

REGULATORY BULLETIN No. 297

**ANNUAL REPORT
ANALYSES OF
OFFICIAL
FERTILIZER SAMPLES**

JULY 2004 – JUNE 2005



**UNIVERSITY
OF KENTUCKY**
College of Agriculture
Division of Regulatory Services

**DIVISION OF REGULATORY SERVICES
KENTUCKY AGRICULTURAL EXPERIMENT STATION**

Eli Miller, Director

**D. L. Terry, Assistant Director and
Coordinator, Fertilizer Program**

Henry Spencer, Auditor

INSPECTION STAFF

Steve McMurry
Coordinator, Field Inspection Staff

Mark Barrow
Dewey Coffey
John W. Flood

Brad Johnston
Noel Johnston
David Mason
Warren Pinkston

Terry Prather
David L. Troutman
Jesse Whitehouse

LABORATORY

Dr. Melton Bryant
Coordinator, Chemical Laboratories

Kristin Brock
Gary Coleman
Keith Erny
David Harover

Robert Kiser
Garland McKee
Ellen Marshall
Debra Sipe

David Tompkins
Paul Wilson
Lancao Zhang

DATA PROCESSING

Tony Benge, Computer Systems Manager III
Kelley Gaither, Senior Systems Analyst Programmer
Julia Ellis, Data Coordinator

This report was compiled and prepared by D. L. Terry with the assistance of the Inspection, Laboratory, and Data Processing Staffs.

* Resigned

** Retired

Table of Contents

Table of Contents	1
INTRODUCTION	2
EXPLANATION OF TABLES	2
INVESTIGATIONAL ALLOWANCES	5
Primary Nutrients	5
Secondary and Micro Nutrients	6
MONETARY PENALTIES	7
MAXIMUM CHLORINE GUARANTEE FOR TOBACCO FERTILIZERS	9
COMMERCIAL FERTILIZER VALUES FOR CALENDAR YEARS	10
SUMMARY OF OFFICIAL 2004-2005 SAMPLES	11
TABLE 1. Results Of Total Nitrogen (N), Available Phosphate Acid (P2O5), Soluble Potash (K2O), And Excess Chloride (XS CL)	12
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) ..	119
TABLE 3 COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30, 2005	145

INTRODUCTION

This bulletin presents the results of official samples of commercial fertilizer taken during the period of July 1, 2004 through June 30, 2005 by the field inspection staff. The samples represented approximately 63,350 tons of fertilizer out of the approximately 891,000 tons sold during this period. The Laboratory made 2,889 nitrogen, 2,650 phosphorus, 2,691 potassium and 1,213 chloride, secondary and minor element and certain other analyses on these samples. The results of N, P_2O_5 , K_2O , 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 fertilizer registrants for Kentucky as of June 30, 2005.

EXPLANATION OF TABLES

Table 1.

Sample Data—

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

GRADE: The registrant's whole number guarantee is expressed as the grade: N - P_2O_5 - K_2O . 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 a secondary or minor element and the results are in Table 2

N, P_2O_5 , K_2O : These are the results of the chemical analyses of each sample for total Nitrogen(N), available phosphate (P_2O_5) and soluble potash (K_2O).

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

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

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

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

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

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

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

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

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

4 ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2004-JUNE 2005

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

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

TYPE: The codes for type are:

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

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

MAT: A fertilizer material such as muriate of potash.

CM: A custom-mixed blended fertilizer.

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

Statistical Analyses --

In the body of the table there is a brief statistical analysis: (1) When one grade of a company was sampled 5 or more times or (2) when 10 or more total samples were obtained from a company. The terms used are self explanatory; however, the following additional explanation is considered helpful. CV is the coefficient of variation found by dividing the standard deviation by the average analysis and multiplying by 100. The deficiency rate is calculated by dividing the number of samples with one or more deficiencies in N, P_2O_5 , K_2O or RV by the total number of samples and multiplying by 100.

Tables 2 and 3 - Self Explanatory

INVESTIGATIONAL ALLOWANCES

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.

Primary Nutrients

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.

6 ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2004-JUNE 2005

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.

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

Penalties for deficiencies in Total Nitrogen (N), Available Phosphate (P_2O_5), soluble potash (K_2O), and index value shall be calculated from the following schedule.

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 index value 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 index value deficiency, only the larger penalty shall apply; however, in no case shall the penalty exceed the total value of the fertilizer.

8 ANALYSIS OF OFFICIAL FERTILIZER SAMPLES IN KENTUCKY JULY 2004-JUNE 2005

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

DEFICIENCIES IN SECONDARY AND MINOR ELEMENTS

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

EXCESS CHLORINE IN TOBACCO FERTILIZERS

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

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

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

MAXIMUM CHLORINE GUARANTEE FOR TOBACCO FERTILIZERS

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

Chlorine (Cl) Maximum	50 lb./acre
-----------------------	-------------

The maximum chlorine guarantee shall be:

Placed below the Guaranteed Analysis as required by 12 KAR 4:090 and prominently and conspicuously displayed on the invoice or shipping ticket that accompanies bulk sales.

The invoice or shipping ticket shall state the **rate of application** expressed in lb./acre of the blended fertilizer.

The provisions of this administrative regulation shall not apply to fertilizers for use on plant beds.

COMMERCIAL FERTILIZER VALUES FOR CALENDAR YEARS 2004 AND 2005

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	2004	2005
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$ 5.49	\$ 6.27
Avail. Phosphate (P ₂ O ₅)	\$ 4.00	\$ 4.25
Soluble Potash (K ₂ O)		
Tobacco (Low CL)	\$ 5.63	\$ 6.16
Non-Tobacco	\$ 2.83	\$ 3.89
Calcium (Ca)	\$ 13.87	\$ 5.95
Magnesium	\$13.43	\$11.04
Sulfur (S)	\$ 4.82	\$ 5.04
Boron (B)	\$66.36	\$65.06
Copper (Cu)	\$81.98	\$61.45
Iron (Fe)	\$17.98	\$16.32
Manganese (Mn)	\$18.05	\$18.79
Molybdenum (Mo)	\$18.05	\$18.05
Zinc (Zn)	\$23.02	\$20.78

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.

SUMMARY OF OFFICIAL 2004-2005 SAMPLES**Summary of 2004-2005 Official NPK Samples 17:01 Friday, October 28, 2005****Means of Certain Variables
By Form of Distribution**

	FORM	N Test Def Rate	P Test Def Rate	K Test Def Rate	Sample Def Rate	RV MEAN	No. Tests Per Sample	Lot Size Ave	Sec&Micro Tests
BAG	22.9189	18.8108	10.5946	20.9730	101.903	3.77838	4.7655	0.72757	
BULK	3.7020	6.1400	3.1603	5.7788	100.627	2.60813	25.0032	0.20090	
LIQUID	4.8193	2.4096	4.8193	7.2289	103.427	2.84337	32.7118	0.81928	

Summary of 2004-2005 Official NPK Samples 17:01 Friday, October 28, 2005**Means of Certain Variables
By Type of Fertilizer**

TYPE	N Test Def. Rate	P Test Def. Rate	K Test Def. Rate	Sample Def. Rate	RV MEAN	No. Tests Per Sample	Lot Size	Sec&Micro Tests
BLENDED GRADE	24.5087	19.1908	10.4046	21.7341	101.662	3.66821	4.9050	0.62775
MANUFACTURED	9.7087	11.6505	11.6505	14.5631	106.030	5.19417	5.4369	2.01942
MATERIAL	0.2845	1.7070	0.0000	1.2802	100.019	1.35704	73.8655	0.08108
CUSTOM MIX	4.7680	7.8608	4.5103	7.4742	100.877	3.12242	3.7209	0.24356

Kentucky Official NPK Samples for 2004-2005 17:01 Friday, October 28, 2005**Means of Certain Variables
By Form and By Type**

FORM	TYPE	Samples Number	Samples % of Total	Tons Sampled	Tons Sampled % of Total	Sample Def. Rate, %	RV MEAN
BAG	BLENDED GRADE	835	25.5899	4175.95	6.6506	21.7964	101.455
BAG	MANUFACTURED	80	2.4517	107.20	0.1707	13.7500	105.968
BAG	MATERIAL	8	0.2452	120.40	0.1917	0.0000	109.291
BAG	CUSTOM MIX	2	0.0613	4.50	0.0072	50.0000	97.115
BULK	BLENDED GRADE	10	0.3065	65.00	0.1035	60.0000	99.153
BULK	MANUFACTURED	6	0.1839	263.90	0.4203	0.0000	115.198
BULK	MATERIAL	655	20.0736	49367.70	78.6223	1.0687	99.937
BULK	CUSTOM MIX	1544	47.3184	5685.43	9.0545	7.4482	100.872
LIQUID	BLENDED GRADE	20	0.6129	1.91	0.0030	0.0000	111.592
LIQUID	MANUFACTURED	17	0.5210	188.90	0.3008	23.5294	103.084
LIQUID	MATERIAL	40	1.2259	2439.37	3.8849	5.0000	99.511
LIQUID	CUSTOM MIX	6	0.1839	84.90	0.1352	0.0000	103.300

NPK only Samples	3223		62505	10.2	101
All Samples	3263	.	62791	12.4	101

TABLE 1. Results Of Total Nitrogen (N), Available Phosphate Acid (P2O5), Soluble Potash (K2O), And Excess Chloride (XS CL)

Analyses Of Official Fertilizer Samples. Deficiencies in N,P2O5, K2O, and RV and excessive chloride are noted with an asterisk(*). A(+) by the sample number indicates that there is an entry for this sample in Table 2.

