
09-23-30	12460	9.03	22.96	29.92		100	CM	Bulk
09-23-30	12461	8.70	23.22	29.98		100	CM	Bulk
09-23-30	12462	8.97	21.95	31.32		100	CM	Bulk
09-23-30	12463	9.01	22.39	30.99		100	CM	Bulk
09-23-30	12465	8.70	22.74	31.01		100	CM	Bulk
09-23-30	12466	9.05	22.66	30.69		100	CM	Bulk
09-23-30	12467	8.53	21.79	31.48		99	CM	Bulk
09-23-30	12468	9.26	23.21	29.81		101	CM	Bulk
09-23-30	12469	8.66	22.96	30.53		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 9								
Average Analysis :		8.88	22.65	30.64		100.1		
CV, %		2.69	2.28	2.03				
11-28-14	12464	11.47	28.65	15.17		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.08	98.70	102.11				
ALL SAMPLES,CV %		2.86	2.25	1.91				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
BLOOMFIELD FERTILIZER CHEM CO., INC BLOOMFIELD KY 40008-0370								
13-00-31	12139	11.66 *	0.00	34.28		99	CM	Bulk
19-14-18	11814	18.93	15.74	18.61		101	CM	Bulk
20-14-18	11815	19.07	15.07	19.62		101	CM	Bulk
21-08-08	12140	21.61	9.00	9.68		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
BLOOMFIELD FERTILIZER CHEM CO., INC BLOOMFIELD KY 40008-0370								
21-08-08	12141	22.54	9.14	9.02		106	CM	Bulk
23-00-30	11821	24.67	0.00	29.40		102	CM	Bulk
29-10-13	11816	29.00	10.47	13.67		100	CM	Bulk
29-10-13	11817	29.57	11.13	13.35		102	CM	Bulk
BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004								
05-13-18	12131	5.83	14.38	18.16		103	CM	Bulk
05-13-18	12137	5.47	13.45	18.64		101	CM	Bulk
17-04-33	12136	17.69	4.47	34.11		101	CM	Bulk
21-09-23	12138	21.51	9.40	24.75		101	CM	Bulk
22-00-29	12132	22.79	0.00	30.28		100	CM	Bulk
23-13-17	12133	24.37	13.78	18.08		101	CM	Bulk
27-11-14	12130	28.35	10.92	15.01		101	CM	Bulk
27-11-14	12134	27.70	11.48	15.08		101	CM	Bulk
28-15-10	12128	27.87	15.08	9.47		99	CM	Bulk
28-15-10	12135	27.63	15.54	10.35		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.89	101.32	101.91				
ALL SAMPLES,CV %		2.94	2.6	2.34				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
BONIDE PRODUCTS, INC. ORISKANY NY 13424								
00-00-00	11533+	0.00	0.00	0.00			Blend	Bag
02-04-00	11921+	2.48	4.38	0.00		114	Mnfr	Liq
02-04-00	11950	2.49	4.37	0.00		114	Mnfr	Liq
03-05-04	11791+	3.07	6.13	10.81		160	Mnfr	Bag
04-12-00	11951+	6.71	16.14	0.00		143	Mnfr	Bag
BONNIE PLANTS UNION SPRINGS AL 36085								
08-04-04	11955	7.48	3.59	2.98 *		88 *	Mnfr	Liq
08-04-04	11990	7.46	3.56	2.66 *		86 *	Mnfr	Liq
BOYD FARM CTR. CROFTON KY 42217								
00-00-60	12416	0.00	0.00	60.86		101	Mat	Bulk
18-46-00	12418	18.04	45.26	0.00		99	Mat	Bulk
25-15-15	11707	24.61	15.37	16.39		101	CM	Bulk
26-14-14	12419	25.59	14.98	14.22		100	CM	Bulk
46-00-00	12417	45.97	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

BOYD FARM CTR. CROFTON KY 42217								

C & F FARM SUPPLY, INC. HISEVILLE KY 42152								
04-10-43	10630+	4.26	10.51	45.41		102	CM	Bulk
04-10-43	10631	4.46	10.51	44.39		100	CM	Bulk
04-11-44	10973+	4.77	11.04	44.28		100	CM	Bulk
14-08-29	10976	14.34	9.90	29.94		101	CM	Bulk
20-17-20	10977	19.69	17.45	20.58		100	CM	Bulk
23-11-11	10974	23.99	11.69	11.56		101	CM	Bulk
23-11-11	10975	24.07	11.13	11.68		100	CM	Bulk
23-11-11	10978	23.68	11.35	12.15		101	CM	Bulk
27-09-05	10909	27.83	9.52	5.40		101	CM	Bulk
29-17-05	10606	28.55	17.98	5.78		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.29	100.04	100.83				
ALL SAMPLES,CV %		3.72	4.62	2.05				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

C. D. POORE FERTILIZER ALBANY KY 42602								
00-00-60	10499	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	10501	0.00	0.00	60.28		100	Mat	Bulk
06-15-39	11578	5.84	15.03	41.34		101	CM	Bulk
10-10-10	12510	10.25	11.17	9.95		105	Blend	Bag
18-46-00	10496	17.55	46.34	0.00		100	Mat	Bulk
19-19-19	11575	18.42	18.91	20.34		99	CM	Bulk
19-19-19	11576	17.89	19.16	21.13		99	CM	Bulk
19-19-19	11580	18.37	19.21	20.57		100	CM	Bulk
19-19-19	12509	19.03	18.41	19.72		100	Blend	Bag
21-00-00	10500+	20.73	0.00	0.00		99	Mat	Bulk
21-15-20	11579	19.55 *	15.63	21.12		99	CM	Bulk
22-10-15	11573+	21.04	10.43	15.16		99	CM	Bulk
22-10-15	11574+	21.14	9.76	16.63		100	CM	Bulk
25-00-20	11577+	23.15 *	0.00	21.88		99	CM	Bulk
25-11-17	11581	24.14	11.26	19.40		100	CM	Bulk
25-11-17	11582	24.90	11.20	19.21		101	CM	Bulk
34-00-00	10498	33.33	0.00	0.00		98	Mat	Bulk
46-00-00	10497	46.01	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
C. D. POORE FERTILIZER ALBANY KY 42602								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.40	99.99	105.28				
ALL SAMPLES,CV %		3.14	4.25	3.69				
NUMBER OF ANALYSIS		16	12	14				
Deficiency Rate = 11.11 %								
CAMERON CHEMICALS, INC. PORTSMOUTH VA 23702-2313								
00-00-00	10029+	0.00	0.00	0.00			Mat	Bag
00-00-00	10796+	0.00	0.00	0.00			Mat	Bag
00-00-00	10797+	0.00	0.00	0.00			Mat	Bag
00-00-00	11043+	0.00	0.00	0.00			Blend	Bag
00-00-00	11634+	0.00	0.00	0.00			Mat	Bag
00-00-00	11802+	0.00	0.00	0.00			Mat	Bag
00-00-00	11984+	0.00	0.00	0.00			Mat	Bulk
00-00-00	12039+	0.00	0.00	0.00			Mat	Bag
00-00-00	12060+	0.00	0.00	0.00			Blend	Bag
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade : 9								
Average Analysis :		0.00	0.00	0.00		0.0		
CV, %		0	0	0				
CECILIA FARM SVC INC. CECILIA KY 42724								
06-15-37	11138+	6.22	15.74	39.02		103	CM	Bulk
09-23-22	11142+	8.97	21.18 *	26.14		101	CM	Bulk
09-23-30	11139	8.45	21.47 *	33.55		101	CM	Bulk
10-26-25	10366	10.34	25.85	26.07		100	CM	Bulk
10-26-25	10367	10.90	27.79	25.37		102	CM	Bulk
17-20-20	11132	17.36	19.62	23.05		101	CM	Bulk
18-18-18	11134	18.36	18.00	19.75		102	CM	Bulk
18-18-18	11140	18.68	18.53	20.76		102	CM	Bulk
19-19-19	11141	20.28	18.68	20.42		103	CM	Bulk
25-12-12	11133	27.34	12.52	13.35		104	CM	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		101.25	98.17	107.06				
ALL SAMPLES,CV %		3.78	4.39	4.82				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								

CEN FARMERS SUP. OF GREEN GREENSBURG KY 42743								
04-10-42	12678+	4.74	12.22	42.63		104	CM	Bulk
04-10-42	12679+	4.71	12.25	43.61		105	CM	Bulk
05-11-17	12059	7.94	16.18	13.89 *		105	CM	Bulk
11-07-11	12052	15.35	7.86	8.93 *		102	CM	Bulk
19-19-19	12057	19.99	18.65	19.29		100	CM	Bulk
24-00-14	12053	26.97	0.00	10.49 *		95 *	CM	Bulk
24-10-10	12677	23.87	10.95	11.76		102	CM	Bulk
28-13-13	12058	28.16	13.47	12.79		101	CM	Bulk
30-11-11	12054	31.21	10.85	10.68		100	CM	Bulk
30-11-11	12055	32.12	10.38	9.93 *		99	CM	Bulk
30-11-11	12056	31.62	12.57	10.54		104	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		110.36	107.77	92.88				
ALL SAMPLES,CV %		11.49	12.18	13				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 36.36 %								

CENTRAL CROP CARE CRAB ORCHARD KY 40419								
00-00-60	10731	0.00	0.00	60.53		101	Mat	Bulk
06-15-40	12326	6.03	15.52	40.47		101	CM	Bulk
18-46-00	10733	18.05	45.45	0.00		99	Mat	Bulk
21-08-23	12325+	21.03	12.35	22.38 *		104	CM	Bulk
46-00-00	10732	45.85	0.00	0.00		100	Mat	Bulk

CENTRAL KENTUCKY CROP SERVICE ST. FRANCIS KY 40062								
00-00-50	10887	0.00	0.00	46.08 *		92 *	Mat	Bulk
00-00-60	10885	0.00	0.00	60.57		101	Mat	Bulk
00-00-60	12518	0.00	0.00	60.57		101	Mat	Bulk
18-46-00	10886	17.64	45.61	0.00		99	Mat	Bulk
18-46-00	12517	17.87	44.91	0.00		98	Mat	Bulk
46-00-00	10884	46.12	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CENTRAL KENTUCKY CROP SERVICE ST. FRANCIS KY 40062								

CGB FERTILIZER JEFFERSONVILLE IN 47130								
00-00-60	10607	0.00	0.00	59.97		100	Mat	Bulk
00-00-60	10689	0.00	0.00	61.23		102	Mat	Bulk
00-00-60	10934	0.00	0.00	60.05		100	Mat	Bulk
00-00-60	10936	0.00	0.00	59.57		99	Mat	Bulk
00-00-60	11135	0.00	0.00	60.50		101	Mat	Bulk
00-00-60	11819	0.00	0.00	59.00		98	Mat	Bulk
00-00-60	12663	0.00	0.00	58.79		98	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 7								
Average Analysis :		0.00	0.00	59.87		99.8		
CV, %		0	0	1.41				
18-46-00	10688	18.22	44.70	0.00		98	Mat	Bulk
18-46-00	10938	17.92	45.45	0.00		99	Mat	Bulk
18-46-00	11818	17.56	44.79	0.00		97	Mat	Bulk
18-46-00	12665	17.75	45.61	0.00		99	Mat	Bulk
34-00-00	10691	33.67	0.00	0.00		99	Mat	Bulk
34-00-00	10935	33.00	0.00	0.00		99	Mat	Bulk
34-00-00	10937	33.20	0.00	0.00		99	Mat	Bulk
34-00-00	12181	33.45	0.00	0.00		100	Mat	Bulk
46-00-00	10608	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	10939	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	10940	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	11820	46.09	0.00	0.00		100	Mat	Bulk
46-00-00	12638	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	12664	46.20	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 6								
Average Analysis :		46.15	0.00	0.00		100.3		
CV, %		0.11	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.67	98.13	99.79				
ALL SAMPLES,CV %		1	1.02	1.41				
NUMBER OF ANALYSIS		14	4	7				
Deficiency Rate = 0.00 %								

CHEMSICO, DIV OF UNITED INDUSTRIES ST. LOUIS MO 63114								
29-03-04	11054+	27.86	3.18	4.50		98	Blend	Bag
30-03-03	11958+	25.09 *	3.77	3.31		89 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CHEMSICO, DIV OF UNITED INDUSTRIES ST. LOUIS MO 63114								

CLEMENTS AG SUPP. SPRINGFIELD KY 40069								
00-00-60	10552	0.00	0.00	59.84		100	Mat	Bulk
18-46-00	10551	17.72	45.98	0.00		100	Mat	Bulk
21-14-20	12358	20.35	14.16	22.14		100	CM	Bulk
21-14-20	12359	21.05	14.36	21.01		100	CM	Bulk
22-22-13	12354	21.46	22.23	14.39		100	CM	Bulk
22-22-13	12355	20.76	21.93	16.09		101	CM	Bulk
22-22-13	12356	21.57	22.23	14.03		100	CM	Bulk
22-22-13	12357	21.67	22.26	13.13		99	CM	Bulk
23-00-24	12350	22.06	0.00	25.30		100	CM	Bulk
23-00-25	12353	22.90	0.00	26.76		104	CM	Bulk
23-16-13	12352	23.03	16.50	14.41		101	CM	Bulk
24-00-27	12351	24.95	0.00	28.35		102	CM	Bulk
46-00-00	10550	45.90	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.12	100.09	105.71				
ALL SAMPLES,CV %		2.44	1.43	5.74				
NUMBER OF ANALYSIS		12	8	11				
Deficiency Rate = 0.00 %								

COMMUNITY FARM STORE, LLC SALEM KY 42078								
00-00-60	10987	0.00	0.00	59.71		100	Mat	Bulk
05-12-16	10275	5.20	11.95	17.30		101	CM	Bulk
05-12-16	10276	5.84	12.88	17.61		106	CM	Bulk
08-22-29	11070	8.92	22.36	29.09		101	CM	Bulk
09-23-30	11072	8.46	22.00	31.63		100	CM	Bulk
09-23-30	11073	8.59	22.37	31.26		100	CM	Bulk
11-13-17	10277	12.39	12.58	18.03		103	CM	Bulk
12-30-20	10994	12.04	30.23	20.61		100	CM	Bulk
18-46-00	10986	18.49	46.58	0.00		102	Mat	Bulk
20-14-19	11074	19.88	14.48	20.65		100	CM	Bulk
22-15-13	11071	21.75	15.97	14.71		101	CM	Bulk
22-15-13	11075	22.15	16.04	14.05		100	CM	Bulk
34-00-00	10988	34.00	0.00	0.00		100	Mat	Bulk
46-00-00	10985	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

COMMUNITY FARM STORE, LLC SALEM KY 42078								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.28	98.38	103.81				
ALL SAMPLES,CV %		5.66	2.61	2.47				
NUMBER OF ANALYSIS		13	11	11				
Deficiency Rate = 0.00 %								

CORBIN FARM & GARDEN CTR. CORBIN KY 40701								
19-19-19	10915	18.88	20.62	18.46		102	Blend	Bag

CP BIO INC CHINO CA 91710								
03-00-04	11882+	3.51	0.00	4.01		108	Mnfr	Liq

CROP PRODUCTION SERVICES RUSSELLVILLE KY 42276								
07-17-19	10165	6.36	15.54 *	20.63		100	CM	Bulk
09-22-29	11193+	7.68 *	20.63	32.39		101	CM	Bulk
09-22-29	11194+	7.73 *	20.66	32.04		101	CM	Bulk
09-24-28	10361	10.03	25.61	27.36		103	CM	Bulk
09-24-28	10362	8.48	22.26	31.49		103	CM	Bulk
09-24-28	10363	9.16	23.13	29.11		101	CM	Bulk
10-26-21	10355+	9.86	24.87	22.54		102	CM	Bulk
17-43-00	11187	16.39	42.94	0.00		99	CM	Bulk
17-43-00	11188	16.12	42.49	0.00		97	CM	Bulk
19-19-19	11189	19.86	18.87	20.81		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.62	97.09	107.62				
ALL SAMPLES,CV %		5.97	5	4.26				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate = 30.00 %								

CROP PRODUCTION SVC (CADIZ) CADIZ KY 42211								
10-26-26	10043	10.05	26.43	26.37		101	CM	Bulk
10-26-26	10044	10.01	26.01	27.16		102	CM	Bulk
18-17-21	12090+	17.16	17.67	21.22		101	CM	Bulk
19-19-19	11078	19.48	19.42	19.81		101	CM	Bulk
19-19-19	11079	19.31	20.22	19.61		102	CM	Bulk
22-10-21	12089+	20.68	10.55	22.29		101	CM	Bulk
24-14-14	11077	24.54	15.21	15.66		102	CM	Bulk
24-15-16	12091	23.82	16.31	15.99		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (CADIZ) CADIZ KY 42211								

CROP PRODUCTION SVC (ALL) ALLENSVILLE KY 42204								
05-13-11	10316	6.69	14.91	12.55		112	CM	Bulk
05-13-11	10318	5.63	13.38	13.15		106	CM	Bulk
05-14-11	10317	6.63	14.47	11.37		105	CM	Bulk
05-14-11	10319	6.48	13.89	11.06		101	CM	Bulk
09-22-30	10111	8.13	21.35	30.98		99	CM	Bulk
09-22-30	10112	8.12	21.28	31.96		101	CM	Bulk
10-27-24	10038	10.59	28.19	24.43		100	CM	Bulk
10-27-24	10068	10.24	27.26	26.24		101	CM	Bulk
10-27-24	11204	10.73	27.69	24.17		100	CM	Bulk
10-27-24	11205	10.53	27.33	24.92		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.97	99.58	104.34				
ALL SAMPLES,CV %		11.12	3.67	5.95				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (CLA) CLAY KY 42404-2167								
08-22-29	11402	9.46	23.19	29.78		101	CM	Bulk
08-22-30	11397	8.66	21.85	31.64		100	CM	Bulk
08-22-30	11398	9.00	22.79	30.21		100	CM	Bulk
08-22-30	11399	9.04	22.83	30.33		100	CM	Bulk
08-22-30	11400	8.90	22.74	30.28		100	CM	Bulk
08-22-30	11401	8.56	22.43	31.75		101	CM	Bulk
Statistical Analysis for Grade : 08-22-30								
Number of Samples This Grade : 5								
Average Analysis :		8.83	22.53	30.84		100.1		
CV, %		2.4	1.82	2.53				
09-23-29	12616	8.58	21.83	32.76		101	CM	Bulk
09-23-29	12617	9.01	23.09	30.33		101	CM	Bulk
19-19-19	11403	20.00	19.05	19.35		101	CM	Bulk

CROP PRODUCTION SVC (CLAR) CLARKSON KY 42726								
08-21-27	10683	8.80	21.04	27.86		100	CM	Bulk
16-11-30	10671	15.62	11.49	30.31		100	CM	Bulk
16-11-30	10672	16.24	11.36	30.04		100	CM	Bulk
19-19-19	10910	19.73	20.33	19.38		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (CLAR) CLARKSON KY 42726								
19-19-19	11265	19.59	20.08	18.76		101	CM	Bulk
19-19-19	11266	19.31	19.46	18.85		100	CM	Bulk
20-21-15	11268	20.41	22.83	15.51		101	CM	Bulk
21-17-17	11267	20.99	18.61	18.38		102	CM	Bulk
22-10-10	11269	22.61	11.12	11.06		104	CM	Bulk
25-15-15	11264	24.83	16.09	14.87		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.20	103.84	101.27				
ALL SAMPLES,CV %		2.63	3.66	3.38				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (CYN) CYNTHIANA KY 41031								
09-23-30	12170	8.91	21.96	31.27		100	CM	Bulk
20-00-10	12044+	19.45	0.00	10.33		100	CM	Bulk
20-00-10	12045+	19.70	0.00	9.78		99	CM	Bulk
23-00-30	12171	22.41	0.00	30.68		100	CM	Bulk
26-08-21	12160	26.19	7.67	19.75		99	CM	Bulk
34-00-16	12043	32.60	0.00	18.06		101	CM	Bulk
44-00-00	12166+	44.75	0.00	0.00		100	CM	Bulk
44-00-00	12167+	44.41	0.00	0.00		99	CM	Bulk
44-00-00	12168+	42.71 *	0.00	0.00		95 *	CM	Bulk
44-00-00	12169+	43.62	0.00	0.00		97	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.22	97.54	103.57				
ALL SAMPLES,CV %		1.59	3	5.44				
NUMBER OF ANALYSIS		10	2	6				
Deficiency Rate = 10.00 %								

CROP PRODUCTION SVC (EKR) EKRON KY 40117								
19-19-19	12149	20.11	19.64	18.52		101	CM	Bulk
23-17-14	12144	23.80	18.96	13.89		101	CM	Bulk
23-17-14	12145	23.75	18.49	14.49		101	CM	Bulk
30-12-09	12143	31.24	13.45	9.34		102	CM	Bulk
30-12-09	12146	29.98	13.97	10.04		102	CM	Bulk
30-12-09	12147	30.47	13.75	9.48		101	CM	Bulk
30-13-09	12150	30.50	14.88	8.84		102	CM	Bulk
31-10-10	12142	31.37	11.52	10.21		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (EKR)		EKRON KY 40117						
31-10-10	12148	31.12	11.46	10.29		101	CM	Bulk
31-10-10	12151	31.01	10.97	10.76		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.72	108.03	97.13				
ALL SAMPLES,CV %		1.74	3.62	2.85				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (FANC)		FANCY FARM KY 42039						
05-14-18	10278	6.40	14.90	19.08		104	CM	Bulk
05-14-18	10279	5.89	14.38	19.91		104	CM	Bulk
06-15-20	10280	6.30	14.93	21.28		103	CM	Bulk
06-15-20	10281	6.25	14.93	21.65		104	CM	Bulk
06-15-20	10305	6.89	15.58	21.85		105	CM	Bulk
09-23-30	10304	8.72	21.57 *	32.90		103	CM	Bulk
09-23-30	10306	9.15	22.88	30.67		101	CM	Bulk
09-23-30	11286	8.81	22.28	31.02		100	CM	Bulk
21-15-19	11285	21.23	15.56	20.15		101	CM	Bulk
21-15-19	11287	21.39	15.25	19.89		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.32	99.29	104.90				
ALL SAMPLES,CV %		5.64	3.15	2.72				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

CROP PRODUCTION SVC (FELTY)		BEAVER DAM KY 42320						
06-17-23	12276	7.21	17.33	23.83		101	CM	Bulk
07-18-33	12285+	7.15	18.71	33.94		103	CM	Bulk
09-23-30	12280	8.93	22.43	31.79		101	CM	Bulk
09-23-30	12282	9.25	23.12	31.39		103	CM	Bulk
09-23-30	12284	9.28	23.10	31.18		102	CM	Bulk
18-17-22	12281	17.72	17.94	23.12		101	CM	Bulk
19-19-19	12283	18.69	20.09	20.88		103	CM	Bulk
26-12-15	12277	25.66	11.84	16.54		99	CM	Bulk
30-11-10	12278	29.67	11.54	11.63		99	CM	Bulk
30-11-10	12279	30.18	12.31	11.09		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (FELTY) BEAVER DAM KY 42320								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.49	100.89	104.74				
ALL SAMPLES,CV %		2.89	3.03	1.82				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (FRA) FRANKLIN KY 42134								
08-19-34	10119	6.42 *	17.10 *	38.17		102	CM	Bulk
08-19-34	10120	6.53 *	17.92	36.24		100	CM	Bulk
08-19-34	10121	6.63 *	17.23 *	36.50		100	CM	Bulk
08-19-34	10122	6.65 *	17.14 *	36.46		99	CM	Bulk
08-19-34	10123	6.58 *	17.24 *	37.33		101	CM	Bulk
Statistical Analysis for Grade : 08-19-34								
Number of Samples This Grade : 5								
Average Analysis :		6.56	17.32	36.94		100.3		
CV, %		1.42	1.95	2.17				
09-23-31	10113	7.90 *	20.76 *	35.62		103	CM	Bulk
09-23-31	10114	8.26	20.88 *	34.53		102	CM	Bulk
12-32-17	10347	13.21	34.53	16.12 *		100	CM	Bulk
12-32-17	10348	13.03	34.21	17.59		102	CM	Bulk
12-32-17	10349	13.12	33.94	16.79		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		92.29	94.55	104.76				
ALL SAMPLES,CV %		7.49	7.15	7.24				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 80.00 %								

CROP PRODUCTION SVC (GLEN) GLENDALE KY 42740								
10-26-26	10289	10.38	27.17	25.74		100	CM	Bulk
10-26-26	10290	10.37	27.14	25.71		100	CM	Bulk
10-26-26	10291	10.53	26.85	25.73		100	CM	Bulk
10-27-24	12393	10.66	27.40	25.03		100	CM	Bulk
15-18-25	12392	15.58	19.87	24.95		101	CM	Bulk
19-19-19	12391	19.30	19.37	19.35		99	CM	Bulk
20-17-20	11143	20.21	17.40	22.00		103	CM	Bulk
20-17-20	11144	20.96	18.27	20.94		104	CM	Bulk
31-12-08	12394	30.65	13.51	8.67		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (GLEN)		GLENDALE KY 42740						
31-12-08	12395	30.73	13.21	8.66		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.22	102.87	100.50				
ALL SAMPLES,CV %		2.29	2.71	3.38				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (GUTH)		GUTHRIE KY 42234						
06-31-23	10069	6.23	30.47	25.70		101	CM	Bulk
06-31-23	10070	6.27	30.74	25.29		101	CM	Bulk
06-31-23	10071	6.41	31.33	24.58		101	CM	Bulk
06-31-23	10072	6.38	31.08	24.96		101	CM	Bulk
10-27-24	10350	10.17	28.32	24.92		100	CM	Bulk
10-27-24	10351	10.83	28.21	24.06		100	CM	Bulk
10-27-24	10352	10.39	27.25	24.75		99	CM	Bulk
10-27-24	10353	10.54	28.36	24.67		100	CM	Bulk
14-35-12	10115	13.27	35.40	13.54		102	CM	Bulk
14-35-12	10116	13.48	35.23	13.10		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.46	100.22	103.91				
ALL SAMPLES,CV %		1.89	1.79	4.98				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (HARD)		HARDIN KY 42048						
05-14-18	10250	5.91	14.46	24.46		120	CM	Bulk
05-14-18	10251	6.23	14.24	19.93		107	CM	Bulk
05-14-18	10252	6.26	14.28	18.30		102	CM	Bulk
05-14-18	10253	5.71	13.80	20.45		106	CM	Bulk
09-23-30	10249	9.53	23.70	29.76		101	CM	Bulk
09-23-30	12308	8.81	22.77	30.70		100	CM	Bulk
09-23-30	12309	8.72	22.49	32.43		102	CM	Bulk
14-21-23	12506	14.13	21.99	24.09		101	CM	Bulk
14-21-23	12507	13.91	22.52	24.30		101	CM	Bulk

CROP PRODUCTION SVC (HEND)		HENDERSON KY 42420						
00-00-60	10048	0.00	0.00	60.99		102	Mat	Bulk
00-00-60	10139	0.00	0.00	60.56		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (HEND)		HENDERSON KY 42420						
00-00-60	10141	0.00	0.00	60.07		100	Mat	Bulk
00-00-60	10189	0.00	0.00	60.64		101	Mat	Bulk
18-46-00	10049	17.91	46.12	0.00		100	Mat	Bulk
18-46-00	10050	17.90	46.24	0.00		100	Mat	Bulk
18-46-00	10140	17.52	47.01	0.00		100	Mat	Bulk
18-46-00	10186	18.08	44.83	0.00		99	Mat	Bulk
18-46-00	10188	17.89	46.33	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 5								
Average Analysis :		17.86	46.11	0.00		99.9		
CV, %		1.15	1.72	0				

CROP PRODUCTION SVC (HENDERSON)		HENDERSON KY 42420						
08-20-32	10345	7.88	20.51	32.19		98	CM	Bulk
08-20-32	10346	7.90	20.58	35.48		104	CM	Bulk
08-21-32	10143	8.88	22.65	33.48		105	CM	Bulk
08-21-32	10145	7.95	20.77	33.56		101	CM	Bulk
08-21-32	10146	8.04	20.75	33.39		101	CM	Bulk
08-21-32	10214	7.86	21.86	32.15		100	CM	Bulk
08-21-32	10215	8.52	22.33	32.16		102	CM	Bulk
Statistical Analysis for Grade : 08-21-32								
Number of Samples This Grade : 5								
Average Analysis :		8.25	21.67	32.95		101.7		
CV, %		5.27	4.05	2.2				
08-22-30	10259	8.87	21.71	31.96		102	CM	Bulk
08-22-30	10260	8.84	22.25	31.83		102	CM	Bulk
09-23-30	10144	9.08	23.14	30.14		101	CM	Bulk
09-23-30	10344	8.85	23.17	31.08		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.37	99.63	103.30				
ALL SAMPLES, CV %		3.52	3.48	3.03				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (HOD)		HODGENVILLE KY 42748						
05-13-13	10262	5.30	13.05	13.93		97	CM	Bulk
05-13-13	10263	5.50	13.86	13.93		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (HOD)		HODGENVILLE KY 42748						
05-13-13	10294	5.40	13.20	13.26		96 *	CM	Bulk
05-13-13	10295	5.78	14.85	14.62		106	CM	Bulk
05-13-13	10296	6.80	16.43	15.53		116	CM	Bulk
05-13-13	10297	6.70	15.83	15.54		114	CM	Bulk
Statistical Analysis for Grade : 05-13-13								
Number of Samples This Grade : 6								
Average Analysis :		5.91	14.54	14.47		105.0		
CV, %		11.3	9.63	6.45				
08-08-12	10293	8.87	9.69	12.84		104	CM	Bulk
08-21-32	11385	8.85	21.87	32.46		102	CM	Bulk
08-21-32	11386	8.80	21.23	33.25		102	CM	Bulk
08-22-30	11383	8.92	22.26	32.01		102	CM	Bulk
14-22-22	11384	15.56	22.40	22.82		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.93	103.18	103.84				
ALL SAMPLES,CV %		8.84	7.47	4.72				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 9.09 %								

CROP PRODUCTION SVC (HOR)		HORSECAVE KY 42749						
16-23-19	11262	16.86	23.33	19.45		100	CM	Bulk
19-19-19	11260	20.40	20.61	17.66 *		102	CM	Bulk
19-19-19	11263	19.29	20.22	18.99		101	CM	Bulk
19-19-19	11378	19.49	19.48	20.04		101	CM	Bulk
19-19-19	11811	19.38	20.30	19.33		102	CM	Bulk
27-13-13	11261	27.11	13.28	14.10		100	CM	Bulk
27-13-13	11379	27.22	13.29	13.57		99	CM	Bulk
27-13-13	11380	27.29	13.69	14.13		101	CM	Bulk
28-13-13	11812	28.34	13.09	12.97		101	CM	Bulk
28-13-13	11813	27.34	13.12	12.47		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.55	101.25	99.16				
ALL SAMPLES,CV %		2.01	3	3.94				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

CROP PRODUCTION SVC (KEVIL)		KEVIL KY 42053-0112						
09-23-30	12522	9.27	23.29	30.16		101	CM	Bulk

CROP PRODUCTION SVC (LEB)		LEBANON KY 40033						
13-09-12	10559+	13.30	8.94	12.94		103	CM	Bulk
13-09-12	10560+	13.41	9.23	12.99		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (LEB)		LEBANON KY 40033						
23-00-00	10564+	26.12	0.00	0.00		111	CM	Bulk

CROP PRODUCTION SVC (MAD)		MADISONVILLE KY 42431						
06-15-39	12449	5.98	15.74	40.43		101	CM	Bulk
06-15-39	12450	5.74	14.00 *	42.32		100	CM	Bulk
09-23-30	12446	8.84	22.90	30.26		100	CM	Bulk
09-23-30	12447	8.55	22.07	32.38		101	CM	Bulk
09-23-30	12448	8.88	23.37	30.24		101	CM	Bulk
09-23-30	12451	8.53	21.64	33.18		101	CM	Bulk
10-27-20	10190+	9.97	25.83	21.42		101	CM	Bulk
10-27-20	10206+	10.25	26.92	19.32		99	CM	Bulk
24-15-15	12452	23.43	15.62	17.43		101	CM	Bulk
24-15-15	12453	23.29	16.24	16.53		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.20	97.99	105.02				
ALL SAMPLES,CV %		1.81	4.29	4.4				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

CROP PRODUCTION SVC (MOR)		MORGANFIELD KY 42437						
03-12-16	10154	4.46	13.34	17.18		107	CM	Bulk
03-12-16	10155+	4.22	12.21	16.94		102	CM	Bulk
03-12-16	10156+	4.43	13.63	17.10		107	CM	Bulk
03-12-16	10158+	4.20	12.64	17.67		106	CM	Bulk
04-15-19	10157+	4.96	14.71	19.66		100	CM	Bulk
07-17-34	10051	6.28	16.68	35.40		102	CM	Bulk
07-17-34	10052	6.77	17.52	34.83		103	CM	Bulk
07-17-34	10053	6.25	15.84	36.26		103	CM	Bulk
07-17-34	10054	6.56	17.31	35.20		103	CM	Bulk
07-17-34	10055	6.15	15.92	35.69		101	CM	Bulk
Statistical Analysis for Grade : 07-17-34								
Number of Samples This Grade : 5								
Average Analysis :		6.40	16.65	35.48		102.6		
CV, %		3.99	4.64	1.52				

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (MOR) MORGANFIELD KY 42437								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.01	100.03	104.57				
ALL SAMPLES,CV %		8.91	4.86	2.02				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (OBORO) OWENSBORO KY 42301								
07-21-31	10227+	7.19	21.81	31.45		102	CM	Bulk
07-21-31	10228+	6.92	20.96	32.61		102	CM	Bulk
07-21-31	10229+	7.00	21.10	32.32		102	CM	Bulk
07-21-31	10230+	7.24	21.69	31.57		102	CM	Bulk
07-21-31	10231+	6.83	20.70	32.67		102	CM	Bulk
07-21-31	10232+	6.97	21.63	31.74		102	CM	Bulk
07-21-31	10233+	6.80	20.46	32.01		100	CM	Bulk
Statistical Analysis for Grade : 07-21-31								
Number of Samples This Grade : 7								
Average Analysis :		6.99	21.19	32.05		101.5		
CV, %		2.4	2.48	1.54				
08-18-32	12267+	8.81	19.20	31.00		99	CM	Bulk
08-18-32	12268+	8.06	18.16	32.90		99	CM	Bulk
08-18-32	12269+	8.57	18.90	31.50		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.23	99.75	102.19				
ALL SAMPLES,CV %		2.9	2.46	2.69				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (OWBO) OWENSBORO KY 42301								
00-00-52	12275+	0.41	0.00	52.70		101	CM	Bulk
00-00-56	12274+	0.34	0.00	56.46		102	CM	Bulk
09-22-29	12270+	8.42	21.67	28.40		99	CM	Bulk
09-22-29	12271+	8.49	21.61	28.70		99	CM	Bulk
16-06-09	12272+	15.03	6.27	10.02		101	CM	Bulk
20-01-26	12273+	18.37	1.68	28.37		104	CM	Bulk

CROP PRODUCTION SVC (PEM) PEMBROKE KY 42266								
05-27-23	10333	6.07	28.29	22.90		101	CM	Bulk
05-27-23	10336	5.95	27.37	22.68		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (PEM)		PEMBROKE KY 42266						
05-27-23	10339	6.18	28.57	22.87		101	CM	Bulk
06-16-16	10241	6.90	16.44	18.08		107	CM	Bulk
06-30-17	10332+	6.48	30.99	17.30		103	CM	Bulk
06-30-17	10334+	6.49	31.53	17.52		104	CM	Bulk
06-30-17	10337+	6.49	30.95	17.17		103	CM	Bulk
06-30-17	10338+	6.72	31.52	16.75		103	CM	Bulk
06-31-23	10042	6.57	32.06	23.40		100	CM	Bulk
07-34-20	10013	7.11	33.62	22.06		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.89	103.22	100.52				
ALL SAMPLES,CV %		3.5	2.41	4.24				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (POOL)		POOLE KY 42444						
08-20-32	11106	7.65	20.16	33.85		100	CM	Bulk
08-20-32	11107	8.08	21.11	32.49		100	CM	Bulk
09-23-30	11108	8.82	22.77	30.35		100	CM	Bulk
09-23-30	11109	8.78	22.09	31.03		100	CM	Bulk
09-23-30	11110	8.56	22.95	29.98		99	CM	Bulk
09-23-30	11111	8.82	22.90	30.46		100	CM	Bulk
09-23-30	11112	8.68	22.60	30.94		101	CM	Bulk
09-23-30	11113	8.91	23.01	29.85		100	CM	Bulk
09-23-30	11114	8.69	22.51	30.42		100	CM	Bulk
09-23-30	11115	8.61	22.01	31.01		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :		8.73	22.61	30.51		99.8		
CV, %		1.36	1.69	1.5				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.86	98.36	101.62				
ALL SAMPLES,CV %		1.8	1.86	1.64				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (RIVERPORT)		OWENSBORO KY 42301						
06-15-39	12612	6.40	16.15	39.56		102	CM	Bulk
09-23-29	12611	9.69	23.32	29.65		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (RIVERPORT)		OWENSBORO KY		42301				
45-00-00	12610	44.06	0.00	0.00		98	CM	Bulk

CROP PRODUCTION SVC (RUS)		RUSSELLVILLE KY		42276				
09-23-30	10073	8.69	23.03	31.03		101	CM	Bulk
09-23-30	10074	8.39	22.32	31.79		101	CM	Bulk
09-23-30	10077	8.46	22.27	31.99		102	CM	Bulk
09-23-30	10078	8.64	22.76	31.53		102	CM	Bulk
09-23-30	10079	8.74	23.13	30.92		101	CM	Bulk
09-23-30	10094	8.95	23.75	29.95		101	CM	Bulk
09-23-30	10110	8.56	23.10	30.75		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		8.63	22.91	31.14		101.2		
CV, %		2.16	2.24	2.24				
10-27-23	10075	11.22	28.97	23.18		101	CM	Bulk
10-27-23	10076	10.17	26.90	25.88		101	CM	Bulk
10-27-24	10109	10.76	28.52	23.68		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.91	100.29	102.97				
ALL SAMPLES,CV %		3.37	2.83	3.55				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (SAC)		SACRAMENTO KY		42372				
08-20-33	12441+	7.88	20.09	32.84		100	CM	Bulk
08-20-33	12442+	8.06	20.84	31.38		100	CM	Bulk
09-23-30	12443	8.40	21.94	31.18		99	CM	Bulk
09-23-30	12444	8.26	20.88 *	32.62		99	CM	Bulk
09-23-30	12457	9.25	22.99	30.63		101	CM	Bulk
09-23-30	12458	9.08	22.76	31.68		102	CM	Bulk
22-05-22	12445	21.75	5.04	22.24		99	CM	Bulk
28-00-11	12456+	27.77	0.00	11.64		102	CM	Bulk
30-09-12	12454	30.17	9.04	13.62		100	CM	Bulk
30-09-12	12455	29.43	9.77	14.26		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (SAC) SACRAMENTO KY 42372								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.59	97.72	103.96				
ALL SAMPLES,CV %		3.73	4.39	4.16				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 10.00 %								