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AG DISTRIBUTORS, INC.	NASHVILLE TN	37209						
00-00-50	52749	0.00	0.00	50.86		102	Mat	Bulk
00-00-60	50547	0.00	0.00	60.60		101	Mat	Bulk
00-46-00	50550	0.00	46.26	0.00		101	Mat	Bulk
10-10-10	51117	10.75	10.98	10.60		108	Blend	Bag
10-10-10	51315	8.93 *	8.65 *	11.46		95 *	Blend	Bag
10-10-10	52197	9.15	8.02 *	10.98		93 *	Blend	Bag
10-10-10	53122	9.42	9.31	9.31		94 *	Blend	Bag
15-15-15	51115	14.56	15.14	16.14		101	Blend	Bag
15-15-15	51316	16.36	16.38	15.41		107	Blend	Bag
15-15-15	53123	14.89	15.32	15.30		101	Blend	Bag
18-46-00	50548	17.63	45.63	0.00		99	Mat	Bulk
18-46-00	51611	17.94	45.52	0.00		99	Mat	Bulk
34-00-00	50546	33.82	0.00	0.00		99	Mat	Bulk
34-00-00	51610	34.39	0.00	0.00		101	Mat	Bulk
46-00-00	50549	45.89	0.00	0.00		100	Mat	Bulk
46-00-00	51613	45.74	0.00	0.00		99	Mat	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.87	98.05	104.28				
ALL SAMPLES,CV %		5.52	9.45	5.88				
NUMBER OF ANALYSIS		13	10	9				
Deficiency Rate = 18.75 %								

AG/GRO FERTILIZER CO.	WINCHESTER KY	40391						
00-00-00	51667+	0.00	0.00	0.00			Blend	Bag
00-00-00	52039+	0.00	0.00	0.00			Mnfr	Bag
00-00-50	50872	0.00	0.00	50.03		100	Mat	Bulk
00-00-60	50869	0.00	0.00	60.15		100	Mat	Bulk
00-00-60	51783	0.00	0.00	61.69		103	Mat	Bulk
05-10-10	52790	4.35 *	8.52 *	11.04		94 *	Blend	Bag
05-10-10	52972	4.93	10.19	10.96		104	Blend	Bag
05-10-15	50598	5.58	10.16	15.25		104	Blend	Bag
05-10-15	51587	5.25	10.05	14.13		98	Blend	Bag
05-10-15	51668	5.32	10.26	14.40		100	Blend	Bag
05-10-15	52676	5.28	10.53	15.95		106	Blend	Bag
05-10-15	52713	4.99	10.02	15.41		102	Blend	Bag
05-10-15	52720	5.30	10.00	15.32		102	Blend	Bag
05-10-15	52991	5.54	10.25	16.21		107	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade :		7						
Average Analysis :		5.32	10.18	15.24		102.6		
CV, %		3.69	1.83	4.95				
05-20-20	51925	7.65	19.67	19.84		108	Blend	Bag
05-20-20	51945	7.70	20.05	20.07		109	Blend	Bag
05-20-20	51949	7.44	18.71	20.89		107	Blend	Bag
05-20-20	52649	6.81	20.05	21.53		109	Blend	Bag
05-20-20	52837	5.38	19.72	21.19		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AG/GRO FERTILIZER CO. WINCHESTER KY 40391								
Statistical Analysis for Grade : 05-20-20								
Number of Samples This Grade : 5								
Average Analysis :		6.99	19.64	20.70		107.1		
CV, %		13.86	2.8	3.5				
06-12-12	51944	5.62	11.24	12.77		98	Blend	Bag
06-12-12	51948	6.89	13.01	12.37		108	Blend	Bag
06-12-12	52791	7.18	13.06	12.77		111	Blend	Bag
06-12-12	52971	6.31	12.09	11.86		101	Blend	Bag
06-12-12	52979	6.29	11.75	13.51		105	Blend	Bag
Statistical Analysis for Grade : 06-12-12								
Number of Samples This Grade : 5								
Average Analysis :		6.46	12.23	12.66		104.7		
CV, %		9.38	6.5	4.79				
06-24-24	50601	8.99	22.92	26.33		110	Blend	Bag
06-24-24	50949	9.10	24.14	23.65		108	Blend	Bag
06-24-24	51976	5.98	24.44	23.06		99	Blend	Bag
06-24-24	52714	9.11	23.25	24.70		108	Blend	Bag
06-24-24	53069	8.52	21.46 *	27.49		108	Blend	Bag
Statistical Analysis for Grade : 06-24-24								
Number of Samples This Grade : 5								
Average Analysis :		8.34	23.24	25.05		106.7		
CV, %		16.08	5.05	7.37				
09-18-27	52895	8.99	17.69	28.81		103	Blend	Bag
10-10-10	50597	9.97	10.28	11.57		105	Blend	Bag
10-10-10	50660	8.71 *	9.36	10.42		94 *	Blend	Bag
10-10-10	50866	8.65 *	10.57	10.29		97 *	Blend	Bag
10-10-10	50950	9.67	10.22	10.18		100	Blend	Bag
10-10-10	50974	9.38	10.62	10.32		100	Blend	Bag
10-10-10	50982	8.96 *	9.34	11.17		97 *	Blend	Bag
10-10-10	51421	8.86 *	11.30	10.67		101	Blend	Bag
10-10-10	51533	10.12	10.93	10.86		106	Blend	Bag
10-10-10	51579	10.62	11.02	10.97		108	Blend	Bag
10-10-10	51586	9.17	9.92	10.70		98	Blend	Bag
10-10-10	51665	11.05	11.08	10.68		110	Blend	Bag
10-10-10	51942	9.79	10.40	10.48		102	Blend	Bag
10-10-10	51974	9.94	10.24	10.97		103	Blend	Bag
10-10-10	52207	9.83	10.60	10.36		102	Blend	Bag
10-10-10	52616	9.59	9.56	10.96		100	Blend	Bag
10-10-10	52617	9.70	9.87	10.63		100	Blend	Bag
10-10-10	52650	9.35	9.77	10.19		97	Blend	Bag
10-10-10	52675	10.69	10.87	10.45		107	Blend	Bag
10-10-10	52687	9.93	9.89	12.01		105	Blend	Bag
10-10-10	52712	9.90	9.58	9.93		98	Blend	Bag
10-10-10	52717	9.93	10.03	10.17		100	Blend	Bag
10-10-10	52723	10.50	11.59	11.41		111	Blend	Bag
10-10-10	52727	8.45 *	9.89	10.34		94 *	Blend	Bag
10-10-10	52836	10.83	11.20	10.22		108	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AG/GRO FERTILIZER CO.		WINCHESTER KY 40391						
10-10-10	52898	11.37	11.34	11.22		113	Blend	Bag
10-10-10	52973	9.39	10.47	10.31		100	Blend	Bag
10-10-10	52990	10.52	10.58	10.77		106	Blend	Bag
10-10-10	53338	10.60	10.97	10.46		107	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 28								
Average Analysis :		9.84	10.41	10.67		102.3		
CV, %		7.65	6.08	4.52				
10-20-20	50110	9.97	19.88	21.49		102	Blend	Bag
10-20-20	50111	10.35	20.73	20.71		104	Blend	Bag
10-20-20	50975	9.76	19.61	20.90		100	Blend	Bag
10-20-20	50977	9.35	19.05	21.25		99	Blend	Bag
10-20-20	51954	10.07	20.54	19.28		100	Blend	Bag
10-20-20	52719	10.45	20.93	19.49		102	Blend	Bag
10-20-20	52989	10.19	20.09	20.27		101	Blend	Bag
Statistical Analysis for Grade : 10-20-20								
Number of Samples This Grade : 7								
Average Analysis :		10.02	20.12	20.48		101.1		
CV, %		3.74	3.31	4.14				
12-12-12	50948	12.03	12.74	12.01		102	Blend	Bag
12-12-12	51941	10.73 *	11.71	12.81		96 *	Blend	Bag
12-12-12	51947	12.61	13.00	12.27		105	Blend	Bag
12-12-12	52648	12.22	11.62	12.74		102	Blend	Bag
12-12-12	52722	11.55	11.75	11.82		97	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade : 5								
Average Analysis :		11.83	12.16	12.33		100.5		
CV, %		6.11	5.37	3.54				
14-32-11	52721	13.91	31.36	10.63		98	Blend	Bag
15-15-15	50951	14.00	15.52	15.27		99	Blend	Bag
15-15-15	52085	13.99	15.69	15.96		100	Blend	Bag
15-15-15	52210	13.09 *	14.78	16.90		97	Blend	Bulk
15-30-15	51953	15.00	29.93	15.73		101	Blend	Bag
15-30-15	51956	14.83	29.90	15.91		101	Blend	Bag
16-27-14	51958	15.96	27.07	14.28		100	Blend	Bag
18-09-18	51658	16.79	8.94	19.19		100	Blend	Bag
18-46-00	50870	18.07	46.32	0.00		101	Mat	Bulk
18-46-00	51781	17.61	45.53	0.00		99	Mat	Bulk
19-19-19	50599	18.89	18.91	22.06		104	Blend	Bag
19-19-19	50661	17.88	18.98	22.04		102	Blend	Bag
19-19-19	50947	19.32	18.81	19.98		102	Blend	Bag
19-19-19	50981	17.70	18.77	22.13		101	Blend	Bag
19-19-19	51420	18.04	19.73	20.38		101	Blend	Bag
19-19-19	51580	18.03	18.14	22.02		101	Blend	Bag
19-19-19	51588	19.57	19.54	19.32		103	Blend	Bag
19-19-19	51659	19.32	18.60	19.93		101	Blend	Bag
19-19-19	51666	18.73	19.29	19.41		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS-CL	RV	Type	Form

AG/GRO FERTILIZER CO.	WINCHESTER	KY 40391						
19-19-19	51926	18.16	19.11	21.50		102	Blend	Bag
19-19-19	51943	18.24	19.15	20.11		100	Blend	Bag
19-19-19	51946	18.91	18.30	20.90		101	Blend	Bag
19-19-19	51950	19.22	19.00	19.47		101	Blend	Bag
19-19-19	51951	18.46	20.23	19.53		101	Blend	Bag
19-19-19	51975	18.79	19.01	21.64		103	Blend	Bag
19-19-19	52040	17.97	20.76	20.43		102	Blend	Bag
19-19-19	52208	17.09 *	19.31	20.52		98	Blend	Bag
19-19-19	52209	18.98	19.16	20.43		102	Blend	Bulk
19-19-19	52231	18.72	18.96	21.56		103	Blend	Bag
19-19-19	52615	18.22	19.06	20.98		101	Blend	Bag
19-19-19	52677	19.73	19.11	19.84		103	Blend	Bag
19-19-19	52686	19.00	18.11	21.66		102	Blend	Bag
19-19-19	52715	18.08	19.36	20.35		100	Blend	Bag
19-19-19	52716	18.11	18.10	18.93		96 *	Blend	Bulk
19-19-19	52718	19.05	19.99	19.34		102	Blend	Bag
19-19-19	52728	18.86	20.11	19.58		102	Blend	Bag
19-19-19	52835	18.95	19.83	19.92		102	Blend	Bulk
19-19-19	52838	18.32	18.95	19.77		99	Blend	Bag
19-19-19	52896	18.87	18.96	20.03		101	Blend	Bag
19-19-19	52897	18.67	19.88	20.01		102	Blend	Bag
19-19-19	52969	20.12	20.03	18.02		103	Blend	Bag
19-19-19	53070	18.64	18.23	22.05		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade :		32						
Average Analysis :		18.64	19.17	20.43		101.5		
CV, %		3.43	3.42	5.21				
19-35-08	51952	18.52	34.46	8.65		99	Blend	Bag
19-35-08	51955	18.33	35.17	8.02		99	Blend	Bag
20-10-10	50113	19.39	9.89	10.75		99	Blend	Bag
22-20-00	51957	22.12	19.36	0.00		99	Blend	Bag
34-00-00	52086	34.27	0.00	0.00		101	Mnfr	Bag
46-00-00	50871	45.93	0.00	0.00		100	Mat	Bulk
46-00-00	51782	46.18	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.70	101.22	105.58				
ALL SAMPLES,CV %		13.62	4.89	4.96				
NUMBER OF ANALYSIS		114	111	111				
Deficiency Rate = 9.24 %								

AG/GRO FERTILIZER CO.	WINCHESTER	KY 40391						
07-18-36	52986	7.42	19.37	37.35		104	CM	Bulk
15-07-15	53301	15.07	8.06	14.54		99	CM	Bulk
16-04-20	53300	16.27	3.72	24.54	*	107	CM	Bulk
19-09-19	53299	20.22	13.27	19.71		105	CM	Bulk
19-12-19	52988	19.38	13.64	20.22		100	CM	Bulk
19-12-19	52992	20.18	13.06	20.90		102	CM	Bulk
26-00-23	52987+	26.87	0.00	25.53		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRI-BUSINESS TECH, INC		ALBANY GA 31707						
00-00-00	52081+	0.00	0.00	0.00			Mat	Bag
00-00-00	53351+	0.00	0.00	0.00			Mnfr	Bag

AGRI-CHEM, INC. (HERN)		HERNDON KY 42236						
07-34-19	50172+	6.86	33.78	19.52		99	CM	Bulk
07-34-19	50182+	7.26	34.97	18.83		101	CM	Bulk
07-34-19	50183+	6.88	33.83	20.12		99	CM	Bulk
07-34-19	50184+	6.95	34.27	19.83		100	CM	Bulk
10-26-25	51159	10.45	27.02	25.87		102	CM	Bulk
10-26-26	50298	10.31	26.09	26.53		101	CM	Bulk
10-26-26	50299	10.31	26.18	26.58		101	CM	Bulk
10-26-26	50300	10.48	26.01	26.81		102	CM	Bulk
10-26-26	50301	10.45	26.51	26.48		102	CM	Bulk

AGRI-CHEM, INC. (HOPK)		HOPKINSVILLE KY 42240						
03-15-15	50231	4.06	15.83	16.52		109	CM	Bulk
03-15-15	50232	3.96	15.83	16.65		109	CM	Bulk
04-17-17	50237+	3.94	17.01	18.39		102	CM	Bulk
04-17-17	50238+	4.16	17.54	17.44		103	CM	Bulk
04-17-17	50239+	4.10	17.85	17.98		104	CM	Bulk
04-19-19	50233	4.42	19.57	20.28		103	CM	Bulk
04-19-19	50234	4.44	19.59	19.93		102	CM	Bulk
04-19-19	50235	4.54	19.08	20.61		103	CM	Bulk
08-22-30	52195	9.19	23.18	30.26		101	CM	Bulk
08-22-30	52196	8.79	22.61	30.74		100	CM	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		110.56	100.74	104.97				
ALL SAMPLES,CV %		7.8	2.6	3.55				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

AGRI-CHEM, INC. (PRIN)		PRINCETON KY 42445						
06-16-38	51401	6.09	15.20 *	39.84		99	CM	Bulk
09-23-30	52390	9.19	23.01	30.05		101	CM	Bulk
09-23-30	52394	9.48	23.54	28.91		100	CM	Bulk
10-26-26	52387	10.75	26.90	24.79		101	CM	Bulk
10-26-26	52388	10.37	26.27	25.68		100	CM	Bulk
12-24-24	52389	12.17	25.62	23.79		100	CM	Bulk
12-24-24	52392	13.20	25.98	22.60 *		102	CM	Bulk
16-17-17	52391	17.14	18.62	18.10		102	CM	Bulk
26-12-15	52393	26.16	12.75	15.80		100	CM	Bulk
29-11-11	51400	30.29	12.91	11.03		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

AGRI-CHEM, INC. (PRIN)	PRINCETON	KY 42445						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.87	102.69	97.70				
ALL SAMPLES,CV %		3.74	4.37	3.74				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								

AGRI-CHEM, INC. (TRENT)	TRENTON	KY 42286						
05-26-22	50291+	5.76	26.88	23.49		103	CM	Bulk
05-26-22	50292+	4.97 *	23.58 *	23.15		94 *	CM	Bulk
05-26-22	50295+	5.43	25.35	24.44		101	CM	Bulk
05-26-22	50296+	5.71	26.91	22.80		102	CM	Bulk
06-32-21	50288	6.78	32.24	23.45		100	CM	Bulk
06-32-21	50289	7.18	33.58	22.02		102	CM	Bulk
06-32-21	50293	7.02	33.12	22.60		101	CM	Bulk
06-32-21	50297	7.10	33.07	22.59		101	CM	Bulk
06-32-22	50290	7.28	34.28	21.32		102	CM	Bulk
07-33-21	50294	7.26	33.83	22.07		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.61	99.96	102.36				
ALL SAMPLES,CV %		4.49	4.09	3.03				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