CROP PRODUCTION SVC (SCHOC) RUSSELLVILLE KY 42276								
10-25-21	11190+	10.22	25.83	21.51		104	CM	Bulk
10-25-21	11191+	9.83	25.22	21.48		102	CM	Bulk
10-25-21	11192+	10.04	25.67	21.12		102	CM	Bulk
10-25-21	11195+	9.84	25.42	21.91		103	CM	Bulk
10-25-21	11196+	9.54	24.84	22.30		102	CM	Bulk
10-25-21	11197+	9.50	24.73	23.76		104	CM	Bulk
Statistical Analysis for Grade : 10-25-21								
Number of Samples This Grade : 6								
Average Analysis :		9.83	25.29	22.01		102.5		
CV, %		2.84	1.75	4.3				
14-36-00	11509+	14.58	37.57	0.00		105	CM	Bulk
14-36-00	11510+	14.52	37.30	0.00		105	CM	Bulk
16-25-16	11511+	15.77	24.90	16.01		101	CM	Bulk
16-25-16	11512+	15.64	23.90	16.65		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.02	102.50	102.56				
ALL SAMPLES,CV %		2.63	2.48	3.8				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (SED) SEDALIA KY 42079								
05-15-19	10179	6.07	15.11	21.53		104	CM	Bulk
05-15-19	10180	6.30	15.35	20.91		104	CM	Bulk
09-23-30	10181	8.25	22.53	31.72		101	CM	Bulk
09-23-30	10182	8.37	22.17	31.72		101	CM	Bulk
09-23-30	11341	8.55	21.71	31.21		99	CM	Bulk
09-23-30	11342	8.58	22.45	30.34		99	CM	Bulk

CROP PRODUCTION SVC (SHEL) SHELBYVILLE KY 40066								
00-00-15	12549	0.00	0.00	14.93		96 *	CM	Bulk
00-00-50	12516	0.00	0.00	51.23		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (SHEL)		SHELBYVILLE KY 40066						
02-07-05	10960	2.90	7.20	6.10		109	CM	Bulk
09-23-30	11604	8.76	22.65	30.82		100	CM	Bulk
19-13-21	12548	18.42	13.56	21.88		100	CM	Bulk
20-03-06	12552	20.01	4.14	6.57		102	CM	Bulk
21-11-21	12550	19.44	10.56	22.17		99	CM	Bulk
22-16-16	12551	22.19	18.28	17.03		102	CM	Bulk
24-09-21	10943	24.99	8.85	20.47		100	CM	Bulk
24-09-21	10944	25.16	8.70	20.58		100	CM	Bulk
24-09-21	10954	24.88	9.23	20.83		101	CM	Bulk
24-09-21	10955	25.01	8.90	21.60		102	CM	Bulk
24-09-21	10956	24.82	9.31	20.27		100	CM	Bulk
Statistical Analysis for Grade : 24-09-21								
Number of Samples This Grade : 5								
Average Analysis :		24.97	9.00	20.75		100.6		
CV, %		0.52	2.9	2.49				
27-13-13	10961	26.70	13.40	15.61		102	CM	Bulk
35-00-00	11554	34.18	0.00	0.00		98	Blend	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.34	99.93	102.93				
ALL SAMPLES,CV %		3.88	5.15	7.1				
NUMBER OF ANALYSIS		13	12	14				
Deficiency Rate = 6.67 %								

CROP PRODUCTION SVC (SLA)		SLAUGHTERS KY 42456						
09-23-30	12480	9.14	23.48	30.31		102	CM	Bulk
27-10-13	12601	27.56	11.19	14.53		102	CM	Bulk
27-10-13	12602	27.01	11.14	14.61		101	CM	Bulk
27-10-13	12603	26.97	11.60	15.35		103	CM	Bulk
27-10-13	12604	26.95	11.68	15.19		102	CM	Bulk
27-10-13	12605	26.71	11.31	15.38		102	CM	Bulk
Statistical Analysis for Grade : 27-10-13								
Number of Samples This Grade : 5								
Average Analysis :		27.04	11.38	15.01		101.7		
CV, %		1.16	2.14	2.74				

CROP PRODUCTION SVC (UPT)		UPTON KY 42784						
06-16-36	11370+	6.71	16.29	36.78		101	CM	Bulk
09-00-46	11371+	8.47	0.00	46.78		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC (UPT)		UPTON KY 42784						
15-27-17	11164	16.48	29.16	17.07		103	CM	Bulk
19-19-19	11387	19.85	19.22	19.76		101	CM	Bulk
25-12-16	11163	25.64	13.32	17.39		102	CM	Bulk
25-12-16	11165	25.51	13.75	17.28		103	CM	Bulk
26-06-19	11389	26.76	7.27	20.73		103	CM	Bulk
27-00-24	11388	27.08	0.00	25.18		101	CM	Bulk
27-16-10	11369	26.73	17.18	11.33		102	CM	Bulk
27-16-11	11390	28.23	15.44	12.08		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.15	102.83	102.76				
ALL SAMPLES,CV %		3.37	4.76	3.05				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC (WAV)		WAVERLY KY 42462						
05-13-41	10084	5.08	13.04	42.35		100	CM	Bulk
05-13-41	10085	5.23	13.50	41.65		99	CM	Bulk
05-13-41	10086	4.53 *	11.87 *	44.85		101	CM	Bulk
08-21-31	10080	8.10	21.49	33.13		102	CM	Bulk
08-21-31	10081	7.90	20.86	33.02		101	CM	Bulk
08-21-31	10082	7.73	21.15	33.94		102	CM	Bulk
08-21-31	10083	7.97	21.27	32.49		100	CM	Bulk
09-23-30	10087	8.63	23.41	30.13		100	CM	Bulk
09-23-30	10088	8.41	22.44	31.72		101	CM	Bulk
09-23-30	10089	8.12 *	21.73	32.70		102	CM	Bulk
09-23-30	10090	8.48	22.66	31.49		101	CM	Bulk
09-23-30	10091	8.36	21.57 *	32.45		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.40	22.36	31.70		101.1		
CV, %		2.21	3.34	3.18				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		92.69	96.16	104.91				
ALL SAMPLES,CV %		3.77	4.25	2.89				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 25.00 %								

CROP PRODUCTION SVC INC		GREELEY CO 80632						
00-00-00	10335+	0.00	0.00	0.00			Mnfr	Bulk
00-00-00	10651+	0.00	0.00	0.00			Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC		GREELEY CO		80632				
00-00-22	10624+	0.00	0.00	22.31		101	Mat	Bulk
00-00-50	10515	0.00	0.00	50.39		101	Mat	Bulk
00-00-50	10645	0.00	0.00	50.80		102	Mat	Bulk
00-00-50	10687	0.00	0.00	50.56		101	Mat	Bulk
00-00-50	10697	0.00	0.00	42.22 *		84 *	Mat	Bulk
00-00-50	10702	0.00	0.00	51.29		103	Mat	Bulk
00-00-50	10774	0.00	0.00	50.17		100	Mat	Bulk
00-00-50	10950	0.00	0.00	50.98		102	Mat	Bulk
00-00-50	10983	0.00	0.00	51.45		103	Mat	Bulk
00-00-50	11105	0.00	0.00	51.96		104	Mat	Bulk
00-00-50	12289	0.00	0.00	51.07		102	Mat	Bulk
00-00-50	12538	0.00	0.00	50.84		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 11								
Average Analysis :		0.00	0.00	50.16		100.3		
CV, %		0	0	5.35				
00-00-60	10283	0.00	0.00	59.83		100	Mat	Bulk
00-00-60	10485	0.00	0.00	60.32		101	Mat	Bulk
00-00-60	10488	0.00	0.00	61.46		102	Mat	Bulk
00-00-60	10518	0.00	0.00	61.00		102	Mat	Bulk
00-00-60	10521	0.00	0.00	61.10		102	Mat	Bulk
00-00-60	10555	0.00	0.00	59.53		99	Mat	Bulk
00-00-60	10561	0.00	0.00	59.93		100	Mat	Bulk
00-00-60	10568	0.00	0.00	59.30		99	Mat	Bulk
00-00-60	10576	0.00	0.00	61.37		102	Mat	Bulk
00-00-60	10610	0.00	0.00	58.82		98	Mat	Bulk
00-00-60	10623	0.00	0.00	59.83		100	Mat	Bulk
00-00-60	10639	0.00	0.00	60.68		101	Mat	Bulk
00-00-60	10640	0.00	0.00	60.41		101	Mat	Bulk
00-00-60	10641	0.00	0.00	60.89		101	Mat	Bulk
00-00-60	10642	0.00	0.00	60.01		100	Mat	Bulk
00-00-60	10649	0.00	0.00	60.27		100	Mat	Bulk
00-00-60	10652	0.00	0.00	59.88		100	Mat	Bulk
00-00-60	10673	0.00	0.00	59.93		100	Mat	Bulk
00-00-60	10686	0.00	0.00	60.46		101	Mat	Bulk
00-00-60	10738	0.00	0.00	59.16		99	Mat	Bulk
00-00-60	10739	0.00	0.00	60.32		101	Mat	Bulk
00-00-60	10745	0.00	0.00	59.45		99	Mat	Bulk
00-00-60	10770	0.00	0.00	59.49		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC GREELEY CO 80632								
00-00-60	10775	0.00	0.00	61.16		102	Mat	Bulk
00-00-60	10778	0.00	0.00	60.89		101	Mat	Bulk
00-00-60	10781	0.00	0.00	61.14		102	Mat	Bulk
00-00-60	10782	0.00	0.00	61.63		103	Mat	Bulk
00-00-60	10825	0.00	0.00	59.88		100	Mat	Bulk
00-00-60	10900	0.00	0.00	58.86		98	Mat	Bulk
00-00-60	10904	0.00	0.00	61.66		103	Mat	Bulk
00-00-60	10953	0.00	0.00	57.31 *		96 *	Mat	Bulk
00-00-60	10982	0.00	0.00	60.71		101	Mat	Bulk
00-00-60	11086	0.00	0.00	60.06		100	Mat	Bulk
00-00-60	11087	0.00	0.00	60.94		102	Mat	Bulk
00-00-60	11091	0.00	0.00	60.08		100	Mat	Bulk
00-00-60	11100	0.00	0.00	60.45		101	Mat	Bulk
00-00-60	11103	0.00	0.00	60.41		101	Mat	Bulk
00-00-60	11343	0.00	0.00	60.59		101	Mat	Bulk
00-00-60	11394	0.00	0.00	60.57		101	Mat	Bulk
00-00-60	11395	0.00	0.00	57.49 *		96 *	Mat	Bulk
00-00-60	11414	0.00	0.00	61.12		102	Mat	Bulk
00-00-60	11438	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	11440	0.00	0.00	60.67		101	Mat	Bulk
00-00-60	11443	0.00	0.00	60.40		101	Mat	Bulk
00-00-60	12287	0.00	0.00	59.45		99	Mat	Bulk
00-00-60	12307	0.00	0.00	60.27		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 46								
Average Analysis :		0.00	0.00	60.22		100.4		
CV, %		0	0	1.54				
00-00-62	10460	0.00	0.00	62.67		101	Mat	Bulk
00-00-62	10703	0.00	0.00	62.26		100	Mat	Bulk
00-00-62	10776	0.00	0.00	62.26		100	Mat	Bulk
00-00-62	10779	0.00	0.00	63.04		102	Mat	Bulk
00-00-62	10820	0.00	0.00	62.97		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-62								
Number of Samples This Grade : 5								
Average Analysis :		0.00	0.00	62.64		101.0		
CV, %		0	0	0.6				
00-46-00	10282	0.00	46.26	0.00		101	Mat	Bulk
11-52-00	10577	10.82	51.77	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC		GREELEY CO	80632					
12-40-00	10771+	11.64	39.38	0.00		98	Mat	Bulk
18-46-00	10284	17.48	45.85	0.00		99	Mat	Bulk
18-46-00	10459	17.84	45.43	0.00		99	Mat	Bulk
18-46-00	10461	17.68	45.34	0.00		98	Mat	Bulk
18-46-00	10487	17.91	46.21	0.00		100	Mat	Bulk
18-46-00	10517	18.29	47.04	0.00		102	Mat	Bulk
18-46-00	10519	18.13	45.49	0.00		99	Mat	Bulk
18-46-00	10554	18.07	45.99	0.00		100	Mat	Bulk
18-46-00	10563	17.80	46.23	0.00		100	Mat	Bulk
18-46-00	10566	18.62	46.82	0.00		102	Mat	Bulk
18-46-00	10579	18.51	46.61	0.00		102	Mat	Bulk
18-46-00	10609	18.00	46.56	0.00		101	Mat	Bulk
18-46-00	10620	18.20	46.36	0.00		101	Mat	Bulk
18-46-00	10632	18.12	46.39	0.00		101	Mat	Bulk
18-46-00	10638	17.72	45.28	0.00		98	Mat	Bulk
18-46-00	10643	17.52	46.03	0.00		99	Mat	Bulk
18-46-00	10644	18.05	46.13	0.00		100	Mat	Bulk
18-46-00	10650	17.73	44.64	0.00		97	Mat	Bulk
18-46-00	10653	17.80	45.65	0.00		99	Mat	Bulk
18-46-00	10654	17.67	45.26	0.00		98	Mat	Bulk
18-46-00	10675	18.00	45.39	0.00		99	Mat	Bulk
18-46-00	10685	18.67	45.69	0.00		101	Mat	Bulk
18-46-00	10699	18.15	45.12	0.00		99	Mat	Bulk
18-46-00	10735	18.18	45.54	0.00		100	Mat	Bulk
18-46-00	10736	17.83	45.14	0.00		98	Mat	Bulk
18-46-00	10737	17.68	46.19	0.00		100	Mat	Bulk
18-46-00	10746	17.88	45.95	0.00		100	Mat	Bulk
18-46-00	10769	17.97	45.82	0.00		100	Mat	Bulk
18-46-00	10773	17.83	45.48	0.00		99	Mat	Bulk
18-46-00	10777	18.05	45.73	0.00		100	Mat	Bulk
18-46-00	10783	17.63	45.53	0.00		99	Mat	Bulk
18-46-00	10784	17.68	45.66	0.00		99	Mat	Bulk
18-46-00	10785	17.55	45.34	0.00		98	Mat	Bulk
18-46-00	10786	17.59	46.55	0.00		100	Mat	Bulk
18-46-00	10819	18.17	46.39	0.00		101	Mat	Bulk
18-46-00	10823	17.27	45.61	0.00		98	Mat	Bulk
18-46-00	10824	18.13	46.41	0.00		101	Mat	Bulk
18-46-00	10901	17.84	46.44	0.00		100	Mat	Bulk
18-46-00	10902	17.88	46.42	0.00		100	Mat	Bulk
18-46-00	10903	17.98	45.73	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC		GREELEY CO 80632						
18-46-00	10945	18.31	46.46	0.00		101	Mat	Bulk
18-46-00	10946	17.80	46.37	0.00		100	Mat	Bulk
18-46-00	10980	17.94	45.62	0.00		99	Mat	Bulk
18-46-00	11088	17.84	46.31	0.00		100	Mat	Bulk
18-46-00	11089	17.90	46.41	0.00		100	Mat	Bulk
18-46-00	11092	17.85	45.84	0.00		99	Mat	Bulk
18-46-00	11101	17.81	45.74	0.00		99	Mat	Bulk
18-46-00	11102	17.60	45.81	0.00		99	Mat	Bulk
18-46-00	11344	17.94	45.50	0.00		99	Mat	Bulk
18-46-00	11346	18.46	45.94	0.00		101	Mat	Bulk
18-46-00	11393	18.04	46.09	0.00		100	Mat	Bulk
18-46-00	11396	17.86	46.04	0.00		100	Mat	Bulk
18-46-00	11415	17.71	45.82	0.00		99	Mat	Bulk
18-46-00	11439	17.92	46.05	0.00		100	Mat	Bulk
18-46-00	11444	17.59	46.32	0.00		100	Mat	Bulk
18-46-00	11522	17.42	46.94	0.00		101	Mat	Bulk
18-46-00	12286	18.01	46.15	0.00		100	Mat	Bulk
18-46-00	12306	17.77	45.75	0.00		99	Mat	Bulk
18-46-00	12666	18.13	46.09	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 58								
Average Analysis :		17.91	45.94	0.00		99.8		
CV, %		1.58	1.06	0				
21-00-00	10612+	20.51	0.00	0.00		98	Mat	Bulk
21-00-00	10952	20.97	0.00	0.00		100	Mat	Bulk
21-00-00	11347+	21.20	0.00	0.00		101	Mat	Bulk
24-00-00	10698	26.91	0.00	0.00		112	Mat	Bulk
26-00-00	10613+	25.69	0.00	0.00		99	Blend	Liq
27-00-00	10462	26.62	0.00	0.00		99	Mat	Bulk
28-00-00	11416	28.20	0.00	0.00		101	Mat	Liq
28-00-00	11709	28.10	0.00	0.00		100	Mat	Liq
32-00-00	11284	31.59	0.00	0.00		99	Mat	Liq
32-00-00	11404	31.88	0.00	0.00		100	Mat	Liq
42-00-00	10949	43.35	0.00	0.00		103	Mat	Bulk
44-00-00	10567+	44.49	0.00	0.00		101	Mat	Bulk
44-00-00	10611+	44.44	0.00	0.00		101	Mat	Bulk
44-00-00	10622+	44.62	0.00	0.00		101	Mat	Bulk
44-00-00	10676+	44.37	0.00	0.00		101	Mat	Bulk
46-00-00	10516	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC		GREELEY CO 80632						
46-00-00	10520	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10553	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10562	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	10565	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	10578	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	10621	45.83	0.00	0.00		100	Mat	Bulk
46-00-00	10674	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	10684	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	10690	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	10700	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	10701	45.78	0.00	0.00		100	Mat	Bulk
46-00-00	10772	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	10780	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	10947	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	10948	45.96	0.00	0.00		100	Mat	Bulk
46-00-00	10984	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	11391	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	11413	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	11437	45.78	0.00	0.00		100	Mat	Bulk
46-00-00	11442	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	11445	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	12288	45.99	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 23								
Average Analysis :		46.04	0.00	0.00		100.1		
CV, %		0.33	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.84	99.86	100.42				
ALL SAMPLES,CV %		1.88	1.06	2.53				
NUMBER OF ANALYSIS		98	61	63				
Deficiency Rate = 1.83 %								

DABNEY FEED SUPP		BRODHEAD KY 40409						
00-00-60	10970	0.00	0.00	61.51		103	Mat	Bulk

DP FOODS		SHERMAN TX 75090						
08-04-04	12572	7.50	3.34 *	2.95 *		87 *	Mnfr	Liq

DRAKES FARM SVC.		MORGANTOWN KY 42261-0308						
08-20-32	12337	7.74	20.89	33.76		101	CM	Bulk
13-16-29	12210	13.40	16.14	31.22		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

DRAKES FARM SVC. MORGANTOWN KY 42261-0308								
18-19-19	12208	18.64	19.35	20.28		100	CM	Bulk
18-46-00	12206	17.99	45.69	0.00		99	Mat	Bulk
19-19-19	12204	19.55	18.49	20.32		100	CM	Bulk
19-19-19	12205	19.56	19.85	19.31		101	CM	Bulk
19-19-19	12207	18.61	19.13	20.96		101	CM	Bulk
19-19-19	12209	18.59	18.73	21.09		100	CM	Bulk
25-09-19	12203	25.90	9.05	18.72		99	CM	Bulk
26-13-15	12336	25.56	12.24	17.26		100	CM	Bulk
26-13-15	12338	25.48	12.69	16.50		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.81	97.62	104.66				
ALL SAMPLES,CV %		2.5	2.57	3.87				
NUMBER OF ANALYSIS		11	11	10				
Deficiency Rate = 0.00 %								

DREXEL CHEMICAL CO. MEMPHIS TN 38113-0327								
00-00-00	10713+	0.00	0.00	0.00			Mat	Bag
00-00-00	11601+	0.00	0.00	0.00			Mnfr	Bag
00-00-00	11787+	0.00	0.00	0.00			Mat	Bag
00-00-00	11878+	0.00	0.00	0.00			Mat	Bag

DYSART CORPORATION CANAL WINCHESTER OH 43110								
08-18-18	11862+	9.59	19.29	18.30		108	Blend	Bag

EASY GARDNER WACO TX 76702-1025								
02-07-04	11776+	4.85	9.91	5.21		155	Blend	Bag
04-04-04	10835+	4.50	5.48	5.01		125	Mnfr	Bag
08-11-11	12624	11.29	10.77	14.09		120	Blend	Bag

EIGHTY EIGHT FERTILIZER CO., INC. GLASGOW KY 42141								
19-19-19	11246	18.68	18.82	20.62		100	CM	Bulk
19-19-19	11249	18.36	18.44	21.01		99	CM	Bulk
27-13-13	11247	27.47	13.11	13.55		99	CM	Bulk
27-13-13	11248	27.55	14.13	13.11		101	CM	Bulk
27-13-13	11251	26.72	12.80	14.75		99	CM	Bulk
27-13-13	11253	26.56	13.41	14.20		99	CM	Bulk
27-13-13	11254	25.85	13.45	15.51		100	CM	Bulk
27-13-13	11255	26.56	14.45	14.17		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
EIGHTY EIGHT FERTILIZER CO., INC. GLASGOW KY 42141								
Statistical Analysis for Grade : 27-13-13								
Number of Samples This Grade : 6								
Average Analysis :		26.79	13.56	14.22		99.9		
CV, %		2.38	4.58	5.99				
27-14-14	11250	27.23	14.20	13.38		101	Mat	Bulk
28-10-13	11252	28.89	9.87	14.71		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.09	98.58	104.52				
ALL SAMPLES,CV %		2.36	4.58	5.07				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
ENCAP, LLC GREEN BAY WI 54311-9707								
00-00-00	11214+	0.00	0.00	0.00			Blend	Bag
00-00-00	11922+	0.00	0.00	0.00			Blend	Bag
ENVIRO-SAFE LABS, INC SARASOTA FL 34240								
08-05-05	11502+	8.24	6.61	5.29		112	Mnfr	Bag
08-05-05	12005+	8.91	5.02	5.08		106	Blend	Bag
10-02-08	12623+	9.95	2.38	7.81		101	Blend	Bag
12-03-13	11224+	12.54	4.13	14.90		113	Blend	Bag
16-02-14	11953+	17.24	2.86	13.96		107	Blend	Bag
ESPOMA CO. MILLVILLE NJ 08332								
03-04-04	11782+	4.23	4.58	4.30		120	Blend	Bag
04-03-03	10100+	3.81	4.07	3.83		115	Mnfr	Bag
04-03-03	11775+	4.14	4.98	3.35		126	Blend	Bag
04-03-03	11952+	4.12	4.96	4.20		132	Mnfr	Bag
04-03-04	11964+	5.05	4.23	4.80		129	Blend	Bag
FARMERS FERTILIZER CO. BOWLING GREEN KY 42102								
21-17-16	11663+	22.50	16.42 *	17.47		101	CM	Bulk
21-17-16	11664+	21.96	17.82	16.31		101	CM	Bulk
21-17-16	11665+	21.30	17.16	17.48		100	CM	Bulk
23-08-22	11713	23.24	8.82	23.40		101	CM	Bulk
27-08-16	11711	26.57	8.47	18.13		100	CM	Bulk
27-11-14	11666+	27.02	10.21 *	16.18		100	CM	Bulk
28-05-17	11667+	28.75	5.20	17.85		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

FARMERS FERTILIZER CO.		BOWLING GREEN KY 42102						
28-05-17	11712+	28.57	5.71	18.05		101	CM	Bulk
28-05-17	11714+	27.60	5.87	18.18		100	CM	Bulk
30-10-09	11710	29.95	10.83	11.18		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.80	101.94	105.75				
ALL SAMPLES,CV %		2.54	8.14	4.01				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								

FARMERS FERTILIZER CO.(KELLY RD)		BOWLING GREEN KY 42101						
10-09-10	11297	10.06	9.94	9.90		99	CM	Bulk
11-05-11	11009	10.95	5.58	12.61		103	CM	Bulk
19-13-09	11008	19.18	14.65	9.99		103	CM	Bulk
19-19-19	11296	18.89	19.14	20.22		100	CM	Bulk
19-19-19	11298	19.48	19.51	19.45		101	CM	Bulk
21-09-24	11662	19.83	9.32	26.58		100	CM	Bulk
25-06-14	11295	24.97	6.71	15.18		100	CM	Bulk
26-09-09	11661	25.89	9.80	15.09		107	CM	Bulk
26-12-16	11007	25.64	11.06 *	16.86		98	CM	Bulk
33-08-09	11294	32.87	8.72	10.09		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.51	98.92	110.29				
ALL SAMPLES,CV %		2.18	4.44	13.96				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

FARMERS FERTILIZER CO.(NASH. RD)		BOWLING GREEN KY 42101						
12-30-20	10102	11.81	30.93	20.32		101	CM	Bulk
12-30-20	10103	12.07	30.75	20.34		101	CM	Bulk
15-07-13	11660	14.77	6.62	13.71		98	CM	Bulk
16-12-15	11655	17.03	11.57	16.34		100	CM	Bulk
19-13-09	11654	19.25	14.57	10.55		104	CM	Bulk
19-13-09	11656	20.06	14.63	9.52		104	CM	Bulk
19-13-09	11658	18.71	13.15	10.48		99	CM	Bulk
19-13-09	11659	19.44	14.02	10.78		103	CM	Bulk
25-10-07	11657	25.79	10.08	7.44		100	CM	Bulk
30-09-09	11653	31.27	9.76	8.89		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

FARMERS FERTILIZER CO.(NASH. RD) BOWLING GREEN KY 42101								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.43	99.25	103.53				
ALL SAMPLES,CV %		2.51	4.49	5.55				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

FARMERS GIN CO. CLINTON KY 42031								
05-13-17	10202	5.72	12.98	17.66		103	CM	Bulk
09-23-30	10203	8.83	22.26	30.69		100	CM	Bulk
09-23-30	10204	8.50	22.34	31.19		100	CM	Bulk
09-23-30	11288	9.34	24.20	29.37		102	CM	Bulk
09-23-30	11289	9.26	23.58	29.58		101	CM	Bulk
09-23-30	11339	9.27	23.78	29.90		102	CM	Bulk
09-23-30	11340	8.82	21.93	31.05		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		9.00	23.02	30.30		100.7		
CV, %		3.74	4.13	2.58				
36-00-12	12317	36.51	0.00	12.61		100	CM	Bulk
36-00-12	12318	36.80	0.00	12.41		101	CM	Bulk
36-00-12	12319	36.62	0.00	12.20		100	CM	Bulk
36-00-12	12320	36.43	0.00	13.09		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.83	99.88	102.56				
ALL SAMPLES,CV %		4.33	3.81	3.07				
NUMBER OF ANALYSIS		11	7	11				
Deficiency Rate = 0.00 %								

FERTRELL BAINBRIDGE PA 17502								
04-06-04	11772	4.55	7.70	3.35 *		113	Blend	Bag

FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041								
00-00-51	11056	0.00	0.00	52.24		102	Mat	Bulk
00-00-51	12179	0.00	0.00	52.09		102	Mat	Bulk
00-00-61	10506	0.00	0.00	61.04		100	Mat	Bulk
00-00-61	10659	0.00	0.00	60.32		99	Mat	Bulk
00-00-61	11057	0.00	0.00	61.25		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041								
04-18-18	12594	7.57	17.83	17.77		106	CM	Bulk
12-00-00	11623	12.55	0.00	0.00		100	CM	Bulk
12-00-00	11624	12.68	0.00	0.00		101	CM	Bulk
18-46-00	10503	17.62	46.47	0.00		100	Mat	Bulk
18-46-00	10504	18.00	46.72	0.00		101	Mat	Bulk
18-46-00	10660	17.67	45.14	0.00		98	Mat	Bulk
19-19-19	11055	18.88	18.78	20.37		99	CM	Bulk
19-19-19	11058	18.18	19.17	21.10		100	CM	Bulk
34-00-00	12173	34.20	0.00	0.00		102	Mat	Bulk
46-00-00	10505	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10661	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.06	98.82	101.83				
ALL SAMPLES,CV %		19.01	2.07	3.05				
NUMBER OF ANALYSIS		11	6	8				
Deficiency Rate = 0.00 %								

FOXFARM SOIL & FERTILIZER COMPANY ARCATA CA 93518								
03-04-03	12563+	4.74	8.91	4.07		180	Blend	Bag

FRESH START GROWERS LOUISVILLE KY 40206								
04-02-04	11773	3.95	1.60	4.93		103	Blend	Bag

FRIT INDUSTRIES OZARK AL 36361								
00-00-00	10408+	0.00	0.00	0.00			Mat	Bag

GENERAL HYDROPONICS SEBASTOPOL CA 95473								
05-15-14	12564+	6.65	17.46	15.31		116	Blend	Bag

GOOD EARTH HORTICULTURE, INC LANCASTER NY 14086								
00-00-00	11924+	0.44	0.00	0.00		89 *	Mnfr	Bag

GRAVES CO CO-OP MAYFIELD KY 42066								
09-23-30	10242	9.02	23.41	30.81		102	CM	Bulk
09-23-30	10243	9.39	23.00	30.81		102	CM	Bulk
09-23-30	10244	8.91	22.70	31.03		101	CM	Bulk
09-23-30	10245	8.74	22.81	30.87		101	CM	Bulk
09-23-30	10285	9.09	23.18	29.89		100	CM	Bulk
09-23-30	10286	8.76	22.81	30.76		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	10287	8.98	23.12	30.89		102	CM	Bulk
09-23-30	10288	8.93	23.12	29.96		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :		8.98	23.02	30.63		101.1		
CV, %		2.29	1.02	1.44				

GREAT SALT LAKE MINERALS OGDEN UT 84404								
00-00-50	10471+	0.00	0.00	51.03		102	Mat	Bulk

GREEN CHARGER FERT CORP. RICHMOND VA 23260								
27-00-00	12438+	27.34	0.00	0.00		101	Mnfr	Bag

GREEN LIGHT SAN ANTONIO TX 78216								
12-55-06	11426+	12.21	54.61	6.10		100	Mnfr	Bag
12-55-06	11954+	12.67	54.24	5.91		100	Blend	Bag

GREEN RIVER FEED MILL MORGANTOWN KY 42261								
14-15-25	12193+	13.28	14.51	28.24		103	CM	Bulk
14-15-25	12194+	14.75	15.80	24.54		102	CM	Bulk
14-15-25	12196+	14.30	14.61	26.87		103	CM	Bulk
14-15-25	12197+	14.04	15.24	26.19		102	CM	Bulk
14-15-25	12198+	14.08	15.19	26.35		103	CM	Bulk
14-15-25	12199+	14.38	14.78	26.34		102	CM	Bulk
14-15-25	12200+	13.73	14.57	27.08		102	CM	Bulk
Statistical Analysis for Grade : 14-15-25								
Number of Samples This Grade : 7								
Average Analysis :		14.08	14.96	26.52		102.4		
CV, %		3.37	3.17	4.21				
19-19-19	12201	19.43	19.93	18.64		100	CM	Bulk
24-15-15	12195	25.63	16.71	12.95 *		101	CM	Bulk
27-11-15	12202	26.33	12.00	16.01		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

GREEN RIVER FEED MILL MORGANTOWN KY 42261								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.45	101.71	102.67				
ALL SAMPLES,CV %		3.34	4.31	7.5				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

GREENLEAF PLANT FOOD DANVILLE KY 40423								
00-00-60	10629	0.00	0.00	60.76		101	Mat	Bulk
03-09-48	12661	4.37	10.29	45.93 *		100	CM	Bulk
24-00-09	12382	24.93	0.00	9.83		104	CM	Bulk
46-00-00	10628	46.20	0.00	0.00		100	Mat	Bulk

GRIFFIN INDUSTRIES INC. COLD SPRING KY 41076-1821								
05-06-06	10476+	5.97	5.45	5.98		103	Mnfr	Bag
08-03-05	10480+	8.13	3.70	5.87		110	Mnfr	Bag
08-05-05	10003+	7.80	7.32	4.84		108	Mnfr	Bulk
08-05-05	10477+	8.04	5.33	5.63		105	Mnfr	Bag
08-05-05	12631+	7.64	7.28	5.09		112	Mnfr	Bag
10-00-08	10473+	10.49	0.00	7.14 *		99	Mnfr	Bag
10-02-08	10482+	10.04	3.23	7.64		105	Mnfr	Bag
12-02-06	10478+	11.89	2.62	5.28 *		100	Mnfr	Bag
13-00-00	10481+	13.10	0.00	0.00		101	Mnfr	Bag
15-00-08	10475+	15.76	0.00	6.61 *		98	Mnfr	Bag
21-03-07	10483+	25.25	3.78	6.62		116	Mnfr	Bag
27-02-02	10479+	26.97	3.66	3.61		110	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.74	134.92	105.33				
ALL SAMPLES,CV %		7.68	20.7	25.57				
NUMBER OF ANALYSIS		12	9	11				
Deficiency Rate = 25.00 %								

GRO TEC INC. MADISON GA 30650-1821								
06-10-10	11515	5.79	9.00 *	9.82		94 *	Blend	Bag
06-12-00	11858+	6.24	16.97	0.00		129	Mnfr	Bag
08-12-04	11218	9.79	9.77 *	5.02		102	Blend	Bag
08-12-04	11514	7.21 *	9.09 *	3.79		83 *	Blend	Bag
09-12-12	11513	8.68	11.15	13.26		99	Blend	Bag
09-12-12	11957	9.30	11.30	11.70		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

GRO TEC INC. MADISON GA 30650-1821								
10-00-10	11337	8.90 *	0.00	9.92		94 *	Blend	Bag
10-00-10	11927	8.84 *	0.00	9.15 *		90 *	Blend	Bag
10-00-10	11963	10.10	0.00	9.72		99	Blend	Bag
10-00-10	12398	8.11 *	0.00	9.37		87 *	Blend	Bag
12-10-10	11520+	12.34	9.38	9.74		98	Blend	Bag
18-24-06	10899+	17.89	24.12	5.98		100	Blend	Bag
18-24-06	11516+	17.96	23.59	6.00		99	Blend	Bag
22-00-14	10097+	25.93	0.00	15.86		116	Blend	Bag
28-00-04	12397	27.06	0.00	4.53		98	Blend	Bag
29-00-05	10897+	29.30	0.00	5.61		102	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.35	96.46	102.91				
ALL SAMPLES,CV %		10.39	19.26	9.36				
NUMBER OF ANALYSIS		16	9	15				
Deficiency Rate = 37.50 %								

HANCOCK COUNTY FARM HAWESVILLE KY 42348								
00-00-60	11302	0.00	0.00	60.75		101	Mat	Bulk
18-46-00	11300	17.53	45.38	0.00		98	Mat	Bulk
19-19-19	11303	18.95	19.45	19.11		99	CM	Bulk
19-19-19	11525	18.75	19.33	19.44		99	CM	Bulk
19-19-19	11526	19.06	19.07	19.69		99	CM	Bulk
19-19-19	11527	19.27	19.33	19.34		100	CM	Bulk
19-19-19	11529	19.03	19.93	19.19		100	CM	Bulk
19-19-19	11530	19.27	19.90	19.26		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		19.06	19.50	19.34		99.7		
CV, %		1.04	1.76	1.07				
20-13-22	11524	21.30	13.51	21.78		100	CM	Bulk
23-15-16	11523	22.97	15.80	17.48		102	CM	Bulk
26-14-14	11528	25.52	14.43	15.52		100	CM	Bulk
27-13-13	11304	27.09	12.96	13.70		99	CM	Bulk
46-00-00	11301	46.13	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

HANCOCK COUNTY FARM HAWESVILLE KY 42348								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.97	100.22	101.00				
ALL SAMPLES,CV %		2.32	2.32	2.95				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate = 0.00 %								

HELENA CHEMICAL CO. HICKMAN KY 42050								
04-05-14	10170+	5.79	5.97	14.94		108	CM	Bulk
04-05-14	10171+	5.59	6.20	14.89		108	CM	Bulk
04-05-14	10172+	5.36	5.85	15.68		109	CM	Bulk
06-15-20	10176	6.48	16.32	21.10		106	CM	Bulk
06-15-20	10177	6.69	16.27	20.75		106	CM	Bulk
06-15-20	10178	6.45	15.51	21.22		105	CM	Bulk
09-23-30	10173	8.74	22.34	31.16		101	CM	Bulk
09-23-30	10174	8.83	22.84	30.78		101	CM	Bulk
09-23-30	10175	9.55	24.47	29.32		102	CM	Bulk
09-23-30	11648	8.47	22.63	30.98		100	CM	Bulk
10-00-28	11698+	9.77	0.00	30.17		103	CM	Bulk
11-00-22	11651+	12.05	0.00	23.07		103	CM	Bulk
12-19-25	11649	11.74	19.51	26.85		100	CM	Bulk
12-19-25	11650	12.54	18.59	26.62		99	CM	Bulk
13-00-18	11652+	13.21	0.00	20.49		106	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.74	102.88	104.27				
ALL SAMPLES,CV %		8.76	5.08	2.63				
NUMBER OF ANALYSIS		15	12	15				
Deficiency Rate = 0.00 %								