AGRILIANCE	ST. PAUL MN	55164-0089						
12-12-12	50984	9.90 *	6.05 *	20.26		96 *	Blend	Bag
12-12-12	51048	11.71	11.31	12.28		98	Blend	Bag
12-12-12	53214	12.07	12.03	12.30		101	Blend	Bag
12-12-12	53285	11.91	12.25	12.06		100	Blend	Bag
13-13-13	53171	12.22	11.97 *	12.91		95 *	Blend	Bag
13-13-13	53284	12.86	13.11	12.47		99	Blend	Bag
16-06-16	50983	15.08	5.50	13.97 *		92 *	Blend	Bag
16-06-16	53172	16.13	6.15	16.08		101	Blend	Bag
23-03-07	51046+	22.72	3.34	7.57		101	Blend	Bag
23-03-07	52735+	21.45	2.66	7.36		95 *	Blend	Bag
23-03-07	53213+	21.92	3.41	8.12		101	Blend	Bag
28-03-04	51047	25.44 *	2.81	4.01		92 *	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.51	95.09	107.21				
ALL SAMPLES,CV %		5.41	16.88	19.19				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 41.67 %								

AGRIPORT TERMINAL	EDDYVILLE	KY 42038						
00-00-60	50046	0.00	0.00	61.58		103	Mat	Bulk
00-00-60	50464	0.00	0.00	60.26		100	Mat	Bulk
00-00-60	50515	0.00	0.00	59.17		99	Mat	Bulk
00-00-60	50516	0.00	0.00	58.86		98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

AGRIPORT TERMINAL	EDDYVILLE KY 42038							
00-00-60	50518	0.00	0.00	58.99		98	Mat	Bulk
00-00-60	50605	0.00	0.00	60.16		100	Mat	Bulk
00-00-60	50705	0.00	0.00	60.44		101	Mat	Bulk
00-00-60	50707	0.00	0.00	61.21		102	Mat	Bulk
00-00-60	50711	0.00	0.00	60.08		100	Mat	Bulk
00-00-60	50712	0.00	0.00	60.68		101	Mat	Bulk
00-00-60	50830	0.00	0.00	59.42		99	Mat	Bulk
00-00-60	51612	0.00	0.00	60.18		100	Mat	Bulk
00-00-60	52439	0.00	0.00	59.31		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade :		13						
Average Analysis :		0.00	0.00	60.03		100.0		
CV, %		0	0	1.41				
09-23-30	50147	9.15	24.01	28.60 *		100	CM	Bulk
09-23-30	50148	8.75	23.14	30.03		100	CM	Bulk
10-27-23	50229	10.77	26.61	25.66		100	CM	Bulk
10-27-23	50230	10.30	27.11	25.15		99	CM	Bulk
10-27-24	50384	10.80	27.48	24.21		100	CM	Bulk
10-27-24	50385	10.59	27.19	24.53		100	CM	Bulk
10-34-00	52254	10.67	33.52	0.00		101	Mnfr	Liq
11-52-00	50048	10.68	52.06	0.00		99	Mat	Bulk
13-34-14	51153	13.69	34.46	15.02		100	CM	Bulk
18-46-00	50047	17.71	45.97	0.00		99	Mat	Bulk
18-46-00	50465	18.18	46.36	0.00		101	Mat	Bulk
18-46-00	50604	18.10	45.66	0.00		100	Mat	Bulk
18-46-00	50704	18.10	46.12	0.00		100	Mat	Bulk
18-46-00	50706	18.18	45.87	0.00		100	Mat	Bulk
18-46-00	50831	18.27	46.02	0.00		101	Mat	Bulk
18-46-00	52440	18.06	45.79	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade :		7						
Average Analysis :		18.09	45.97	0.00		100.1		
CV, %		0.99	0.5	0				
22-17-16	51154	23.18	17.76	16.13		101	CM	Bulk
22-17-16	51155	21.86	14.97 *	19.56		99	CM	Bulk
22-17-16	51156	22.74	17.34	17.39		101	CM	Bulk
28-00-00	53374	27.76	0.00	0.00		99	Mat	Liq
32-00-00	52194	31.88	0.00	0.00		100	Mat	Liq
32-00-00	52255	31.64	0.00	0.00		99	Mat	Liq
32-00-00	52548	31.93	0.00	0.00		100	Mat	Liq
32-00-00	53027	31.78	0.00	0.00		99	Mat	Liq
32-00-00	53117	31.93	0.00	0.00		100	Mat	Liq
32-00-00	53321	31.73	0.00	0.00		99	Mat	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
AGRIPORT TERMINAL EDDYVILLE KY 42038								
Statistical Analysis for Grade : 32-00-00								
Number of Samples This Grade : 6								
Average Analysis :		31.82	0.00	0.00		99.4		
CV, %		0.37	0	0				
46-00-00	50466	45.41	0.00	0.00		99	Mat	Bulk
46-00-00	50514	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	50552	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	50606	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	50703	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	50828	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	50829	46.12	0.00	0.00		100	Mat	Bulk
46-00-00	50854	46.05	0.00	0.00		100	Mat	Bulk
46-00-00	50932	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	52441	45.85	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 10								
Average Analysis :		45.96	0.00	0.00		99.9		
CV, %		0.51	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.90	99.58	100.96				
ALL SAMPLES,CV %		1.87	3.41	4.15				
NUMBER OF ANALYSIS		36	19	23				
Deficiency Rate = 4.08 %								
AGRIUM U.S. INC. (DENV) DENVER CO 80237								
44-00-00	50635+	45.85	0.00	0.00		104	Mat	Bulk
44-00-00	52192+	44.85	0.00	0.00		102	Mat	Bulk
AGRIUM U.S. INC. (REESE) REESE MI 48757-9340								
00-00-00	50612+	0.00	0.00	0.00			Mat	Bulk
00-00-00	52673+	0.00	0.00	0.00			Mat	Bag
00-00-00	52674+	0.00	0.00	0.00			Mat	Bag
AGRO DISTRIBUTION, LLC HARDINSBURG KY 40143								
00-00-60	50398	0.00	0.00	60.82		101	Mat	Bulk
00-22-29	50367	0.00	23.17	29.07		102	CM	Bulk
00-22-29	50368	0.00	22.66	30.13		102	CM	Bulk
00-22-29	50369	0.00	22.51	30.21		102	CM	Bulk
00-22-29	50371	0.00	23.14	28.68		101	CM	Bulk
00-22-29	50380	0.00	23.01	29.56		102	CM	Bulk
Statistical Analysis for Grade : 00-22-29								
Number of Samples This Grade : 5								
Average Analysis :		0.00	22.90	29.53		101.7		
CV, %		0	1.3	2.24				
00-26-26	50365	0.00	26.32	26.25		101	CM	Bulk
00-26-26	50366	0.00	26.94	26.05		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
AGRO DISTRIBUTION, LLC		HARDINSBURG KY 40143						
00-26-26	50378	0.00	26.57	26.10		101	CM	Bulk
00-26-26	50379	0.00	26.63	26.21		102	CM	Bulk
10-26-26	50370	9.77	25.54	26.24		98	CM	Bulk
18-46-00	50397	17.52	45.50	0.00		98	Mat	Bulk
20-08-27	52621	20.28	8.34	28.05		102	CM	Bulk
20-08-27	52622	20.58	8.12	26.93		100	CM	Bulk
22-15-18	52623	23.20	14.54	18.14		100	CM	Bulk
23-12-18	52620	23.73	12.59	20.04		101	CM	Bulk
34-00-00	50396	33.84	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.40	100.99	101.16				
ALL SAMPLES,CV %		2.13	2.21	1.94				
NUMBER OF ANALYSIS		7	15	15				
Deficiency Rate = 0.00 %								
AGXPLORE INT'L LLC		CAPE GIRARDEAU MO 63703						
00-00-00	51019	0.17	0.37	0.29			Mnfr	Liq
ALLEN CO. FARMERS		SCOTTSDALE KY 42164						
17-20-20	51066	17.38	21.77	20.52		101	CM	Bulk
19-19-19	51059	18.69	19.91	20.19		100	CM	Bulk
19-19-19	51060	19.59	20.53	18.36		101	CM	Bulk
19-19-19	51061	19.44	18.68	19.84		100	CM	Bulk
19-19-19	51065	18.86	19.14	20.48		100	CM	Bulk
21-15-20	51067	21.33	16.10	20.21		101	CM	Bulk
24-15-15	51063	26.50	15.37	13.81 *		102	CM	Bulk
26-14-14	51064	26.34	14.31	14.50		100	CM	Bulk
27-13-13	51062	27.29	14.05	13.91		102	CM	Bulk
33-09-09	51068	33.50	9.69	9.38		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.58	101.84	99.78				
ALL SAMPLES,CV %		2.83	3.07	4.93				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
ALLEN CO. FEED/SEED		SCOTTSDALE KY 42164						
19-12-24	51646	17.56 *	12.56	27.65		100	CM	Bulk
19-19-19	51069	19.86	17.74 *	20.55		100	CM	Bulk
19-19-19	51070	19.90	18.21	19.55		100	CM	Bulk
19-19-19	51645	19.30	19.21	19.77		100	CM	Bulk
19-19-19	51647	19.17	18.74	20.44		100	CM	Bulk
24-15-15	51643	23.89	16.23	16.15		100	CM	Bulk
24-15-15	51648	23.67	15.68	16.91		100	CM	Bulk
24-16-15	51644	22.94	15.69	17.79		100	CM	Bulk
31-09-12	51642	31.22	8.88	12.47		100	CM	Bulk
37-14-00	51071	38.19	13.95	0.00		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

ALLEN CO. FEED/SEED		SCOTTSVILLE KY 42164						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.83	97.04	105.91				
ALL SAMPLES,CV %		4.18	3.12	4.31				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 20.00 %								

ALLENSVILLE CROP SVC.		ALLENSVILLE KY 42204						
08-21-28	50209	8.48	20.89	30.52		100	CM	Bulk
08-22-28	50194	8.37	21.49	29.43		99	CM	Bulk
08-22-28	50198	8.56	20.99	30.66		100	CM	Bulk
09-24-26	50208	9.93	24.71	26.12		102	CM	Bulk
09-25-22	50210	9.88	25.43	22.24		100	CM	Bulk
09-25-22	50211	10.00	25.40	22.40		100	CM	Bulk
10-26-23	50207	10.59	27.36	22.67		101	CM	Bulk
11-28-18	50189	11.23	28.61	18.88		100	CM	Bulk
11-28-18	50193	11.28	28.13	19.22		100	CM	Bulk
11-28-18	50212	10.94	28.21	19.36		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.95	98.90	101.75				
ALL SAMPLES,CV %		2.33	2.74	2.97				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

ANDERSON CO FARM SVC		LAWRENCEBURG KY 40342						
00-00-60	52724	0.00	0.00	60.73		101	Mat	Bulk
18-46-00	52725	17.77	45.80	0.00		99	Mat	Bulk
34-00-00	52726	34.20	0.00	0.00		101	Mat	Bulk

BALLARD COUNTY COOP		LACENTER KY 42056						
09-23-28	53017	8.59	22.03 *	31.54		99	CM	Bulk
09-23-30	51423	8.52	21.99	31.08		99	CM	Bulk
09-23-30	51424	8.28	20.99 *	32.43		99	CM	Bulk
09-23-30	52153	9.36	23.19	29.27		100	CM	Bulk
09-23-30	52156	9.11	22.79	30.99		101	CM	Bulk
09-23-30	52159	8.86	21.82	30.67		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		8.83	22.16	30.89		99.5		
CV, %		4.93	3.89	3.65				
10-27-24	53018	10.75	27.74	24.65		101	CM	Bulk
12-31-19	52154	12.02	30.26	20.86		100	CM	Bulk
14-18-24	52152	14.13	18.43	24.15		101	CM	Bulk
14-18-24	52155	14.21	17.95	24.89		101	CM	Bulk
14-18-24	52157	13.62	18.00	25.37		100	CM	Bulk
14-18-24	52158	13.78	18.03	24.56		100	CM	Bulk
21-11-15	51685	20.16	9.99 *	17.96		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

BALLARD COUNTY COOP	LACENTER	KY 42056						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.83	96.27	105.19				
ALL SAMPLES,CV %		3.9	4.26	5.19				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 23.08 %								

BANDANA AG INC.	BANDANA	KY 42022						
00-00-60	50459	0.00	0.00	61.37		102	Mat	Bulk
09-23-30	52426	8.94	23.00	30.29		100	CM	Bulk
09-23-30	52427	9.59	24.99	28.34	*	102	CM	Bulk
09-23-30	52429	9.00	23.55	30.30		101	CM	Bulk
09-23-30	52431	8.56	22.87	31.09		100	CM	Bulk
10-26-25	52160	10.30	25.98	26.99		101	CM	Bulk
14-18-24	52430	14.35	19.44	23.53		102	CM	Bulk
14-18-24	52432	13.42	17.86	25.49		100	CM	Bulk
14-23-20	52424	14.04	21.46	22.47	*	100	CM	Bulk
18-46-00	50458	17.49	44.94	0.00		98	Mat	Bulk
20-12-16	52425	20.44	12.49	15.81		99	CM	Bulk
21-13-14	52428	20.68	14.23	14.43		100	CM	Bulk
34-00-00	50460	33.02	0.00	0.00		97	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.92	100.70	102.07				
ALL SAMPLES,CV %		3.33	4.38	4.8				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate = 15.38 %								

BARREN METCALFE SUPPLY LLC	KNOBLICK	KY 42154						
00-00-50	50904	0.00	0.00	49.72		99	Mat	Bulk
00-00-60	50676	0.00	0.00	60.48		101	Mat	Bulk
05-21-32	51466	5.78	21.46	32.39		102	CM	Bulk
05-21-32	51467	5.09	21.92	32.01		100	CM	Bulk
08-22-31	51468	8.78	22.13	31.40		101	CM	Bulk
16-16-16	51469	17.12	16.67	17.84		102	CM	Bulk
17-17-17	51460	17.89	17.31	16.93		98	CM	Bulk
17-17-17	51461	17.47	17.06	18.65		100	CM	Bulk
18-46-00	50905	17.52	45.57	0.00		98	Mat	Bulk
19-19-19	51462	19.24	19.56	19.67		100	CM	Bulk
19-19-19	51463	19.34	19.58	20.57		102	CM	Bulk
19-19-19	51464	18.90	19.91	20.47		101	CM	Bulk
19-19-19	51465	19.39	19.40	19.31		100	CM	Bulk
34-00-00	50675	33.76	0.00	0.00		99	Mat	Bulk
34-00-00	50902	33.92	0.00	0.00		100	Mat	Bulk
46-00-00	50903	46.09	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

BARREN METCALFE SUPPLY LLC		KNOBLICK KY 42154						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.94	99.98	101.85				
ALL SAMPLES,CV %		2.87	1.88	3.33				
NUMBER OF ANALYSIS		14	11	12				
Deficiency Rate = 0.00 %								

BAYER ADVANCED LLC		BIRMINGHAM AL 35242						
12-18-06	53232+	12.12	18.25	6.16		101	Mnfr	Bag
18-09-18	53236+	17.70	9.91	19.13		103	Blend	Bag
18-11-16	50087+	16.44 *	11.17	19.05		100	Blend	Bag
18-11-16	50096+	17.38	10.92	16.66		99	Blend	Bag
18-11-16	50125+	18.19	12.35	16.38		104	Blend	Bag
18-11-16	50130+	20.95	11.39	14.39 *		107	Blend	Bag
18-11-16	50131+	18.73	11.81	15.74		103	Blend	Bag
18-11-16	52745+	18.06	11.44	16.05		101	Mnfr	Bag
Statistical Analysis for Grade : 18-11-16								
Number of Samples This Grade : 6								
Average Analysis :		18.29	11.51	16.38		102.5		
CV, %		8.31	4.39	9.34				
18-22-08	50142	20.93	22.22	7.39		107	Blend	Bag
22-03-14	50094	22.13	3.57	14.76		103	Blend	Bag
22-03-14	50126	26.58	3.68	12.87 *		114	Blend	Bag
22-03-14	50128	21.96	3.63	14.63		102	Blend	Bag
22-03-14	50132	22.87	3.70	14.49		105	Blend	Bag
22-03-14	50152	20.44	3.61	16.06		100	Blend	Bag
Statistical Analysis for Grade : 22-03-14								
Number of Samples This Grade : 5								
Average Analysis :		22.80	3.64	14.56		104.9		
CV, %		10.05	1.45	7.81				
30-03-05	50116+	30.06	3.75	4.90		102	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.90	111.46	102.24				
ALL SAMPLES,CV %		8.26	8.55	7.71				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate = 20.00 %								