HELENA CHEMICAL CO. OWENSBORO KY 42303								
18-46-00	11136	18.03	46.89	0.00		101	Mat	Bulk

HELENA CHEMICAL COMPANY (COL) COLLIERVILLE TN 38017								
00-00-00	11985+	0.00	0.00	0.00			Blend	Liq
00-00-60	10169	0.00	0.00	61.90		103	Mat	Bulk
00-00-60	10595	0.00	0.00	60.47		101	Mat	Bulk
00-00-60	11647	0.00	0.00	62.39		104	Mat	Bulk
08-24-04	11987	8.30	24.05	4.62		102	Blend	Liq
10-00-10	11986+	10.40	0.00	9.75		101	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
HELENA CHEMICAL COMPANY (COL) COLLIERVILLE TN 38017								
11-08-05	11988+	11.10	7.98	5.17		101	Blend	Liq
11-08-05	12424+	11.77	7.80	5.24		103	Mnfr	Liq
18-46-00	10168	17.72	45.65	0.00		99	Mat	Bulk
18-46-00	10591	18.11	46.98	0.00		102	Mat	Bulk
18-46-00	10592	17.87	46.47	0.00		101	Mat	Bulk
18-46-00	11644	17.77	45.14	0.00		98	Mat	Bulk
21-00-00	10167+	20.74	0.00	0.00		99	Mat	Bulk
21-00-00	11645+	21.17	0.00	0.00		101	Mat	Bulk
25-00-00	11989+	25.18	0.00	0.00		101	Blend	Liq
25-00-00	12423+	25.53	0.00	0.00		102	Mnfr	Liq
25-00-00	12474+	25.72	0.00	0.00		103	Blend	Liq
34-00-00	10593	34.01	0.00	0.00		100	Mat	Bulk
34-00-00	11646	33.27	0.00	0.00		98	Mat	Bulk
46-00-00	10594	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.02	99.71	104.16				
ALL SAMPLES,CV %		2.4	1.61	5.35				
NUMBER OF ANALYSIS		16	7	7				
Deficiency Rate = 0.00 %								
HENRY FARMERS COOP MURRAY KY 42071								
03-08-49	10379	2.84 *	7.56	50.49		101	CM	Bulk
03-09-25	10132	3.98	9.88	26.58		106	CM	Bulk
03-09-25	10133	4.13	9.87	26.62		106	CM	Bulk
04-11-21	10136	4.58	11.57	23.02		104	CM	Bulk
04-11-21	10137	4.72	11.78	22.50		104	CM	Bulk
05-14-41	10380	5.40	13.22	42.34		100	CM	Bulk
08-20-33	10134	8.08	19.94	33.68		100	CM	Bulk
08-20-33	10135	7.86	20.32	35.99		104	CM	Bulk
08-20-33	10138	7.99	19.72	34.67		101	CM	Bulk
09-23-30	10039	8.82	23.24	29.86		100	CM	Bulk
10-05-17	12094+	10.04	5.24	17.07		101	CM	Bulk
10-16-26	12095+	10.64	15.57	27.20		100	CM	Bulk
10-16-26	12096+	10.20	15.83	27.35		100	CM	Bulk
18-10-19	12097+	17.00	10.39	20.84		101	CM	Bulk
24-09-12	12098	23.55	11.11	12.75		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
HENRY FARMERS COOP MURRAY KY 42071								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.85	101.16	103.76				
ALL SAMPLES,CV %		5.87	6.84	2.63				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate = 6.67 %								
HENRY FARMERS COOP PARIS TN 38242								
00-00-60	10397	0.00	0.00	61.14		102	Mat	Bulk
18-46-00	10398	17.81	45.83	0.00		99	Mat	Bulk
18-46-00	10399	17.97	45.91	0.00		100	Mat	Bulk
34-00-00	10396	34.11	0.00	0.00		100	Mat	Bulk
HOWARD JOHNSONS ENT., INC. MILWAUKEE WI 53204								
05-03-02	11220+	4.46 *	3.60	2.75		103	Mnfr	Bag
05-03-02	11428+	5.09	3.56	2.73		108	Mnfr	Bag
07-00-12	11605	7.11	0.00	12.42		103	Blend	Bag
HYPONEX CORP. MARYSVILLE OH 43041								
10-10-10	11332	11.14	10.83	10.12		107	Blend	Bag
10-10-10	11920	12.16	10.65	12.31		117	Blend	Bag
INFINITY FERTILIZERS INC MILAN IL 61264								
05-03-03	11781+	6.31	4.74	4.45		141	Blend	Bag
05-05-03	11908+	6.60	5.45	4.66		127	Mnfr	Bag
20-20-15	11209+	22.18	21.90	14.28		107	Blend	Bag
20-20-20	11907+	22.94	19.24	14.78 *		96 *	Mnfr	Bag
32-00-10	11208+	33.12	0.00	10.26		103	Blend	Bag
INSTA-GRO MANUFACTURING, INC. CALEDONIA OH 43314								
03-18-18	12362	3.41	17.33	16.76 *		96 *	Mnfr	Liq
03-18-18	12476	3.30	16.72 *	17.29		96 *	Blend	Liq
08-00-00	12478+	8.55	0.00	0.00		107	Blend	Liq
09-18-09	12360	7.26 *	17.38	7.87 *		90 *	Blend	Liq
09-18-09	12477	7.38 *	14.45 *	7.96 *		82 *	Blend	Liq
11-00-00	12479+	11.61	0.00	0.00		106	Blend	Liq
23-00-00	12361	22.61	0.00	0.00		98	Mat	Liq
23-00-00	12475	21.72	0.00	0.00		94 *	Blend	Liq
J. R. PETERS ALLENTOWN PA 18106								
20-20-20	12008+	19.19	22.84	22.73		108	Mnfr	Bag
JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728								
04-10-46	11689	4.24	10.00	47.22		101	CM	Bulk
10-26-25	11690	10.42	25.84	26.44		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728								
18-18-18	11694+	18.52	18.59	19.88		100	CM	Bulk
19-00-34	11692	19.20	0.00	35.95		102	CM	Bulk
19-19-19	11695	19.54	19.64	18.96		100	CM	Bulk
19-19-19	11696	19.22	19.13	20.12		100	CM	Bulk
24-15-15	11555	24.24	15.77	16.33		101	CM	Bulk
27-13-13	11559	27.61	14.39	13.00		101	CM	Bulk
27-13-13	11691	27.76	14.39	12.91		101	CM	Bulk
28-12-12	11693	28.11	12.84	14.17		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.72	100.20	103.09				
ALL SAMPLES,CV %		1.94	3.42	4.74				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								

JONATHAN GREEN & SONS FARMINGDALE NJ 07727								
12-18-08	12630+	12.00	18.04	8.10		100	Blend	Bag

JUNGLE GROWTH STATHAM GA 30666								
11-02-03	10004+	11.61	3.69	3.72		116	Blend	Bag

KEES FARM SVC. GRAYSON KY 41143								
00-00-50	12587	0.00	0.00	50.44		101	Mat	Bulk
00-00-60	10816	0.00	0.00	60.41		101	Mat	Bulk
10-00-14	12588	12.40	0.00	15.26		109	CM	Bulk
16-00-17	12590	17.30	0.00	19.25		108	CM	Bulk
16-00-17	12591	15.15	0.00	19.35		103	CM	Bulk
18-46-00	10817	17.85	45.72	0.00		99	Mat	Bulk
26-14-14	12589	26.02	15.03	14.82		101	CM	Bulk
28-09-15	12586	29.11	9.38	15.71		101	CM	Bulk
28-09-15	12592	27.53	10.00	16.08		100	CM	Bulk
28-09-15	12593	27.60	10.10	15.78		100	CM	Bulk
46-00-00	10818	46.16	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.11	100.61	104.49				
ALL SAMPLES,CV %		5.64	3.01	3.21				
NUMBER OF ANALYSIS		9	5	9				
Deficiency Rate = 0.00 %								

KENTUCKY FERTILIZER (WINCH) WINCHESTER KY 40391								
00-00-60	11938	0.00	0.00	60.41		101	Mat	Bulk
05-10-15	12571	5.70	10.24	15.09		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
KENTUCKY FERTILIZER (WINCH) WINCHESTER KY 40391								
06-12-12	11592	5.84	11.76	11.88		98	Blend	Bag
09-18-27	11583	9.00	18.90	25.95		99	Blend	Bag
10-10-10	11584	10.52	10.37	9.73		102	Blend	Bag
10-10-10	11588	9.85	9.95	10.13		100	Blend	Bag
10-10-10	11797	10.60	10.29	11.13		106	Blend	Bag
10-10-10	11936	10.37	9.71	9.36		98	Blend	Bag
10-10-10	11941	10.78	10.42	10.81		107	Blend	Bag
10-10-10	11997	10.79	10.69	11.14		109	Blend	Bag
10-10-10	12021	9.13	9.17	10.47		95 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 7								
Average Analysis :		10.29	10.09	10.39		102.5		
CV, %		5.86	5.12	6.65				
10-20-20	11587	9.76	19.49	20.46		99	Blend	Bag
12-12-12	11589	12.30	11.59	12.59		101	Blend	Bag
12-12-12	11798	11.89	12.34	11.81		100	Blend	Bag
16-04-08	11801	11.99 *	9.43	11.80		117	Blend	Bag
17-00-00	11899	17.17	0.00	0.00		101	Blend	Bag
18-46-00	11939	17.50	45.82	0.00		99	Mat	Bulk
19-12-19	12660	20.00	13.16	20.91		102	CM	Bulk
20-10-20	12657	20.06	10.77	21.84		100	CM	Bulk
21-12-18	12656	20.93	12.16	19.95		104	CM	Bulk
34-03-11	11585	33.22	2.93	11.20		99	Blend	Bag
46-00-00	11940	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.90	107.50	105.16				
ALL SAMPLES,CV %		7.6	29.08	10.84				
NUMBER OF ANALYSIS		21	19	19				
Deficiency Rate = 9.09 %								
KENTUCKY FERTILIZER LLC LOUISVILLE KY 40203								
00-00-50	12659	0.00	0.00	50.61		101	Mat	Bulk
00-00-60	10692	0.00	0.00	60.76		101	Mat	Bulk
00-44-00	10695	0.00	40.29 *	0.00		92 *	Mat	Bulk
18-46-00	10693	17.69	45.01	0.00		98	Mat	Bulk
18-46-00	12658	17.57	46.32	0.00		100	Mat	Bulk
20-05-10	10933	19.12	5.18	10.68		100	Blend	Bag
46-00-00	10694	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

KENTUCKY FERTILIZER LLC LOUISVILLE KY 40203								

KNOX FERTILIZER CO., INC. KNOX IN 46534								
06-12-12	10849	7.15	12.22	11.16		102	Blend	Bag
10-10-10	10848	10.73	10.55	10.56		106	Blend	Bag
10-10-10	10896	11.29	10.48	10.65		108	Blend	Bag
10-10-10	11506	9.82	10.01	9.98		99	Blend	Bag
10-10-10	11606	11.77	10.18	10.61		109	Blend	Bag
10-10-10	11774	9.79	9.59	11.87		103	Blend	Bag
10-10-10	11835	10.61	10.72	10.81		107	Blend	Bag
10-10-10	11919	11.88	12.14	8.49 *		110	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 7								
Average Analysis :		10.84	10.52	10.43		106.1		
CV, %		7.85	7.67	9.8				
10-54-10	11212+	13.11	50.25 *	8.92 *		98	Blend	Bag
12-00-12	11207	12.18	0.00	12.49		103	Blend	Bag
12-00-12	11784	11.21	0.00	12.43		98	Blend	Bag
12-04-08	11508	12.81	4.55	7.51		104	Blend	Bag
12-04-08	11923	12.94	4.43	6.73 *		102	Blend	Bag
12-08-08	11926	13.76	9.13	9.18		115	Blend	Bag
15-30-15	11507+	19.63	29.61	13.43 *		105	Mnfr	Bag
15-30-15	11918+	16.76	28.56	16.89		103	Blend	Bag
27-00-03	11785	26.00	0.00	3.16		97	Blend	Bag
32-10-10	11213+	28.76 *	15.13	14.05		110	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		109.00	107.69	103.35				
ALL SAMPLES,CV %		10.85	13.37	13.25				
NUMBER OF ANALYSIS		18	15	18				
Deficiency Rate = 27.78 %								

LEBANON SEABOARD CORP LEBANON PA 17042								
01-03-01	11932	1.89	2.42	2.22		127	Mnfr	Bag
10-16-20	11931+	10.16	14.99	20.47		99	Blend	Bag
10-18-18	12628+	11.13	16.90	20.07		104	Blend	Bag
22-00-04	11968	24.73	0.00	4.41		112	Blend	Bag
25-00-05	12627+	23.01 *	0.00	5.41		94 *	Blend	Bag
30-00-03	10837+	24.31 *	0.00	3.91		85 *	Blend	Bag

LESCO INC. CLEVELAND OH 44114-4114								
18-24-12	11333	17.72	25.22	11.92		102	Blend	Bag
18-24-12	11421	16.80	24.16	13.83		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

LESCO INC.	CLEVELAND OH	44114-4114						
18-24-12	11966	19.35	24.12	10.62 *		101	Blend	Bag
19-19-19	11965	17.88	19.99	21.00		103	Blend	Bag
24-00-11	11777+	21.24 *	0.00	11.77		94 *	Blend	Bag

LILLY MILLER BRANDS	WALNUT CREEK CA	94597						
05-01-01	11548+	5.23	1.48	0.84		109	Mnfr	Liq
10-05-04	10895+	8.19 *	6.29	4.59		100	Blend	Bag
10-10-10	11427+	9.64	10.77	10.02		102	Blend	Bag
15-30-15	10099	15.31	31.61	14.08		101	Blend	Bag
15-30-15	11222	14.06	31.77	14.68		101	Blend	Bag
24-08-16	11607	27.81	9.71	15.88		112	Mnfr	Bag

LOVELAND PRODUCTS, INC.	GREELEY CO	80632						
03-00-00	10092	2.09 *	0.00	0.00		70 *	Mnfr	Liq
03-00-00	10093	2.41 *	0.00	0.00		80 *	Mnfr	Liq
03-00-00	11405	3.29	0.00	0.00		110	Mnfr	Liq
06-20-00	11407+	6.49	20.29	0.00		103	Blend	Liq
07-17-03	11406+	7.76	17.68	3.12		106	Blend	Liq
37-00-00	12662	36.59	0.00	0.00		99	Blend	Bag

MARTIN MARIETTA	MANISTEE MI	49660						
00-00-00	10407+	0.00	0.00	0.00			Mat	Bag
00-00-00	11612+	0.00	0.00	0.00			Mat	Bag

MARTIN OPERATING PARTNERSHIP LP	KILGORE TX	75663-0191						
00-00-00	11983+	0.00	0.00	0.00			Mat	Bulk

MATHIS FARM SUPP.	MELBER KY	42069						
00-00-50	10615	0.00	0.00	51.35		103	Mat	Bulk
00-00-60	10616	0.00	0.00	61.78		103	Mat	Bulk
06-15-20	10198	6.26	14.97	20.80		101	CM	Bulk
06-15-20	10199	6.19	15.46	21.71		104	CM	Bulk
06-15-20	10200	6.23	15.32	21.53		104	CM	Bulk
06-15-20	10201	6.03	14.78	20.86		101	CM	Bulk
09-23-30	10307	9.10	23.80	29.46		100	CM	Bulk
09-23-30	10308	9.97	21.84	33.30		106	CM	Bulk
09-23-30	10309	8.94	23.20	30.96		102	CM	Bulk
09-23-30	12310	9.25	23.62	31.11		103	CM	Bulk
09-23-30	12311	8.75	23.25	31.45		102	CM	Bulk
09-23-30	12312	8.36	22.54	31.79		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
MATHIS FARM SUPP. MELBER KY 42069								
09-23-30	12313	8.68	23.09	31.59		102	CM	Bulk
09-23-30	12314	8.58	23.05	31.23		101	CM	Bulk
09-23-30	12315	8.49	22.99	31.07		101	CM	Bulk
09-23-30	12316	8.67	23.00	31.34		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 10								
Average Analysis :		8.88	23.04	31.33		101.9		
CV, %		5.3	2.37	2.99				
18-46-00	10617	16.37 *	47.38	0.00		100	Mat	Bulk
34-00-00	10618	34.48	0.00	0.00		101	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.26	99.80	104.49				
ALL SAMPLES,CV %		5	2.49	2.63				
NUMBER OF ANALYSIS		16	15	16				
Deficiency Rate = 5.56 %								
MAYFIELD GRAIN CO. MAYFIELD KY 42066								
00-00-60	10194	0.00	0.00	60.92		102	Mat	Bulk
00-00-60	10907	0.00	0.00	59.52		99	Mat	Bulk
00-00-60	11701	0.00	0.00	60.58		101	Mat	Bulk
05-15-19	10247	6.49	14.84	20.98		105	CM	Bulk
05-15-19	10248	6.56	15.88	21.39		109	CM	Bulk
09-23-30	10191	9.40	23.92	29.39		101	CM	Bulk
09-23-30	10192	8.44	21.63	32.93		102	CM	Bulk
09-23-30	10195	8.64	22.58	31.11		101	CM	Bulk
09-23-30	10196	8.56	22.16	31.98		102	CM	Bulk
09-23-30	10375	8.68	23.21	30.48		101	CM	Bulk
09-23-30	10376	8.69	22.21	30.87		100	CM	Bulk
09-23-30	10377	8.81	21.95	31.45		101	CM	Bulk
09-23-30	12106	8.65	22.65	30.30		99	CM	Bulk
09-23-30	12107	8.75	23.12	30.13		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 9								
Average Analysis :		8.74	22.60	30.96		100.7		
CV, %		3.1	3.17	3.43				
10-40-00	10197+	11.73	38.94	0.00		102	Mnfr	Bulk
18-46-00	10193	17.62	45.61	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MAYFIELD GRAIN CO. MAYFIELD KY 42066								
18-46-00	10906	17.39	45.60	0.00		98	Mat	Bulk
18-46-00	11699	17.17	45.11	0.00		97	Mat	Bulk
18-46-00	11702	17.19	45.33	0.00		98	Mat	Bulk
32-00-00	12102	31.54	0.00	0.00		99	Mat	Liq
34-00-00	11700	33.10	0.00	0.00		97	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.69	98.84	103.36				
ALL SAMPLES,CV %		6.73	3.01	3.57				
NUMBER OF ANALYSIS		18	16	14				
Deficiency Rate = 0.00 %								

MAYFIELD GRAIN HWY 94 WINGO KY 42088								
08-22-28	12099+	8.42	21.85	28.87		99	CM	Bulk
08-22-28	12103+	8.27	21.92	28.56		98	CM	Bulk
09-23-30	12104	8.28	22.35	30.61		98	CM	Bulk
09-23-30	12105	9.04	23.78	31.17		103	CM	Bulk
10-26-25	12100	10.00	26.34	25.44		99	CM	Bulk
10-26-25	12101	9.61	25.59	26.36		99	CM	Bulk

MAYSLICK MILL MAYSLICK KY 41055								
05-15-13	12174	5.58	14.36	13.86		99	CM	Bulk
06-16-18	12172	6.74	17.61	17.38		101	CM	Bulk
28-00-08	12176	28.34	0.00	9.83		101	CM	Bulk
37-00-00	12180+	36.65	0.00	0.00		99	CM	Bulk

MEIJER (GRAND) GRAND RAPIDS MI 49544								
03-04-03	11783	3.81	5.47	3.47		128	Blend	Bag
03-04-03	11906+	2.97	4.89	3.74		116	Blend	Bag
10-10-10	11211	10.05	10.12	12.80		109	Blend	Bag
12-04-08	11210	12.49	5.61	9.13		113	Blend	Bag

MICHIGAN PEAT CO. HOUSTON TX 77098-0129								
00-00-00	10972	0.67	0.48	0.57		572	Mat	Bag

MILES OWENSBORO OWENSBORO KY 42301								
00-00-62	10017	0.00	0.00	62.51		101	Mat	Bulk
00-00-62	10225	0.00	0.00	62.45		101	Mat	Bulk
12-40-00	10226+	11.79	40.46	0.00		100	Mat	Bulk
18-46-00	10224	17.71	45.31	0.00		98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES OWENSBORO	OWENSBORO KY	42301						
18-46-00	10392	18.38	47.44	0.00		103	Mat	Bulk

MILES SHELBYVILLE	SHELBYVILLE KY	40066						
00-10-30	12048	0.00	9.52	31.69		103	Blend	Bag
00-10-30	12388+	0.00	9.73	27.55 *		93 *	Blend	Bag
06-24-24	11052	5.96	23.59	24.79		100	Blend	Bag
09-18-27	12163	8.88	18.13	27.43		101	Blend	Bag
10-10-10	10866	9.63	10.19	10.40		101	Blend	Bag
10-10-10	10920	9.71	9.58	10.51		99	Blend	Bag
10-10-10	10991	10.34	9.83	9.84		100	Blend	Bag
10-10-10	11049	10.16	9.50	10.78		101	Blend	Bag
10-10-10	11934	8.85 *	9.36	10.09		94 *	Blend	Bag
10-10-10	11960	9.84	9.73	9.82		98	Blend	Bag
10-10-10	11993	11.00	10.48	10.20		106	Blend	Bag
10-10-10	12011	9.37	9.75	10.23		98	Blend	Bag
10-10-10	12014	9.49	9.74	10.38		98	Blend	Bag
10-10-10	12049	9.99	10.01	10.47		101	Blend	Bag
10-10-10	12165	9.86	9.57	11.55		102	Blend	Bag
10-10-10	12387	10.26	9.71	10.12		100	Blend	Bag
10-10-10	12390	9.92	9.79	9.73		98	Blend	Bag
10-10-10	12511	8.39 *	9.47	10.16		93 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 14								
Average Analysis :		9.77	9.77	10.31		99.2		
CV, %		6.55	3.05	4.47				
12-12-12	11051	14.17	13.86	11.83		112	Blend	Bag
12-12-12	12676	12.13	12.37	11.86		101	Blend	Bag
12-24-24	10867	11.19	23.95	26.27		102	Blend	Bag
13-25-12	12625	13.57	26.01	11.97		103	Blend	Bag
15-15-15	10922	15.03	15.45	15.09		101	Blend	Bag
15-15-15	10993	13.80	15.34	15.48		99	Blend	Bag
19-00-19	12016	17.25 *	0.00	19.13		95 *	Blend	Bag
19-19-19	10741	18.98	19.81	20.36		104	Blend	Bag
19-19-19	10865	19.41	20.06	18.62		102	Blend	Bag
19-19-19	10979	17.60	19.64	20.17		100	Blend	Bag
19-19-19	10992	19.62	20.60	18.25		103	Blend	Bag
19-19-19	11050	20.03	19.13	17.93		101	Blend	Bag
19-19-19	11433	20.36	19.88	17.43 *		102	Blend	Bag
19-19-19	11961	20.49	19.83	16.62 *		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES SHELBYVILLE SHELBYVILLE KY 40066								
19-19-19	11992	19.35	19.54	19.03		102	Blend	Bag
19-19-19	12164	19.00	19.02	18.82		100	Blend	Bag
19-19-19	12389	18.45	18.53	20.05		100	Blend	Bag
19-19-19	12512	19.27	19.54	18.87		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 11								
Average Analysis :		19.32	19.60	18.74		101.3		
CV, %		4.33	2.84	6.23				
20-10-10	10919	25.75	8.62 *	0.34 *		91 *	Blend	Bag
25-05-10	12047	25.89	5.20	9.51		102	Blend	Bag
34-03-11	11633	29.66 *	7.56	11.79		102	Blend	Bag
35-00-00	10921	34.50	0.00	0.00		99	Blend	Bag
35-00-00	12017+	34.15	0.00	0.00		98	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.01	104.29	98.64				
ALL SAMPLES,CV %		7.92	24.04	16.73				
NUMBER OF ANALYSIS		39	38	39				
Deficiency Rate = 19.51 %								

MILWAUKEE METRO SEWERAGE DISTRICT MILWAUKEE WI 53201-3049								
05-02-00	11334+	6.16	3.80	0.00		142	Mnfr	Bag
06-02-00	12626+	5.79	3.39	0.00		115	Mnfr	Bag

MIRACLE GRO LAWN PRODUCTS MARYSVILLE OH 43041								
08-00-00	11860	8.18	0.00	0.00		102	Mnfr	Liq

MISSISSIPPI VALLEY AG CLARKSVILLE TN 37040								
01-00-00	11973	1.40	0.00	0.00		140	Mnfr	Liq

MONTY'S PLANT FOOD LOUISVILLE KY 40209								
00-00-00	11861	0.07	0.15	0.03		26 *	Mnfr	Liq
02-15-15	11622	3.62	16.86	16.82		117	Mnfr	Liq
04-15-12	12010	6.18	16.58	12.92		116	Mnfr	Liq
08-16-08	11532	9.31	17.32	8.83		111	Blend	Liq
08-16-08	11621	8.92	17.24	9.77		112	Mnfr	Liq

MORRAL CO. MORRAL OH 43337								
34-00-04	11418	33.97	0.00	3.39 *		99	Blend	Bag

MOSAIC CROP NUTRITION, LLC RIVERVIEW FL 33569								
00-00-22	10472+	0.00	0.00	22.85		106	Mat	Bulk
00-00-22	11125+	0.00	0.00	23.17		105	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MOSAIC CROP NUTRITION, LLC		RIVERVIEW FL	33569					
12-40-00	10159+	11.16	40.05	0.00		98	Mat	Bulk

NA-CHURS/ALPINE SOLUTIONS		MARION OH	43302-9989					
10-20-05	10905+	9.70	20.01	5.07		99	Blend	Liq

NCA BIOTECH		CHINO CA	91710					
01-00-01	11972+	0.15 *	0.00	1.07		62 *	Mnfr	Liq

OCEAN CREST SEAFOODS, INC.		GLOUCESTER MA	01930					
02-04-01	12493+	2.73	5.55	0.27 *		125	Mnfr	Liq

OLDFIELD, J.A. & SON		MIZE KY	41352					
00-00-50	10804	0.00	0.00	51.01		102	Mat	Bulk
00-00-60	10803	0.00	0.00	59.86		100	Mat	Bulk
05-10-15	11620	4.79	9.84	13.84 *		95 *	Blend	Bag
05-10-15	11895	5.51	10.44	15.75		106	Blend	Bag
05-10-15	12178	4.99	9.69	15.74		102	Blend	Bag
05-20-20	10809	4.86	19.85	20.89		101	Blend	Bag
05-20-20	11896	5.17	19.97	19.80		100	Blend	Bag
09-18-27	11894	9.55	18.72	26.11		100	Blend	Bag
10-10-10	10808	8.44 *	9.06 *	9.14 *		89 *	Blend	Bag
10-10-10	11897	10.02	9.94	10.53		101	Blend	Bag
10-20-20	11891	10.12	19.68	19.76		99	Blend	Bag
12-12-12	10807	11.54	11.61	11.94		97	Blend	Bag
12-12-12	11893	11.79	11.61	12.88		100	Blend	Bag
15-15-15	11890	15.53	14.93	14.97		101	Blend	Bag
18-46-00	10806	17.68	45.47	0.00		99	Mat	Bulk
19-19-19	10810	18.47	18.96	19.56		100	Blend	Bag
19-19-19	11619	18.45	18.44	19.85		99	Blend	Bag
19-19-19	11892	19.02	18.21	19.71		100	Blend	Bag
46-00-00	10805	45.85	0.00	0.00		100	Mat	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.33	98.48	101.02				
ALL SAMPLES,CV %		5.43	3.22	4.49				
NUMBER OF ANALYSIS		17	16	17				
Deficiency Rate = 10.53 %								

OTIS BRYANT & SON		CANEYVILLE KY	42721					
09-23-30	11565	9.35	23.73	28.76		100	CM	Bulk
09-23-30	12497	9.30	23.98	29.57		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

OTIS BRYANT & SON CANEYVILLE KY 42721								
17-00-35	11971	17.70	0.00	34.90		101	CM	Bulk
19-19-19	11564	19.30	19.99	19.16		101	CM	Bulk
19-19-19	11566	19.02	19.60	20.07		101	CM	Bulk
19-19-19	12669	20.37	19.21	18.00 *		100	CM	Bulk
21-02-24	12668	25.98	3.30	20.98 *		100	CM	Bulk
31-10-10	12667	31.91	10.39	10.23		100	CM	Bulk
34-08-08	12495	32.85 *	7.12 *	11.82		100	CM	Bulk
34-08-08	12496	33.32	6.67 *	11.08		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.88	99.63	103.94				
ALL SAMPLES,CV %		6.78	13.62	16.21				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 40.00 %								

PADUCAH-MCCRACKEN RVRPORT AUTHORITY PADUCAH KY 42002								
09-23-30	12410	8.63	22.56	30.11		99	CM	Bulk
09-23-30	12411	8.93	23.03	29.71		100	CM	Bulk
09-23-30	12519	8.60	22.83	29.94		99	CM	Bulk
09-23-30	12520	9.23	23.57	29.08		100	CM	Bulk
09-23-30	12521	8.38	23.40	29.40		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.75	23.08	29.65		99.2		
CV, %		3.77	1.78	1.4				

PERFECTLY NATURAL SOLUTIONS PITTSBURG PA 15230								
08-03-05	11905+	8.90	4.21	4.24 *		110	Blend	Bag

PLANTABBS PRODUCTS HUNT VALLEY MD 21030								
10-14-08	12007+	8.90 *	13.81	8.60		97	Blend	Bag

PLEASANT VIEW FARMS AUBURN KY 42206								
07-18-35	12329+	6.47	17.84	36.58		101	CM	Bulk
07-18-35	12332+	6.89	18.46	35.86		101	CM	Bulk
07-18-35	12334+	7.52	17.16	36.14		100	CM	Bulk
07-20-32	12330+	7.65	20.78	32.54		100	CM	Bulk
07-20-32	12331+	7.90	20.06	34.01		102	CM	Bulk
08-21-28	12335+	7.74	21.51	29.75		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

PLEASANT VIEW FARMS		AUBURN KY 42206						
17-17-17	12074	17.67	16.87	17.34		98	CM	Bulk
17-17-17	12075	18.35	16.30 *	17.54		98	CM	Bulk
23-30-00	12333	22.97	29.78	0.00		98	CM	Bulk

POLSON FARM SUPPLY		KNOBLICK KY 42154						
11-08-13	12303	12.48	8.55	13.05		100	CM	Bulk
14-14-24	12290	14.83	14.59	25.75		101	CM	Bulk
19-10-15	12291	20.92	10.35	15.68		101	CM	Bulk
19-19-19	11755	18.21	19.12	20.07		98	CM	Bulk
21-10-12	12301	21.77	10.51	13.68		102	CM	Bulk
21-10-12	12302	21.50	10.26	13.81		101	CM	Bulk
25-15-15	12292+	24.32	15.66	15.47		101	CM	Bulk
25-15-15	12293+	24.21	14.93	15.10		99	CM	Bulk
25-15-15	12294+	24.32	14.62	16.27		101	CM	Bulk
25-15-15	12295+	24.14	15.31	15.97		101	CM	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.98	100.01	104.17				
ALL SAMPLES,CV %		3.84	3.12	3.64				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

PRO SOL OZARK AL 36361								
10-52-08	11603+	10.00	52.72	8.06		101	Mnfr	Bag

QUALITY BORATE COMPANY		CLEVELAND OH 44122						
00-00-00	10502+	0.00	0.00	0.00			Mat	Bag

ROD MC LELLAN COMPANY (MARYSVILLE)		MARYSVILLE OH 40341						
03-04-05	10836+	3.93	3.97	6.08		116	Mnfr	Bag

ROD MCLELLAN COMPANY		INDEPENDENCE OR 97351						
04-02-03	12426+	4.85	1.64	3.79		113	Blend	Bag
06-09-00	11864+	8.64	9.37	0.00		120	Mnfr	Bag

ROGERS FERTILIZER & SERVICES		LEBANON KY 40033						
00-00-60	10557	0.00	0.00	60.01		100	Mat	Bulk
00-00-60	12342	0.00	0.00	59.94		100	Mat	Bulk
16-18-23	12344	16.28	18.97	24.20		101	CM	Bulk
16-18-23	12345	16.27	19.41	24.12		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

ROGERS FERTILIZER & SERVICES LEBANON KY 40033								
18-46-00	12341	18.06	46.20	0.00		100	Mat	Bulk
21-00-00	10558+	21.00	0.00	0.00		100	Mat	Bulk
21-00-00	12343+	21.00	0.00	0.00		100	Mat	Bulk
24-18-13	12346	24.85	18.66	13.51		101	CM	Bulk
24-18-13	12347	23.77	18.90	13.06		99	CM	Bulk
24-18-13	12348	23.89	18.56	14.21		100	CM	Bulk
24-18-13	12349	24.35	18.61	13.80		100	CM	Bulk
46-00-00	10556	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	12340	46.10	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.93	100.36	101.42				
ALL SAMPLES,CV %		1.21	1.25	2.56				
NUMBER OF ANALYSIS		11	7	8				
Deficiency Rate = 0.00 %								

ROOTBLAST INTERNATIONAL INC CANTON OH 44707								
05-06-08	11904+	6.66	6.35	8.85		115	Mnfr	Bag

SANCO INDUSTRIES INC FT WAYNE IN 46859								
05-16-12	11867	5.17	15.02	11.65		96 *	Mnfr	Liq

SCHULTZ CO. BRIDGETON MO 63044								
10-10-10	10005	10.64	10.88	8.84 *		100	Blend	Bag
10-10-10	11335	9.80	9.57	10.61		100	Blend	Bag
10-10-10	11501	8.88 *	8.81 *	10.77		94 *	Blend	Bag
10-10-10	11902	10.96	10.65	10.64		108	Blend	Bag
10-10-10	11925	14.13	11.62	9.92		120	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 5								
Average Analysis :		10.88	10.31	10.16		104.4		
CV, %		18.26	10.8	7.97				

SCOTTS MIRACLE-GRO PRODUCTS, INC MARYSVILLE OH 43041								
03-04-03	10012+	3.25	4.37	3.23		108	Blend	Bag
06-09-00	12006+	8.98	10.88	0.00		132	Mnfr	Bag
07-01-02	11206+	8.84	1.71	1.82		125	Blend	Bag
07-01-02	11608+	8.28	1.58	1.92		119	Mnfr	Bag
07-07-07	11956+	8.06	6.83	7.35		106	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SCOTTS MIRACLE-GRO PRODUCTS, INC		MARYSVILLE OH 43041						
08-07-06	11217+	8.28	7.83	6.57		108	Blend	Liq
12-04-08	11859+	12.49	4.17	7.89		103	Blend	Liq

SCOTTS SIERRA		MARYSVILLE OH 43041						
14-14-14	11967	14.17	13.98	14.58		102	Mnfr	Bag
15-08-11	12399+	14.85	7.81	11.23		100	Blend	Bag
15-09-12	12629+	16.21	9.25	12.55		106	Blend	Bag
19-06-12	11929	19.67	5.34	13.30		103	Mnfr	Bag

SECURITY SEED & CHEMICAL INC (CLA)		CLARKSVILLE TN 37040						
31-00-00	11290	31.72	0.00	0.00		101	Mat	Liq
32-00-00	11708	31.73	0.00	0.00		99	Mat	Liq
32-00-00	12472	31.64	0.00	0.00		99	Blend	Liq

SECURITY SEED & CHEMICAL INC (HOP)		HOPKINSVILLE KY 42240						
06-13-04	12420+	9.36	18.22	3.77 *		138	CM	Liq
17-07-02	12415	17.45	7.52	2.93		101	CM	Liq

SEVENTY FEEDS LLC		EUBANK KY 42567						
27-11-15	12327	26.53	11.87	15.76		100	CM	Bulk

SOUTH CENTRAL FARM SUPPLY, INC.		GAMALIEL KY 42140						
18-15-15	12670	19.26	14.08	15.00		99	CM	Bulk
19-19-19	11488	18.76	18.60	21.55		101	CM	Bulk
20-18-12	11487	21.34	17.32	12.15		99	CM	Bulk
24-13-17	11479	24.17	12.20	18.94		100	CM	Bulk
27-11-15	11490	27.11	10.85	16.26		100	CM	Bulk
30-00-20	11489	30.02	0.00	22.23		102	CM	Bulk

SOUTHERN AGRICULTURAL INSECTICIDES		PALMETTO FL 34220						
10-30-20	12622+	11.55	31.63	23.23		110	Mnfr	Bag

SOUTHERN FS, INC		MARION IL 62959						
00-00-60	12412	0.00	0.00	61.09		102	Mat	Bulk
18-46-00	12414	18.06	45.91	0.00		100	Mat	Bulk
27-00-00	12413	27.28	0.00	0.00		101	Mat	Bulk

SPECTRUM GROUP		ST. LOUIS MO 63114-0642						
10-10-10	12004+	11.21	11.24	10.82		111	Mnfr	Liq
12-05-07	11330+	11.68	4.94	6.88		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SPECTRUM GROUP ST. LOUIS MO 63114-0642								
15-00-00	11903	15.00	0.00	0.00		100	Blend	Bag
20-27-05	11778+	19.29	25.99	6.19		99	Blend	Bag
20-27-05	11901	19.68	29.38	5.23		104	Blend	Bag
20-27-05	11959+	19.96	26.04	5.66		99	Blend	Bag
35-00-05	11900+	34.84	0.00	5.54		101	Blend	Bag

SPEED AG SERVICE HICKMAN KY 42050								
00-00-60	10597	0.00	0.00	60.33		101	Mat	Bulk
00-00-60	11640	0.00	0.00	60.85		101	Mat	Bulk
06-15-40	10301	5.58	15.11	40.25		99	CM	Bulk
06-15-40	10302	5.98	15.87	39.89		100	CM	Bulk
06-15-40	10303	5.71	15.22	40.19		100	CM	Bulk
09-23-30	11641	9.02	23.14	29.93		100	CM	Bulk
09-23-30	11642	9.02	23.56	28.87		99	CM	Bulk
11-09-23	11628+	11.92	9.45	22.61		99	CM	Bulk
11-09-23	11629+	11.90	9.38	22.87		99	CM	Bulk
11-09-23	11630+	11.39	9.92	23.74		101	CM	Bulk
11-09-23	11631+	11.61	9.51	23.51		100	CM	Bulk
11-09-23	11632+	11.48	9.35	24.58		102	CM	Bulk
Statistical Analysis for Grade : 11-09-23								
Number of Samples This Grade : 5								
Average Analysis :		11.66	9.52	23.46		100.2		
CV, %		2.07	2.43	3.31				
11-18-24	11636+	11.34	18.10	24.42		100	CM	Bulk
16-12-23	11643	15.71	13.01	23.94		100	CM	Bulk
18-46-00	10596	17.56	46.26	0.00		100	Mat	Bulk
18-46-00	10598	17.82	45.83	0.00		99	Mat	Bulk
18-46-00	11637	17.60	46.39	0.00		100	Mat	Bulk
21-00-00	10599+	20.82	0.00	0.00		99	Mat	Bulk
21-00-00	11638+	20.90	0.00	0.00		100	Mat	Bulk
34-00-00	11639	33.39	0.00	0.00		98	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.75	100.04	100.47				
ALL SAMPLES,CV %		2.38	2.01	2.32				
NUMBER OF ANALYSIS		18	15	14				
Deficiency Rate = 0.00 %								

SS (BOWL) BOWLING GREEN COOP BOWLING GREEN KY 42101								
04-21-25	10312	5.06	21.67	27.45		106	CM	Bulk
08-21-28	11293	8.72	22.21	27.37		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (BOWL) BOWLING GREEN COOP BOWLING GREEN KY 42101								
08-22-27	10104	8.74	25.10	26.09		101	CM	Bulk
08-22-27	10105	8.75	25.62	26.00		102	CM	Bulk
10-27-24	10313	10.81	27.36	25.22		102	CM	Bulk
10-27-24	10315	10.69	26.86	24.45		100	CM	Bulk
11-21-25	10311	11.58	22.00	26.92		105	CM	Bulk
11-21-25	10314	11.75	21.67	26.13		103	CM	Bulk
21-15-20	11291	20.63	15.42	20.72		100	CM	Bulk
25-15-15	11292	24.88	14.86	14.94		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.60	102.86	101.32				
ALL SAMPLES,CV %		5.98	4.85	4.06				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (CADI) CADIZ BR CADIZ KY 42211								
05-27-27	10023	5.61	27.87	26.84		100	CM	Bulk
05-27-27	10040	5.59	27.80	27.61		102	CM	Bulk
05-27-27	10041	5.84	28.01	27.67		102	CM	Bulk
10-26-25	11888	10.03	25.82	27.09		101	CM	Bulk
11-29-22	12092	11.13	28.45	22.84		100	CM	Bulk
19-19-19	11887	19.45	19.51	19.30		100	CM	Bulk
29-13-13	12093	27.84	12.73	13.67		100	CM	Bulk
33-09-08	12080	33.20	10.91	8.26		101	CM	Bulk
35-07-07	11889	35.84	7.00	7.60		100	CM	Bulk

SS (CALH) CALHOUN CALHOUN KY 42327								
08-22-30	12482	9.31	22.73	31.51		102	CM	Bulk
09-23-30	12534	8.80	22.03	31.41		100	CM	Bulk
09-23-30	12535	8.90	23.35	29.02		99	CM	Bulk
09-23-30	12596	10.38	24.89	27.65 *		102	CM	Bulk
09-23-30	12597	9.59	24.16	28.52 *		101	CM	Bulk
09-23-30	12598	8.93	22.06	31.30		100	CM	Bulk
09-23-30	12599	9.24	22.00	30.98		100	CM	Bulk
09-23-30	12600	7.16 *	18.88 *	35.75		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (CALH) CALHOUN CALHOUN KY 42327								
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		9.00	22.48	30.66		100.0		
CV, %		10.87	8.7	8.76				
34-19-00	12536	34.88	18.48	0.00		99	CM	Bulk

SS (CAMP) CAMPBELLSVILLE CAMPBELLSVILLE KY 42718								
09-24-28	11498	9.94	25.27	27.84		102	CM	Bulk
17-17-17	11497	17.23	17.14	18.01		101	CM	Bulk
17-17-17	11739	17.52	17.96	17.48		100	CM	Bulk
19-19-19	11495	19.43	18.76	19.84		100	CM	Bulk
19-19-19	11740	18.20	19.77	19.78		99	CM	Bulk
20-13-13	11500	21.41	13.49	13.43		102	CM	Bulk
21-13-13	11496	21.97	13.48	13.34		101	CM	Bulk
21-15-20	11499	21.11	15.40	20.88		101	CM	Bulk
22-12-12	11494	23.90	12.16	11.45		102	CM	Bulk
23-15-16	11493	23.27	16.73	16.49		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.73	101.21	100.47				
ALL SAMPLES,CV %		3.6	2.35	3.2				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (CARL) OWINGS SVC-CARLISLE BR CARLISLE KY 40311								
13-10-15	12584	13.18	10.13	16.43		100	CM	Bulk
19-00-29	12583	18.84	0.00	30.96		102	CM	Bulk
20-07-06	12582	21.62	7.52	6.57		102	CM	Bulk
20-07-06	12585	20.73	7.34	7.17		101	CM	Bulk

SS (CLAY) CLAY KY 42404								
09-23-30	12401	8.95	22.56	30.83		100	CM	Bulk
09-23-30	12402	8.48	22.77	30.80		100	CM	Bulk
09-23-30	12404	8.55	22.62	31.12		100	CM	Bulk
09-23-30	12406	8.58	21.60	31.84		99	CM	Bulk
09-23-30	12407	8.92	22.58	31.05		101	CM	Bulk
09-23-30	12408	8.99	23.51	29.50		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (CLAY) CLAY KY 42404								
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		8.75	22.61	30.86		100.1		
CV, %		2.65	2.7	2.48				
19-19-19	11364	19.01	19.07	20.06		100	CM	Bulk
29-09-14	12403	28.42	10.22	14.66		101	CM	Bulk
29-09-14	12405	27.43 *	9.86	16.68		101	CM	Bulk
SS (COLU) GREEN RVR SVC ADAIR COLUMBIA KY 42728								
06-17-33	11560+	7.00	17.29	33.35		99	CM	Bulk
06-17-34	11561+	6.73	16.93	34.28		100	CM	Bulk
26-13-14	11688	26.66	14.27	14.70		101	CM	Bulk
27-00-24	11562	27.32	0.00	23.95		99	CM	Bulk
27-00-24	11563	27.03	0.00	24.27		99	CM	Bulk
27-13-13	11684	26.19	13.00	15.36		99	CM	Bulk
SS (CYN) LEXINGTON COOP-CYN BRANCH CYNTHIANA KY 41031								
06-17-24	12154+	6.94	17.92	25.69		102	CM	Bulk
07-18-23	12153+	7.60	18.68	23.93		101	CM	Bulk
14-00-34	11807	14.40	0.00	34.42		100	CM	Bulk
14-00-34	11808	13.67	0.00	35.84		101	CM	Bulk
17-08-30	10539	18.84	8.20	29.99		101	CM	Bulk
22-00-20	11809	21.85	0.00	20.58		100	CM	Bulk
25-18-12	11810	24.90	17.26	12.61		97	CM	Bulk
27-00-24	12155	27.44	0.00	23.40		99	CM	Bulk
27-00-24	12156	27.47	0.00	23.60		99	CM	Bulk
32-05-12	12152+	32.90	4.64	11.97		100	CM	Bulk
34-00-15	12157	30.38 *	0.00	20.91		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.45	96.38	103.95				
ALL SAMPLES,CV %		4.72	3.48	10.14				
NUMBER OF ANALYSIS		11	5	11				
Deficiency Rate = 9.09 %								
SS (ELIZ) HARDIN COOP, INC ELIZABETHTOWN KY 42701								
10-26-24	10328+	10.53	26.97	25.12		101	CM	Bulk
10-26-24	10329+	10.54	27.39	25.28		102	CM	Bulk
15-22-22	11157	15.44	22.42	22.78		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (ELIZ) HARDIN COOP, INC		ELIZABETHTOWN KY 42701						
16-21-21	11160	16.58	21.94	21.86		101	CM	Bulk
19-19-19	11156	18.94	19.97	20.31		102	CM	Bulk
19-19-19	11158	19.26	19.72	20.12		102	CM	Bulk
21-17-17	11162	20.35	17.26	21.05		102	CM	Bulk
22-09-24	11155	22.10	9.05	24.63		101	CM	Bulk
22-09-24	11161	21.64	9.42	25.08		101	CM	Bulk
27-13-13	11159	27.41	13.82	14.49		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.35	101.05	104.73				
ALL SAMPLES,CV %		2.09	2.02	4.71				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (ELKT) RUSS.-TODD BRANCH		ELKTON KY 42220						
04-22-32	10107	4.83	23.60	32.74		102	CM	Bulk
04-22-32	10108	4.71	23.10	33.03		101	CM	Bulk
07-20-33	10118	7.77	20.56	33.29		100	CM	Bulk
08-20-33	10117	7.78	20.83	33.04		100	CM	Bulk
09-23-28	11201	9.09	23.43	29.04		99	CM	Bulk
09-23-28	11202	8.55	23.34	30.00		99	CM	Bulk
09-23-28	11203	8.85	23.57	28.94		99	CM	Bulk
10-25-26	10018	9.99	25.76	26.92		101	CM	Bulk
27-11-14	11198	27.48	11.80	14.82		101	CM	Bulk
27-11-15	11200	27.91	11.88	14.86		101	CM	Bulk
27-13-13	11199	26.72	14.75	13.51		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.91	101.64	100.50				
ALL SAMPLES,CV %		4.06	2.85	1.42				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

SS (EMIN) INC KNTCKANA SVC-HENRY BR		EMINENCE KY 40019-9801						
05-13-42	11021+	5.43	13.56	42.95		102	CM	Bulk
09-07-11	12555	9.76	7.80	11.55		100	CM	Bulk
09-08-12	12557	9.86	8.21	11.75		101	CM	Bulk
09-09-13	12237	11.20	9.55	14.24		106	CM	Bulk
11-07-09	12556	11.52	7.46	9.55		99	CM	Bulk
18-00-36	11020	18.92	0.00	36.54		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (EMIN) INC KNTCKANA SVC-HENRY BR EMINENCE KY 40019-9801								
21-12-19	12553	20.88	12.14	20.27		101	CM	Bulk
22-00-28	11019	22.34	0.00	28.97		101	CM	Bulk
24-00-24	12554	23.58	0.00	26.06		103	CM	Bulk
27-12-14	12234+	26.57	13.66	14.92		101	CM	Bulk
27-12-14	12235+	26.04	12.75	15.86		100	CM	Bulk
27-12-14	12236+	26.18	12.86	15.05		99	CM	Bulk
28-08-16	11596	27.89	8.54	17.56		101	CM	Bulk
28-08-16	11597	27.92	8.47	16.84		100	CM	Bulk
30-00-20	11600	30.28	0.00	20.52		100	CM	Bulk
32-00-17	11598	32.82	0.00	17.18		100	CM	Bulk
37-04-06	11599+	38.01	5.50	7.15		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.19	101.13	103.12				
ALL SAMPLES,CV %		4.69	4.35	3.82				
NUMBER OF ANALYSIS		17	12	17				
Deficiency Rate = 0.00 %								

SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041								
04-11-15	12061	4.72	11.75	14.82		101	CM	Bulk
12-14-14	12072	13.61	14.59	14.72		104	CM	Bulk
13-13-14	12068	13.85	14.78	15.46		107	CM	Bulk
22-12-17	12062+	21.50	11.61	16.98		99	CM	Bulk
22-12-17	12063+	21.44	11.38	17.60		100	CM	Bulk
22-12-17	12064+	21.02	11.92	17.15		99	CM	Bulk
22-12-17	12065+	22.15	12.07	17.41		102	CM	Bulk
22-12-17	12066+	21.30	11.65	17.76		100	CM	Bulk
22-12-17	12067+	22.61	11.42	17.74		102	CM	Bulk
22-12-17	12069+	20.62	12.03	17.59		99	CM	Bulk
Statistical Analysis for Grade : 22-12-17								
Number of Samples This Grade : 7								
Average Analysis :		21.52	11.73	17.46		100.0		
CV, %		3.12	2.41	1.71				

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.11	101.91	103.09				
ALL SAMPLES,CV %		4.25	2.83	2.76				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (FRAN) SIMPSON COOP FRANKLIN KY 42134								
02-12-14	10125	3.48	13.10	16.78		113	CM	Bulk
03-18-21	10035	4.29	19.65	22.57		106	CM	Bulk
05-25-30	10033	5.34	25.84	29.40		101	CM	Bulk
05-25-30	10034	5.06	25.12	30.24		101	CM	Bulk
05-25-30	10036	5.28	26.06	29.44		101	CM	Bulk
05-25-30	10037	5.16	25.46	30.30		101	CM	Bulk
05-29-24	10126	6.29	31.04	25.89		106	CM	Bulk
05-29-24	10127	6.62	32.22	25.23		107	CM	Bulk
05-29-24	10129	6.47	31.00	23.43		101	CM	Bulk
06-33-20	10128	7.23	34.72	21.00		105	CM	Bulk
06-33-20	10130	7.16	35.03	20.87		105	CM	Bulk
10-26-26	10131	10.35	28.60	24.94		102	CM	Bulk
19-13-18	10164	20.18	14.07	19.09		104	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		109.26	104.50	102.69				
ALL SAMPLES,CV %		9.55	2.68	4.72				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 0.00 %								

SS (GEOR) GEORGETOWN COOP GEORGETOWN KY 40324								
00-00-57	12650+	0.00	0.00	57.75		101	CM	Bulk
16-00-27	12651+	16.39	0.00	29.34		102	CM	Bulk
30-00-20	12036	30.10	0.00	21.33		101	CM	Bulk
30-00-20	12037	29.48	0.00	21.45		100	CM	Bulk
35-00-13	12649	34.58	0.00	15.25		101	CM	Bulk
40-00-00	12035+	40.80	0.00	0.00		101	CM	Bulk
40-00-00	12042+	40.35	0.00	0.00		100	CM	Bulk

SS (GLAS) GLASGOW COOP GLASGOW KY 42141								
09-23-30	10802	9.85	23.13	29.15		101	CM	Bulk
19-19-19	10880	18.85	19.07	20.50		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (GLAS) GLASGOW COOP GLASGOW KY 42141								
19-19-19	10881	18.21	18.97	22.04		101	CM	Bulk
19-19-19	10882	18.45	19.82	21.04		102	CM	Bulk
19-19-19	11256	19.40	19.71	19.93		102	CM	Bulk
23-16-16	11258	22.85	17.28	16.88		101	CM	Bulk
27-13-13	11257	27.09	13.72	14.23		101	CM	Bulk
27-13-13	11259	26.28	13.95	15.11		101	CM	Bulk
28-12-12	10878	29.21	12.53	14.15		104	CM	Bulk
28-12-12	10879	28.06	11.85	14.34		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.69	100.66	107.65				
ALL SAMPLES,CV %		4.41	2.8	5.56				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (GREE) GREENVILLE KY SVC GREENVILLE KY 42345								
09-23-30	12484	9.52	21.92	30.96		100	CM	Bulk
14-17-22	12487	14.94	16.59	23.75		102	CM	Bulk
30-11-11	12485	27.59 *	10.83	16.55		102	CM	Bulk
30-11-11	12486	30.50	9.09 *	13.25		99	CM	Bulk
30-11-11	12488	28.11 *	10.90	15.81		102	CM	Bulk
32-09-09	12459	31.91	9.96	11.13		102	CM	Bulk
32-09-09	12489	31.83	9.03	11.04		100	CM	Bulk
32-09-09	12490	30.78 *	8.88	13.93		102	CM	Bulk
32-09-09	12491	32.11	8.87	10.82		100	CM	Bulk
32-09-09	12492	33.05	9.07	9.91		100	CM	Bulk
Statistical Analysis for Grade : 32-09-09								
Number of Samples This Grade : 5								
Average Analysis :		31.94	9.16	11.37		100.7		
CV, %		2.54	4.96	13.29				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.98	96.06	118.72				
ALL SAMPLES,CV %		4.69	7.1	14.37				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 40.00 %								

SS (HARD) BRECK SERVICE HARDINSBURG KY 40143								
07-14-07	11242	7.48	14.40	6.16 *		101	Blend	Liq
09-09-39	11244	10.56	12.76	37.49 *		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (HARD) BRECK SERVICE HARDINSBURG KY 40143								
10-27-24	11240	10.00	26.27	26.93		100	CM	Bulk
10-27-24	11305	11.48	28.62	22.86 *		102	CM	Bulk
19-19-19	11243	18.04	23.73	17.21 *		102	CM	Bulk
19-19-19	11245	18.85	20.25	19.21		101	CM	Bulk
19-19-19	11299	18.81	20.14	19.06		100	CM	Bulk

SS (HARR) CNTRL KY SVC HARRODSBURG KY 40330								
10-00-20	12371	10.57	0.00	20.06		102	CM	Bulk
13-00-36	12376	13.05	0.00	36.65		100	CM	Bulk
18-00-16	12377	18.60	0.00	17.16		103	CM	Bulk
18-00-36	12373	18.08	0.00	36.30		100	CM	Bulk
19-19-19	12378	18.59	18.42	20.57		99	CM	Bulk
29-10-13	12380	27.84 *	11.90	13.69		101	CM	Bulk
33-00-16	12372	29.02 *	0.00	22.25		101	CM	Bulk
33-00-16	12379	31.15 *	0.00	18.83		100	CM	Bulk
35-00-05	12375+	34.22	0.00	6.80		99	CM	Bulk
36-00-11	12381	35.77	0.00	13.92		101	CM	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.78	106.47	109.88				
ALL SAMPLES,CV %		5.05	13.99	10.48				
NUMBER OF ANALYSIS		10	2	10				
Deficiency Rate = 30.00 %								

SS (HEND) HENDERSON COOP HENDERSON KY 42420								
06-17-37	10220	6.91	17.02	38.09		101	CM	Bulk
06-17-37	10221	6.73	16.86	39.16		102	CM	Bulk
08-22-30	10216	9.23	23.21	30.98		102	CM	Bulk
08-22-30	10217	8.93	22.68	30.90		101	CM	Bulk
08-22-30	10218	9.01	23.09	30.46		101	CM	Bulk
08-22-30	10219	9.27	22.96	30.76		102	CM	Bulk
09-23-29	10222	8.99	22.61	30.67		101	CM	Bulk
09-23-29	10223	9.31	22.96	31.42		103	CM	Bulk
09-23-30	10211	8.21	22.02	32.50		102	CM	Bulk
09-23-30	10212	8.72	22.42	30.60		100	CM	Bulk
09-23-30	10213	9.01	22.99	30.70		101	CM	Bulk

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		99.78	98.77	103.32				
ALL SAMPLES,CV %		3.52	1.7	1.97				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

SS (HODG) HARDIN COOP HODG BR SVC HODGENVILLE KY 42748								
04-20-34	10365	4.49	21.41	36.05		103	CM	Bulk
04-20-36	10364	4.32	20.02	37.24		103	CM	Bulk
04-24-30	10298	5.50	24.71	31.13		102	CM	Bulk
04-24-30	10299	5.61	25.66	29.71		101	CM	Bulk
05-27-27	10383	5.89	27.26	27.45		101	CM	Bulk
09-23-28	11382	9.50	24.32	27.93		100	CM	Bulk
10-26-26	10381	9.99	25.89	27.39		102	CM	Bulk
10-26-26	10382	10.20	26.39	26.51		101	CM	Bulk
13-20-26	10292	13.33	20.51	26.29		100	CM	Bulk
19-19-19	11381	19.74	18.18	19.83		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.06	100.41	101.26				
ALL SAMPLES,CV %		4.97	2.57	2.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (HOPK) HOPKINSVILLE COOP HOPKINSVILLE KY 42240								
04-16-17	10160+	5.18	15.75	18.54		105	CM	Bulk
04-16-17	10161+	5.23	15.93	18.58		105	CM	Bulk
04-17-18	10162+	5.51	17.68	18.75		104	CM	Bulk
06-28-24	10237+	5.60	27.81	25.00		102	CM	Bulk
06-28-24	10238+	5.51	27.30	24.96		101	CM	Bulk
06-28-24	10239+	5.64	27.65	24.43		101	CM	Bulk
06-28-24	10371+	6.06	29.46	23.40		101	CM	Bulk
06-28-24	10373+	5.97	27.35	25.12		101	CM	Bulk
06-28-24	10374+	5.78	27.64	25.18		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (HOPK) HOPKINSVILLE COOP HOPKINSVILLE KY 42240								
Statistical Analysis for Grade : 06-28-24								
Number of Samples This Grade : 6								
Average Analysis :		5.76	27.87	24.68		101.4		
CV, %		3.78	2.88	2.76				
29-11-12	11080	29.36	12.44	12.81		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.47	100.69	103.28				
ALL SAMPLES,CV %		5.01	3.23	3.09				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (HORS) HORSE CAVE COOP HORSE CAVE KY 42749								
17-15-24	11150	18.02	16.24	24.36		102	CM	Bulk
18-16-22	11145	18.54	16.41	23.92		101	CM	Bulk
19-19-19	11148	19.48	19.00	20.03		101	CM	Bulk
19-19-19	11149	19.78	18.24	20.15		100	CM	Bulk
19-19-19	11151	19.01	18.57	20.64		100	CM	Bulk
19-19-19	11154	19.66	18.33	20.12		100	CM	Bulk
25-06-21	11146	26.36	6.44	21.91		102	CM	Bulk
25-06-21	11147	25.32	7.11	23.04		103	CM	Bulk
25-06-21	11152	26.37	6.57	21.20		101	CM	Bulk
25-06-21	11153	26.78	6.70	20.26		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.07	99.94	103.02				
ALL SAMPLES,CV %		1.89	4.96	3.87				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (LAGR) KY SVC BR-LAGRANGE BR LAGRANGE KY 40031								
10-26-26	12225	10.61	25.28	27.72		102	CM	Bulk
14-22-22	11042	14.78	21.87	23.02		102	CM	Bulk
15-21-22	12231	15.28	21.11	23.97		100	CM	Bulk
15-21-22	12233	15.03	22.10	23.47		101	CM	Bulk
19-16-19	12227+	19.11	16.07	19.76		102	CM	Bulk
19-16-19	12230+	19.78	16.04	21.81		106	CM	Bulk
22-16-16	11035+	21.65	16.03	17.11		101	CM	Bulk
24-14-14	12229	25.60	14.89	14.62		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (LAGR) KY SVC BR-LAGRANGE BR LAGRANGE KY 40031								
26-14-14	12228	26.88	13.44	14.50		100	CM	Bulk
26-14-14	12232	25.99	14.35	15.25		101	CM	Bulk
27-10-16	12226	25.47	11.16	17.87		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.64	100.35	106.04				
ALL SAMPLES,CV %		3.37	3.11	3.4				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

SS (LEBA) LEBANON SVC SPRINGFIELD KY 40069								
20-00-33	11275	20.18	0.00	34.58		102	CM	Bulk
22-14-19	11280	22.33	14.22	20.35		101	CM	Bulk
32-08-10	11276	32.97	8.27	10.66		100	CM	Bulk

SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754								
08-21-31	10264	8.88	22.24	31.49		101	CM	Bulk
08-21-31	10265	8.94	21.51	32.29		102	CM	Bulk
19-10-26	11270	19.58	10.38	26.76		101	CM	Bulk
19-19-19	11274	19.46	18.70	19.85		100	CM	Bulk
19-19-19	11372	19.42	19.58	19.09		100	CM	Bulk
19-19-19	11374	19.19	19.83	19.56		101	CM	Bulk
19-19-19	11375	20.07	19.38	19.61		102	CM	Bulk
19-19-19	11376	19.40	19.11	20.36		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.51	19.32	19.69		100.7		
CV, %		1.7	2.26	2.35				
32-09-09	11373	32.64	9.90	9.94		101	CM	Bulk
32-09-09	11377	32.83	9.21	9.83		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.57	100.24	101.71				
ALL SAMPLES,CV %		2.18	2.49	2.04				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (LIBE) LIBERTY SVC LIBERTY KY 42539								
12-12-12	11166	12.76	12.97	13.48		103	CM	Bulk
18-18-18	11173	18.21	18.62	18.16		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (LIBE) LIBERTY SVC		LIBERTY KY 42539						
19-19-19	11169	18.68	18.70	21.34		100	CM	Bulk
19-19-19	11170	19.76	19.30	20.11		102	CM	Bulk
25-11-17	11171	25.44	11.22	17.82		100	CM	Bulk
27-11-15	11172	27.28	10.93	15.72		100	CM	Bulk
27-13-13	11167	27.07	13.46	14.22		100	CM	Bulk
27-13-13	11757	26.70	13.70	15.61		102	CM	Bulk
27-13-13	11758	26.74	13.24	14.99		100	CM	Bulk
27-13-13	11759	27.41	12.91	14.11		100	CM	Bulk
31-09-12	11168	31.60	8.01 *	13.92		102	CM	Bulk
32-00-17	11756	32.41	0.00	18.41		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.42	97.30	106.88				
ALL SAMPLES,CV %		1.58	4.4	4.73				
NUMBER OF ANALYSIS		12	11	12				
Deficiency Rate = 8.33 %								

SS (LOND) LONDON COOP		LONDON KY 40741						
06-12-12	12001	6.37	11.94	12.69		103	Blend	Bag
10-10-10	11999	10.36	9.32	10.23		100	Blend	Bag
19-19-19	12000	20.25	18.64	19.64		103	Blend	Bag

SS (MAYS) MAYSVILLE COOP		MAYSVILLE KY 41056-0668						
06-15-39	11613	6.19	15.47	39.18		99	CM	Bulk
21-12-19	12433	20.31	12.19	20.56		100	CM	Bulk
24-11-19	12429	24.17	10.99	18.94		99	CM	Bulk
24-12-17	11614+	23.70	12.18	17.04		100	CM	Bulk
27-13-13	11618	27.67	13.29	13.39		100	CM	Bulk
28-06-16	12434+	27.67	6.90	18.35		102	CM	Bulk
29-07-15	12430	29.71	8.36	16.05		103	CM	Bulk

SS (MORG) MORGANFIELD COOP		MORGANFIELD KY 42437						
04-24-30	10151	5.35	25.33	31.11		103	CM	Bulk
04-24-30	10152	5.04	24.34	32.36		103	CM	Bulk
04-24-30	10153	4.81	23.55	32.59		102	CM	Bulk
05-14-18	10254	6.32	15.09	18.78		104	CM	Bulk
05-14-18	10255	6.69	14.98	19.87		108	CM	Bulk
05-14-18	10256	6.31	14.59	20.10		106	CM	Bulk
05-14-18	10257	6.19	14.67	19.21		104	CM	Bulk
07-18-36	10258	6.95	17.65	37.33		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437								
09-23-30	10342	9.13	23.94	29.66		101	CM	Bulk
09-23-30	10343	8.67	22.72	31.23		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		106.08	101.31	103.57				
ALL SAMPLES,CV %		7.24	3.09	2.74				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (OWEN) COOP OWENSBORO OWENSBORO KY 42301								
04-20-35	10261	4.20	20.41	36.92		103	CM	Bulk
04-21-34	10266	4.08	20.33	36.05		101	CM	Bulk
09-22-29	11734+	8.59	22.34	28.53		100	CM	Bulk
09-22-29	11735+	8.79	23.31	27.70		101	CM	Bulk
09-22-29	11853+	8.42	21.50	29.48		99	CM	Bulk
09-22-29	11854+	8.40	21.94	29.25		100	CM	Bulk
09-23-30	11727	8.45	22.93	29.42		98	CM	Bulk
09-23-30	11728	8.34	21.92	32.65		101	CM	Bulk
10-26-26	11729	9.82	26.39	25.10		99	CM	Bulk
10-26-26	11730	10.05	26.13	25.92		100	CM	Bulk
11-18-23	11731+	11.28	19.32	22.97		100	CM	Bulk
11-18-23	11732+	11.45	19.08	22.75		99	CM	Bulk
11-18-23	11733+	11.40	19.15	23.30		100	CM	Bulk
24-13-17	11126	24.35	13.65	18.57		102	CM	Bulk
24-13-17	11127	23.91	14.02	18.62		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.42	100.67	100.68				
ALL SAMPLES,CV %		2.95	3.01	4.57				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate = 0.00 %								

SS (OWEN) OWENTON COOP, INC OWENTON KY 40359								
03-09-47	12644+	4.14	8.69	47.59		100	CM	Bulk
14-16-24	12646	13.75	16.98	24.89		101	CM	Bulk
15-15-23	12642	16.44	15.47	22.73		100	CM	Bulk
15-15-23	12643	14.82	13.78 *	25.79		101	CM	Bulk
16-12-18	12647	16.02	12.96	20.55		103	CM	Bulk
17-08-26	12640	17.91	8.71	25.96		100	CM	Bulk
19-05-26	12648	19.62	5.73	26.13		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (OWEN) OWENTON COOP, INC OWENTON KY 40359								
19-19-19	12641	19.51	22.60	15.88 *		101	CM	Bulk
21-12-19	12639	21.68	12.68	19.30		101	CM	Bulk
28-05-15	12645	28.19	5.50	16.44		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.16	101.41	100.13				
ALL SAMPLES,CV %		5.99	7.42	7.79				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								

SS (OWIN) OWINGSVILLE SVC OWINGSVILLE KY 40360								
07-19-34	12573	8.15	18.67	34.06		98	CM	Bulk
13-13-27	11060	14.00	13.53	27.76		101	CM	Bulk
15-00-35	11061	14.16	0.00	37.29		100	CM	Bulk
15-30-15	11062	15.60	30.65	14.94		99	CM	Bulk
15-30-15	11063	15.55	31.36	15.06		101	CM	Bulk
17-17-17	12575	17.48	17.50	18.90		101	CM	Bulk
19-19-19	12580	18.38	19.65	20.86		101	CM	Bulk
19-19-19	12581	18.78	19.45	20.54		101	CM	Bulk
20-09-17	12576	20.04	10.47	18.87		102	CM	Bulk
22-12-18	12579	21.25	12.46	19.68		102	CM	Bulk
41-02-03	12574	40.56	2.77	4.55		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.38	100.32	105.83				
ALL SAMPLES,CV %		3.45	3.17	8.13				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate = 0.00 %								

SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-22	10543+	0.00	0.00	22.47		102	Mat	Bulk
00-00-22	11059+	0.00	0.00	22.53		102	Mat	Bulk
00-00-50	10438	0.00	0.00	47.07 *		94 *	Mat	Bulk
00-00-50	10528	0.00	0.00	51.79		104	Mat	Bulk
00-00-50	10725	0.00	0.00	50.25		100	Mat	Bulk
00-00-50	11593	0.00	0.00	51.33		103	Mat	Bulk
00-00-50	12032	0.00	0.00	50.58		101	Mat	Bulk
00-00-50	12158	0.00	0.00	51.55		103	Mat	Bulk
00-00-50	12374	0.00	0.00	51.64		103	Mat	Bulk
00-00-50	12431	0.00	0.00	51.80		104	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-50	12503	0.00	0.00	51.27		103	Mat	Bulk
00-00-50	12504	0.00	0.00	51.36		103	Mat	Bulk
00-00-50	12578	0.00	0.00	50.61		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 11								
Average Analysis :		0.00	0.00	50.84		101.7		
CV, %		0	0	2.67				
00-00-60	10148	0.00	0.00	59.74		100	Mat	Bulk
00-00-60	10150	0.00	0.00	61.17		102	Mat	Bulk
00-00-60	10208	0.00	0.00	61.24		102	Mat	Bulk
00-00-60	10405	0.00	0.00	60.82		101	Mat	Bulk
00-00-60	10409	0.00	0.00	61.41		102	Mat	Bulk
00-00-60	10441	0.00	0.00	59.75		100	Mat	Bulk
00-00-60	10442	0.00	0.00	60.54		101	Mat	Bulk
00-00-60	10454	0.00	0.00	60.13		100	Mat	Bulk
00-00-60	10455	0.00	0.00	59.07		98	Mat	Bulk
00-00-60	10456	0.00	0.00	60.89		101	Mat	Bulk
00-00-60	10457	0.00	0.00	61.50		102	Mat	Bulk
00-00-60	10458	0.00	0.00	60.90		102	Mat	Bulk
00-00-60	10466	0.00	0.00	58.88		98	Mat	Bulk
00-00-60	10467	0.00	0.00	59.96		100	Mat	Bulk
00-00-60	10513	0.00	0.00	61.92		103	Mat	Bulk
00-00-60	10523	0.00	0.00	59.05		98	Mat	Bulk
00-00-60	10525	0.00	0.00	61.97		103	Mat	Bulk
00-00-60	10526	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	10542	0.00	0.00	59.60		99	Mat	Bulk
00-00-60	10544	0.00	0.00	60.34		101	Mat	Bulk
00-00-60	10547	0.00	0.00	60.16		100	Mat	Bulk
00-00-60	10572	0.00	0.00	59.98		100	Mat	Bulk
00-00-60	10574	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	10580	0.00	0.00	59.46		99	Mat	Bulk
00-00-60	10581	0.00	0.00	60.18		100	Mat	Bulk
00-00-60	10605	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	10627	0.00	0.00	59.54		99	Mat	Bulk
00-00-60	10647	0.00	0.00	60.20		100	Mat	Bulk
00-00-60	10662	0.00	0.00	61.34		102	Mat	Bulk
00-00-60	10665	0.00	0.00	59.70		100	Mat	Bulk
00-00-60	10666	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	10667	0.00	0.00	60.33		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RICH) COOP INC FERT DIV			RICHMOND VA	23260				
00-00-60	10707	0.00	0.00	59.39		99	Mat	Bulk
00-00-60	10708	0.00	0.00	59.94		100	Mat	Bulk
00-00-60	10712	0.00	0.00	59.87		100	Mat	Bulk
00-00-60	10717	0.00	0.00	59.58		99	Mat	Bulk
00-00-60	10718	0.00	0.00	59.70		100	Mat	Bulk
00-00-60	10723	0.00	0.00	59.87		100	Mat	Bulk
00-00-60	10758	0.00	0.00	60.29		100	Mat	Bulk
00-00-60	10759	0.00	0.00	59.46		99	Mat	Bulk
00-00-60	10761	0.00	0.00	59.30		99	Mat	Bulk
00-00-60	10762	0.00	0.00	59.80		100	Mat	Bulk
00-00-60	10787	0.00	0.00	60.58		101	Mat	Bulk
00-00-60	10834	0.00	0.00	60.20		100	Mat	Bulk
00-00-60	10838	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	10839	0.00	0.00	61.69		103	Mat	Bulk
00-00-60	10840	0.00	0.00	60.80		101	Mat	Bulk
00-00-60	10841	0.00	0.00	59.61		99	Mat	Bulk
00-00-60	10889	0.00	0.00	58.71		98	Mat	Bulk
00-00-60	10911	0.00	0.00	61.17		102	Mat	Bulk
00-00-60	10912	0.00	0.00	61.10		102	Mat	Bulk
00-00-60	10918	0.00	0.00	60.79		101	Mat	Bulk
00-00-60	10927	0.00	0.00	60.13		100	Mat	Bulk
00-00-60	10929	0.00	0.00	61.44		102	Mat	Bulk
00-00-60	10930	0.00	0.00	59.54		99	Mat	Bulk
00-00-60	10968	0.00	0.00	61.56		103	Mat	Bulk
00-00-60	10969	0.00	0.00	59.49		99	Mat	Bulk
00-00-60	11022	0.00	0.00	60.30		100	Mat	Bulk
00-00-60	11026	0.00	0.00	60.12		100	Mat	Bulk
00-00-60	11037	0.00	0.00	60.51		101	Mat	Bulk
00-00-60	11038	0.00	0.00	59.23		99	Mat	Bulk
00-00-60	11039	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	11081	0.00	0.00	60.78		101	Mat	Bulk
00-00-60	11093	0.00	0.00	60.33		101	Mat	Bulk
00-00-60	11094	0.00	0.00	61.13		102	Mat	Bulk
00-00-60	11097	0.00	0.00	60.13		100	Mat	Bulk
00-00-60	11098	0.00	0.00	60.70		101	Mat	Bulk
00-00-60	11121	0.00	0.00	61.04		102	Mat	Bulk
00-00-60	11122	0.00	0.00	59.41		99	Mat	Bulk
00-00-60	11123	0.00	0.00	60.88		101	Mat	Bulk
00-00-60	11231	0.00	0.00	59.41		99	Mat	Bulk
00-00-60	11272	0.00	0.00	59.46		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
00-00-60	11279	0.00	0.00	61.63		103	Mat	Bulk
00-00-60	11283	0.00	0.00	60.39		101	Mat	Bulk
00-00-60	11351	0.00	0.00	60.34		101	Mat	Bulk
00-00-60	11352	0.00	0.00	61.68		103	Mat	Bulk
00-00-60	11353	0.00	0.00	60.06		100	Mat	Bulk
00-00-60	11354	0.00	0.00	59.12		99	Mat	Bulk
00-00-60	11356	0.00	0.00	61.86		103	Mat	Bulk
00-00-60	11358	0.00	0.00	59.51		99	Mat	Bulk
00-00-60	11362	0.00	0.00	59.21		99	Mat	Bulk
00-00-60	11363	0.00	0.00	60.59		101	Mat	Bulk
00-00-60	11541	0.00	0.00	60.12		100	Mat	Bulk
00-00-60	11594	0.00	0.00	59.18		99	Mat	Bulk
00-00-60	11913	0.00	0.00	60.03		100	Mat	Bulk
00-00-60	12033	0.00	0.00	61.01		102	Mat	Bulk
00-00-60	12400	0.00	0.00	60.74		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 87								
Average Analysis :		0.00	0.00	60.32		100.5		
CV, %		0	0	1.32				
10-10-10	11031	9.97	10.70	9.71		102	Blend	Bag
10-10-10	11215	9.96	10.86	10.76		105	Blend	Bag
10-10-10	11970	9.38	9.88	10.97		100	Blend	Bag
10-10-10	12050	9.82	9.82	10.74		101	Blend	Bag
10-50-00	10045	10.52	50.93	0.00		103	Mat	Bulk
10-50-00	10046	10.60	51.24	0.00		103	Mat	Bulk
10-50-00	10047	10.36	50.82	0.00		102	Mat	Bulk
10-50-00	10147	10.29	50.28	0.00		101	Mat	Bulk
10-50-00	10207	10.45	50.06	0.00		101	Mat	Bulk
10-50-00	10570	10.49	50.53	0.00		102	Mat	Bulk
Statistical Analysis for Grade : 10-50-00								
Number of Samples This Grade : 6								
Average Analysis :		10.45	50.64	0.00		102.0		
CV, %		1.07	0.86	0				
12-40-00	11036+	11.71	40.08	0.00		100	Mat	Bulk
18-24-12	11915+	17.39	22.19 *	11.25		94 *	Blend	Bag
18-46-00	10149	17.79	45.34	0.00		99	Mat	Bulk
18-46-00	10209	17.62	45.49	0.00		99	Mat	Bulk
18-46-00	10210	17.52	45.72	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RICH) COOP INC FERT DIV		RICHMOND VA	23260					
18-46-00	10411	17.78	45.47	0.00		99	Mat	Bulk
18-46-00	10439	18.30	46.11	0.00		101	Mat	Bulk
18-46-00	10440	17.74	46.25	0.00		100	Mat	Bulk
18-46-00	10451	17.45	45.20	0.00		98	Mat	Bulk
18-46-00	10452	17.58	45.53	0.00		99	Mat	Bulk
18-46-00	10453	17.48	45.12	0.00		98	Mat	Bulk
18-46-00	10463	18.16	45.99	0.00		100	Mat	Bulk
18-46-00	10464	17.84	46.40	0.00		100	Mat	Bulk
18-46-00	10465	17.99	45.94	0.00		100	Mat	Bulk
18-46-00	10469	17.85	45.60	0.00		99	Mat	Bulk
18-46-00	10512	17.55	46.04	0.00		99	Mat	Bulk
18-46-00	10524	17.58	45.19	0.00		98	Mat	Bulk
18-46-00	10527	17.86	46.18	0.00		100	Mat	Bulk
18-46-00	10546	17.70	45.52	0.00		99	Mat	Bulk
18-46-00	10549	17.58	46.60	0.00		100	Mat	Bulk
18-46-00	10571	18.13	46.98	0.00		102	Mat	Bulk
18-46-00	10575	17.88	46.43	0.00		100	Mat	Bulk
18-46-00	10583	17.94	46.40	0.00		101	Mat	Bulk
18-46-00	10604	17.70	46.07	0.00		100	Mat	Bulk
18-46-00	10625	17.66	46.49	0.00		100	Mat	Bulk
18-46-00	10646	17.68	44.54	0.00		97	Mat	Bulk
18-46-00	10648	17.65	45.01	0.00		98	Mat	Bulk
18-46-00	10670	17.86	45.27	0.00		99	Mat	Bulk
18-46-00	10705	18.12	45.39	0.00		99	Mat	Bulk
18-46-00	10706	17.63	45.36	0.00		98	Mat	Bulk
18-46-00	10709	17.84	45.16	0.00		98	Mat	Bulk
18-46-00	10719	17.71	45.52	0.00		99	Mat	Bulk
18-46-00	10720	17.47	46.04	0.00		99	Mat	Bulk
18-46-00	10721	17.77	44.45	0.00		97	Mat	Bulk
18-46-00	10727	17.52	44.87	0.00		97	Mat	Bulk
18-46-00	10760	17.87	46.28	0.00		100	Mat	Bulk
18-46-00	10763	17.85	46.02	0.00		100	Mat	Bulk
18-46-00	10764	17.66	45.58	0.00		99	Mat	Bulk
18-46-00	10788	18.12	46.16	0.00		100	Mat	Bulk
18-46-00	10833	17.50	45.67	0.00		99	Mat	Bulk
18-46-00	10842	17.32	45.17	0.00		98	Mat	Bulk
18-46-00	10843	17.47	46.22	0.00		100	Mat	Bulk
18-46-00	10844	17.60	46.08	0.00		100	Mat	Bulk
18-46-00	10890	17.37	46.06	0.00		99	Mat	Bulk
18-46-00	10917	17.67	45.98	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RICH) COOP INC FERT DIV RICHMOND VA 23260								
18-46-00	10923	18.12	45.72	0.00		100	Mat	Bulk
18-46-00	10924	17.97	45.82	0.00		100	Mat	Bulk
18-46-00	10925	17.38	45.81	0.00		99	Mat	Bulk
18-46-00	10926	17.95	46.04	0.00		100	Mat	Bulk
18-46-00	10928	17.77	45.36	0.00		99	Mat	Bulk
18-46-00	10962	17.83	45.88	0.00		100	Mat	Bulk
18-46-00	10963	17.43	45.65	0.00		99	Mat	Bulk
18-46-00	11025	18.04	45.95	0.00		100	Mat	Bulk
18-46-00	11029	17.46	45.37	0.00		98	Mat	Bulk
18-46-00	11041	17.64	45.48	0.00		99	Mat	Bulk
18-46-00	11082	18.19	47.49	0.00		103	Mat	Bulk
18-46-00	11095	17.86	46.03	0.00		100	Mat	Bulk
18-46-00	11096	17.75	45.97	0.00		99	Mat	Bulk
18-46-00	11116	17.68	44.87	0.00		98	Mat	Bulk
18-46-00	11117	17.65	45.86	0.00		99	Mat	Bulk
18-46-00	11118	17.94	46.48	0.00		101	Mat	Bulk
18-46-00	11120	17.84	44.52	0.00		98	Mat	Bulk
18-46-00	11232	17.95	46.21	0.00		100	Mat	Bulk
18-46-00	11233	17.82	46.70	0.00		101	Mat	Bulk
18-46-00	11234	17.99	46.72	0.00		101	Mat	Bulk
18-46-00	11235	17.87	46.76	0.00		101	Mat	Bulk
18-46-00	11236	17.96	46.76	0.00		101	Mat	Bulk
18-46-00	11273	18.52	45.64	0.00		100	Mat	Bulk
18-46-00	11278	18.02	45.66	0.00		99	Mat	Bulk
18-46-00	11282	17.44	45.11	0.00		98	Mat	Bulk
18-46-00	11348	17.52	45.37	0.00		98	Mat	Bulk
18-46-00	11349	17.50	45.50	0.00		98	Mat	Bulk
18-46-00	11350	17.70	45.37	0.00		99	Mat	Bulk
18-46-00	11359	17.68	46.11	0.00		100	Mat	Bulk
18-46-00	11360	17.86	46.27	0.00		100	Mat	Bulk
18-46-00	11543	17.99	46.33	0.00		101	Mat	Bulk
18-46-00	11914	17.37	45.26	0.00		98	Mat	Bulk
18-46-00	12031	17.52	45.35	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 76								
Average Analysis :		17.76	45.79	0.00		99.3		
CV, %		1.36	1.28	0				
21-00-00	10664+	21.41	0.00	0.00		102	Mat	Bulk
21-00-00	11119+	21.00	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								
21-00-00	12070+	21.44	0.00	0.00		102	Mat	Bulk
28-00-00	11241	27.95	0.00	0.00		100	Mat	Liq
30-00-00	11357	29.60	0.00	0.00		99	Mat	Liq
32-00-00	11855	31.54	0.00	0.00		99	Mat	Liq
32-00-00	12613	31.54	0.00	0.00		99	Mat	Liq
34-00-00	10470	33.73	0.00	0.00		101	Mat	Bulk
34-00-00	10514	33.21	0.00	0.00		99	Mat	Bulk
34-00-00	10722	33.00	0.00	0.00		99	Mat	Bulk
34-00-00	10790	33.91	0.00	0.00		101	Mat	Bulk
34-00-00	10883+	33.68	0.00	0.00		99	Blend	Bag
34-00-00	10888	33.96	0.00	0.00		101	Mat	Bulk
34-00-00	11024	33.63	0.00	0.00		100	Mat	Bulk
34-00-00	11368	33.44	0.00	0.00		98	Blend	Bag
34-00-00	11423+	33.18	0.00	0.00		98	Blend	Bag
34-00-00	11455+	34.93	0.00	0.00		103	Blend	Bag
34-00-00	11534+	34.15	0.00	0.00		100	Blend	Bag
34-00-00	11535+	33.62	0.00	0.00		99	Blend	Bag
34-00-00	11544	33.78	0.00	0.00		101	Mat	Bulk
34-00-00	11806+	32.34 *	0.00	0.00		95 *	Blend	Bag
34-00-00	11911	33.27	0.00	0.00		99	Mat	Bulk
34-00-00	12002+	34.81	0.00	0.00		102	Blend	Bag
34-00-00	12013+	33.41	0.00	0.00		98	Blend	Bag
34-00-00	12159	34.05	0.00	0.00		102	Mat	Bulk
34-00-00	12439+	33.60	0.00	0.00		99	Blend	Bag
34-00-00	12577	34.04	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 20								
Average Analysis :		33.69	0.00	0.00		99.7		
CV, %		1.74	0	0				
46-00-00	10406	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10410	46.10	0.00	0.00		100	Mat	Bulk
46-00-00	10443	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10468	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10511	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10540	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10541	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	10545	45.71	0.00	0.00		99	Mat	Bulk
46-00-00	10548	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10569	46.10	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	10573	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	10582	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	10603	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	10626	45.91	0.00	0.00		100	Mat	Bulk
46-00-00	10668	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	10669	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	10704	45.89	0.00	0.00		100	Mat	Bulk
46-00-00	10710	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	10711	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	10714	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	10715	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	10716	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	10724	45.73	0.00	0.00		99	Mat	Bulk
46-00-00	10726	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	10789	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	10829	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	10830	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10831	46.20	0.00	0.00		100	Mnfr	Bulk
46-00-00	10832	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	10845	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10916	45.81	0.00	0.00		100	Mat	Bulk
46-00-00	10964	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	10965	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10966	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	10967	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	11023	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	11027	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	11028	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	11040	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	11083	46.03	0.00	0.00		100	Mat	Bulk
46-00-00	11099	45.75	0.00	0.00		99	Mat	Bulk
46-00-00	11237	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	11238	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	11239	46.04	0.00	0.00		100	Mat	Bulk
46-00-00	11271	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	11277	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	11281	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	11355	46.18	0.00	0.00		100	Mat	Bulk
46-00-00	11361	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	11542	46.20	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	11595	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	11912	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	12030	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	12034	45.96	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 54								
Average Analysis :		46.09	0.00	0.00		100.2		
CV, %		0.29	0	0				