BAYER ADVANCED-B U OF BAY. CROP SC		MONTVALE NJ 07645						
21-03-10	50120	21.94	3.94	9.57		105	Blend	Bag

BICKETT AGRI CTR.		CENTRAL CITY KY 42330						
09-23-30	51483	8.35	21.95	31.82		99	CM	Bulk
09-23-30	51484	9.04	22.84	30.60		101	CM	Bulk
09-23-30	51485	8.92	24.25	28.95		100	CM	Bulk
09-23-30	51486	7.97 *	20.15 *	34.06		99	CM	Bulk
09-23-30	51487	8.51	22.18	31.45		100	CM	Bulk
09-23-30	51488	8.40	22.02	31.66		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
BICKETT AGRI CTR.	CENTRAL CITY KY	42330						
09-23-30	51489	8.50	21.97	32.59		101	CM	Bulk
09-23-30	51490	8.74	24.17	28.76		99	CM	Bulk
09-23-30	51491	9.02	23.21	30.22		101	CM	Bulk
09-23-30	51492	8.54	22.83	30.47		99	CM	Bulk
09-23-30	51493	8.12 *	21.16 *	33.17		100	CM	Bulk
09-23-30	51494	8.36	22.84	31.07		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 12								
Average Analysis :								
		8.54	22.46	31.23		99.9		
CV, %								
		3.96	5.19	5.06				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		94.88	97.67	104.11				
ALL SAMPLES,CV %		3.96	5.19	5.06				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 16.67 %								
BIG RIVERS AGRI SUPPLY	OWENSBORO KY	42304						
05-15-15	53133+	4.97	15.12	15.07		100	Mnfr	Liq
BLOOMFIELD FERT/CHEM	BLOOMFIELD KY	40008-0370						
00-00-50	50833	0.00	0.00	50.10		100	Mat	Bulk
00-00-60	50834	0.00	0.00	59.50		99	Mat	Bulk
09-00-48	52364	8.78	0.00	49.91		102	CM	Bulk
09-23-30	52363	9.09	24.28	29.20		101	CM	Bulk
09-23-30	52370	8.78	22.57	31.32		101	CM	Bulk
11-11-11	52365	12.64	12.41	13.01		106	CM	Bulk
12-30-20	52369	11.67	30.78	20.34		100	CM	Bulk
13-07-36	52366	13.73	8.44	36.06		101	CM	Bulk
18-46-00	50832	18.00	46.22	0.00		100	Mat	Bulk
24-13-17	52367	25.27	14.05	16.36		101	CM	Bulk
28-06-17	52368	29.06	7.03	16.87		101	CM	Bulk
30-00-20	52496	30.98	0.00	20.77		102	CM	Bulk
32-00-17	52497	33.06	0.00	18.60		103	CM	Bulk
46-00-00	50835	46.02	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.25	103.63	101.78				
ALL SAMPLES,CV %		2.59	3.35	4.15				
NUMBER OF ANALYSIS		12	8	12				
Deficiency Rate = 0.00 %								
BLUEGRASS SEED/FERT INC.	BARDSTOWN KY	40004						
00-00-60	52805	0.00	0.00	60.57		101	Mat	Bulk
03-07-10	52813	3.11	7.50	9.32		97	CM	Bulk
03-07-10	52814	2.75	7.56	9.88		97	CM	Bulk
03-07-10	52816	2.74	7.69	10.73		101	CM	Bulk
03-07-10	52839	3.21	8.52	9.26		102	CM	Bulk
06-15-20	52808	6.04	15.83	20.68		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
BLUEGRASS SEED/FERT INC.		BARDSTOWN KY 40004						
06-15-20	52809	5.86	15.55	20.31		101	CM	Bulk
07-19-34	52811	8.44	21.18	32.81		102	CM	Bulk
07-20-33	52807	8.01	20.75	33.98		102	CM	Bulk
09-23-30	52812	9.05	24.46	28.95		101	CM	Bulk
18-00-36	52815	18.33	0.00	35.56		99	CM	Bulk
18-46-00	52803	17.85	45.87	0.00		100	Mat	Bulk
21-15-20	52810	21.68	15.79	19.53		101	CM	Bulk
46-00-00	52804	46.03	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.26	102.85	98.96				
ALL SAMPLES,CV %		4.91	3.85	4.21				
NUMBER OF ANALYSIS		13	11	12				
Deficiency Rate = 0.00 %								
BOYD FARM CTR.		CROFTON KY 42217						
08-22-24	52551	9.29	22.31	26.09		102	CM	Bulk
19-19-19	51935	19.35	20.27	19.17		101	CM	Bulk
19-19-19	51938	19.31	21.31	18.38		102	CM	Bulk
19-19-19	51939	19.22	20.68	18.62		101	CM	Bulk
19-19-19	51940	19.35	20.09	19.31		101	CM	Bulk
22-16-17	52549	21.66	18.63	16.84		100	CM	Bulk
23-15-16	51937	24.12	16.80	16.08		102	CM	Bulk
BRYANT, OTIS & SON		CANEYVILLE KY 42721						
18-18-18	51966	18.43	18.54	18.06		99	CM	Bulk
19-19-19	51962	19.32	18.85	20.18		100	CM	Bulk
19-19-19	51967	19.76	20.31	18.21		101	CM	Bulk
19-19-19	51968	19.41	19.55	19.35		100	CM	Bulk
19-19-19	51969	20.27	18.25	20.19		101	CM	Bulk
19-19-19	51970	20.61	18.27	19.94		102	CM	Bulk
19-19-19	51971	19.35	18.50	19.99		100	CM	Bulk
19-19-19	51973	19.42	20.19	18.78		101	CM	Bulk
19-19-19	51977	19.71	18.54	19.78		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 8								
Average Analysis :		19.73	19.06	19.55		100.6		
CV, %		2.41	4.43	3.68				
20-12-12	51972	20.75	10.42 *	12.67		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.68	97.05	101.25				
ALL SAMPLES,CV %		2.21	5.86	3.46				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
BURKESVILLE FERTILIZER CO. (BURK)		BURKESVILLE KY 42717						
00-00-60	50582	0.00	0.00	60.06		100	Mat	Bulk
12-24-24	52006	12.84	23.88	22.91		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS-CL	RV	Type	Form
BURKESVILLE FERTILIZER CO. (BURK)		BURKESVILLE KY 42717						
17-17-17	52000	17.94	17.55	17.95		100	CM	Bulk
17-17-17	52005	18.25	16.04 *	18.48		100	CM	Bulk
17-17-17	52007	16.90	15.40 *	21.23		99	CM	Bulk
18-46-00	50978	17.62	45.09	0.00		98	Mat	Bulk
19-19-19	52001	19.18	18.96	20.26		100	CM	Bulk
19-19-19	52003	19.57	20.30	18.81		101	CM	Bulk
19-19-19	52008	18.87	19.45	19.57		99	CM	Bulk
19-19-19	52009	19.56	18.48	19.86		100	CM	Bulk
21-20-06	52002	21.87	20.32	7.27		101	CM	Bulk
27-13-13	52004	27.68	13.68	13.64		101	CM	Bulk
34-00-00	50979	33.53	0.00	0.00		100	Mat	Bulk
46-00-00	50980	46.08	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.30	97.48	103.24				
ALL SAMPLES,CV %		2.77	4.92	6.35				
NUMBER OF ANALYSIS		13	11	11				
Deficiency Rate = 14.29 %								
BURKESVILLE FERTILIZER CO. (GLAS)		GLASGOW KY 42141						
15-20-23	52030	14.70	19.55	23.96		97	CM	Bulk
17-15-20	52034	16.89	16.33	20.32		101	CM	Bulk
19-19-19	52038	19.31	19.79	19.58		101	CM	Bulk
21-16-16	52032	22.82	16.11	14.83 *		100	CM	Bulk
21-18-17	52035	20.19	18.14	18.95		99	CM	Bulk
23-10-10	52029	24.02	10.90	11.23		101	CM	Bulk
24-13-17	52033	26.06	13.51	16.38		102	CM	Bulk
27-13-13	52031	27.77	14.49	12.72		101	CM	Bulk
29-11-11	52036	31.41	12.24	10.61 *		103	CM	Bulk
32-09-09	52037	33.34	9.96	9.51		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.07	101.99	98.21				
ALL SAMPLES,CV %		3.45	3.69	5.34				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								
C F FARM SUPPLY, INC.		HISEVILLE KY 42152						
00-00-50	51508	0.00	0.00	51.20		102	Mat	Bulk
00-00-60	50279	0.00	0.00	59.79		100	Mat	Bulk
00-00-60	50394	0.00	0.00	62.83		105	Mat	Bulk
17-09-13	52933	17.37	8.88	14.61		101	CM	Bulk
18-07-08	51031+	18.01	7.58	8.46		101	CM	Bulk
18-07-24	52931	18.49	7.39	26.04		102	CM	Bulk
18-07-24	52932	17.81	7.30	26.97		102	CM	Bulk
18-46-00	50393	17.45	45.61	0.00		98	Mat	Bulk
20-10-10	51029+	19.91	10.31	12.12		100	CM	Bulk
20-10-10	51030+	20.18	9.73	11.81		99	CM	Bulk
22-12-12	50929	21.97	14.18	12.57		102	CM	Bulk
22-12-12	51023	22.38	12.72	13.11		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
C F FARM SUPPLY, INC.	HISEVILLE	KY 42152						
22-12-12	51028	21.77	13.48	13.63		102	CM	Bulk
23-11-11	51022	22.82	12.66	12.63		102	CM	Bulk
23-11-11	51024	22.88	12.70	12.27		102	CM	Bulk
23-11-11	51025	23.33	11.80	12.74		102	CM	Bulk
27-13-13	51026	26.87	14.08	14.23		101	CM	Bulk
34-00-00	50392	33.42	0.00	0.00		98	Mat	Bulk
46-00-00	51027	45.83	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.93	102.71	107.39				
ALL SAMPLES,CV %		1.68	6.53	3.78				
NUMBER OF ANALYSIS		16	14	16				
Deficiency Rate = 0.00 %								
CAMERON CHEMICALS, INC.	PORTSMOUTH	VA 23704						
00-00-00	51121+	0.00	0.00	0.00			Mat	Bag
00-00-00	51548+	0.00	0.00	0.00			Mat	Bag
00-00-00	52265+	0.00	0.00	0.00			Mat	Bag
00-00-00	52670+	0.00	0.00	0.00			Mat	Bag
00-00-00	52875+	0.00	0.00	0.00			Mat	Bag
00-00-00	53049+	0.00	0.00	0.00			Mat	Bag
00-00-00	53126+	0.00	0.00	0.00			Mat	Bag
00-00-00	53128+	0.00	0.00	0.00			Mat	Bag
00-00-00	53350+	0.00	0.00	0.00			Mnfr	Bag
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade :		9						
Average Analysis :		0.00	0.00	0.00		0.0		
CV, %		0	0	0				
CAMPBELLSVILLE CROP SVC.	CAMPBELLSVILLE	KY 42719						
11-21-27	52454	12.17	21.76	27.82		102	CM	Bulk
12-23-23	52451	12.39	23.61	24.37		101	CM	Bulk
13-13-13	52458	14.75	14.47	15.32		109	CM	Bulk
13-16-25	52455	13.96	17.19	25.45		102	CM	Bulk
13-21-24	52459	13.68	20.53	26.56		100	CM	Bulk
15-20-20	52453	15.21	19.75	21.16		100	CM	Bulk
17-17-17	52452	17.45	17.95	18.70		102	CM	Bulk
17-17-17	52456	17.95	18.42	17.88		103	CM	Bulk
19-19-19	52457	19.74	20.11	19.39		102	CM	Bulk
19-19-19	52460	19.09	19.08	20.67		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.70	101.15	104.11				
ALL SAMPLES,CV %		3	3.38	4.24				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
CASH VARIETY STORE	LORETTO	KY 40037						
00-00-60	50940	0.00	0.00	60.21		100	Mat	Bulk
04-04-04	52052	4.82	5.01	5.30		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS-CL	RV	Type	Form
CASH VARIETY STORE	LORETTO KY 40037							
09-09-09	52048	9.61	9.36	9.95		102	CM	Bulk
09-23-30	52045	8.79	22.71	30.44		100	CM	Bulk
09-23-30	52047	8.68	21.94	31.48		100	CM	Bulk
18-46-00	50941	17.99	45.87	0.00		100	Mat	Bulk
19-19-19	52043	18.18	19.39	20.95		100	CM	Bulk
19-19-19	52049	18.60	18.27	21.19		99	CM	Bulk
19-19-19	52051	17.92	19.34	20.54		100	CM	Bulk
21-15-20	52046	20.69	15.83	20.55		100	CM	Bulk
21-15-20	52050	20.57	15.53	21.21		100	CM	Bulk
26-13-13	52044	26.41	13.79	15.34		101	CM	Bulk
46-00-00	50942	46.13	0.00	0.00		100	Mat	Bulk