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.50	99.76	100.81				
ALL SAMPLES,CV %		1.74	1.95	2.13				
NUMBER OF ANALYSIS		169	88	105				
Deficiency Rate = 1.12 %								

SS (RUSS) COOP, INC.		RUSSELLVILLE KY 42276						
02-12-45	10360+	2.60	12.42	45.89		102	CM	Bulk
05-10-15	10403	4.55 *	9.96	15.35		100	Blend	Bag
06-24-24	10341	6.19	24.13	24.62		102	Blend	Bag
06-24-24	10386	5.86	24.26	24.26		101	Blend	Bag
06-24-24	10401	6.06	24.06	25.65		103	Blend	Bag
06-28-27	10357+	5.78	26.86	27.98		102	CM	Bulk
06-28-27	10358+	5.75	28.15	27.65		103	CM	Bulk
06-28-27	10359+	5.93	27.66	27.57		102	CM	Bulk
06-30-24	10356+	6.52	30.89	24.88		104	CM	Bulk
10-10-10	10095	9.13	9.28	9.65		94 *	Blend	Bag
10-10-10	10387	11.90	11.92	11.56		118	Blend	Bag
10-10-10	10402	9.59	10.08	10.80		101	Blend	Bag
10-10-10	10590	10.90	10.85	10.05		106	Blend	Bag
10-10-10	10729	9.99	9.90	10.53		101	Blend	Bag
10-10-10	10847	9.21	10.41	10.87		101	Blend	Bag
10-10-10	11084	9.56	9.24	10.87		98	Blend	Bag
10-10-10	11833	9.90	10.23	10.73		103	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 8								
Average Analysis :		10.02	10.24	10.63		102.8		
CV, %		9.37	8.5	5.41				
10-20-20	10728	10.07	20.11	19.34		99	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RUSS) COOP, INC.		RUSSELLVILLE KY 42276						
15-15-15	10730	15.05	15.61	16.17		104	Blend	Bag
19-19-19	10340	18.49	20.37	19.79		102	Blend	Bag
19-19-19	10385	18.42	19.59	19.28		100	Blend	Bag
19-19-19	10404	18.65	19.78	20.14		103	Blend	Bag
19-19-19	10846	19.21	19.80	20.49		104	Blend	Bag
19-19-19	10864	19.32	19.74	18.74		102	Blend	Bag
19-19-19	11085	18.94	18.35	19.80		100	Blend	Bag
19-19-19	11832	18.16	19.32	19.91		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		18.74	19.56	19.74		101.6		
CV, %		2.29	3.18	2.9				

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.53	101.79	104.36				
ALL SAMPLES,CV %		6.06	5.04	3.93				
NUMBER OF ANALYSIS		26	26	26				
Deficiency Rate = 7.69 %								

SS (RUSS) RUSSELLVILLE COOP		RUSSELLVILLE KY 42276						
09-23-30	11186	8.90	22.95	31.23		102	CM	Bulk
19-19-19	11185	18.51	19.09	20.68		100	CM	Bulk
20-07-24	11184+	20.16	7.53	25.31		101	CM	Bulk
20-08-23	11182+	19.94	8.37	24.26		99	CM	Bulk
20-08-23	11183+	19.96	9.26	23.58		100	CM	Bulk
28-23-00	12076+	27.66	23.71	0.00		99	CM	Bulk

SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE KY 40065						
04-11-23	11602	4.51	10.30	23.97		100	CM	Bulk
13-13-08	12217+	13.25	13.02	11.04		108	CM	Bulk
27-08-16	12212	27.79	7.93	17.95		100	CM	Bulk
27-08-16	12215	27.43	7.98	18.38		101	CM	Bulk
27-08-16	12219	28.20	8.10	16.78		100	CM	Bulk
27-08-16	12220	27.72	8.63	17.80		101	CM	Bulk
28-09-16	12216	29.00	8.43	15.78		100	CM	Bulk
32-00-17	12213	33.03	0.00	17.55		101	CM	Bulk
32-00-17	12214	32.58	0.00	18.44		102	CM	Bulk
38-11-00	12218+	37.97	11.46	0.00		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (SHEL) SHELBYVILLE COOP SHELBYVILLE KY 40065								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.19	96.77	107.88				
ALL SAMPLES,CV %		2.07	4.27	11.11				
NUMBER OF ANALYSIS		10	8	9				
Deficiency Rate = 0.00 %								

SS (SOME) SOMERSET COOP SOMERSET KY 42503								
06-16-39	11313	6.26	16.48	39.28		101	CM	Bulk
09-23-23	11311+	9.09	24.08	23.68		101	CM	Bulk
10-26-26	11314	10.20	26.31	26.60		101	CM	Bulk
17-17-17	11306	17.79	17.57	17.99		100	CM	Bulk
19-19-19	11309	19.05	19.22	19.37		99	CM	Bulk
19-19-19	11312	18.62	19.45	19.60		100	CM	Bulk
23-11-11	11310	23.06	11.86	11.96		101	CM	Bulk
25-00-26	11315	23.20 *	0.00	30.11		101	CM	Bulk
27-11-15	11307	27.24	11.63	14.95		100	CM	Bulk
33-20-00	11308	32.86	21.40	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.26	101.72	102.45				
ALL SAMPLES,CV %		2.71	2	3.78				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate = 10.00 %								

SS (SPRI) LEBANON-SPRINGFIELD BR SPRINGFIELD KY 40069								
15-26-17	12369	15.72	27.55	17.02		100	CM	Bulk
16-00-30	11917	16.84	0.00	30.15		101	CM	Bulk
16-15-26	12370	15.90	15.69	26.34		99	CM	Bulk
19-14-19	12368+	18.88	14.59	19.75		101	CM	Bulk
19-16-21	12367	19.35	16.52	20.95		99	CM	Bulk
21-11-12	12366+	21.49	11.03	13.48		102	CM	Bulk
29-14-09	12363	29.11	15.71	8.94		100	CM	Bulk
29-14-09	12364	29.14	15.48	9.34		100	CM	Bulk
29-14-09	12365	29.16	15.44	9.35		100	CM	Bulk
31-09-12	11916	30.40	9.17	13.03		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (SPRI) LEBANON-SPRINGFIELD BR SPRINGFIELD KY 40069								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.87	101.31	100.29				
ALL SAMPLES,CV %		1.09	3.13	5.28				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
SS (STAN) STANFORD SVC STANFORD KY 40484								
12-24-24	11827	12.33	24.37	24.37		100	CM	Bulk
19-09-19	11828	19.83	9.56	20.89		103	CM	Bulk
19-19-19	11826	18.67	20.44	21.29		104	CM	Bulk
21-11-22	10791	22.13	12.02	23.53		103	CM	Bulk
22-12-12	11831	22.62	12.55	13.07		103	CM	Bulk
23-09-21	11829	23.59	10.11	22.32		102	CM	Bulk
23-09-21	11830	23.64	9.42	22.42		101	CM	Bulk
25-00-26	11825	24.70	0.00	27.10		99	CM	Bulk
SS (WARS) GALLATIN SVC WARSAW KY 41095								
06-16-38	12250	6.36	16.98	37.79		100	CM	Bulk
09-06-42	12253	9.54	6.15	42.50		99	CM	Bulk
15-09-32	12221	15.87	9.28	33.15		102	CM	Bulk
17-00-22	12238	17.21	0.00	22.20		99	CM	Bulk
19-07-09	12251	19.28	6.93	10.10		101	CM	Bulk
30-00-20	11786	30.21	0.00	20.73		100	CM	Bulk
32-07-11	12223	31.76	8.01	12.68		101	CM	Bulk
34-00-15	12222	32.77 *	0.00	18.25		102	CM	Bulk
34-00-15	12224	32.87	0.00	17.87		101	CM	Bulk
34-00-15	12239	33.50	0.00	16.43		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.77	99.21	105.72				
ALL SAMPLES,CV %		2.59	4.13	6.23				
NUMBER OF ANALYSIS		10	5	10				
Deficiency Rate = 10.00 %								
SS (WINC) CLARK COOP WINCHESTER KY 40391								
07-18-36	12653	7.24	17.75	36.94		100	CM	Bulk
07-18-36	12654	6.84	18.42	36.10		100	CM	Bulk
07-18-36	12655	6.73	17.73	37.07		100	CM	Bulk
23-00-23	12652+	24.10	0.00	23.91		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (WINC) CLARK COOP WINCHESTER KY 40391								

SS (WINC) COOP, INC. WINCHESTER KY 40391								
00-10-30	11625+	0.00	9.91	30.81		102	Blend	Bag
05-10-10	11452	5.66	9.40	10.21		101	Blend	Bag
05-10-15	11538	5.51	11.05	16.06		109	Blend	Bag
05-10-15	11804	4.81	9.55	15.67		101	Blend	Bag
05-10-15	12436	5.43	10.12	15.28		103	Blend	Bag
05-20-20	10814	5.25	21.03	21.21		105	Blend	Bag
05-20-20	11032	4.93	20.46	20.41		102	Blend	Bag
05-20-20	11536	5.39	21.03	20.80		105	Blend	Bag
05-20-20	11547	8.16	20.12	20.87		110	Blend	Bag
06-12-12	11453	5.97	11.73	11.31		97 *	Blend	Bag
06-24-24	10811	6.10	24.60	24.09		102	Blend	Bag
09-18-27	11540	8.83	17.33	27.70		100	Blend	Bag
10-10-10	10163	8.36 *	9.78	7.74 *		85 *	Blend	Bag
10-10-10	10812	9.63	10.31	10.48		101	Blend	Bag
10-10-10	10813	9.38	10.33	10.55		101	Blend	Bag
10-10-10	10827	10.02	9.63	10.33		100	Blend	Bag
10-10-10	10941	9.34	10.30	10.41		100	Blend	Bag
10-10-10	11033	9.51	10.17	10.63		101	Blend	Bag
10-10-10	11064	8.94 *	9.88	9.89		95 *	Blend	Bag
10-10-10	11367	10.14	11.37	11.19		109	Blend	Bag
10-10-10	11451	9.14	10.15	10.58		99	Blend	Bag
10-10-10	11531	9.92	10.23	9.96		100	Blend	Bag
10-10-10	11537	9.74	10.32	10.82		103	Blend	Bag
10-10-10	11545	10.19	10.33	9.65		101	Blend	Bag
10-10-10	11591	10.38	11.48	11.52		111	Blend	Bag
10-10-10	11615	10.82	10.18	10.07		104	Blend	Bag
10-10-10	11627	9.19	9.44	10.32		96 *	Blend	Bag
10-10-10	11749	9.74	9.98	10.26		100	Blend	Bag
10-10-10	11805	9.44	9.29	10.73		98	Blend	Bag
10-10-10	11969	9.18	9.94	10.64		99	Blend	Bag
10-10-10	11991	9.17	10.98	12.27		107	Blend	Bag
10-10-10	12040	8.98 *	9.60	9.52		94 *	Blend	Bag
10-10-10	12437	9.21	9.35	9.50		93 *	Blend	Bag
10-10-10	12440	10.27	10.75	10.42		105	Blend	Bag
10-10-10	12501	9.41	9.31	11.46		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (WINC) COOP, INC. WINCHESTER KY 40391								
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 23								
Average Analysis :		9.57	10.13	10.39		100.0		
CV, %		5.86	5.91	8.41				
10-20-20	11365	9.50	19.46	20.26		98	Blend	Bag
14-00-14	12041	12.84	0.00	14.85		98	Blend	Bag
15-15-15	11616	14.36	14.84	15.72		99	Blend	Bag
15-15-15	12252	15.42	15.61	14.83		102	Blend	Bag
19-19-19	10815	19.30	19.30	19.81		102	Blend	Bag
19-19-19	10826	19.19	19.14	20.99		104	Blend	Bag
19-19-19	10828	19.75	19.03	19.80		103	Blend	Bag
19-19-19	10942	19.72	18.44	19.61		101	Blend	Bag
19-19-19	11034	18.20	18.77	20.28		100	Blend	Bag
19-19-19	11065	19.58	19.08	19.26		102	Blend	Bag
19-19-19	11366	17.71	19.63	19.11		99	Blend	Bag
19-19-19	11454	18.21	19.76	20.69		103	Blend	Bag
19-19-19	11539	19.11	19.54	19.62		102	Blend	Bag
19-19-19	11546	18.98	19.32	20.61		103	Blend	Bag
19-19-19	11586	19.49	19.25	19.91		103	Blend	Bag
19-19-19	11590	20.31	21.17	17.91		105	Blend	Bag
19-19-19	11617	18.76	19.88	19.20		102	Blend	Bag
19-19-19	11626	18.44	19.07	20.18		101	Blend	Bag
19-19-19	11748	18.83	20.11	19.44		102	Blend	Bag
19-19-19	11803	18.25	20.24	20.08		103	Blend	Bag
19-19-19	12071	19.07	19.45	19.38		102	Blend	Bag
19-19-19	12502	19.46	19.08	19.43		102	Blend	Bag
19-19-19	12505	18.61	19.02	20.46		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 19								
Average Analysis :		19.00	19.44	19.78		102.0		
CV, %		3.46	3.15	3.57				
20-10-10	11030	18.75	9.56	10.97		98	Blend	Bag
20-10-10	12012	18.42 *	9.67	11.38		98	Blend	Bag
27-00-23	11327	27.21	0.00	25.12		101	CM	Bulk
29-00-21	11328	29.11	0.00	21.20		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (WINC) COOP, INC. WINCHESTER KY 40391								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.54	101.31	103.79				
ALL SAMPLES,CV %		10.06	4.72	5.89				
NUMBER OF ANALYSIS		61	59	62				
Deficiency Rate = 11.29 %								

SS SEBREE BRANCH SEBREE KY 42455								
09-23-30	12481	8.97	21.79	30.48		98	CM	Bulk
10-26-25	12530	10.28	25.66	25.96		99	CM	Bulk
10-26-25	12531	10.23	25.96	25.69		99	CM	Bulk
10-26-25	12532	9.95	25.23	26.28		98	CM	Bulk
21-17-17	12533	20.82	17.34	18.75		99	CM	Bulk

STANLEY AG SERVICE LLC OWENSBORO KY 42301								
00-00-50	11176	0.00	0.00	51.45		103	Mat	Bulk
00-00-60	11128	0.00	0.00	61.36		102	Mat	Bulk
00-00-60	11131	0.00	0.00	60.07		100	Mat	Bulk
00-00-60	11174	0.00	0.00	59.37		99	Mat	Bulk
04-12-16	11719	5.03	13.28	16.33		103	CM	Bulk
04-12-16	11720	4.77	12.84	16.64		101	CM	Bulk
04-12-16	11721	4.79	12.95	15.86		100	CM	Bulk
04-12-16	11722	4.84	12.51	16.21		99	CM	Bulk
04-12-16	11723	4.79	13.01	16.16		101	CM	Bulk
04-12-16	11724	4.62	12.65	16.22		99	CM	Bulk
Statistical Analysis for Grade : 04-12-16								
Number of Samples This Grade : 6								
Average Analysis :		4.81	12.87	16.24		100.4		
CV, %		2.76	2.12	1.56				
09-23-30	11717	8.66	23.13	30.22		100	CM	Bulk
09-23-30	11725	8.70	23.31	30.33		100	CM	Bulk
09-23-30	11726	8.55	23.35	29.74		99	CM	Bulk
18-46-00	11130	18.06	46.25	0.00		100	Mat	Bulk
18-46-00	11175	17.97	45.67	0.00		99	Mat	Bulk
19-27-12	11715	19.31	27.47	12.79		100	CM	Bulk
19-27-12	11716	19.66	27.79	12.03		100	CM	Bulk
21-00-00	11129+	20.67	0.00	0.00		98	Mat	Bulk
28-00-00	11718	27.66	0.00	0.00		99	Mat	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

STANLEY AG SERVICE LLC OWENSBORO KY 42301								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.93	101.62	100.07				
ALL SAMPLES,CV %		2.14	1.77	1.92				
NUMBER OF ANALYSIS		15	13	15				
Deficiency Rate = 0.00 %								

STOLLER ENTERPRISES, INC HOUSTON TX 77043								
02-00-03	11881	2.75	0.00	3.59		128	Mnfr	Liq

SUN BULB COMPANY, INC. ARCADIA FL 34265								
20-14-13	11221+	20.29	14.69	13.22		103	Blend	Bag
20-14-13	11521+	19.54	14.71	14.02		102	Mnfr	Bag

SUPERIOR AG RESOURCES (ADMIN) HUNTINGBURG IN 47542								
32-00-00	12614	32.22	0.00	0.00		101	Mat	Liq

SWISS FARMS PRODUCTS, INC. LAS VEGAS NV 89109								
09-09-06	11505	9.33	9.26	6.57		105	Blend	Bag
12-05-07	11219+	11.95	5.18	8.01		104	Blend	Bag
12-05-07	11551+	12.11	6.18	6.18 *		103	Blend	Bag
12-05-07	11856+	12.67	5.08	8.11		107	Blend	Bag
12-06-10	11503+	10.36 *	6.19	12.83		103	Blend	Bag
12-10-05	11504+	12.93	9.93	4.55 *		102	Blend	Bag
15-30-15	11216+	14.99	30.24	17.81		104	Blend	Bag
15-30-15	11336	14.86	29.58	15.24		99	Blend	Bag
15-30-15	11857+	15.81	30.63	15.28		103	Blend	Bag
15-30-15	11978+	15.87	30.31	15.43		103	Mnfr	Bag
24-08-16	11329+	24.22	9.57	16.27		104	Blend	Bag
29-00-04	11331	27.13 *	0.00	4.51		95 *	Blend	Bag
30-00-04	11962	30.59	0.00	4.22		102	Blend	Bag

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.81	105.12	107.08				
ALL SAMPLES,CV %		5.68	7.94	10.36				
NUMBER OF ANALYSIS		13	11	13				
Deficiency Rate = 30.77 %								

T AND N, INC FORISTELL MO 63348								
10-06-04	10863	6.58 *	3.91 *	3.83		71 *	Blend	Bag
12-12-12	10166	12.23	11.31	12.73		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

T AND N, INC	FORISTELL MO	63348						
12-12-12	10860	10.98	11.12	11.27		93 *	Blend	Bag
22-03-03	10862	20.84	3.39	3.80		100	Blend	Bag
32-03-10	10861	30.66 *	2.92	12.34		101	Blend	Bag

TAYLOR, G.M. SEED CO.	GEORGETOWN KY	40324						
00-00-50	12182	0.00	0.00	51.38		103	Mat	Bulk
00-00-60	12183	0.00	0.00	61.60		103	Mat	Bulk
21-00-04	12185	21.84	0.00	4.68		103	CM	Bulk
31-00-00	12184+	32.01	0.00	0.00		102	CM	Bulk

TENNESSEE FARMERS COOP	LAVERGNE TN	37086						
00-00-60	10875	0.00	0.00	59.91		100	Mat	Bulk
10-10-10	10874	8.47 *	11.90	9.44		100	Blend	Bag
10-10-10	12046	9.90	9.69	9.56		97	Blend	Bag
12-24-24	10872	11.82	25.31	23.89		102	Blend	Bag
15-15-15	10873	14.60	16.75	14.20		102	Blend	Bag
18-46-00	10876	18.08	46.40	0.00		101	Mat	Bulk
21-08-12	11949+	20.94	9.64	14.41		109	Blend	Bag
46-00-00	10877	46.18	0.00	0.00		100	Mat	Bulk

TETRA MICRONUTRIENTS	THE WOODLANDS TX	77386						
00-00-00	11611+	0.00	0.00	0.00			Mat	Bag
00-00-00	11681+	0.00	0.00	0.00			Mat	Bag
00-00-00	12038+	0.00	0.00	0.00			Mat	Bag

TETRAFLORA PLANT PRODUCTS LTD	PORT COQUITLAM BC	V3C 6P3						
01-03-06	12566+	1.21	3.25	6.68		111	Mnfr	Liq

THE ANDERSONS LAWN FERT DIV	MAUMEE OH	43537						
12-24-08	12633+	12.55	22.87	9.10		101	Mnfr	Bag
14-14-14	12637+	13.85	14.05	15.11		102	Blend	Bag
20-00-20	11417+	20.71	0.00	19.70		101	Mnfr	Bag
21-03-16	12634+	21.57	3.53	16.62		104	Blend	Bag
30-00-04	11422	29.34	0.00	4.46		99	Blend	Bag

THE SCOTTS CO.	MARYSVILLE OH	43041						
10-10-10	11519	10.69	11.03	11.87		112	Blend	Bag
11-02-02	10474+	11.14	2.04	2.08		102	Mnfr	Bag
11-07-07	12425	12.29	8.68	9.11		120	Blend	Bag
12-04-08	11518	13.15	5.40	9.80		118	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

THE SCOTTS CO. MARYSVILLE OH 43041								
12-04-08	11977	13.53	5.16	10.36		120	Mnfr	Bag
20-00-08	11780	20.84	0.00	9.04		106	Blend	Bag
20-27-05	11549	20.23	26.83	6.63		103	Blend	Bag
22-02-02	12428+	22.58	2.47	2.27		105	Blend	Bag
22-02-14	10098+	23.06	1.91	14.66		104	Mnfr	Bag
24-24-04	11517	24.30	26.57	4.56		106	Blend	Bag
24-24-04	12427	24.34	25.64	4.61		105	Blend	Bag
28-00-03	11928	28.35	0.00	3.17		102	Blend	Bag
28-01-04	11432+	28.53	1.28	4.74		104	Blend	Bag
29-00-04	11550	28.42	0.00	5.10		101	Blend	Bag
32-00-04	11976+	32.16	0.00	4.41		101	Blend	Bag
32-00-10	10898+	32.08	0.00	10.46		101	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.72	114.88	116.51				
ALL SAMPLES,CV %		4.18	11.7	8.29				
NUMBER OF ANALYSIS		16	11	16				
Deficiency Rate = 0.00 %								

THOMAS CAYCE FARM SUPPLY, LLC PRINCETON KY 42445								
00-00-50	10419	0.00	0.00	50.93		102	Mat	Bulk
00-00-60	10420	0.00	0.00	58.84		98	Mat	Bulk
06-31-24	10062	6.36	30.81	25.45		102	CM	Bulk
06-31-24	10063	6.33	30.87	25.16		101	CM	Bulk
06-31-24	10064	6.24	30.76	25.26		101	CM	Bulk
08-21-21	10065	9.39	23.52	21.98		104	CM	Bulk
09-23-30	10354	8.82	23.17	31.59		103	CM	Bulk
12-30-20	10056	11.94	31.52	20.12		101	CM	Bulk
12-30-20	10057	12.19	31.73	19.51		101	CM	Bulk
12-30-20	10058	11.76	31.14	20.34		101	CM	Bulk
12-30-20	10059	11.64	30.43	21.06		101	CM	Bulk
12-30-20	10060	11.74	30.73	20.96		101	CM	Bulk
12-30-20	10061	11.65	30.65	21.07		101	CM	Bulk
Statistical Analysis for Grade : 12-30-20								
Number of Samples This Grade : 6								
Average Analysis :		11.82	31.03	20.51		101.1		
CV, %		1.79	1.67	3.08				
18-46-00	10421	17.80	45.85	0.00		99	Mat	Bulk
24-10-10	10996	24.58	10.78	11.17		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

THOMAS CAYCE FARM SUPPLY, LLC PRINCETON KY 42445								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.95	100.76	102.88				
ALL SAMPLES,CV %		3.71	2.4	2.74				
NUMBER OF ANALYSIS		13	13	14				
Deficiency Rate = 0.00 %								

TIGER-SUL PRODUCTS, LLC ATMORE AL 36504								
00-00-00	10240+	0.00	0.00	0.00			Mat	Bag
00-00-00	10372+	0.00	0.00	0.00			Mat	Bulk
00-00-00	10663+	0.00	0.00	0.00			Mat	Bag
00-00-00	10958+	0.00	0.00	0.00			Mnfr	Bag
00-00-00	11124+	0.00	0.00	0.00			Mat	Bulk
00-00-00	11609+	0.00	0.00	0.00			Mat	Bag
00-00-00	11610+	0.00	0.00	0.00			Mat	Bag
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade : 7								
Average Analysis :		0.00	0.00	0.00		0.0		
CV, %		0	0	0				

TRANSAMMONIA INC TAMPA FL 33607								
28-00-00	12073	28.12	0.00	0.00		100	Mnfr	Liq

TRI COUNTY FERT. RICHMOND KY 40475-2014								
00-00-50	12620	0.00	0.00	51.40		103	Mat	Bulk
00-00-60	10602	0.00	0.00	60.41		101	Mat	Bulk
16-00-33	12618	15.76	0.00	35.15		103	CM	Bulk
18-46-00	10601	17.61	45.10	0.00		98	Mat	Bulk
20-06-17	12619	18.71	6.55	18.75		100	CM	Bulk
46-00-00	10600	46.20	0.00	0.00		100	Mat	Bulk

TRIMBLE CO FARM MILTON KY 40045								
00-00-50	11048	0.00	0.00	50.94		102	Mat	Bulk
00-00-60	11044	0.00	0.00	59.07		98	Mat	Bulk
05-13-17	12247	5.35	12.60	17.27		96 *	CM	Bulk
09-23-30	12242	9.36	22.19	31.23		101	CM	Bulk
09-23-30	12244	9.41	22.24	30.21		100	CM	Bulk
18-46-00	11046	18.32	46.31	0.00		101	Mat	Bulk
18-46-00	11047	18.23	46.18	0.00		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

TRIMBLE CO FARM MILTON KY 40045								
18-46-00	12249	18.50	45.78	0.00		100	Mat	Bulk
19-19-19	11053	18.80	18.77	20.75		100	CM	Bulk
19-19-19	12254	19.25	20.06	18.50		100	CM	Bulk
21-15-20	12241	21.02	15.09	21.02		101	CM	Bulk
21-15-20	12245	20.38	15.33	20.67		99	CM	Bulk
21-15-20	12248	21.17	15.09	19.85		99	CM	Bulk
26-09-14	12240	25.78	9.65	15.81		101	CM	Bulk
26-11-14	12243	26.89	10.65 *	15.23		99	CM	Bulk
46-00-00	11045	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	12246	46.06	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.01	97.92	102.73				
ALL SAMPLES,CV %		2.71	3.73	4.24				
NUMBER OF ANALYSIS		15	13	12				
Deficiency Rate = 11.76 %								

U.S. BORAX INC. BORON CA 93516								
00-00-00	11635+	0.00	0.00	0.00			Mat	Bag
00-00-00	12162+	0.00	0.00	0.00			Mat	Bag

VALLEY FERTILIZER SVC. EDMONTON KY 42129								
19-12-24	12296	18.17	13.08	26.35		101	CM	Bulk
19-19-19	11752	19.15	20.46	19.76		102	CM	Bulk
19-19-19	11753	19.12	19.39	20.40		101	CM	Bulk
19-19-19	11754	18.69	20.35	19.86		101	CM	Bulk
19-19-19	12298	19.03	20.51	19.38		101	CM	Bulk
19-19-19	12299	18.90	19.65	21.06		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.98	20.07	20.09		101.6		
CV, %		0.99	2.57	3.25				
22-10-21	12297	22.07	11.00	22.85		101	CM	Bulk
22-10-21	12300	22.13	11.11	23.19		102	CM	Bulk
27-13-13	11750	27.08	14.64	14.00		102	CM	Bulk
33-08-08	11751	34.86	8.42	8.73		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

VALLEY FERTILIZER SVC. EDMONTON KY 42129								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.97	102.47	104.43				
ALL SAMPLES,CV %		2.22	3.43	2.6				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

VARIOUS REPORTING COMPANIES LEXINGTON KY 40546								
03-02-04	12565+	2.69	1.77	4.33		97 *	Mnfr	Liq
03-02-06	12567	2.56 *	1.79	5.31 *		88 *	Mnfr	Liq

VOLUNTARY PURCHASING BONHAM TX 75418								
00-00-00	11863+	0.00	0.00	0.00			Mat	Bag
00-00-00	11868+	0.00	0.00	0.00			Mat	Liq
09-13-07	11434+	10.63	15.94	7.98		119	Blend	Bag
09-13-07	12009+	13.36	15.59	3.93 *		116	Blend	Bag

WARNER FERT CO. (ALBA) ALBANY KY 42602								
10-00-42	11673	10.93	0.00	41.36		100	CM	Bulk
17-17-17	11671	18.95	16.33	17.65		104	CM	Bulk
19-19-19	11674	17.81	20.60	20.75		103	CM	Bulk
19-19-19	11675	17.80	20.73	20.13		103	CM	Bulk
21-00-22	11676	22.89	0.00	19.89 *		99	CM	Bulk
21-11-15	11672	22.69	9.96 *	15.02		99	CM	Bulk
23-00-30	11669	20.63 *	0.00	33.77		101	CM	Bulk
23-11-11	11677	24.05	11.22	10.79		103	CM	Bulk
27-13-13	11668	25.42	14.92	15.56		105	CM	Bulk
27-13-13	11670	27.20	14.89	13.14		104	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.95	104.49	103.81				
ALL SAMPLES,CV %		7.56	9.9	8.15				
NUMBER OF ANALYSIS		10	7	10				
Deficiency Rate = 30.00 %								

WARNER FERT CO. (CAMP) CAMPBELLSVILLE KY 42718								
08-08-19	11011+	9.45	9.10	18.67		102	CM	Bulk
10-25-25	11741+	10.02	25.73	24.66		99	CM	Bulk
16-18-24	11069	17.55	17.26	23.61		99	CM	Bulk
17-12-22	11013	18.82	11.15	21.10		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (CAMP)		CAMPBELLSVILLE KY 42718						
17-17-17	11010	17.05	18.36	19.21		103	CM	Bulk
17-17-17	11742	17.58	18.02	17.16		99	CM	Bulk
17-17-17	11743	17.39	18.77	17.92		102	CM	Bulk
19-19-19	11068	18.09	20.72	20.39		102	CM	Bulk
20-00-26	11012	17.83 *	0.00	27.18		95 *	CM	Bulk
24-15-15	11067	23.41	15.78	16.23		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.15	100.99	100.72				
ALL SAMPLES,CV %		6.95	4.93	4.63				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 10.00 %								

WARNER FERT CO. (COLU)		COLUMBIA KY 42728						
17-00-30	12671	17.46	0.00	30.84		103	CM	Bulk
19-19-19	11687	19.54	19.60	19.85		103	CM	Bulk
30-00-20	11685	30.43	0.00	20.38		100	CM	Bulk
32-05-13	11686	32.11	4.83	13.91		99	CM	Bulk

WARNER FERT CO. (LIBE)		LIBERTY KY 42539						
21-15-20	12606	21.78	15.45	18.97		99	CM	Bulk
21-15-20	12607	21.81	15.25	19.71		100	CM	Bulk

WARNER FERT CO. (MONT)		MONTICELLO KY 42633						
18-18-18	11683	19.07	18.68	19.42		100	CM	Bulk
19-19-19	11682	19.62	20.20	18.25		100	CM	Bulk
22-05-16	11679	22.83	5.46	16.79		100	CM	Bulk
27-06-06	11678	25.75 *	7.27	10.66		104	CM	Bulk
29-10-13	11680	29.84	9.62	12.99		99	CM	Bulk

WARNER FERT CO. (NAN)		NANCY KY 42544						
21-00-22	11770	23.03	0.00	20.14 *		100	CM	Bulk
22-10-15	11317	22.00	11.13	14.48		102	CM	Bulk
22-10-15	11771	23.29	9.74	14.53		101	CM	Bulk
24-05-12	11769	25.54	5.31	12.23		99	CM	Bulk
31-10-10	11316	30.61	10.81	10.87		99	CM	Bulk

WARNER FERT CO. (RUSS)		RUSSELL SPRINGS KY 42642						
03-09-48	11874	3.74	9.04	47.89		100	CM	Bulk
08-20-30	11873+	8.28	20.92	29.87		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (RUSS)		RUSSELL SPRINGS KY 42642						
08-20-30	11876+	8.47	20.75	30.88		101	CM	Bulk
08-20-30	11877+	8.13	20.11	31.27		100	CM	Bulk
08-20-30	11879+	8.43	21.63	29.51		101	CM	Bulk
22-10-14	11871	21.74	10.18	15.02		100	CM	Bulk
25-11-17	11870	25.02	12.18	17.97		101	CM	Bulk
25-11-17	11875	25.29	11.94	17.26		100	CM	Bulk
34-00-15	11872	33.33	0.00	16.60		100	CM	Bulk
34-00-15	11880	29.75 *	0.00	20.20		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.52	101.41	104.72				
ALL SAMPLES,CV %		5.71	2.31	10.72				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 10.00 %								

WARNER FERT CO. (SOM)		SOMERSET KY 42502						
00-00-50	10494	0.00	0.00	50.65		101	Mat	Bulk
00-00-60	10412	0.00	0.00	60.42		101	Mat	Bulk
00-00-60	10431	0.00	0.00	59.98		100	Mat	Bulk
00-00-60	10491	0.00	0.00	59.30		99	Mat	Bulk
00-00-60	10495	0.00	0.00	60.54		101	Mat	Bulk
00-00-60	10509	0.00	0.00	60.86		101	Mat	Bulk
00-00-60	10510	0.00	0.00	60.40		101	Mat	Bulk
00-00-60	10530	0.00	0.00	60.51		101	Mat	Bulk
00-00-60	10532	0.00	0.00	60.24		100	Mat	Bulk
00-00-60	10533	0.00	0.00	59.68		99	Mat	Bulk
00-00-60	10536	0.00	0.00	60.79		101	Mat	Bulk
00-00-60	10585	0.00	0.00	60.53		101	Mat	Bulk
00-00-60	10678	0.00	0.00	60.73		101	Mat	Bulk
00-00-60	10794	0.00	0.00	60.71		101	Mat	Bulk
00-00-60	10801	0.00	0.00	61.01		102	Mat	Bulk
00-00-60	11016	0.00	0.00	61.43		102	Mat	Bulk
00-00-60	11464	0.00	0.00	61.65		103	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 16								
Average Analysis :		0.00	0.00	60.55		100.9		
CV, %		0	0	0.97				
00-20-20	11824	0.00	21.59	21.22		107	Blend	Bag
05-10-10	10589	6.56	10.66	9.50		108	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (SOM) SOMERSET KY 42502								
05-10-10	11325	6.75	10.87	9.40		109	Blend	Bag
05-10-10	11448	6.35	9.60	10.53		106	Blend	Bag
05-10-15	11760	10.50	23.59	9.72 *		137	Blend	Bag
05-10-15	11823	6.25	10.85	16.22		111	Blend	Bag
05-10-15	12192	6.03	10.05	16.19		108	Blend	Bag
05-20-20	11557	8.41	21.12	21.78		114	Blend	Bag
06-12-12	10870	7.88	11.39	12.44		106	Blend	Bag
06-12-12	11318	6.76	11.81	12.77		104	Blend	Bag
06-12-12	11323	6.86	11.09	10.88 *		96 *	Blend	Bag
06-12-12	11326	7.24	12.80	12.13		108	Blend	Bag
06-12-12	11447	8.95	13.10	13.38		119	Blend	Bag
06-12-12	11569	7.31	11.60	10.62 *		99	Blend	Bag
Statistical Analysis for Grade : 06-12-12								
Number of Samples This Grade : 6								
Average Analysis :		7.50	11.96	12.04		105.4		
CV, %		10.83	6.74	8.99				
09-00-42	12324	9.84	0.00	42.61		100	CM	Bulk
09-18-27	11822	9.46	18.12	28.62		104	Blend	Bag
09-18-27	12608	10.79	19.53	25.27 *		102	Blend	Bag
10-10-10	10415	9.80	9.45	9.90		97	Blend	Bag
10-10-10	10432	9.77	10.12	10.33		101	Blend	Bag
10-10-10	10588	11.69	9.43	10.51		105	Blend	Bag
10-10-10	10637	9.97	9.76	11.07		102	Blend	Bag
10-10-10	10682	10.57	10.00	9.68		101	Blend	Bag
10-10-10	10869	9.87	9.59	9.95		98	Blend	Bag
10-10-10	10971	10.58	10.68	10.45		106	Blend	Bag
10-10-10	11066	11.15	9.86	9.87		103	Blend	Bag
10-10-10	11320	10.00	9.55	9.98		98	Blend	Bag
10-10-10	11324	10.36	10.02	9.74		101	Blend	Bag
10-10-10	11446	10.73	10.41	10.73		106	Blend	Bag
10-10-10	11474	9.49	9.98	9.68		97	Blend	Bag
10-10-10	11558	10.71	11.11	9.99		106	Blend	Bag
10-10-10	11567	11.02	9.36	10.15		102	Blend	Bag
10-10-10	11571	10.54	9.25	9.74		98	Blend	Bag
10-10-10	11747	10.16	8.96 *	9.79		96 *	Blend	Bag
10-10-10	11979	10.19	10.98	9.83		104	Blend	Bag
10-10-10	12339	11.41	9.74	10.18		105	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (SOM) SOMERSET KY 42502								
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 18								
Average Analysis :		10.44	9.90	10.09		101.5		
CV, %		5.78	5.93	3.89				
15-15-15	10522	16.14	15.10	16.34		106	Blend	Bag
15-15-15	11467	15.04	15.77	16.56		105	Blend	Bag
15-15-15	11568	15.61	15.02	12.73 *		97	Blend	Bag
15-15-15	11572	15.59	16.53	16.17		107	Blend	Bag
15-15-15	11762	15.83	15.67	16.94		107	Blend	Bag
15-15-15	11981	14.14	15.20	15.41		99	Blend	Bag
15-15-15	12191	15.58	16.00	15.89		105	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade : 7								
Average Analysis :		15.42	15.61	15.72		103.8		
CV, %		4.24	3.51	8.95				
18-46-00	10413	17.65	46.46	0.00		100	Mat	Bulk
18-46-00	10489	18.12	45.89	0.00		100	Mat	Bulk
18-46-00	10493	17.94	45.88	0.00		100	Mat	Bulk
18-46-00	10508	17.83	46.19	0.00		100	Mat	Bulk
18-46-00	10535	17.81	45.44	0.00		99	Mat	Bulk
18-46-00	10680	17.95	45.31	0.00		99	Mat	Bulk
18-46-00	10743	17.93	45.87	0.00		100	Mat	Bulk
18-46-00	10793	17.94	45.65	0.00		99	Mat	Bulk
18-46-00	10798	17.85	46.45	0.00		100	Mat	Bulk
18-46-00	11015	17.76	45.77	0.00		99	Mat	Bulk
18-46-00	11466	17.67	46.21	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 11								
Average Analysis :		17.86	45.92	0.00		99.7		
CV, %		0.77	0.82	0				
19-19-19	10587	20.71	19.57	18.07		103	Blend	Bag
19-19-19	10636	19.34	19.10	19.91		102	Blend	Bag
19-19-19	10868	18.60	20.97	20.35		105	Blend	Bag
19-19-19	11319	18.49	19.97	19.24		101	Blend	Bag
19-19-19	11469	20.63	18.58	18.46		101	Blend	Bag
19-19-19	11556	19.21	20.85	18.87		104	Blend	Bag
19-19-19	11570	18.63	19.62	19.49		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (SOM) SOMERSET KY 42502								
19-19-19	11761	18.79	19.77	19.86		102	Blend	Bag
19-19-19	11980	18.77	20.77	19.01		103	Blend	Bag
19-19-19	12190	18.81	19.66	19.84		102	Blend	Bag
19-19-19	12609	20.08	20.74	18.30		104	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 11								
Average Analysis :		19.28	19.96	19.22		102.7		
CV, %		4.26	3.92	3.87				
27-13-13	12189	26.31	13.91	14.29		103	CM	Bulk
30-09-12	12186	30.97	9.48	12.89		101	CM	Bulk
30-09-12	12187	30.88	9.28	13.48		102	CM	Bulk
30-09-12	12188	30.74	9.20	13.08		101	CM	Bulk
34-00-00	10429	33.99	0.00	0.00		100	Mat	Bulk
34-00-00	10492	34.18	0.00	0.00		101	Mat	Bulk
34-00-00	10529	34.05	0.00	0.00		100	Mat	Bulk
34-00-00	10537	34.28	0.00	0.00		101	Mat	Bulk
34-00-00	10586	33.83	0.00	0.00		100	Mat	Bulk
34-00-00	10679	33.44	0.00	0.00		98	Mat	Bulk
34-00-00	10744	34.12	0.00	0.00		100	Mat	Bulk
34-00-00	10795	33.29	0.00	0.00		98	Mat	Bulk
34-00-00	10799	33.13	0.00	0.00		97	Mat	Bulk
34-00-00	11014	34.17	0.00	0.00		100	Mat	Bulk
34-00-00	11465	34.35	0.00	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 11								
Average Analysis :		33.89	0.00	0.00		99.7		
CV, %		1.24	0	0				
46-00-00	10414	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	10430	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	10490	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10507	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	10531	45.82	0.00	0.00		100	Mat	Bulk
46-00-00	10534	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	10584	45.70	0.00	0.00		99	Mat	Bulk
46-00-00	10681	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	10742	45.87	0.00	0.00		100	Mat	Bulk
46-00-00	10792	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	10800	45.86	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (SOM) SOMERSET KY 42502								
46-00-00	11017	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	11463	46.11	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 13								
Average Analysis :		46.02	0.00	0.00		100.0		
CV, %		0.38	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		106.55	103.64	101.32				
ALL SAMPLES,CV %		15.1	16.58	6.66				
NUMBER OF ANALYSIS		91	67	74				
Deficiency Rate = 5.50 %								

WARNER FERT CO. (STANF) STANFORD KY 40484								
15-13-20	12383	15.08	16.51	22.01		108	CM	Bulk
17-00-32	12386	18.03	0.00	32.33		101	CM	Bulk
19-19-19	12384	19.58	19.38	20.14		104	CM	Bulk
28-00-18	12385	27.20	0.00	19.85		100	CM	Bulk

WARNER FERT CO. (TOMPK) TOMPKINSVILLE KY 42167								
20-00-33	11468	18.34 *	0.00	34.50		98	CM	Bulk
23-16-15	11461	24.04	16.32	15.58		100	CM	Bulk
24-09-18	11476	24.16	9.75	19.36		102	CM	Bulk
24-10-10	11462	23.93	11.00	11.44		101	CM	Bulk
24-10-10	11470	25.80	10.04	10.85		102	CM	Bulk
24-10-10	11471	24.10	10.59	11.67		101	CM	Bulk
24-10-10	11472	24.69	10.68	10.97		102	CM	Bulk
24-10-10	11478	23.86	11.60	11.36		103	CM	Bulk
Statistical Analysis for Grade : 24-10-10								
Number of Samples This Grade : 5								
Average Analysis :		24.48	10.78	11.26		101.9		
CV, %		3.31	5.32	3.02				
27-13-13	11473	26.41	14.40	14.28		101	CM	Bulk
27-13-13	11475	26.27	13.93	14.67		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (TOMPK) TOMPKINSVILLE KY 42167								
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.92	101.25	104.71				
ALL SAMPLES,CV %		4.11	4.15	2.78				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 10.00 %								

WATERWAY AG INC. METROPOLIS IL 62960								
28-00-00	10614	28.25	0.00	0.00		101	Mat	Liq
46-00-00	12129	46.20	0.00	0.00		100	Mat	Bulk

WINFIELD SOLUTIONS LLC ST. PAUL MN 55164								
10-10-10	10858	8.98 *	9.39	8.70 *		90 *	Blend	Bag
10-10-10	11424	9.91	11.69	11.22		109	Blend	Bag
12-12-12	10748	11.62	12.51	12.85		102	Blend	Bag
12-12-12	10859	11.51	11.70	9.98 *		93 *	Blend	Bag
12-12-12	10913	11.91	11.21	12.75		99	Blend	Bag
12-12-12	11425	11.26	10.85 *	10.51 *		91 *	Blend	Bag
12-12-12	11435	11.26	10.81 *	10.59 *		91 *	Blend	Bag
12-12-12	11460	11.84	11.87	11.37		98	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade : 6								
Average Analysis :		11.56	11.49	11.34		95.6		
CV, %		2.4	5.76	10.71				
16-06-16	10749	17.42	5.49	15.86		102	Blend	Bag
16-06-16	10914	14.35 *	6.09	17.16		98	Blend	Bag
16-06-16	11834	13.33 *	4.90 *	18.41		95 *	Blend	Bag
23-00-07	10871+	21.57	0.00	7.03		95 *	Blend	Bag
28-00-04	11322+	30.35	0.00	4.07		108	Blend	Bag
28-00-04	11436+	26.49	0.00	4.33		96 *	Blend	Bag
28-00-04	11975	27.15	0.00	4.22		98	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.18	96.36	100.24				
ALL SAMPLES,CV %		6.82	9.56	9.95				
NUMBER OF ANALYSIS		15	11	15				
Deficiency Rate = 53.33 %								

WINSTON WEAVER CO, INC WINSTON-SALEM NC 27116-7366								
10-10-10	10096	10.48	11.74	9.66		105	Blend	Bag

WOLF TRAX WINNIPEG MB R3T 6E3								
00-00-00	10384+	0.00	0.00	0.00			Mnfr	Bag

WOODFORD FEED CO. VERSAILLES KY 40383								
20-00-28	12545	20.50	0.00	29.05	*	101	CM	Bulk
20-03-26	12539	19.60	4.52	26.51		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WOODFORD FEED CO.		VERSAILLES KY 40383						
22-00-25	12558	22.70	0.00	26.75		101	CM	Bulk
22-03-16	12559	22.67	4.01	16.43		103	CM	Bulk
29-00-18	12543+	29.25	0.00	18.24		99	CM	Bulk
29-07-14	12547+	29.94	6.78	14.27		99	CM	Bulk
31-00-16	12546	30.52	0.00	18.00		101	CM	Bulk
32-00-18	12540	31.45	0.00	19.29		101	CM	Bulk
33-00-14	12544+	30.57 *	0.00	17.25	*	102	CM	Bulk
34-00-00	12494	34.50	0.00	0.00		101	Mnfr	Bulk
34-05-10	12541	33.46	5.12	11.28		98	CM	Bulk
39-00-06	12542+	39.47	0.00	6.62		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.75	102.60	104.05				
ALL SAMPLES,CV %		2.89	12.09	5.96				
NUMBER OF ANALYSIS		12	4	11				
Deficiency Rate = 8.33 %								

YARA NORTH AMERICA		TAMPA FL 33602						
27-00-00	11177+	27.12	0.00	0.00		100	Mnfr	Bag

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

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ADVANCED TURF SOLUTIONS, INC		FISHERS	IN		
	11419	22-00-05	Fe	03.00	04.00
	12636	22-00-05	Fe	03.00	03.10
	12635	30-00-05	Fe	01.00	01.18
AG DISTRIBUTORS, INC.		NASHVILLE	TN		
	11763	33-00-00	SO4	12.00	12.77
AGRI-CHEM, INC. (HERN)		HERNDON	KY		
	10021	05-27-27	Zn	00.55	00.57
	10022	05-27-27	Zn	00.55	00.54
	10024	05-27-27	Zn	00.53	00.46*
	10025	05-27-27	Zn	00.53	00.55
	10026	05-27-27	Zn	00.53	00.54
	10019	06-28-24	Zn	01.02	01.04
	10020	06-28-24	Zn	01.02	00.98
	10030	06-28-24	Zn	01.02	01.38
	10031	06-28-24	Zn	01.02	01.20
AGRIUM ADVANCED TECHNOLOGIES U		REESE	MI		
	10696	00-00-00	Ca	10.00	09.82
			Mg	05.00	06.71
			SO4	01.50	03.61
			B	10.00	08.76*
	10957	00-00-00	Fe	50.00	46.28*
			Zn	01.00	00.87*
	10959	00-00-00	Ca	10.00	09.86
			Mg	05.00	06.66
			B	10.00	09.21
	12177	00-00-00	Ca	10.00	10.39
			Mg	05.00	06.31
			B	10.00	09.94
	12161	02-00-00	SO4	14.00	15.33
	12175	02-00-00	SO4	14.00	14.55
			Zn	20.00	23.58
	12328	02-00-00	SO4	14.00	14.69
			Zn	20.00	21.03
AGRIUM U.S. INC. (DENV)		DENVER	CO		
	12508	13-13-13	Mn	00.20	00.19
			Zn	00.10	00.13
			Mg	01.00	01.07
			SO4	09.00	11.86
			B	00.05	00.06
			Fe	00.10	00.35
	10821	18-08-00	Zn	02.00	02.05
	10142	44-00-00	CSRN	40.00	43.72

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AGRIUM U.S. INC. (DENV)		DENVER	CO		
	10747	44-00-00	CSRN	40.00	43.16
	10765	44-00-00	CSRN	40.00	43.02
	10822	44-00-00	CSRN	40.00	43.91
	10951	44-00-00	CSRN	44.00	43.72
	10981	44-00-00	CSRN	40.00	43.66
	11090	44-00-00	CSRN	40.00	43.15
	11104	44-00-00	CSRN	40.00	43.09
	11345	44-00-00	CSRN	40.00	44.20
	11392	44-00-00	CSRN	40.00	43.71
	11441	44-00-00	CSRN	40.00	43.93
	12305	44-00-00	CSRN	40.00	42.68
AGRO CULTURE LIQUID FERT.		ST. JOHNS	MI		
	11865	09-24-03	Fe	00.10	00.26
	12421	09-24-03	Fe	00.10	00.25
	12470	09-24-03	Fe	00.10	00.23
	12473	12-03-03	SO4	01.50	01.65
			Fe	00.10	00.09
			Mn	00.05	00.06
			Zn	00.10	00.10
ALLEN COUNTY FARMERS SERVICE		SCOTTSVILLE	KY		
	10997	25-16-12	Fe	00.03	00.42
	11003	25-16-12	Fe	00.03	00.46
	11004	25-16-12	Fe	00.03	00.45
AMERICAN PLANT FOOD CORPORATIO		GALENA PARK	TX		
	10990	33-00-00	SO4	11.00	13.22
BAYER ADVANCED, BU OF BCS LP		RESEARCH TRIANGLE PK	NC		
	11779	08-12-04	SO4	06.00	06.62
BONIDE PRODUCTS, INC.		ORISKANY	NY		
	11533	00-00-00	Zn	36.00	42.73
	11921	02-04-00	WIN	00.50	01.81
	11791	03-05-04	WIN	03.00	01.92*
	11951	04-12-00	WIN	04.00	06.10
C & F FARM SUPPLY, INC.		HISEVILLE	KY		
	10630	04-10-43	B	00.30	00.01*
	10973	04-11-44	B	00.15	00.10*
C. D. POORE FERTILIZER		ALBANY	KY		
	10500	21-00-00	SO4	24.00	24.30

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
C. D. POORE FERTILIZER		ALBANY			
	11573	22-10-15	SO4	06.00	07.04
	11574	22-10-15	SO4	06.00	06.78
	11577	25-00-20	SO4	05.33	06.40
CAMERON CHEMICALS, INC.		PORTSMOUTH			
	10029	00-00-00	SO4	09.00	04.71*
			Zn	36.00	42.68
	10796	00-00-00	Mg	36.00	29.28*
			SO4	06.00	03.75*
	10797	00-00-00	SO4	09.00	04.55*
			Zn	36.00	32.22*
	11043	00-00-00	Zn	36.00	39.55
	11634	00-00-00	SO4	09.00	07.84*
			Zn	36.00	30.39*
	11802	00-00-00	SO4	09.00	04.16*
			Zn	36.00	38.22
	11984	00-00-00	Zn	36.00	27.47*
	12039	00-00-00	Zn	36.00	39.78
	12060	00-00-00	Zn	36.00	39.00
CECILIA FARM SVC INC.		CECILIA			
	11138	06-15-37	B	00.58	00.53
	11142	09-23-22	B	01.09	01.03
CEN FARMERS SUP. OF GREEN		GREENSBURG			
	12678	04-10-42	Mg	01.83	01.31*
	12679	04-10-42	Mg	01.83	01.31*
CENTRAL CROP CARE		CRAB ORCHARD			
	12325	21-08-23	Zn	00.63	00.58
CHEMSICO, DIV OF UNITED INDUST		ST. LOUIS			
	11054	29-03-04	Fe	01.00	02.05
	11958	30-03-03	B	00.02	00.02
			Cu	00.05	00.08
			Fe	02.00	03.15
CP BIO INC		CHINO			
	11882	03-00-04	SO4	01.62	01.56
			B	00.32	00.29
			Mn	00.10	00.10
			Mo	00.1000	00.0981
			Zn	00.42	00.43

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC (CADIZ)		CADIZ			
	12090	18-17-21	SO4	04.60	05.52
	12089	22-10-21	SO4	03.80	04.39
CROP PRODUCTION SVC (CYN)		CYNTHIANA			
	12044	20-00-10	Ca	12.10	09.30*
			Mg	02.01	04.34
	12045	20-00-10	Ca	12.10	09.20*
			Mg	02.01	04.47
	12166	44-00-00	Zn	00.49	00.59
	12167	44-00-00	Zn	00.49	00.57
	12168	44-00-00	Zn	00.49	00.62
	12169	44-00-00	Zn	00.49	00.69
CROP PRODUCTION SVC (FELTY)		BEAVER DAM			
	12285	07-18-33	Cu	00.00	00.01
			Zn	00.91	01.05
CROP PRODUCTION SVC (LEB)		LEBANON			
	10559	13-09-12	SO4	02.13	09.93
			B	00.18	00.18
	10560	13-09-12	SO4	02.13	10.07
			B	00.18	00.17
	10564	23-00-00	SO4	04.62	06.07
CROP PRODUCTION SVC (MAD)		MADISONVILLE			
	10190	10-27-20	Mg	01.22	01.80
			B	00.16	00.14
	10206	10-27-20	Mg	01.22	01.91
			B	00.16	00.14
CROP PRODUCTION SVC (MOR)		MORGANFIELD			
	10155	03-12-16	SO4	01.58	01.59
	10156	03-12-16	SO4	01.58	01.74
	10158	03-12-16	SO4	01.58	01.65
	10157	04-15-19	SO4	01.90	01.94
CROP PRODUCTION SVC (OBORO)		OWENSBORO			
	10227	07-21-31	SO4	01.50	01.81
	10228	07-21-31	SO4	01.50	01.75
	10229	07-21-31	SO4	01.50	01.83
	10230	07-21-31	SO4	01.50	01.88
	10231	07-21-31	SO4	01.50	01.77
	10232	07-21-31	SO4	01.50	01.86
	10233	07-21-31	SO4	01.50	01.77

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC (OBORO)		OWENSBORO		KY	
	12267	08-18-32	SO4	01.50	02.27
	12268	08-18-32	SO4	01.50	02.20
	12269	08-18-32	SO4	01.50	02.43
CROP PRODUCTION SVC (OWBO)		OWENSBORO		KY	
	12275	00-00-52	Zn	02.56	02.63
	12274	00-00-56	Zn	01.46	01.55
	12270	09-22-29	B	00.10	00.12
			Zn	00.75	00.84
	12271	09-22-29	B	00.10	00.11
			Zn	00.75	00.85
	12272	16-06-09	Mg	00.17	01.80
			B	00.01	00.03
			Cu	00.01	00.03
			Zn	00.51	00.50
	12273	20-01-26	Mg	00.16	00.42
			B	00.01	00.02
			Cu	00.01	00.02
			Zn	00.48	00.44
CROP PRODUCTION SVC (PEM)		PEMBROKE		KY	
	10332	06-30-17	Mg	02.00	02.66
			B	00.14	00.18
			Zn	00.57	00.74
	10334	06-30-17	Mg	02.00	02.56
			B	00.14	00.17
			Zn	00.57	00.73
	10337	06-30-17	B	00.14	00.18
			Zn	00.57	00.78
	10338	06-30-17	Mg	02.00	02.52
			B	00.14	00.16
			Zn	00.57	00.70
CROP PRODUCTION SVC (SAC)		SACRAMENTO		KY	
	12441	08-20-33	Zn	00.43	00.42
	12442	08-20-33	Zn	00.43	00.49
	12456	28-00-11	Zn	00.11	00.17
CROP PRODUCTION SVC (SCHOC)		RUSSELLVILLE		KY	
	11190	10-25-21	Mg	00.54	01.49
			B	00.03	00.08
			Cu	00.03	00.11
			Zn	01.61	01.75
	11191	10-25-21	Mg	00.54	01.52
			B	00.03	00.10
			Cu	00.03	00.13
			Zn	01.61	01.85

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC (SCHOC)		RUSSELLVILLE			
			KY		
	11192	10-25-21	Mg	00.54	01.57
			B	00.03	00.08
			Cu	00.03	00.14
			Zn	01.61	01.89
	11195	10-25-21	Mg	00.54	01.48
			B	00.03	00.08
			Cu	00.03	00.12
			Zn	01.61	01.78
	11196	10-25-21	Mg	00.54	01.51
			B	00.03	00.09
			Cu	00.03	00.13
			Zn	01.61	02.00
	11197	10-25-21	Mg	00.54	01.44
			B	00.03	00.08
			Cu	00.03	00.12
			Zn	01.61	01.73
	11509	14-36-00	Mg	00.85	01.43
			B	00.04	00.05
			Cu	00.04	00.18
			Zn	02.55	02.20*
	11510	14-36-00	Mg	00.85	01.46
			B	00.04	00.05
			Cu	00.04	00.21
			Zn	02.55	02.53
	11511	16-25-16	Mg	00.33	00.69
			B	00.02	00.02
			Cu	00.02	00.17
			Zn	01.00	01.02
	11512	16-25-16	Mg	00.33	00.75
			B	00.02	00.02
			Cu	00.02	00.22
			Zn	01.00	01.16
CROP PRODUCTION SVC (UPT)		UPTON			
			KY		
	11370	06-16-36	B	00.35	00.26*
	11371	09-00-46	B	00.30	00.26
CROP PRODUCTION SVC INC		GREELEY			
			CO		
	10335	00-00-00	Mg	14.00	14.50
			SO4	05.00	04.77
			B	01.00	01.55
			Zn	04.00	06.03
	10651	00-00-00	S	90.00	90.47
	10624	00-00-22	Mg	11.00	12.04
			SO4	22.00	22.75
	10771	12-40-00	SO4	05.00	05.47
	10612	21-00-00	SO4	24.00	24.40
	11347	21-00-00	SO4	24.00	24.02

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CROP PRODUCTION SVC INC		GREELEY	CO		
	10613	26-00-00	SO4	02.50	02.37
	10567	44-00-00	CSRN	40.00	44.04
	10611	44-00-00	CSRN	40.00	43.39
	10622	44-00-00	CSRN	40.00	43.87
	10676	44-00-00	CSRN	40.00	43.92
DREXEL CHEMICAL CO.		MEMPHIS	TN		
	10713	00-00-00	B	15.00	14.33
	11601	00-00-00	B	15.00	14.52
	11787	00-00-00	B	15.00	14.33
	11878	00-00-00	B	15.00	14.12
DYSART CORPORATION		CANAL WINCHESTER	OH		
	11862	08-18-18	SO4	06.70	07.39
EASY GARDNER		WACO	TX		
	11776	02-07-04	WIN	01.20	02.49
	10835	04-04-04	WIN	03.20	03.60
			Ca	08.00	12.24
			Mg	00.50	00.70
ENCAP, LLC		GREEN BAY	WI		
	11214	00-00-00	Ca	11.00	11.23
			SO4	09.22	09.31
	11922	00-00-00	Ca	12.10	12.85
			Fe	09.90	06.88*
ENVIRO-SAFE LABS, INC		SARASOTA	FL		
	11502	08-05-05	WIN	06.80	07.41
			Ca	04.50	06.02
			SO4	01.00	01.83
	12005	08-05-05	WIN	06.80	07.07
			Ca	04.50	04.06*
	12623	10-02-08	WIN	09.00	09.31
			Ca	01.80	01.93
			SO4	03.00	02.74
	11224	12-03-13	Mg	02.00	03.64
			SO4	01.00	09.31
			Fe	00.75	01.51
			Mn	00.35	00.66
	11953	16-02-14	SO4	02.94	06.06
			Fe	00.47	00.37*
			Mn	00.23	00.13*
			Zn	00.05	00.04

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ESPOMA CO.		MILLVILLE	NJ		
	11782	03-04-04	WIN	02.20	02.71
			Ca	05.00	04.25*
			Mg	01.00	01.68
	10100	04-03-03	WIN	03.40	02.86*
			Ca	04.00	04.10
			Mg	01.00	01.31
			SO4	02.00	02.25
	11775	04-03-03	WIN	03.40	03.20
			Ca	04.00	05.99
			Mg	01.00	01.35
	11952	04-03-03	WIN	03.40	02.89*
			Ca	04.00	05.01
			Mg	01.00	01.39
			SO4	02.00	02.29
	11964	04-03-04	WIN	02.50	03.46
			Ca	03.00	03.81
			Mg	01.00	01.77
FARMERS FERTILIZER CO.		BOWLING GREEN	KY		
	11663	21-17-16	Zn	00.77	00.86
	11664	21-17-16	Zn	00.77	00.75
	11665	21-17-16	Zn	00.77	00.89
	11666	27-11-14	Zn	00.44	00.44
	11667	28-05-17	Zn	00.41	00.39
	11712	28-05-17	Zn	00.41	00.37
	11714	28-05-17	Zn	00.41	00.41
FOXFARM SOIL & FERTILIZER COMP		ARCATA	CA		
	12563	03-04-03	Mg	00.59	01.08
FRIT INDUSTRIES		OZARK	AL		
	10408	00-00-00	Zn	36.00	45.73
GENERAL HYDROPONICS		SEBASTOPOL	CA		
	12564	05-15-14	Ca	05.00	06.00
			Mg	03.50	04.01
			SO4	04.00	05.63
			Fe	00.10	00.11
GOOD EARTH HORTICULTURE, INC		LANCASTER	NY		
	11924	00-00-00	WIN	00.25	00.35
GREAT SALT LAKE MINERALS		OGDEN	UT		
	10471	00-00-50	SO4	17.00	18.23

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GREEN CHARGER FERT CORP.		RICHMOND	VA		
	12438	27-00-00	Ca	04.00	04.63
			Mg	01.00	02.74
GREEN LIGHT		SAN ANTONIO	TX		
	11426	12-55-06	Fe	00.10	00.12
	11954	12-55-06	Fe	00.10	00.12
GREEN RIVER FEED MILL		MORGANTOWN	KY		
	12193	14-15-25	Mg	00.94	00.94
			B	00.07	00.06
			Zn	00.56	00.56
	12194	14-15-25	Mg	00.94	01.03
			B	00.07	00.07
			Zn	00.56	00.66
	12196	14-15-25	Mg	00.94	00.94
			B	00.07	00.05
			Zn	00.56	00.54
	12197	14-15-25	Mg	00.94	00.94
			B	00.07	00.05
			Zn	00.56	00.54
	12198	14-15-25	Mg	00.94	00.96
			B	00.07	00.06
			Zn	00.56	00.61
	12199	14-15-25	Mg	00.94	01.02
			B	00.07	00.07
			Zn	00.56	00.55
	12200	14-15-25	Mg	00.94	00.95
			B	00.07	00.06
			Zn	00.56	00.63
GRIFFIN INDUSTRIES INC.		COLD SPRING	KY		
	10476	05-06-06	WIN	04.50	05.29
			Ca	07.00	05.71*
			Mg	01.50	02.90
			SO4	04.00	06.11
	10480	08-03-05	WIN	07.20	06.81
			Ca	03.00	03.03
			Mg	02.20	02.58
			SO4	04.00	05.32
	10003	08-05-05	Ca	04.50	06.62
			SO4	01.00	01.71
	10477	08-05-05	WIN	06.80	07.65
			Ca	04.50	05.10
			SO4	01.00	01.94
	12631	08-05-05	WIN	06.80	06.28
			Ca	04.50	06.36
			SO4	01.00	01.83

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRIFFIN INDUSTRIES INC.		COLD SPRING	KY		
	10473	10-00-08	WIN	09.00	10.22
			Ca	01.00	01.95
	10482	10-02-08	WIN	09.00	09.70
			Ca	01.80	02.33
			SO4	03.00	02.69
	10478	12-02-06	WIN	05.60	05.47
			Ca	02.00	02.18
			SO4	08.00	07.54
	10481	13-00-00	WIN	12.04	13.29
	10475	15-00-08	WIN	09.20	11.95
			Ca	01.00	02.20
	10483	21-03-07	WIN	02.10	05.41
			Ca	02.00	02.49
			SO4	02.00	02.40
	10479	27-02-02	WIN	03.30	03.37
			Ca	02.00	02.79
GRO TEC INC.		MADISON	GA		
	11858	06-12-00	WIN	06.00	05.63
	11520	12-10-10	SO4	09.00	09.80
			B	00.02	00.01*
			Fe	02.00	02.48
			Mn	00.10	00.02*
			Mo	00.0005	00.0003
			Zn	00.10	00.01*
	10899	18-24-06	B	00.02	00.04
			Cu	00.05	00.09
			Fe	00.25	02.25
			Mn	00.10	00.22
			Mo	00.0005	00.0006
			Zn	00.10	00.18
	11516	18-24-06	B	00.02	00.04
			Cu	00.05	00.08
			Fe	00.25	01.92
			Mn	00.10	00.23
			Mo	00.0005	00.0005
			Zn	00.10	00.21
	10097	22-00-14	SO4	01.40	01.76
	10897	29-00-05	Fe	02.00	02.91
HELENA CHEMICAL CO.		HICKMAN	KY		
	10170	04-05-14	SO4	02.89	03.75
	10171	04-05-14	SO4	02.89	03.89
	10172	04-05-14	SO4	02.88	03.66
	11698	10-00-28	B	00.63	00.54
	11651	11-00-22	SO4	13.48	13.69
			B	00.96	00.89
	11652	13-00-18	SO4	14.97	15.23
			B	00.97	00.89

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
HELENA CHEMICAL COMPANY (COL)		COLLIERVILLE	TN		
	11985	00-00-00	Zn	10.00	12.27
	11986	10-00-10	B	00.50	00.46
	11988	11-08-05	B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.10	00.09
			Mn	00.05	00.05
	12424	11-08-05	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.10
			Mn	00.05	00.05
			Mo	00.0005	00.0007
			Zn	00.05	00.05
	10167	21-00-00	SO4	24.00	23.84
	11645	21-00-00	SO4	24.00	24.21
	11989	25-00-00	B	00.50	00.45
	12423	25-00-00	B	00.50	00.61
	12474	25-00-00	B	00.50	00.44
HENRY FARMERS COOP		MURRAY	KY		
	12094	10-05-17	B	00.01	00.00
			Cu	00.01	00.01
			Zn	00.02	00.01*
	12095	10-16-26	Zn	00.04	00.02*
	12096	10-16-26	SO4	04.79	05.77
			Zn	00.04	00.06
	12097	18-10-19	B	00.21	00.05*
HOWARD JOHNSONS ENT., INC.		FRANKLIN	WI		
	11220	05-03-02	WIN	03.00	02.77
	11428	05-03-02	WIN	03.00	03.21
INFINITY FERTILIZERS INC		MILAN	IL		
	11781	05-03-03	WIN	04.00	05.07
			Ca	09.00	04.10*
	11908	05-05-03	WIN	03.50	04.81
			Ca	09.00	04.02*
			Mg	00.50	00.94
			Fe	00.10	00.72
	11209	20-20-15	B	00.02	00.02
			Cu	00.07	00.04*
			Fe	00.33	00.27*
			Mn	00.07	00.04*
			Mo	00.0005	00.0004
			Zn	00.07	00.06*
	11907	20-20-20	B	00.02	00.01*
			Cu	00.33	00.05*
			Mn	00.07	00.05*
			Mo	00.0005	00.0005
			Zn	00.07	00.07

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
INFINITY FERTILIZERS INC		MILAN			
	11208	32-00-10	Fe	02.00	01.78*
INSTA-GRO MANUFACTURING, INC.		CALEDONIA			
	12478	08-00-00	Ca	08.00	08.12
	12479	11-00-00	SO4	25.00	25.69
J. R. PETERS		ALLENTOWN			
	12008	20-20-20	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.12
			Mn	00.05	00.06
			Mo	00.0009	00.0032
			Zn	00.05	00.06
JANES FERTILIZER & FARM SUPPLY		COLUMBIA			
	11694	18-18-18	B	00.37	00.31*
JONATHAN GREEN & SONS		FARMINGDALE			
	12630	12-18-08	Fe	01.00	01.61
JUNGLE GROWTH		STATHAM			
	10004	11-02-03	WIN	09.00	08.65
			Ca	01.00	03.24
			SO4	01.00	01.26
KNOX FERTILIZER CO., INC.		KNOX			
	11212	10-54-10	Cu	00.05	00.05
			Fe	00.10	00.13
			Mn	00.05	00.05
			Zn	00.05	00.04
	11507	15-30-15	Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.04
	11918	15-30-15	Cu	00.05	00.05
			Fe	00.10	00.18
			Mn	00.05	00.05
			Zn	00.05	00.06
	11213	32-10-10	Cu	00.01	00.04
			Fe	00.10	00.19
			Mn	00.05	00.05
			Zn	00.05	00.05
LEBANON SEABOARD CORP		LEBANON			
	11931	10-16-20	Mg	01.00	01.56
			SO4	02.00	07.18
			Fe	01.00	01.96
			Mn	00.50	00.58

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
LEBANON SEABOARD CORP		LEBANON	PA		
	12628	10-18-18	WIN	02.20	02.03
			Mg	00.50	00.73
			SO4	07.00	09.49
			Fe	00.50	01.64
			Mn	00.25	00.36
	12627	25-00-05	WIN	02.60	02.93
			SO4	05.00	05.27
			Fe	01.00	01.23
	10837	30-00-03	B	00.02	00.02
			Cu	00.05	00.09
			Fe	02.00	02.94
			Mn	00.05	00.16
			Mo	00.0005	00.0043
			Zn	00.05	00.19
LESCO INC.		CLEVELAND	OH		
	11777	24-00-11	Fe	03.00	03.10
LILLY MILLER BRANDS		WALNUT CREEK	CA		
	11548	05-01-01	WIN	00.75	01.35
	10895	10-05-04	WIN	02.40	02.92
			B	00.02	00.03
			Fe	00.10	00.35
			Mn	00.05	00.12
			Mo	00.0005	00.0011
			Zn	00.05	00.11
	11427	10-10-10	WIN	01.70	01.98
			B	00.02	00.03
			Fe	00.10	00.34
			Mn	00.05	00.11
			Mo	00.0005	00.0010
			Zn	00.05	00.09
LOVELAND PRODUCTS, INC.		GREELEY	CO		
	11407	06-20-00	Zn	00.77	00.87
	11406	07-17-03	Cu	00.07	00.23
			Fe	00.20	00.48
			Mn	00.06	00.05
			Zn	00.95	00.75*
MARTIN MARIETTA		MANISTEE	MI		
	10407	00-00-00	Mg	58.00	60.27
	11612	00-00-00	Mg	58.00	62.52
MARTIN OPERATING PARTNERSHIP L		KILGORE	TX		
	11983	00-00-00	S	90.00	92.42

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MAYFIELD GRAIN CO.		MAYFIELD			
	10197	10-40-00	SO4	05.00	05.42
MAYFIELD GRAIN HWY 94		WINGO			
	12099	08-22-28	Zn	01.30	01.31
	12103	08-22-28	Zn	01.30	01.31
MAYSLICK MILL		MAYSLICK			
	12180	37-00-00	Zn	03.84	04.84
MEIJER (GRAND)		GRAND RAPIDS			
	11906	03-04-03	WIN	01.90	01.84
MILES OWENSBORO		OWENSBORO			
	10226	12-40-00	SO4	05.00	05.10
MILES SHELBYVILLE		SHELBYVILLE			
	12388	00-10-30	B	01.00	01.58
	12017	35-00-00	SO4	09.50	11.85
MILWAUKEE METRO SEWERAGE DISTR		MILWAUKEE			
	11334	05-02-00	WIN	04.50	04.63
			Ca	01.20	02.04
			Fe	04.00	04.29
	12626	06-02-00	WIN	04.50	04.43
			Ca	01.20	01.89
			Fe	04.00	04.47
MOSAIC CROP NUTRITION, LLC		RIVERVIEW			
	10472	00-00-22	Mg	10.80	12.03
			SO4	22.00	22.97
	11125	00-00-22	Mg	11.00	11.45
			SO4	22.00	22.79
	10159	12-40-00	SO4	05.00	04.92
NA-CHURS/ALPINE SOLUTIONS		MARION			
	10905	10-20-05	Zn	00.10	00.15
NCA BIOTECH		CHINO			
	11972	01-00-01	B	00.20	00.59
			Mo	00.9000	00.9275

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
OCEAN CREST SEAFOODS, INC.		GLOUCESTER	MA		
	12493	02-04-01	WIN	00.50	00.34
PLANTABBS PRODUCTS		HUNT VALLEY	MD		
	12007	10-14-08	WIN	01.50	01.76
			B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.11	00.60
			Mn	00.12	00.18
			Mo	00.0006	00.0117
			Zn	00.07	00.04*
PLEASANT VIEW FARMS		AUBURN	KY		
	12329	07-18-35	B	00.31	00.25*
	12332	07-18-35	B	00.31	00.25*
	12334	07-18-35	B	00.29	00.27
	12330	07-20-32	B	00.25	00.22
	12331	07-20-32	B	00.25	00.24
	12335	08-21-28	B	00.88	00.78
POLSON FARM SUPPLY		KNOBLICK	KY		
	12292	25-15-15	Zn	00.27	00.25
	12293	25-15-15	Zn	00.27	00.35
	12294	25-15-15	Zn	00.27	00.32
	12295	25-15-15	Zn	00.27	00.30
PRO SOL		OZARK	AL		
	11603	10-52-08	B	00.02	00.02
			Cu	00.05	00.04
QUALITY BORATE COMPANY		CLEVELAND	OH		
	10502	00-00-00	B	10.00	09.00
ROD MC LELLAN COMPANY (MARYSVI		MARYSVILLE	OH		
	10836	03-04-05	WIN	03.00	03.33
			Ca	02.00	05.73
			SO4	01.00	01.91
ROD MCLELLAN COMPANY		INDEPENDENCE	OR		
	12426	04-02-03	WIN	04.00	03.59*
	11864	06-09-00	WIN	06.00	07.58
			Ca	07.00	09.27

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ROGERS FERTILIZER & SERVICES		LEBANON			
	10558	21-00-00	SO4	24.00	24.12
	12343	21-00-00	SO4	24.00	24.31
ROOTBLAST INTERNATIONAL INC		CANTON			
	11904	05-06-08	WIN	02.00	01.41*
			Ca	05.60	09.38
			Mg	01.90	05.20
			SO4	01.60	04.40
			B	00.02	00.02
			Cu	00.05	00.09
			Fe	02.10	03.13
			Mn	00.22	00.86
			Zn	00.39	01.66
SCOTTS MIRACLE-GRO PRODUCTS, I		MARYSVILLE			
	10012	03-04-03	WIN	03.00	02.84
			Ca	01.00	06.90
			Mg	00.50	00.94
			SO4	02.00	03.40
			Fe	00.10	00.23
	12006	06-09-00	WIN	06.00	06.52
			Ca	07.00	08.28
	11206	07-01-02	WIN	04.20	07.79
	11608	07-01-02	WIN	04.20	06.14
	11956	07-07-07	B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.10	00.11
			Mn	00.08	00.09
			Zn	00.05	00.05
	11217	08-07-06	Fe	00.10	00.10
	11859	12-04-08	Fe	00.10	00.12
SCOTTS SIERRA		MARYSVILLE			
	12399	15-08-11	Mg	01.45	01.30
			SO4	02.40	06.02
			B	00.02	00.03
			Fe	00.18	00.39
			Mn	00.05	00.07
			Mo	00.0014	00.0168
	12629	15-09-12	Mg	01.30	01.71
			SO4	05.90	06.66
			B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.46	00.55
			Mn	00.06	00.09
			Mo	00.0200	00.0227
			Zn	00.05	00.04