STAT. ANALYSIS FOR ALL SAMPLES

ALL SAMPLES,%GUAR 97.32 99.28 106.03

ALL SAMPLES,CV % 2.43 2.68 3.19

NUMBER OF ANALYSIS 12 11 11

Deficiency Rate = 0.00 %

CAYCE THOMAS FARM SUPP.	PRINCETON KY 42445							
00-00-60	50545	0.00	0.00	60.43		101	Mat	Bulk
05-23-32	50225	4.92	23.06	33.73		100	CM	Bulk
05-23-32	50226	4.88	22.67	33.68		99	CM	Bulk
06-28-26	50227	5.91	28.33	27.85		100	CM	Bulk
06-28-26	50228	5.90	28.91	28.54		102	CM	Bulk
10-26-26	51148	10.07	26.14	25.90		100	CM	Bulk
11-52-00	50542	11.31	52.55	0.00		101	Mat	Bulk
12-18-28	51934	13.45	19.09	27.74		101	CM	Bulk
12-30-19	51151	11.92	29.97	20.89		100	CM	Bulk
12-30-19	51152	11.93	29.85	21.02		100	CM	Bulk
18-46-00	50544	18.42	46.46	0.00		101	Mat	Bulk
19-19-19	51932	19.79	18.87	18.89		100	CM	Bulk
19-19-19	51933	18.64	20.39	18.50		99	CM	Bulk
21-15-20	51149	22.03	15.54	19.56		101	CM	Bulk
21-15-20	51150	22.02	15.12	19.70		101	CM	Bulk
46-00-00	50543	45.72	0.00	0.00		99	Mat	Bulk