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SECURITY SEED & CHEMICAL INC (HOPKINSVILLE			
	12420	06-13-04	Cu	00.01	00.01
			Fe	00.01	00.22
			Mn	00.03	00.03
			Zn	00.04	00.06
SOUTHERN AGRICULTURAL INSECTIC		PALMETTO			
	12622	10-30-20	B	00.02	00.02
			Cu	00.05	00.06
			Fe	00.10	00.11
			Mn	00.05	00.05
			Mo	00.0005	00.0007
			Zn	00.05	00.05
SPECTRUM GROUP		ST. LOUIS			
	12004	10-10-10	Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.06
	11330	12-05-07	B	00.02	00.02
			Cu	00.05	00.07
			Fe	00.10	00.75
			Mn	00.05	00.06
			Mo	00.0005	00.0019
			Zn	00.50	00.15*
	11778	20-27-05	Fe	02.00	02.75
	11959	20-27-05	Fe	02.00	03.07
	11900	35-00-05	B	00.02	00.03
			Cu	00.05	00.10
			Fe	05.00	05.09
			Mn	00.05	00.18
			Mo	00.0005	00.0029
			Zn	00.05	00.25
SPEED AG SERVICE		HICKMAN			
	11628	11-09-23	SO4	08.96	09.58
			B	00.21	00.18
			Zn	00.52	00.49
	11629	11-09-23	SO4	08.96	09.78
			B	00.21	00.20
			Zn	00.52	00.53
	11630	11-09-23	Zn	00.52	00.42*
	11631	11-09-23	SO4	08.96	09.48
			B	00.21	00.19
			Zn	00.52	00.50
	11632	11-09-23	SO4	08.96	09.58
			B	00.21	00.20
			Zn	00.52	00.43*

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPEED AG SERVICE		HICKMAN			
	11636	11-18-24	SO4	04.80	05.74
	10599	21-00-00	SO4	24.00	23.94
	11638	21-00-00	SO4	24.00	23.87
SS (COLU) GREEN RVR SVC ADAIR		COLUMBIA			
	11560	06-17-33	Mg	01.34	01.73
			Zn	01.11	01.27
	11561	06-17-34	Mg	01.40	01.85
			Zn	01.16	01.30
SS (CYN) LEXINGTON COOP-CYN BR		CYNTHIANA			
	12154	06-17-24	Mg	03.17	02.90
			SO4	06.34	06.35
			B	00.03	00.03
			Zn	00.64	00.59
	12153	07-18-23	Mg	03.12	03.18
			SO4	06.25	07.04
			B	00.03	00.03
			Zn	00.61	00.65
	12152	32-05-12	B	00.02	00.02
			Zn	00.36	00.42
SS (ELIZ) HARDIN COOP, INC		ELIZABETHTOWN			
	10328	10-26-24	Zn	00.31	00.36
	10329	10-26-24	Zn	00.31	00.34
SS (EMIN) INC KNTCKANA SVC-HEN		EMINENCE			
	11021	05-13-42	B	00.05	00.05
	12234	27-12-14	Zn	00.07	00.06
	12235	27-12-14	Zn	00.07	00.06
	12236	27-12-14	Zn	00.07	00.07
	11599	37-04-06	Zn	00.08	00.07
SS (FLEM) FLEMINGSBURG		FLEMINGSBURG			
	12062	22-12-17	Mg	00.93	01.08
			SO4	01.87	02.72
			Zn	00.53	00.73
	12063	22-12-17	Mg	00.97	01.08
			SO4	01.93	02.72
	12064	22-12-17	Mg	00.96	01.16
			SO4	01.92	02.85
			Zn	00.52	00.63
	12065	22-12-17	Mg	00.94	00.81
			SO4	01.88	02.16
			Zn	00.52	00.64

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (FLEM) FLEMINGSBURG		FLEMINGSBURG	KY		
	12066	22-12-17	Mg	00.94	01.11
			SO4	01.88	02.68
			Zn	00.52	00.68
	12067	22-12-17	Mg	00.94	00.87
			SO4	01.88	02.22
			Zn	00.52	00.57
	12069	22-12-17	Mg	00.91	01.03
			SO4	01.81	02.54
			Zn	00.52	00.71
SS (GEOR) GEORGETOWN COOP		GEORGETOWN	KY		
	12650	00-00-57	B	00.73	00.63
	12651	16-00-27	Zn	01.32	01.40
	12035	40-00-00	Zn	04.45	04.73
	12042	40-00-00	Zn	04.45	05.84
SS (HARR) CNTRL KY SVC		HARRODSBURG	KY		
	12375	35-00-05	Zn	04.85	04.85
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE	KY		
	10160	04-16-17	SO4	01.66	02.57
	10161	04-16-17	SO4	01.66	02.33
	10162	04-17-18	SO4	01.76	02.45
	10237	06-28-24	Zn	00.13	00.14
	10238	06-28-24	Zn	00.13	00.15
	10239	06-28-24	Zn	00.13	00.14
	10371	06-28-24	Zn	00.08	00.08
	10373	06-28-24	Zn	00.08	00.08
	10374	06-28-24	Zn	00.08	00.08
SS (LAGR) KY SVC BR-LAGRANGE B		LAGRANGE	KY		
	12227	19-16-19	Zn	02.01	02.02
	12230	19-16-19	Zn	02.01	00.01*
	11035	22-16-16	Zn	00.68	00.88
SS (MAYS) MAYSVILLE COOP		MAYSVILLE	KY		
	11614	24-12-17	Zn	00.75	01.15
	12434	28-06-16	Mg	01.08	01.15
SS (OWEN) COOP OWENSBORO		OWENSBORO	KY		
	11734	09-22-29	B	00.03	00.03
			Zn	00.02	00.05
	11735	09-22-29	B	00.03	00.04
			Zn	00.02	00.02

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (OWEN) COOP OWENSBORO		OWENSBORO	KY		
	11853	09-22-29	B	00.03	00.03
			Zn	00.02	00.03
	11854	09-22-29	B	00.03	00.03
			Zn	00.02	00.06
	11731	11-18-23	SO4	04.80	05.27
			Zn	00.03	00.03
	11732	11-18-23	SO4	04.80	05.43
			Zn	00.03	00.03
	11733	11-18-23	SO4	04.80	05.41
			Zn	00.03	00.04
SS (OWEN) OWENTON COOP, INC		OWENTON	KY		
	12644	03-09-47	B	00.05	00.04
SS (RICH) COOP INC FERT DIV		RICHMOND	VA		
	10543	00-00-22	Mg	11.00	12.25
			SO4	22.00	22.87
	11059	00-00-22	Mg	11.00	11.39
			SO4	22.00	22.92
	11036	12-40-00	SO4	05.00	05.02
			Zn	01.00	01.11
	11915	18-24-12	Cu	00.18	00.08*
			Fe	00.20	00.70
			Mn	00.04	00.11
			Zn	00.04	00.12
	10664	21-00-00	SO4	24.00	24.05
	11119	21-00-00	SO4	24.00	24.08
	12070	21-00-00	SO4	24.00	24.00
	10883	34-00-00	SO4	10.00	11.67
	11423	34-00-00	SO4	10.00	10.46
	11455	34-00-00	SO4	10.00	09.55
	11534	34-00-00	SO4	10.00	09.94
	11535	34-00-00	SO4	10.00	09.96
	11806	34-00-00	SO4	10.00	11.37
	12002	34-00-00	SO4	10.00	10.25
	12013	34-00-00	SO4	10.00	10.83
	12439	34-00-00	SO4	10.00	10.75
SS (RUSS) COOP, INC.		RUSSELLVILLE	KY		
	10360	02-12-45	Cu	00.00	00.00
			Fe	00.00	00.46
			Mn	00.01	00.02
			Zn	00.01	00.01
	10357	06-28-27	Cu	00.00	00.00
			Fe	00.00	00.99
			Mn	00.03	00.04
			Zn	00.02	00.02

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (RUSS) COOP, INC.		RUSSELLVILLE	KY		
	10358	06-28-27	Cu	00.00	00.00
			Fe	00.00	01.03
			Mn	00.03	00.04
			Zn	00.02	00.03
	10359	06-28-27	Cu	00.00	00.00
			Fe	00.00	01.04
			Mn	00.03	00.04
			Zn	00.02	00.03
	10356	06-30-24	Cu	00.00	00.00
			Fe	00.00	01.09
			Mn	00.03	00.04
			Zn	00.03	00.03
SS (RUSS) RUSSELLVILLE COOP		RUSSELLVILLE	KY		
	11184	20-07-24	SO4	01.59	01.84
			Zn	00.36	00.37
	11182	20-08-23	SO4	01.78	02.02
			B	00.15	00.12
	11183	20-08-23	SO4	01.78	02.08
			B	00.15	00.13
	12076	28-23-00	SO4	03.28	03.77
SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE	KY		
	12217	13-13-08	Zn	00.11	00.08*
	12218	38-11-00	Zn	00.11	00.11
SS (SOME) SOMERSET COOP		SOMERSET	KY		
	11311	09-23-23	B	00.03	00.03
SS (SPRI) LEBANON-SPRINGFIELD		SPRINGFIELD	KY		
	12368	19-14-19	B	00.29	00.30
			Zn	01.26	01.43
	12366	21-11-12	Zn	00.03	00.03
SS (WINC) CLARK COOP		WINCHESTER	KY		
	12652	23-00-23	Zn	00.02	00.02
			B	00.01	00.01
SS (WINC) COOP, INC.		WINCHESTER	KY		
	11625	00-10-30	B	00.45	00.29*
STANLEY AG SERVICE LLC		OWENSBORO	KY		
	11129	21-00-00	SO4	24.00	23.99

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SUN BULB COMPANY, INC.		ARCADIA	FL		
	11221	20-14-13	Mg	01.00	01.14
			B	00.02	00.03
			Cu	00.05	00.05
			Fe	00.20	00.22
			Mn	00.05	00.06
			Mo	00.0005	00.0011
			Zn	00.05	00.05
	11521	20-14-13	Mg	01.00	01.25
			B	00.02	00.03
			Cu	00.05	00.05
			Fe	00.20	00.22
			Mn	00.05	00.11
			Mo	00.0005	00.0008
			Zn	00.05	00.05
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	11219	12-05-07	B	00.02	00.02
			Fe	00.20	00.68
			Mn	00.05	00.06
			Mo	00.0005	00.0008
			Zn	00.05	00.18
	11551	12-05-07	B	00.02	00.02
			Cu	00.05	00.06
			Fe	00.20	00.58
			Mn	00.05	00.05
			Mo	00.0005	00.0022
			Zn	00.05	00.10
	11856	12-05-07	B	00.02	00.02
			Cu	00.05	00.06
			Fe	00.20	00.67
			Mn	00.05	00.04
			Mo	00.0005	00.0008
			Zn	00.05	00.18
	11503	12-06-10	Mg	01.00	04.86
			SO4	09.00	06.75*
			B	00.02	00.03
			Cu	00.05	00.06
			Fe	01.00	01.63
			Mn	00.05	00.09
			Mo	00.0005	00.0009
			Zn	00.05	00.09
	11504	12-10-05	Mg	01.50	05.88
			SO4	05.00	05.83
			B	00.02	00.03
			Cu	00.05	00.06
			Fe	01.00	01.56
			Mn	00.05	00.05
			Mo	00.0005	00.0009
			Zn	00.05	00.16

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SWISS FARMS PRODUCTS, INC.		LAS VEGAS			
			NV		
	11216	15-30-15	B	00.02	00.02
			Cu	00.15	00.08*
			Mn	00.05	00.05
			Mo	00.0005	00.0008
			Zn	00.06	00.07
	11857	15-30-15	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.15	00.17
			Mn	00.05	00.06
			Mo	00.0005	00.0008
			Zn	00.06	00.06
	11978	15-30-15	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.20
			Mn	00.05	00.06
			Mo	00.0005	00.0011
			Zn	00.06	00.07
	11329	24-08-16	Zn	00.60	00.06*
TAYLOR, G.M. SEED CO.		GEORGETOWN			
			KY		
	12184	31-00-00	Zn	02.34	02.92
TENNESSEE FARMERS COOP		LAVERGNE			
			TN		
	11949	21-08-12	WIN	07.40	00.17*
			B	00.02	00.02
			Cu	00.05	00.08
			Fe	02.00	01.63*
			Mn	00.05	00.12
			Zn	00.05	00.14
TETRA MICRONUTRIENTS		THE WOODLANDS			
			TX		
	11611	00-00-00	B	15.00	14.15
	11681	00-00-00	B	15.00	15.58
	12038	00-00-00	B	15.00	14.72
TETRAFLORA PLANT PRODUCTS LTD		PORT COQUITLAM			
			BC		
	12566	01-03-06	Mg	01.11	00.91
			B	00.01	00.01
			Cu	00.00	00.00
			Mn	00.04	00.03*
			Mo	00.0004	00.0008
			Zn	00.02	00.02
THE ANDERSONS LAWN FERT DIV		MAUMEE			
			OH		
	12633	12-24-08	WIN	02.10	02.70
			SO4	04.10	07.21
			Fe	00.30	00.46
			Mn	00.50	00.73

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE ANDERSONS LAWN FERT DIV		MAUMEE			
			OH		
	12637	14-14-14	Cu	00.10	00.12
			Fe	01.00	01.50
			Mn	00.10	00.16
			Zn	00.10	00.19
	11417	20-00-20	WIN	07.25	07.05
			SO4	06.80	07.59
	12634	21-03-16	WIN	07.13	05.53*
			SO4	05.40	06.75
			Cu	00.10	00.11
			Fe	01.00	01.42
			Mn	00.10	00.17
			Zn	00.10	00.17
THE SCOTTS CO.		MARYSVILLE			
			OH		
	10474	11-02-02	WIN	10.00	10.78
			Ca	01.50	01.91
	12428	22-02-02	SO4	13.00	14.14
			Fe	05.75	06.06
	10098	22-02-14	SO4	10.00	11.72
	11432	28-01-04	SO4	12.00	12.60
	11976	32-00-04	SO4	07.00	08.25
			Fe	02.00	02.06
	10898	32-00-10	SO4	04.00	04.57
			Fe	02.00	02.37
TIGER-SUL PRODUCTS, LLC		ATMORE			
			AL		
	10240	00-00-00	S	80.00	87.35
	10372	00-00-00	S	90.00	90.51
	10663	00-00-00	S	90.00	91.19
	10958	00-00-00	S	90.00	91.70
	11124	00-00-00	S	80.00	88.70
	11609	00-00-00	S	80.00	87.18
	11610	00-00-00	S	80.00	87.58
U.S. BORAX INC.		BORON			
			CA		
	11635	00-00-00	B	14.30	15.14
	12162	00-00-00	B	14.30	14.93
VARIOUS REPORTING COMPANIES		LEXINGTON			
			KY		
	12565	03-02-04	Ca	01.00	01.62
			Mg	00.50	00.54
VOLUNTARY PURCHASING		BONHAM			
			TX		
	11863	00-00-00	SO4	11.00	13.50
			Fe	19.00	18.77

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
VOLUNTARY PURCHASING		BONHAM	TX		
	11868	00-00-00	Ca	10.00	08.93*
	11434	09-13-07	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	01.69
			Mn	00.05	00.07
			Zn	00.05	00.04
	12009	09-13-07	B	00.02	00.01*
			Cu	00.05	00.02*
			Fe	00.10	01.52
			Mn	00.05	00.06
			Zn	00.05	00.03*
WARNER FERT CO. (CAMP)		CAMPBELLSVILLE	KY		
	11011	08-08-19	Zn	00.48	00.46
	11741	10-25-25	B	00.24	00.21
WARNER FERT CO. (RUSS)		RUSSELL SPRINGS	KY		
	11873	08-20-30	B	00.61	00.59
	11876	08-20-30	B	00.61	00.53
	11877	08-20-30	B	00.61	00.55
	11879	08-20-30	B	00.61	00.58
WINFIELD SOLUTIONS LLC		ST. PAUL	MN		
	10871	23-00-07	Fe	02.00	02.16
	11322	28-00-04	Fe	02.00	01.84
	11436	28-00-04	Fe	02.00	03.02
WOLF TRAX		WINNIPEG	MB		
	10384	00-00-00	B	02.00	02.64
			Cu	01.00	01.56
			Fe	01.00	01.87
			Mn	18.00	20.17
WOODFORD FEED CO.		VERSAILLES	KY		
	12543	29-00-18	B	00.12	00.10
	12547	29-07-14	Zn	00.63	00.41*
	12544	33-00-14	B	00.16	00.19
	12542	39-00-06	Zn	00.80	00.90
YARA NORTH AMERICA		TAMPA	FL		
	11177	27-00-00	Ca	04.00	08.23
			Mg	01.00	00.38*

TABLE 3 COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30, 2012

3-D ORGANIC SOLUTIONS LLC 3450 NORTH STATE ST UNITS D/E UKIAH, CA 95482	A.H. HOFFMAN P.O. BOX 290 LANCASTER, NY 14086	ABR, LLC 1541 S BERETANIA ST, SUITE 360 HONOLULU, HI 96826
ACADIAN SEAPLANTS LIMITED 30 BROWN AVE DARTMOUTH, NS B3B 1X8	ACCESS BUSINESS GROUP, LLC 7575 FULTON RD. EAST ADA, MI 49355	ACE HARDWARE (OAK) P.O. BOX 4883 OAK BROOK, IL 46350
ADM FERTILIZER 701 4TH AVE., S. SUITE 800 MINNEAPOLIS, MN 55415-1633	ADVANCED MICROBIAL SOLUTIONS POB 519 PILOT POINT, TX 76258	ADVANCED NUTRIENTS #109-31063 WHEEL AVE ABBOTSFORD, BC V2T 6H1
ADVANCED 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 459 HARDINSBURG, KY 40143
AG DISTRIBUTORS, INC. P.O. BOX 90366 6615 ROBERTSON AVE NASHVILLE, TN 37209	AG PELLETS LLC 125 CORMAN LN STEPHENSPORT, KY 40170	AG/GRO FERTILIZER CO. (HILL ST.) 303 HILL ST. WINCHESTER, KY 40391
AG/GRO FERTILIZER CO. (PEND. ST.) PENDLETON ST. WINCHESTER, KY 40391	AGGRAND A DIV OF AMSOIL, INC. 925 TOWER AVE. SUPERIOR, WI 54880	AGRI-BUSINESS TECH, INC 1102 THIRD AVENUE ALBANY, GA 31707
AGRI-CHEM INC (RUSS) 333 WATERMELON RD RUSSELLVILLE, KY 42276	AGRI-CHEM, INC (BARD) 2351 HIGHWAY 51 N BARDWELL, KY 42023	AGRI-CHEM, INC. (HERN) 11825 LAFAYETTE RD. HERNDON, KY 42236
AGRI-CHEM, INC. (HOPK) P.O. BOX 31 1106 W 15TH STREET HOPKINSVILLE, KY 42240	AGRI-CHEM, INC. (PRIN) P.O. BOX 527 PRINCETON, KY 42445	AGRI-CHEM, INC. (TRENT) 393 PENCHAM RD. TRENTON, KY 42286
AGRI-GRO MARKETING HC 4 BOX 333 DONIPHAN, MO 63935	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	AGRINOS INC 820 S MAC ARTHUR BLVD #105-357 COPPELL, TX 75019
AGRIPORT TERMINAL 1127 PORT AUTHORITY RD. EDDYVILLE, KY 42038	AGRIUM ADVANCED (BRANTFORD) 10 CRAIG STREET BRANTFORD, ON N3R 7J1	AGRIUM ADVANCED TECH INC (MO) HIGHWAY 79 SOUTH LOUISIANA, MO 63353
AGRIUM ADVANCED TECH INC. (AL) 1425 EDWARDS ST. SYLACUGA, AL 35150	AGRIUM ADVANCED TECHNOLOGIES US INC LOVELAND, CO 80568	AGRIUM ADVANCED TECHNOLOGIES US INC 2405 W VASSAR RD REESE, MI 48757-9340
AGRIUM U.S. INC. (DENV) 4582 S. ULSTER ST., STE. 1700 DENVER, CO 80237	AGRO CULTURE LIQUID FERT. 3055 W M 21 ST. JOHNS, MI 48879	AGRO DISTRIBUTION, LLC C/O AGRILIANCE P.O. BOX 64089 ST. PAUL, MN 55164-0089
AGRO K CORPORATION 8030 MAIN ST., NE MINNEAPOLIS, MN 55432-1844	AGROTAIN INTERNATIONAL, LLC ONE ANGELICA STREET ST. LOUIS, MO 63147	AGXPLORE INT'L LLC POB 638 PARMA, MO 63870-0638
ALL PLANT LIQUID PLANT FOOD 804 ST RT 511 N ASHLAND, OH 44805	ALL STAR PRODUCTS GROUP LLC POB 3179 WALLINGFORD, CT 06494	ALLEN COUNTY FARMERS SERVICE 512 SMITHS GROVE RD. SCOTTSVILLE, KY 42164

TABLE 3 (Continued)

ALLEN COUNTY FEED & SEED, INC. POB 503 SCOTTSVILLE, KY 42164	ALLIED IMPORTS AND LOGISTICS INC 1162 SAMOA BLVD ARCATA, CA 95521	AMERICAN PLANT FOOD CORPORATION POB 584 GALENA PARK, TX 77547
AMEROPA NORTH AMERICA INC 2502 N. ROCKY POINT DR #160 TAMPA, FL 33607	AMTURF ENTERPRISES LLC PO BOX 905 CROWN POINT, IN 46307	AMY SERAFIN POB 261 BRANDENBURG, KY 40108
ANDERSON CO FARM SVC 145 HAWKINS LAWRENCEBURG, KY 40342	ANTLER KING TROPHY PRODUCTS INC N6243 NOBLE CT. BLACK RIVER FALLS, WI 54615	AQUA-AID INC 5484 OLD CARRIAGE RD ROCKY MOUNT, NC 27803
AQUEON 5401 W. OAKWOOD DR FRANKLIN, WI 53132	ARBORJET 99 BLUEBERRY HILL RD WOBURN, MA 01801	ARYSTA LIFE SCIENCE NORTH AMERICA 1450 BROADWAY, 7TH FLOOR NEW YORK, NY 10018
ASB GREENWORLD P.O. BOX 1728 VALDOSTA, GA 31603-1728	AZOMITE MINERAL PRODUCT (ADMIN) POB 21 NEPHI, UT 84648	AZOMITE MINERAL PRODUCTS INC 7406 NE 84TH TERRACE KANSAS CITY, MO 64157
B-G FERTILIZER LLC ATTN: AGRONOMY 1701 TOWANDA AVE BLOOMINGTON, IL 61701	B-G FERTILIZER LLC 5125 RIVER RD CINCINNATI, OH 45233	BAICOR, L.C. P.O. BOX 725 1895 N. 600 W. LOGAN, UT 84321
BALL DPF LLC 401 N WALNUT SHERMAN, TX 75090	BALLARD COUNTY COOPERATIVE PO BOX 329 LA CENTER, KY 42056	BANDANA AG INC. P.O. BOX 88 BANDANA, KY 42022
BARENBRUG USA INC POB 239 TANGENT, OR 97389	BASF CORPORATION 2301 WILROY RD SUFFOLK, VA 23434	BASF CORPORATION (ADMIN) 2371 WILROY RD SUFFOLK, VA 23434
BAYER ADVANCED LLC 31 INVERNESS CENTER PKWY STE. 425 BIRMINGHAM, AL 35242	BAYER ADVANCED, BU OF BCS LP P.O. BOX 12014 RESEARCH TRIANGLE PK, NC 27709	BAYER ENVIRONMENTAL SCIENCE PO BOX 12014 RESEARCH TRIANGLE PK, NC 27709
BCA PRODUCTS POB 429 SLEEPY EYE, MN 56085	BEATY FERTILIZER P.O. BOX 2516 CLEVELAND, TN 37320	BECKER-UNDERWOOD, INC. 801 DAYTON AVE. PO BOX 667 AMES, IA 50010
BECKETT CORPORATION 5931 W. CAMPUS CIRCLE DR IRVING, TX 75063	BENEFICIAL BIOLOGICALS 148 S G STREET ARCATA, CA 95521	BENEFICIAL REUSE MANAGEMENT 212 SUPERIOR STREET NO. 402 CHICAGO, IL
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
BIOZ AGRI PRODUCTS INC RR#1 S40 C17 OLIVER BC, CN V0H IT0	BLACK GOLD P. O. BOX 190 OXFORD, FL 34484	BLACK GOLD ENVIROSAFE INC POB 190 OXFORD, FL 34484
BLOOMFIELD FERTILIZER CHEM CO., INC 100 DEPOT STREET P.O. BOX 370 BLOOMFIELD, KY 40008-0370	BLUEGRASS SEED/FERT INC. 3345 BLOOMFIELD RD. BARDSTOWN, KY 40004	BONIDE PRODUCTS, INC. 6301 SUTLIFF ROAD ORISKANY, NY 13424
BONNIE PLANTS 1727 HWY 223 UNION SPRINGS, AL 36085	BOYD FARM CTR. 222 E. PRINCETON CROFTON, KY 42217	BRANDT CONSOLIDATED INC 2935 S KOKE MILL RD SPRINGFIELD, IL 62711

TABLE 3 (Continued)

BRIDGEWELL RESOURCES 12420 SE CARPENTER DR CLACKAMAS, OR 97015	BUCKEYE RESOURCES 3815 SPRINGFIELD XENIA RD SPRINGFIELD, OH 45506	BUNGE NORTH AMERICA INC 11720 BORMAN DR. ST. LOUIS, MO 63146
BUTTERFIELD FARMS P.O. BOX 184 EAU CLAIRE, PA 16030	C & F FARM SUPPLY, INC. P.O. BOX 98 HISEVILLE, KY 42152	C F INDUSTRIES 4 PARKWAY N, SUITE 400 DEERFIELD, IL 60015-2590
C GREEN, LLC PO BOX 612 BEREA, KY 40403	C. D. POORE FERTILIZER 708 BURKESVILLE RD. ALBANY, KY 42602	CAMERON CHEMICALS, INC. #5 BEECHWOOD COURT PORTSMOUTH, VA 23702-2313
CANEYVILLE MILLING CO POB 178 CANEYVILLE, KY 42721	CANNON PACKAGING COMPANY, INC POB 862 HUMBOLDT, TN 38343	CANTON MILLS, INC P.O. BOX 97 MINNESOTA CITY, MN 55959
CARGILL P.O. BOX 5606 MINNEAPOLIS, MN 55440	CAROLINA SOIL CO. P.O. BOX 1140 KINSTON, NC 28503	CARRIE CRAWFORD 5927 PAINT BANK RD. NEW CASTLE, VA 24127
CARSO, INC 404 S. VINE ST, POB 139 CAMARGO, IL 61919	CECILIA FARM SVC INC. P.O. BOX 7 CECILIA, KY 42724	CEN FARMERS SUP. OF GREEN 901 COLUMBIA HIGHWAY GREENSBURG, KY 42743
CENTRAL CROP CARE 1742 KY HWY 3244 CRAB ORCHARD, KY 40419	CENTRAL GARDEN & PET 5401 W. OAKWOOD PARK DR FRANKLIN, WI 53132	CENTRAL KENTUCKY CROP SERVICE 64 SAINT FRANCIS RD ST. FRANCIS, KY 40062
CENTRAL KY CROP SERVICE (ADMIN) POB 494 LEBANON, KY 40033	CGB FERTILIZER 5130 PORT ROAD JEFFERSONVILLE, IN 47130	CGB FERTILIZER (ADMIN) POB 1179 JEFFERSONVILLE, IN 47130
CHAMBERLAIN CONSULTING 791 QUEENS GATE WAY WADSWORTH, OH 44281	CHARLIE'S COMPOST LLC 1195 HWY 815 CALHOUN, KY 42327	CHATTA CREEK RESOURCES CLEVELAND, TN
CHEM ONE LTD 14140 WESTFAIR EAST DR. HOUSTON, TX 77041	CHEMSICO, DIV OF UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114	CHEROKEE NITROGEN 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243
CHRYSAL AMERICAS 3063 NW 107TH AVE MIAMI, FL 33172	CHS POB 64089 ST. PAUL, MN 55164-0089	CIBA-GEIGY CORP. P.O. BOX 18300 GREENSBORO, NC 27419
CLARKS GROCERY 6911 HWY. 779 ROCKHOLDS, KY 40759	CLEARY CHEMICAL CORPORATION 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	COASTAL SUPPLY COMPANY 1977 BAY RD. MILFORD, DE 19936	COFFEYVILLE RES. NITROGEN FERT ATTN: MICHAEL O'DONNELL 10 E. CAMBRIDGE CIR, STE 250 KANSAS CITY, KS 66103
COLLINGWOOD ETHANOL VALUE PRDTS ULC 330 BAY STREET SUITE 304 TORONTO, ON M5H 2S8	COMMUNITY FARM STORE, LLC 521 E. MAIN ST. SALEM, KY 42078	CONKLIN CO., INC. 551 VALLEY PARK DRIVE P.O. BOX 155 SHAKOPEE, MN 55379-0155
CONRAD FAFARD, INC. PO BOX 790 AGAWAM, MA 01001	CORBIN FARM & GARDEN CTR. P.O. BOX 1187 1205 MASTERS STREET CORBIN, KY 40701	CORE AGRI LLC POB 1027 ARROYO GRANDE, CA 93421

TABLE 3 (Continued)

CORE AGRI LLC POB 1027 ARROYO GRANDE, CA 93421	CP BIO INC 4802 MURRIETA ST CHINO, CA 91710	CROP PRODUCTION SVC (CADIZ) 5357 HOPKINSVILLE RD. CADIZ, KY 42211
CROP PRODUCTION SVC (ALL) 7645 ALLENSVILLE RD. ALLENSVILLE, KY 42204	CROP PRODUCTION SVC (BROWNS) PO BOX 169 BROWNS, IL 62818	CROP PRODUCTION SVC (CAMP) P.O. BOX 7 CAMPBELLSVILLE, KY 42719
CROP PRODUCTION SVC (CLA) 8381 SR 132-W CLAY, KY 42404-2167	CROP PRODUCTION SVC (CLAR) P.O. BOX 8 CLARKSON, KY 42726	CROP PRODUCTION SVC (CYN) 430 N MAIN STRET P. O. BOX 310 CYNTHIANA, KY 41031
CROP PRODUCTION SVC (EKR) P.O. BOX 10 EKRON, KY 40117	CROP PRODUCTION SVC (FANC) 10693 STATE RT. 121N FANCY FARM, KY 42039	CROP PRODUCTION SVC (FELTY) 230 E. FIRST ST PO BOX 186 BEAVER DAM, KY 42320
CROP PRODUCTION SVC (FRA) 2169 SPRINGFIELD RD. FRANKLIN, KY 42134	CROP PRODUCTION SVC (GLEN) P.O. BOX 155 GLENDALE, KY 42740	CROP PRODUCTION SVC (GUTH) 4050 GUTHRIE RD. GUTHRIE, KY 42234
CROP PRODUCTION SVC (HARD) 1266 BREWER HWY HARDIN, KY 42048	CROP PRODUCTION SVC (HEND) 641 U.S. HWY 41 SOUTH HENDERSON, KY 42420	CROP PRODUCTION SVC (HENDERSON) 1229 OUTER 5TH ST HENDERSON, KY 42420
CROP PRODUCTION SVC (HOD) P.O. BOX 147 HODGENVILLE, KY 42748	CROP PRODUCTION SVC (HOR) 6495 S. JACKSON HWY. HORSECAVE, KY 42749	CROP PRODUCTION SVC (KEVIL) POB 112 KEVIL, KY 42053-0112
CROP PRODUCTION SVC (LEB) P.O. BOX 493 LEBANON, KY 40033	CROP PRODUCTION SVC (MAD) P.O. BOX 506 MADISONVILLE, KY 42431	CROP PRODUCTION SVC (MOR) 4770 US HWY. 60 WEST MORGANFIELD, KY 42437
CROP PRODUCTION SVC (MUR) 1319 CROSS SPANN RD MURRAY, KY 42071	CROP PRODUCTION SVC (OBO) P.O. BOX 22879 OWENSBORO, KY 42304	CROP PRODUCTION SVC (OBORO) 1911 OLD CALHOUN RD HWY 81 OWENSBORO, KY 42301
CROP PRODUCTION SVC (OWBO) 9210 KY HWY 56 OWENSBORO, KY 42301	CROP PRODUCTION SVC (PEM) P.O. BOX 129 PEMBROKE, KY 42266	CROP PRODUCTION SVC (POOL) 95 BAKER AVE. PO BOX 110 POOLE, KY 42444
CROP PRODUCTION SVC (RIVERPORT) 2700 RINALDO RD OWENSBORO, KY 42301	CROP PRODUCTION SVC (RUS) P.O. BOX 777 RUSSELLVILLE, KY 42276	CROP PRODUCTION SVC (SAC) P.O. BOX 229 SACRAMENTO, KY 42372
CROP PRODUCTION SVC (SCHOC) 5240 HALL STORE RD. RUSSELLVILLE, KY 42276	CROP PRODUCTION SVC (SED) 1680 STATE RT 339E SEDALIA, KY 42079	CROP PRODUCTION SVC (SHEL) POB 488 SHELBYVILLE, KY 40066
CROP PRODUCTION SVC (SLA) P.O. BOX 38 SLAUGHTERS, KY 42456	CROP PRODUCTION SVC (UPT) P.O. BOX 108 UPTON, KY 42784	CROP PRODUCTION SVC (UTICA) 3425 HWY 140 W UTICA, KY 42376
CROP PRODUCTION SVC (WAV) 4630 US HWY. 60-E WAVERLY, KY 42462	CROP PRODUCTION SVC (WILSON) 800 RAILROAD ST WILSON, NC 27893	CROP PRODUCTION SVC INC P.O. BOX 1286 GREELEY, CO 80632
CROWN TECHNOLOGY, INC. 7513 E. 96TH ST. INDIANAPOLIS, IN 46256	CSI CHEMICAL CORPORATION POB 39 BONDURANT, IA 50035	CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN, KY 42729

TABLE 3 (Continued)

CX HYDROPONICS POB 8048 WANBROO WA, AU 6169	DABNEY FEED SUPP 6075 HWY 70 BRODHEAD, KY 40409	DASCO INCORPORATED 1880 WILLOW PKWY, SUITE 10 MONUMENT, CO 80132
DASCO, INC POB 1447 MONUMENT, CO 80132	DAVEY TREE EXPERT CO. 1500 N. MANTUA ST. P O BOX 5193 KENT, OH 44240	DAVEY TREE EXPERT CO. 6065 BRANCH HILL RD. MILFORD, OH 45150
DAVIS BROTHERS FARMS POB 487 CUNNINGHAM, KY 42035	DE BRUCE FERTILIZER INC 4100 MULBERRY DR POB 34621 KANSAS CITY, MO 64116	DELTA GROWERS ASSOCIATION PO BOX 249 CHARLESTON, MO 63834
DELTA G PO BOX 4812 GREENVILLE, MS 38704	DMF BAIT COMPANY 1130 SYLVERTIS RD WATERFORD, MI 48328	DOMESTIC FERTILIZER INC. 1750 SEVENTEENTH ST. PARIS, KY 40361
DP FOODS 401 N. WALNUT SHERMAN, TX 75090	DRAKES FARM SVC. POB 308 340 LOGANSPORT RD MORGANTOWN, KY 42261-0308	DRAMM CORPORATION 2000 N 18TH STREET P.O. BOX 1960 MANITOWOC, WI 54220
DREXEL CHEMICAL CO. P.O. BOX 13327 MEMPHIS, TN 38113-0327	DYBA-GRO 2775 GIANT RD RICHMOND, CA 94806	DYSART CORPORATION 60 ELM STREET CANAL WINCHESTER, OH 43110
E.B. STONE & SON, INC. P.O. BOX 550 SUISUN, CA 94585	EARTHWORKS 1500 UHLER RD. EASTON, PA 18040	EASY GARDNER P.O. BOX 21025 WACO, TX 76702-1025
EAU CLAIRE CO-OP OIL CO. PO BOX 837 EAU CLAIRE, WI 54702	ECOLOGICAL LABORATORIES INC 2525 NE 9TH AVE CAPE CORAL, FL 33909	ECOLOGICAL LABORATORIES INC (ADMIN) POB 184 MALVERNE, NY 11565
EIGHTY EIGHT FERTILIZER CO., INC. 242 NOBOB RD GLASGOW, KY 42141	EL DORADO CHEMICAL COMPANY 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243	EMERALD ISLE 2153 NEWPORT RD. ANN ARBOR, MI 48103
ENCAP, LLC 3921 ALGOMA ROAD GREEN BAY, WI 54311-9707	ENP INC POB 618 MENDOTA, IL 61342	ENVIRO-SAFE LABS, INC 1579 BARBER ROAD SARASOTA, FL 34240
ENVIROWISE LLC 601 GATEWAY CT BAKERSFIELD, CA 93307	ERM 9987 CARVER ROAD SUITE 240 CINCINNATI, OH 45242	ESPOMA CO. 6 ESPOMA RD. MILLVILLE, NJ 08332
EVERGREEN LIQUID PLANT 790 ST. CHARLES ST. W R.R. #1 BRESLAU, ON N0B 1M0	EVERRIS NA POB 3310 DUBLIN, OH 43016	EXCEL MARKETING INC 1340 TREAT BLVD WALNUT CREEK, CA 94597
FARMERS FERTILIZER CO. POB 51426 BOWLING GREEN, KY 42102	FARMERS FERTILIZER CO.(KELLY RD) 739 KELLEY RD. BOWLING GREEN, KY 42101	FARMERS FERTILIZER CO.(NASH. RD) 5619 OLD NASHVILLE RD. LOOP 2 BOWLING GREEN, KY 42101
FARMERS 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	FBSCIENCES INC 153 N MAIN SUITE 100 COLLIERVILLE, TN 38017	FERRY-MORSE SEED COMPANY POB 1620 FULTON, KY 42041

TABLE 3 (Continued)

FERTIGATION PRODUCTS & SVC, INC 114 GLADIATOR ROAD DOUGLAS, GA 31533	FERTRELL P.O. BOX 265 BAINBRIDGE, PA 17502	FLEMING CO FARM SUPP. 1724 MAYSVILLE ROAD FLEMINGSBURG, KY 41041
FLORATINE BIOSCIENCES INC 153 N. MAIN, SUITE 100 COLLIERVILLE, TN 38017	FLORATINE PRODUCTS GROUP 355 E SOUTH ST COLLIERVILLE, TN 38017	FLORATINE PRODUCTS GROUP 144 MID-SOUTH CV COLLIERVILLE, TN 38017
FLORIKAN E.S.A. CORPORATION 1579 BARBER RD. SARASOTA, FL 34240-9391	FLORISTS TRANSWORLD DELIVERY 3113 WOODCREEK DRIVE DOWNERS GROVE, IL 60515	FOLI ORGANIC NUTRIENTS 3525 SR 32 WEST WESTFIELD, IN 46074
FOXFARM SOIL & FERTILIZER COMPANY POB 787 ARCATA, CA 93518	FRANK HINTON & SON P.O. BOX 10 PLUMMERS LANDING, KY 41081	FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE, OH 43537
FREEPORT-MCMORAN SIERRITA INC 6200 W. DUVAL MINE RD GREEN VALLEY, AZ 85614	FRESH START GROWERS 1007 E JEFFERSON ST LOUISVILLE, KY 40206	FRICK SERVICES INC 3154 W DEPOT ST WAWAKA, IN 46749
FRIT INDUSTRIES P.O. BOX 1589 OZARK, AL 36361	GARDEN PRO COMPANY 2764 OLD LEXINGTON RD CAVE CITY, KY 42127	GARICK 13600 BROADWAY AVENUE CLEVELAND, OH 44125
GAVILON FERTILIZER INC 3860 N. MAIN STREET, SUITE A E. PEORIA, IL 61611	GAVILON FERTILIZER INC 5 SKIDAWAY VILLAGE WALK SAVANNAH, GA 31411	GENERAL HYDROPONICS PO BOX 1576 SEBASTOPOL, CA 95473
GOOD EARTH HORTICULTURE, INC P.O. BOX 266 LANCASTER, NY 14086	GORILLA PLANT FOOD 8705 HARRIS RD PADUCAH, KY 42001	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
GREEN SCIENCE TECHNOLOGY 4598 HIGHWAY H SILEX, MO 63377	GREEN TECHNOLOGIES LLC POB 35790 GAINESVILLE, FL 32635-7905	GREENLEAF PLANT FOOD P.O. BOX 113 410 VAKSDAHL AVENUE DANVILLE, KY 40423
GREENLEAF PRODUCTS 38190 HWY 27 DAVENPORT, FL 33837	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	GROW MORE INC 15600 NEW CENTURY DRIVE GARDENA, CA 90248	GROWER'S SECRET 1541 S BERETANIA ST, SUITE 306 HONOLULU, HI 96826
GROWERS CHEMICAL CORP. 321-329 HURON STREET P.O. BOX 1750 MILAN, OH 44846	GROWMARK INC. 1701 TOWANDA AVE. BLOOMINGTON, IL 61702	GUSTAFSON LLC 1400 PRESTON ROAD STE 400 PLANO, TX 75093

TABLE 3 (Continued)

HAIFA NORTH AMERICA INC 307 CRANES ROOST BLVD #2030 ALAMONTE SPRINGS, FL 32701	HAIFA NUTRITECH, INC. 307 CRANES ROOST BLVD #2030 ALAMONTE SPRINGS, FL 32701	HANCOCK COUNTY FARM P.O. BOX 95 HAWESVILLE, KY 42348
HARRELL'S PO BOX 807 LAKELAND, FL 33802	HARRELL'S INC P.O. BOX 807 LAKELAND, FL 33815	HARSCO MINERALS 357 NORTH PIKE RD SARVER, PA 16055
HELENA CHEMICAL 120 SETTLE RD. INMAN, SC 29349-7501	HELENA CHEMICAL PO BOX 366 SPRINGFIELD, KY 40069	HELENA CHEMICAL (MURR) 2878 WISWELL RD MURRAY, KY 42071
HELENA CHEMICAL CO. 3500 ST RT 1099 HICKMAN, KY 42050	HELENA CHEMICAL CO. 2301 EBACH STREET OWENSBORO, KY 42303	HELENA CHEMICAL COMPANY (COL) 225 SCHILLING BLVD. SUITE 300 COLLIERVILLE, TN 38017
HELM FERTILIZER 10150 HIGHLAND MANOR DR SUITE 230 TAMPA, FL 33610	HELM FERTILIZER CORP (ADMN OFFICES) 4042 PARK OAKS BLVD, SUITE 330 TAMPA, FL 33610	HENRY FARMERS COOP 4075 HWY 641 S MURRAY, KY 42071
HENRY FARMERS COOP P.O. BOX 1058 PARIS, TN 38242	HIDDEN CREATIONS 1000 LINCOLN ROAD SUITE H, #123 YUBA CITY, CA 95991	HOLLAND BEAUTY CORP 8480 N. 87TH ST. MILWAKEE, WI 53224
HOMEGROWN HYDROPONICS INC 26 METEOR DRIVE TORONTO, ON M9W 1A4	HONEYWELL P.O. BOX 1559 HOPEWELL, VA 23860	HOWARD JOHNSONS ENT., INC. 700 W. VIRGINIA ST. STE. 222 MILWAUKEE, WI 53204
HUGH SIMS 438 THIRD STREET NEW HAVEN, KY 40051	HUMBOLDT NUTRIENTS 6 FIFTH STREET EUREKA, CA 95501	HYDROLYSATE COMPANY OF AMERICA, LLC P.O. BOX 271 ISOLA, MS 38754
HYPERFORMER PRODUCTS 7664 SMYTHE FARM RD MEMPHIS, TN 38120	HYPONEX CORP. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041	HYSINGER FARM 1375 ROSE HILL RD MT VERNON, KY 40456
ICEC 10001 WOODLOCH FOREST DR SUITE 400 THE WOODLANDS, TX 77380	ICL PREMIUM FERTILIZERS NA 95 MAC CORKLE AVE SOUTH CHARLESTON, WV 25303	ICL PREMIUM FERTILIZERS NA 622 EMERSON RD ST. LOUIS, MO 63141
IMPROCROP 3031 CATNIP HILL PIKE NICHOLASVILLE, KY 40356	INFINITY FERTILIZERS INC POB 1158 MILAN, IL 61264	INSTA-GRO MANUFACTURING, INC. 8217 LINN HIPSHER RD. CALEDONIA, OH 43314
INTERNATIONAL CHEMICAL 1887 E 71ST STREET TULSA, OK 74136	J. R. PETERS 6656 GRANT WAY ALLENTOWN, PA 18106	J.R. SIMPLOT COMPANY (BOI) P.O. BOX 27 BOISE, ID 83707
JANES FERTILIZER & FARM SUPPLY 4540 EDMONTON RD. COLUMBIA, KY 42728	JIFFY OF THE AMERICAS 601 STEPHEN BEALE DR FULTON, KY 42041-1620	JON CARLOFTIS 155 CHENAULT RD LEXINGTON, KY 40502
JONATHAN GREEN & SONS P.O. BOX 326 FARMINGDALE, NJ 07727	JRM CHEMICAL 4881 NEO PKWY. CLEVELAND, OH 44128	JUNGLE GROWTH 1771 BROAD ST STATHAM, GA 30666
KEES FARM SVC . P.O. BOX 901 GRAYSON, KY 41143	KEG RIVER CHEMICAL CORP 10350 21 ST EDMONTON, AB T6P 1W4	KELLY REGISTRATION SYSTEMS 10115 HWY 142, N COVINGTON, GA 30014

TABLE 3 (Continued)

KENS VALUE CTR. 5529 KY HWY. 1054 SOUTH BERRY, KY 41003-8620	KENT MARINE 9675 S. 60TH STREET FRANKLIN, WI 53132	KENTUCKY EARTHWORM CASTINGS 371 THOMPSON RD LEXINGTON, KY 40508
KENTUCKY EARTHWORM CASTINGS (ADMIN) 351 PATCHEN DRIVE LEXINGTON, KY 40517	KENTUCKY FERTILIZER LLC 1402 W MAIN ST LOUISVILLE, KY 40203	KEYPLEX POB 2515 WINTER PARK, FL 32790
KNOX FERTILIZER CO., INC. P.O.BOX 248 W. CULVER ROAD KNOX, IN 46534	KOCH AGRONOMIC SERVICES LLC 4111 E 37TH STREET NORTH WICHITA, KS 67220	KOCH AGRONOMIC SERVICES LLC (ADMN) POB 2900 WICHITA, KS 67201-2900
KOCH FERTILIZER TRADING SARL POB 2219 WICHITA, KS 67201	KOCH FERTILIZER TRADING SARL (ADMN) POB 2900 WICHITA, KS 67201-2900	KOCH NITROGEN COMPANY LLC POB 2219 WICHITA, KS 67201
KOCH NITROGEN COMPANY, LLC (ADMIN) P.O. BOX 2900 WICHITA, KS 67201-2900	KOCH NITROGEN INT'L SARL P.O. BOX 2900 WICHITA, KS 67201-2900	KRESTI A. LYDDON, CONSULTING 9980-230 S+N SCANDEA, MN 55273
LAKE CUMBERLAND CO-OP 469 W HIGHWAY 90 BY-PASS MONTICELLO, KY 42633	LAMINATIONS, INC. 1300 MEYLERT AVE SCRANTON, PA 18509	LANDIS INTERNATIONAL INC POB 5126 VALDOSTA, GA 31603-5126
LAWN AND GARDEN PRODUCTS, INC P O BOX 35000 FRESNO, CA 93745	LAWN CURE OF SOUTH. IN POB 558 5000 PROGRESS WAY SELLERSBURG, IN 47172	LEBANON SEABOARD CORP 1600 E. CUMBERLAND ST. LEBANON, PA 17042
LESCO INC. 1385 EAST 36TH STREET CLEVELAND, OH 44114-4114	LIDOCHEM INC 20 VILLAGE COURT HAZLET, NJ 07730	LILLY MILLER BRANDS P.O. BOX 2289 CLACKAMAS, OR 97015
LILLY MILLER BRANDS 15750 N LOMBARD ST, STE 200 PORTLAND, OR 97203	LILLY MILLER BRANDS 1340 TREAT BLVD, STE 650 WALNUT CREEK, CA 94597	LILLY MILLER BRANDS (ATL) 2030 POWERS FERRY RD SUITE 370 ATLANTA, GA 30339
LOUISVILLE & JEFFERSON COUNTY MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211	LOUISVILLE & JEFFERSON CTY MSD P.O. BOX 740011 LOUISVILLE, KY 40201	LOVELAND PRODUCTS, INC. P.O. BOX 1286 GREELEY, CO 80632
MACON TROUSDALE FARMERS 905 SCOTTSVILLE RD. LAFAYETTE, TN 37083	MAGESTIC EARTH POB 790 AGAWAM, MA 01001	MARS FISHCARE NORTH AMERICA INC PO BOX 218 CHALFONT, PA 18914
MARS PLANTCARE 20425 SENECA MEADOWS PARKWAY GERMANTOWN, MD 20876	MARSHALL COUNTY SOIL P.O. BOX 230 501 POPLAR BENTON, KY 42025	MARTIN MARIETTA 8140 CORPORATE DR SUITE 220 BALTIMORE, MD 21236
MARTIN MARIETTA 1800 E. LAKE ROAD MANISTEE, MI 49660	MARTIN OPERATING PARTNERSHIP LP POB 191 KILGORE, TX 75663-0191	MARTIN RESOURCES (IL) 580 E SHIPYARD RD POB 1110 SENECA, IL 61360
MASTER NURSERY 2151 SALVIO ST SUITE 255 CONCORD, CA 94520	MASTERBLEND INTERNATIONAL LLC 4673 WEITZ RD MORRIS, IL 60450	MATHIS FARM SUPP. 5799 SHAW RD. MELBER, KY 42069
MAUGET, J.J. CO., INC. 5435 PECK RD. ARCADIA, CA 91006-5847	MAYFIELD GRAIN CO. 313 N 9TH ST. MAYFIELD, KY 42066	MAYFIELD GRAIN HWY 94 2559 STATE RT 94W WINGO, KY 42088

TABLE 3 (Continued)

MAYSLICK MILL 6538 US 68 MAYSLICK, KY 41055	MEARS FERTILIZER INC POB 1271 EL DORADO, KS 67042	MEIJER (GRAND) 2929 WALKER NW GRAND RAPIDS, MI 49544
MFS ALLIANCE INC P.O. BOX 179 EDMONTON, KY 42129	MGS HORTICULTURAL 50 HAZELTON LEAMINGTON, ON N8H 3W1	MICHIGAN BULB CO. AND AFFILIATES 110 W ELM STREET TIPP CITY, OH 45371-1655
MICHIGAN PEAT CO. P.O. BOX 980129 HOUSTON, TX 77098-0129	MID STATES AG SALES LLC POB 3003 LAVERGNE, TN 37086-1983	MIDWEST AGRI-CHEMICO INC. P.O. BOX 1717 4868 NASH CAPE GIRARDEAU, MO 63702
MILES OWENSBORO P.O. BOX 22879 OWENSBORO, KY 42301	MILES SHELBYVILLE P.O. BOX 488 SHELBYVILLE, KY 40066	MILLER CHEMICAL & FERT. P.O. BOX 333 RADIO ROAD HANOVER, PA 17331
MILWAUKEE METRO SEWERAGE DISTRICT P.O. BOX 3049 MILWAUKEE, WI 53201-3049	MINERAL PROCESSING 1855 CH 99 CAREY, OH 43316-3049	MINERAL VISIONS INC 11833 RAVENNA RD CHARDON, OH 44024
MINERAL VISIONS INC POB 177 WEDRON, IL 60557	MIRACLE GRO LAWN PRODUCTS 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041	MISSISSIPPI PHOSPHATES CORP P.O. BOX 848 PASCAGOULA, MS 39568-0848
MISSISSIPPI VALLEY AG 5217 GUTHRIE HWY CLARKSVILLE, TN 37040	MITCHELL PRODUCTS 1205 W MAIN ST MILLVILLE, NJ 08332	MONTEREY AGRESOURCES POB 35000 FRESNO, CA 93745
MONTGOMERY CO-OP STATELINE 6002 5149 GUTHRIE HWY CLARKSVILLE, TN 37040-5426	MONTY'S PLANT FOOD 4800 STRAWBERRY LN LOUISVILLE, KY 40209	MORRAL CO. 132 POSTLE ST. P O BOX 26 MORRAL, OH 43337
MOSAIC CROP NUTRITION, LLC 8813 HWY 41 S RIVERVIEW, FL 33569	MPT MUSTARD PRODUCTS & TECHNOLOGIES 101-111 RESEARCH DR SASKATOON, SK S7N 3R2	NA-CHURS/ALPINE SOLUTIONS 421 LEADER ST. MARION, OH 43302-9989
NCA BIOTECH 4802 MURRIETA ST CHINO, CA 91710	NEW EEZY GRO INC 218 TOLEDO ST CAREY, OH 43316	NEW PLANT LIFE 345 E. HUPP ROAD LA PORTE, IN 46350
NORTH COUNTRY ORGANICS PO BOX 372 BRADFORD, VT 05033	NOVOZYMES BIOLOGICALS, INC 5400 CORPORATE CIRCLE SALEM, VA 24153	NULEX, INC 1919 GRAND AVE. SIOUX CITY, IA 51106
NUTRA-FLO CO 1919 GRAND AVE. SIOUX CITY, IA 51107	NUTRECOLOGY, INC 19500 HWY 249, SUITE 245 HOUSTON, TX 77070	NUTRIENTS PLUS LLC 1209 EGRET PT VIRGINIA BEACH, VA 23454
NUTRIFIELD PTY LTD POB 2103 PRESTON VICTORIA, AU 3072	OAKLEY FERTILIZER INC POB 935 312 S. FIR STREET BEEBE, AR 72012	OBION GRAIN COMPANY INC BOX 119 OBION, TN 38240
OCEAN CREST SEAFOODS, INC. 88 COMMERCIAL ST. GLOUCESTER, MA 01930	OCEAN GROWN INC 7452-C COMMERCIAL CIRCLE FT PIERCE, FL 34951	OCEAN ORGANICS POB 1448 WALDOBORO, ME 04572
OCEAN ORGANICS (ADMIN) 2153 NEWPORT RD ANN ARBOR, MI 48103	OLDCASTLE (SAUGET) 1 RIVERVIEW AVENUE SAUGET, IL 62201	OLDCASTLE LAWN & GARDEN PO BOX 501418 ATLANTA, GA 31150

TABLE 3 (Continued)

OLDCASTLE LAWN & GARDEN 500 S FLORIDA AVE, SUITE 240 LAKELAND, FL 33801	OLDCASTLE RETAIL (ATLANTA) 375 NORTHRIDGE RD., SUITE 250 ATLANTA, GA 30350	OLDFIELD, J.A. & SON US HWY 460 WEST MIZE, KY 41352
ORGANIC LABORATORIES INC 2963 SE DOMINICA TERRACE STUART, FL 34997	OSTARA NUTRIENTS USA INC 690-1199 WEST PENDER ST VANCOUVER, BC V6E 2R1	OTIS BRYANT & SON P.O. BOX 148 CANEVILLE, KY 42721
OVERTON FARMERS CO-OP 1500 WEST MAIN ST LIVINGSTON, TN 38570	PADUCAH-MCCRACKEN RVRPORT AUTHORITY 125 LOCUST DR. PO BOX 2302 PADUCAH, KY 42002	PARRISH SHOP/SALES 8834 LARUE RD. HENDERSON, KY 42420
PBI GORDON CORP 1217 W 12TH ST PO BOX 014090 KANSAS CITY, MO 64101	PCS SALES (USA), INC. 1101 SKOKIE BLVD SUITE 400 NORTHBROOK, IL 60062	PENNINGTON SEED INC P.O. BOX 338 HWY 160 GREENFIELD, MO 65661
PENNINGTON SEED INC. P.O. BOX 290 MADISON, GA 30650	PENNYRILE AG OIL INC. 2260 PRINCETON RD. HOPKINSVILLE, KY 42240	PERDUE AGRI RECYCLE 28338 ENVIOR WAY SEAFORD, DE 19973
PHASE II INC POB 185 15750 S 680 W REMINGTON, IN 47944	PHELPS DODGE CORPORATION ONE NORTH CENTRAL AVE. PHOENIX, AZ 85004	PHOSYN PLC MANOR PLACE, WELLINGTON RD THE INDUSTRIAL ESTATE, POCK. YORK, UK YO42 IDN
PINNACLE ORGANIC PRO PLANT FOOD 401 N WALNUT ST SHERMAN, TX 75091	PIONEER SOUTHERN P O BOX 266 LANCASTER, NY 14086	PLANT HEALTH CARE INC 285 KAPPA DRIVE, SUITE 100 PITTSBURGH, PA 15238
PLANT PRODUCTS CO, LTD 314 ORENDA RD. BRAMPTON, ON L6T 1G1	PLANT RESEARCH SERVICES LLP 2255 141ST LANE NE NO TONNGE REPORTS DUE HAM LAKE, MN 55304	PLANT SCIENCE INC 2934 VANDORF SIDE ROAD GORMLEY, ON L0H 1G0
PLANTABBS PRODUCTS P.O. BOX 165 HUNT VALLEY, MD 21030	PLANTATION PRODUCTS LLC 202 SOUTH WASHINGTON ST NORTON, MA 02766	PLEASANT VIEW FARMS 446 SOUTH UNION ROAD AUBURN, KY 42206
PMI INTERNATIONAL LLC POB 19798 BRENTWOOD, MO 63144	PMI NUTRITION INTERNATIONAL (ADM) POB 64281 ST. PAUL, MN 55164-0281	POLSON FARM SUPPLY 8202 SULPHUR WELL- KNOBLICK RD. KNOBLICK, KY 42154
PQ CORP. P.O. BOX 840 VALLEY FORGE, PA 19482	PRATHER WORM CASTINGS 582 GOODLET ROAD SALVISA, KY 40372	PRECISION LABORATORIES 1429 S SHIELDS DR WAUKEGAN, IL 60085
PREMIER HORTICULTURE, INC. 127 S 5TH ST., STE. 300 QUAKERTOWN, PA 18951	PREMIER TECH BIOTECHNOLOGIES 1 AVENUE PREMIER REVIERE-DU-LOUP, QC G5R 6C1	PREMIUM WOOD AND GARDEN PRODUCTS 345 E MAIN STREET STE. H JACKSON, OH 45640
PRESTIGE MARKETING LTD 815 BROWN ROAD ORION, MI 48359	PRINZO, J.C. CONSULTING 65 WINTERBERRY DR. WOMELSDORF, PA 19567-7015	PRO SOL P.O. BOX 1589 OZARK, AL 36361
PROGRESSIVE TURF LLC 401 N WALNUT ST SHERMAN, TX 75090	PROVEN WINNERS NORTH AMERICA LLC 45 NORTH FIRST ST, SUITE B CAMPBELL, CA 95008	PRYOR CHEMICAL COMPANY 4463 HUNT ST PRYOR, OK 74361
PRYOR CHEMICAL COMPANY (ADMIN) 1309 RIDGE RD, SUITE 315 ROCKWELL, TX 75087	QUALITY BORATE COMPANY 3690 ORANGE PLACE STE 495 CLEVELAND, OH 44122	R3 AG CONSULTING LLC 1629 POLLASKY #111 CLOVIS, CA 93612

TABLE 3 (Continued)

RAGAN & MASSEY INC 100 PONCHATOU LA PARKWAY PONCHATOU LA, LA 70454	RAINBOW TREECARE 2239 EDGEWOOD AVENUE MINNEAPOLIS, MN 55426	RAINTREE SVC OF W KY P.O. BOX 51634 BOWLING GREEN, KY 42102
RAINTREE SVC OF W KY DBA CHEMLAWN 633 N. 6TH ST. PADUCAH, KY 42001	REDOX CHEMICALS LLC 130 S 100 W BURLEY, ID 83318	REFORESTATION TECHNOLOGIES 1341 DAYTIN ST UNIT G SALINAS, CA 93901
REGAL CHEMICAL CO. 600 BRANCH DR. ALPHARETTA, GA 30009	REGENERATED RESOURCES LLC PO BOX 561 PARIS, AR 01701	REGISTRATIONS BY DESIGN POB 1019 SALEM, VA 24153
RESIDEX, LLC 46495 HUMBOLDT DR NOVI, MI 48377-2446	RESTORA-LIFE MINERALS INC 2140 SCR 97 BAY SPRINGS, MS 39422	RHINO SEED & TURF SUPPLY POB 86 1093 129TH AVENUE BRADLEY, MI 49311
RICHLAWN TURF FOOD LLC 15121 COUNTY RD 32 PLATTEVILLE, CO 80651	RIO TINTO MINERALS 8051 E MAPLEWOOD AVE. GREENWOOD VILLAGE, CO 80111	RIPS FARM CENTER PO BOX 176 TOLLESBORO, KY 41189
RIVER AG OF ILLINOIS INC. P.O. BOX 629 METROPOLIS, IL 62960	RIVER BEND AG LLC P.O. BOX 126 NEW MADRID, MO 63869	ROBERT WARREN 2301 LAKE TAHOE BLVD SUITE 4 SOUTH LAKE TAHOE, CA 96150
ROCKY MOUNTAIN BIO PRODUCTS 10801 E 54TH AVE DIV OF BOWMAN CONST DENVER, CO 80239 ROGERS FERTILIZER & SERVICES 836 W MAIN ST. LEBANON, KY 40033	ROD MC LELLAN COMPANY (MARYSVILLE) 14111 SCOTTS LAWN RD MARYSVILLE, OH 40341 ROLF C HAGEN (USA) CORP 305 FORBES BLVD MANSFIELD, MA 02048	ROD MCLELLAN COMPANY POB 70 INDEPENDENCE, OR 97351 ROOTBLAST INTERNATIONAL INC P.O. BOX 20109 CANTON, OH 44707
ROSEN'S INC 1120 LAKE AVE POB 933 FAIRMONT, MN 56031-0933	ROSEN'S INC (ADMIN) 700 SW 291 HWY SUITE 204 LIBERTY, MO 64068	ROTEM BKC LLC (CREVE) 822 EMERSON RD. SUITE 500 CREVE COEUR, MO 63141
ROTEM BKG LLC 95 MCCORKLE AVENUE SOUTH CHARLESTON, WV 25303	S. J. ENTERPRISES 2/94 BROWN TCE SALISBURY (AUSTRALI, SA 5108	SANCO INDUSTRIES INC POB 11617 FT WAYNE, IN 46859
SANDERS (RUSSELLVILLE) 95 UTILITY DRIVE RUSSELLVILLE, KY 42276	SCHAFFER FISHERIES INC 2112 SANDRIDGE RD THOMSON, IL 61285	SCHULTZ CO. 13260 CORP. EXCHANGE DR. PO BOX 4406 BRIDGETON, MO 63044
SCOTTS MIRACLE-GRO PRODUCTS, INC 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041	SCOTTS SIERRA 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041	SEACHEM LABORATORIES 1000 SEACHEM DR. MADISON, GA 30650
SECURITY SEED & CHEMICAL INC (CLA) 5217 GUTHRIE HWY CLARKSVILLE, TN 37040	SECURITY SEED & CHEMICAL INC (ELIZ) 505 ASSEMBLY LANE, SUITE 126 ELIZABETHTOWN, KY 42701	SECURITY SEED & CHEMICAL INC (HOP) 3530 EAGLE WAY BYPASS HOPKINSVILLE, KY 42240
SECURITY SEED & CHEMICAL INC (MOR) 3856 US HWY 60 E MORGANFIELD, KY 42437	SECURITY SEED & CHEMICAL INC (MUR) 795 BUTTERWORTH ROAD MURRAY, KY 42071	SECURITY SEED & CHEMICAL INC (RUSS) 3256 CLARKSVILLE RD RUSSELLVILLE, KY 42276
SECURITY SEED & CHEMICAL INC (SAL) 831 ROLA RD SALEM, KY 42078	SECURITY SEED & CHEMICAL INC (SLA) 3110 JEWELL CITY RD SLAUGHTERS, KY 42456	SEVENTY FEEDS LLC 1647 E HWY 70 EUBANK, KY 42567

TABLE 3 (Continued)

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 INC 818 S US RT 42 LEBANON, OH 40539
SPECTRUM GROUP POB 142642 ST. LOUIS, MO 63114-0642	SPEED AG SERVICE 345 ST. RT. 166W HICKMAN, KY 42050	SPEEDLING P.O. BOX 307 BUSHNELL, FL 33513
SPRA-GREEN LAWN FERTILIZER LLC POB 845 PORTALES, NM 88130	SQM NORTH AMERICA 4101 TOWERCREEK PKWY. STE. 450 ATLANTA, GA 30339	SS (BOWL) BOWLING GREEN COOP 640 PLUM SPRINGS LOOP BOWLING GREEN, KY 42101
SS (BRIS) COOP INC. 136 ALEXIS DR. BRISTOL, VA 24201	SS (CADI) CADIZ BR 2829 HOPKINSVILLE RD. CADIZ, KY 42211	SS (CALH) CALHOUN 1432 KY 136-E CALHOUN, KY 42327
SS (CAMP) CAMPBELLSVILLE 1720 E. BROADWAY CAMPBELLSVILLE, KY 42718	SS (CARL) OWINGS SVC-CARLISLE BR 102 DORSEY AVE. CARLISLE, KY 40311	SS (CLAY) 205 E. RAILROAD ST. PO BOX 175 CLAY, KY 42404
SS (COLU) GREEN RVR SVC ADAIR 210 MERCHANT ST. COLUMBIA, KY 42728	SS (CYN) LEXINGTON COOP-CYN BRANCH 122 RAILROAD AVENUE PO BOX 337 CYNTHIANA, KY 41031	SS (ELIZ) HARDIN COOP, INC 402 S. MULBERRY ST. ELIZABETHTOWN, KY 42701
SS (ELKT) RUSS.-TODD BRANCH P.O. BOX 278 606 W MAIN STREET ELKTON, KY 42220	SS (EMIN) INC KNTCKANA SVC-HENRY BR 760 ELM ST. EMINENCE, KY 40019-9801	SS (FLEM) FLEMINGSBURG 658 WEST WATER PO BOX 167 FLEMINGSBURG, KY 41041
SS (FRAN) SIMPSON COOP 301 FINN ST. PO BOX 528 FRANKLIN, KY 42134	SS (GEOR) GEORGETOWN COOP 1141 PARIS RD. GEORGETOWN, KY 40324	SS (GLAS) GLASGOW COOP 300 SAMSON ST. GLASGOW, KY 42141
SS (GREE) GREENVILLE KY SVC 212 W. DEPOT ST. GREENVILLE, KY 42345	SS (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 (LEBA) LEBANON SVC 1752 BARDSTOWN RD SPRINGFIELD, KY 40069
SS (LEIT) LEITCHFIELD COOP 118 W. WHITE OAK ST. PO BOX 383 LEITCHFIELD, KY 42754	SS (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 (NICH) NICHOLASVILLE SVC 701 NICHOLASVILLE BYPASS NICHOLASVILLE, KY 40356
SS (OWEN) COOP OWENSBORO 3231 CARTER ROAD OWENSBORO, KY 42301	SS (OWEN) OWENTON COOP, INC 355 N. MAIN ST. OWENTON, KY 40359	SS (OWIN) OWINGSVILLE SVC P.O. BOX 557 409 BROOKS AVENUE OWINGSVILLE, KY 40360

TABLE 3 (Continued)

SS (RICH) COOP INC FERT DIV P.O. BOX 26234 6606 W. BROAD STREET RICHMOND, VA 23260	SS (RICH) INC CROPS FARM P.O. BOX 26234 6606 W. BROAD ST. RICHMOND, VA 23260	SS (RICH) RICHMOND SVC 1607 E MAIN ST. P.O. BOX 916 RICHMOND, KY 40475
SS (RUSS) COOP, INC. P.O. BOX 600 US 68E, BOWLING GREEN ROAD RUSSELLVILLE, KY 42276	SS (RUSS) RUSSELLVILLE COOP 209 N. BETHEL ST. PO BOX 480 RUSSELLVILLE, KY 42276	SS (SHEL) SHELBYVILLE COOP 623 S. 7TH ST. PO BOX 39 SHELBYVILLE, KY 40065
SS (SOME) SOMERSET COOP 271 HWY 2227 SOMERSET, KY 42503	SS (SPRI) LEBANON-SPRINGFIELD BR 1752 BARDSTOWN RD. SPRINGFIELD, KY 40069	SS (STAN) STANFORD SVC 175 CORDIER LN STANFORD, KY 40484
SS (WARS) GALLATIN SVC PO BOX 408 WARSAW, KY 41095	SS (WINC) CLARK COOP 21 PENDLETON ST. WINCHESTER, KY 40391	SS (WINC) COOP, INC. P.O. BOX 516 MAGNOLIA ROAD WINCHESTER, KY 40391
SS COOP (CORDELE) 408 N 15TH STREET CORDELE, GA 31015	SS SEBREE BRANCH 1112 HWY 41 N SEBREE, KY 42455	STANLEY AG SERVICE LLC 250 CHURCH ST OWENSBORO, KY 42301
STARK BROS NURSERIES & ORCHARDS CO. 20947 HWY 54 LOUISIANA, MO 63353	STEPHEN FOLLETT CO, INC 4697 COUNTY RD. I STURGEON BAY, WI 54235	STOLLER ENTERPRISES, INC 4001 W. SAM HOUSTON PKWY N STE. 100 HOUSTON, TX 77043
SUMMERS ORGANIZATION LLC 345 E MAIN STREET, STE H JACKSON, OH 45640	SUN BULB COMPANY, INC. P.O. DRAWER 698 ARCADIA, FL 34265	SUN GRO HORTICULTURE DISTRIBUTING 15831 NE 8TH STREET SUITE 100 BELLVUE, WA 98008
SUNSHINE PAPER COMPANY 12601 E. 33RD AVE #109 AURORA, CO 80011	SUNTERRA ONE SPRINKLER LANE PEORIA, IL 61615	SUPERIOR AG RESOURCES POB 7 CHRISNEY, IN 47611
SUPERIOR AG RESOURCES (ADMIN) POB 420 HUNTINGBURG, IN 47542	SUPREME TURF PRODUCTS INC 5 CASSENS CT FENTON, MO 63026	SUSTANE/NATURAL FERTILIZER P.O. BOX 19 310 HOLIDAY AVE CANNON FALLS, MN 55009
SWISS FARMS PRODUCTS, INC. 3773 HOWARD HUGHES PKWY. STE. 300-N LAS VEGAS, NV 89109	SYLVITE SOUTHEAST 1609 W. OLIVE LAKELAND, FL 33815	T AND N, INC P O BOX 240 815 HWY T FORISTELL, MO 63348
T-NOU NV SCHARLOOWEG 25 WILLEMSTAD CURACAO THE DUTCH AN,	TAYLOR, G.M. SEED CO. 618 MILITARY ST. GEORGETOWN, KY 40324	TECHNOLOGY SCIENCES GROUP INC 712 FIFTH STREET, SUITE A DAVIS, CA 95616
TECHPAC LLC POB 24830 LEXINGTON, KY 40524	TENNESSEE FARMERS COOP 200 WALDRON RD. PO BOX 3003 LAVERGNE, TN 37086	TERRA NITROGEN CORP. PO BOX 6000 SIOUX CITY, IA 51102
TESSENDERLO KERLEY 2255 N. 44TH ST. STE. 300 PHOENIX, AZ 85008	TETRA HOLDING (US) INC 3001 COMMERCE ST. BLACKSBURG, VA 24060	TETRA MICRONUTRIENTS 230 SPRING HILL DR, STE. 310 THE WOODLANDS, TX 77386
TETRA TECHNOLOGIES INC 24955 INTERSTATE 45 NORTH THE WOODLANDS, TX 77380	TETRAFLORA PLANT PRODUCTS LTD 1533 BROADWAY STREET #125 PORT COQUITLAM, BC V3C 6P3	THE ANDERSONS 2345 SOUTH 400 EAST LOGANSPOUT, IN 46947
THE ANDERSONS INC POB 119 MAUMEE, OH 43537	THE ANDERSONS INC (GALVESTON) 8086 E 900 S GALVESTON, IN 46932	THE ANDERSONS LAWN FERT DIV P.O. BOX 119 MAUMEE, OH 43537

TABLE 3 (Continued)

THE DOGGETT CORP. 30 CHERRY ST. LEBANON, NJ 08833	THE GARDEN PATCH POB 550 ST PETERSBURG, FL 33731	THE ORTHO GROUP P.O. BOX 190 MARYSVILLE, OH 43041
THE SANCTUARY P.O. BOX 656 WINTER PARK, CO 80482	THE SCOTTS CO. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041	THOMAS CAYCE FARM SUPPLY, LLC 3069 HWY. 1272 PRINCETON, KY 42445
TIGER-SUL PRODUCTS, LLC P.O. BOX 5 ATMORE, AL 36504	TK GROUP, INC. 305 ASH GROVE LN OSWEGO, IL 60543	TOTAL TURF CONSULTING LLC 26 A.A. COOPER RD. MEIGS, GA 31765
TRANSAMMONIA INC 4211 W. BOYSCOUT BLVD TAMPA, FL 33607	TRANSLOC TECHNOLOGIES PTY LTD 8 SYMONDS STREET ROYAL PARK, SOUTCH A, AU 5014	TRI COUNTY FERT. 124 S. ESTILL AVE. RICHMOND, KY 40475-2014
TRI-COUNTY FERTILIZER P.O. BOX 147 HONEA PATH, SC 29654	TRIMBLE CO FARM 11300 HWY. 421-N MILTON, KY 40045	TRIPLE G FERTILIZER 4422 US 51 SOUTH ARLINGTON, KY 42021
TRUGREEN 606 FRANTZ RD SUITE 204 DUBLIN, OH 43017-3370	TRUGREEN (FLOR) P.O. BOX 488 FLORENCE, KY 41022-0488	TRUGREEN (EVAN) P.O. BOX 5679 EVANSVILLE, IN 47716-5679
TRUGREEN (LEX) 575 HORTON CT. 2264 DANFORTH DRIVE LEXINGTON, KY 40511	TRUGREEN (LOUIS) 13135 MIDDLETOWN IND., BLVD. LOUISVILLE, KY 40223	TRUGREEN (SCOTT) 109 ERSKIN LN. PO BOX 396 SCOTT DEPOT, WV 25560
TRUPOINTE COOPERATIVE INC 5867 COUNTRYMARK RD GEORGETOWN, OH 45121	TRUPOINTE COOPERATIVE INC 818 S US RT 42 LEBANON, OH 45036-0117	TRUPOINTE COOPERATIVE INC P.O. BOX 512 WILMINGTON, OH 45177
TURF CARE SUPPLY CORP. 50 PEARL RD. UNIT 200 BRUNSWICK, OH 44212	TURFGRASS, INC. 46495 HUMBOLT DR NOVI, MI 48377-2446	TWO RIVERS, INC 7158 STREET ROUTE 70E DRAKESBORO, KY 42337
TWO WAY TRADING COMPANY INC POB 8362 DOTHAN, AL 36304	U.S. BORAX INC. 14486 BORAX RD BORON, CA 93516	U.S. GYPSUM CO. DEPT. 174-0, 550 W. ADAMS CHICAGO, IL 60661-3676
UF GRANULAR FERTILIZERS 132 POSTAL RD MORRAL, OH 43337	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	UNITED TURF ALLIANCE LLC 819 HOLLY RIDGE CANTON, GA 30115	UNITED TURF ALLIANCE LLC (ADMIN) 12840 FORD DRIVE FISHERS, IN 46083
UNIVERSAL COOP INC. 1300 CORPORATE CENTER CURVE EAGAN, MN 55121-1233	VALLEY FARM CTR INC. 1226 N. MAIN ST. MONTICELLO, KY 42633	VALLEY FERTILIZER SVC. P.O. BOX 180 EDMONTON, KY 42129
VARIOUS REPORTING COMPANIES 103 REGULATORY SERVICES BLDG LEXINGTON, KY 40546	VERDANT BRANDS, INC. 9100 W BLOOMINGTON FWY STE 113 BLOOMINGTON, MN 55431-2263	VOGEL SEED & FERTILIZER COMPANY INC 1891 SPRING VALLEY RD JACKSON, WI 53037
VOLUNTARY PURCHASING 230 FM 87 BONHAM, TX 75418	WABASH VALLEY SERVICE COMPANY POB 46 RIDGWAY, IL 62979-0046	WAGNER SEED & FERTILIZER 10677 OLD BOONEVILLE HW CHANDLER, IN 47610

TABLE 3 (Continued)

WARNER FERT CO. (ALBA) RT 4, BOX 165 ALBANY, KY 42602	WARNER FERT CO. (CAMP) P.O. BOX 87 CAMPBELLSVILLE, KY 42718	WARNER FERT CO. (COLU) P.O. BOX 274 COLUMBIA, KY 42728
WARNER FERT CO. (EAST) P.O. BOX 188 EAST BERNSTADT, KY 40729	WARNER FERT CO. (LIBE) P.O. BOX 1100 LIBERTY, KY 42539	WARNER FERT CO. (MONT) P.O. BOX 117 MONTICELLO, KY 42633
WARNER FERT CO. (NAN) P.O. BOX 108 NANCY, KY 42544	WARNER FERT CO. (RUSS) P.O. BOX 30 RUSSELL SPRINGS, KY 42642	WARNER FERT CO. (SOM) P.O. BOX 796 SOMERSET, KY 42502
WARNER FERT CO. (STANF) P.O. BOX 441 STANFORD, KY 40484	WARNER FERT CO. (TOMPK) P.O. BOX 215 ARMORY ROAD TOMPKINSVILLE, KY 42167	WATERWAY AG INC. P.O. BOX 629 METROPOLIS, IL 62960
WAYNESBURG AG 457 JAKE FAW RD WAYNESBURG, KY 40489	WILLIAMS FARMS FERTILIZER 424 WILLIAMS LN LACENTER, KY 42056	WILSON FARM SUPPLY, INC 4919 S. HWY. 837 NANCY, KY 42544
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
WORLD GROW INTERNATIONAL POB 406 DAYTON, NJ 08810	X-CALIBUR PLANT HEALTH (ADMIN) POB 1474 KULPSVILLE, PA 19443	X-SEED, INC. 14585 31ST STREET CLEAR LAKE, MN 55319
YARA NORTH AMERICA 100 N. TAMPA ST, STE 3200 TAMPA, FL 33602	YARA UK LTD MANOR PLACE, WELLINGTON RD. THE INDUSTRIAL ESTATE POCKLINGTON, YORK, UK Y0421DN	YIELD PLUS INC POB 1183 CAPE GIRARDEAU, MO 63702
ZAHIGIAN, LYNNE REG. CONSULTING P.O. BOX 1566 FALLON, NV 89407-1566		