STAT. ANALYSIS FOR ALL SAMPLES

ALL SAMPLES,%GUAR 100.04 99.42 101.26

ALL SAMPLES,CV % 2.9 2.48 3.65

NUMBER OF ANALYSIS 15 14 13

Deficiency Rate = 0.00 %

CECILIA FARM SVC INC.	CECILIA KY 42724							
00-00-60	50240	0.00	0.00	60.53		101	Mat	Bulk
00-14-38	50049+	0.00	14.80	40.53		103	CM	Bulk
00-26-25	50277	0.00	29.45	23.14 *		103	CM	Bulk
07-19-34	51288	7.78	19.82	34.39		100	CM	Bulk
09-23-30	51238	8.73	23.28	29.41		99	CM	Bulk
09-23-30	51242	8.77	22.99	29.51		99	CM	Bulk
09-23-30	51289	8.44	22.84	30.88		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
CECILIA FARM SVC INC.	CECILIA	KY 42724						
17-14-21	53168	17.10	14.13	22.67		102	CM	Bulk
18-20-19	51287	18.71	22.03	20.08		103	CM	Bulk
18-46-00	50615	18.31	46.19	0.00		101	Mat	Bulk
19-14-14	53167	18.45	13.94	15.67		100	CM	Bulk
19-18-19	51239	20.36	17.47	19.44		100	CM	Bulk
19-19-19	51243	19.38	20.30	18.51		100	CM	Bulk
22-07-20	53166	21.89	7.60	21.38		101	CM	Bulk
22-17-16	51241	22.59	16.15	17.07		99	CM	Bulk
27-13-13	51240	28.45	13.87	13.36		103	CM	Bulk
46-00-00	50276	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50616	45.75	0.00	0.00		99	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.03	100.98	101.12				
ALL SAMPLES,CV %		2.94	4.29	4.7				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate = 5.56 %								
CEN FARMERS SUP. OF GREEN	GREENSBURG	KY 42743						
00-00-60	50412	0.00	0.00	59.99		100	Mat	Bulk
07-19-34	51478	7.51	18.62	35.69		100	CM	Bulk
07-19-34	51479	8.11	20.68	34.03		102	CM	Bulk
09-18-27	52995	9.36	18.85	27.98	*	101	CM	Bulk
09-25-25	51740+	10.19	24.74	26.36		102	CM	Bulk
11-11-35	51745	11.45	11.82	36.18		101	CM	Bulk
14-06-09	52994	14.35	6.86	10.15		103	CM	Bulk
17-17-17	51471	18.30	18.53	17.25		102	CM	Bulk
17-17-17	51472	18.40	18.87	17.00		102	CM	Bulk
17-17-17	51473	18.47	17.37	17.22		100	CM	Bulk
17-17-17	51739	17.91	16.95	18.97		101	CM	Bulk
17-17-17	51742	17.40	16.61	17.60		99	CM	Bulk
Statistical Analysis for Grade : 17-17-17								
Number of Samples This Grade :		5						
Average Analysis :		18.10	17.67	17.61		100.9		
CV, %		2.46	5.6	4.49				
18-11-17	52993	18.85	11.64	18.01	*	102	CM	Bulk
18-46-00	50410	17.60	44.77	0.00		97	Mat	Bulk
19-15-15	51744	20.50	13.41 *	15.81		99	CM	Bulk
19-19-19	50927	20.08	20.57	19.13		103	CM	Bulk
19-19-19	50928	19.22	19.91	19.04		100	CM	Bulk
21-13-13	51477	21.86	13.66	13.27		100	CM	Bulk
21-17-17	51475	22.04	17.25	17.38		100	CM	Bulk
21-17-17	51476	21.27	17.98	18.66		101	CM	Bulk
21-17-17	51741	21.47	18.47	17.58		101	CM	Bulk
21-34-00	51470	21.42	35.11	0.00		99	CM	Bulk
28-13-13	50926	28.38	13.31	13.04		101	CM	Bulk
28-13-13	51474	29.08	13.40	12.15		102	CM	Bulk
28-13-13	51743	28.01	13.08	13.86		101	CM	Bulk
34-00-00	50413	33.82	0.00	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CEN FARMERS SUP. OF GREEN		GREENSBURG KY 42743						
46-00-00	50411	46.09	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.28	100.35	100.36				
ALL SAMPLES,CV %		2.32	4.54	3.44				
NUMBER OF ANALYSIS		26	24	23				
Deficiency Rate = 3.70 %								
CERES ENVIRO. SOLUTIONS IND, INC		VAUDREUIL, QUEBEC	CN J7V 5V5					
05-05-05	50801+	5.46	5.89	5.91		114	Blend	Bag
21-02-06	52214+	23.27	2.29	6.31		110	Blend	Bag
CHEMSICO, DIV OF UNITED INDUSTRIES		ST. LOUIS MO	63114					
06-12-12	53254	5.56	11.27	10.88 *		92 *	Mnfr	Bag
10-10-10	50034	10.83	11.85	11.77		114	Blend	Bag
10-10-10	50064	10.06	8.84 *	8.65 *		93 *	Blend	Bag
10-10-10	50065	10.03	10.67	11.56		106	Blend	Bag
10-10-10	50075	9.71	9.81	9.61		97	Blend	Bag
10-10-10	50082	9.73	9.25	10.92		98	Blend	Bag
10-10-10	50089	10.22	8.84 *	12.43		103	Blend	Bag
10-10-10	50090	10.57	8.45 *	12.65		104	Blend	Bag
10-10-10	50151	9.73	8.73 *	10.37		96 *	Blend	Bag
10-10-10	50154	9.32	9.08 *	9.16 *		92 *	Blend	Bag
10-10-10	50157	9.80	9.84	10.38		99	Blend	Bag
10-10-10	50158	9.93	7.72 *	8.78 *		89 *	Blend	Bag
10-10-10	50250	11.66	8.82 *	8.64 *		100	Blend	Bag
10-10-10	50251	11.00	9.16	10.37		103	Blend	Bag
10-10-10	50253	10.49	9.33	11.56		104	Blend	Bag
10-10-10	50341	9.99	9.94	10.59		101	Blend	Bag
10-10-10	50342	7.24 *	6.48 *	12.84		83 *	Blend	Bag
10-10-10	50795	9.00 *	8.23 *	9.77		90 *	Blend	Bag
10-10-10	50796	7.77 *	7.42 *	11.70		87 *	Blend	Bag
10-10-10	50891	8.86 *	9.27	11.45		97 *	Blend	Bag
10-10-10	50899	9.90	8.66 *	8.30 *		91 *	Blend	Bag
10-10-10	50901	9.23	7.97 *	7.64 *		84 *	Blend	Bag
10-10-10	50993	8.32 *	7.70 *	7.84 *		80 *	Blend	Bag
10-10-10	50997	8.87 *	9.64	11.20		97	Blend	Bag
10-10-10	51009	8.59 *	9.22	7.60 *		85 *	Blend	Bag
10-10-10	51167	10.09	10.60	9.91		102	Blend	Bag
10-10-10	51171	8.53 *	10.98	7.45 *		90 *	Blend	Bag
10-10-10	51175	10.00	10.14	9.25		98	Blend	Bag
10-10-10	51176	11.29	11.52	10.99		113	Blend	Bag
10-10-10	51499	12.46	11.76	11.56		120	Blend	Bag
10-10-10	51621	9.27	9.59	11.92		101	Blend	Bag
10-10-10	51631	9.57	8.52 *	8.66 *		90 *	Blend	Bag
10-10-10	51638	10.68	13.40	11.69		118	Blend	Bag
10-10-10	51991	8.90 *	7.84 *	10.03		89 *	Blend	Bag
10-10-10	51995	9.56	10.06	11.77		103	Blend	Bag
10-10-10	52215	8.45 *	8.11 *	7.10 *		80 *	Blend	Bag
10-10-10	52218	11.08	9.40	9.70		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

CHEMSICO, DIV OF UNITED INDUSTRIES		ST. LOUIS MO	63114					
10-10-10	52825	11.60	12.56	10.02		115	Blend	Bag
10-10-10	52828	9.53	9.22	8.62 *		92 *	Blend	Bag
10-10-10	52829	8.36 *	7.04 *	9.74		83 *	Blend	Bag
10-10-10	53020	10.31	11.05	10.62		106	Blend	Bag
10-10-10	53217	8.62 *	9.28	10.64		94 *	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 41								
Average Analysis :		9.74	9.41	10.13		97.3		
CV, %		11.25	15.69	15.18				
10-12-12	50324+	10.17	12.15	11.89		101	Blend	Liq
10-12-12	50802+	9.86	12.08	11.71		99	Blend	Liq
10-15-10	50325+	10.22	15.27	10.24		102	Blend	Liq
10-15-10	52561+	10.05	15.38	10.21		102	Mnfr	Liq
12-12-12	51016	7.93 *	6.88 *	13.17		75 *	Blend	Bag
13-13-13	51010	13.60	14.11	13.31		105	Blend	Bag
14-14-16	50339+	15.30	16.48	16.18		110	Blend	Bag
15-17-15	50326+	15.82	16.60	16.15		103	Mnfr	Bag
15-30-15	50630+	16.73	31.36	16.05		107	Mnfr	Bag
15-30-15	50935+	16.91	31.10	16.12		108	Mnfr	Bag
15-30-15	51998+	16.92	31.14	16.30		108	Blend	Bag
16-04-08	50076	16.18	3.73	7.56		99	Blend	Bag
16-04-08	51620	14.65 *	3.61	5.75 *		87 *	Blend	Bag
17-17-17	53215+	20.31	17.65	16.17		108	Mnfr	Bag
18-24-16	50140+	19.88	25.65	16.94		108	Blend	Bag
19-06-12	50621+	20.16	7.14	13.30		109	Blend	Bag
19-06-12	50629+	19.94	6.39	13.34		107	Blend	Bag
28-03-03	51736	29.01	3.26	3.29		104	Mnfr	Bag
28-03-08	50030+	28.45	3.45	7.64		102	Blend	Bag
28-03-08	50039+	29.22	2.95	8.40		104	Blend	Bag
28-03-08	50051+	27.64	3.72	8.55		101	Blend	Bag
28-03-08	50091+	27.84	3.03	9.58		102	Blend	Bag
28-03-08	50121+	27.42	3.40	8.60		100	Blend	Bag
Statistical Analysis for Grade : 28-03-08								
Number of Samples This Grade : 5								
Average Analysis :		28.11	3.31	8.56		101.8		
CV, %		2.59	9.6	8.1				
29-03-04	50102+	28.68	3.51	4.69		101	Blend	Bag
29-03-04	50805+	29.61	3.17	4.20		103	Blend	Bag
29-03-04	51504	28.64	2.97	4.18		99	Blend	Bag
34-00-00	50355	34.37	0.00	0.00		101	Blend	Bag
34-00-00	51498	34.50	0.00	0.00		101	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.30	97.86	102.21				
ALL SAMPLES,CV %		10.53	14.83	12.95				
NUMBER OF ANALYSIS		70	68	68				
Deficiency Rate = 37.14 %								

CLEMENTS AG SUPP.	SPRINGFIELD KY	40069						
00-00-60	52412	0.00	0.00	60.97		102	Mat	Bulk
11-00-41	52407+	11.89	0.00	43.19		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CLEMENTS AG SUPP.	SPRINGFIELD KY	40069						
17-00-33	52404+	16.84	0.00	34.37		101	CM	Bulk
18-46-00	52413	17.78	45.72	0.00		99	Mat	Bulk
19-19-19	52406	19.01	20.79	21.07		104	CM	Bulk
22-09-14	52410	21.35	9.36	17.34		102	CM	Bulk
25-09-09	52405	24.15	8.07 *	12.74		100	CM	Bulk
27-11-15	52416	27.33	12.04	15.65		101	CM	Bulk
27-11-15	52417	27.02	11.41	15.50		99	CM	Bulk
28-00-22	52418	28.44	0.00	23.47		101	CM	Bulk
40-00-00	52408	42.15	0.00	0.00		103	CM	Bulk
40-00-00	52409	41.85	0.00	0.00		103	CM	Bulk
46-00-00	52411	45.85	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.01	99.22	109.00				
ALL SAMPLES,CV %		2.33	7.95	9.77				
NUMBER OF ANALYSIS		12	6	9				
Deficiency Rate = 7.69 %								
CORBIN FARM/GARDEN CTR.	CORBIN KY	40701						
03-03-03	52464	3.62	4.11	3.96		100	CM	Bulk
05-10-15	53357	4.94	9.76	15.09		99	Blend	Bag
06-12-12	52461	6.82	13.13	12.66		109	Blend	Bag
10-10-10	52463	8.30 *	8.81 *	10.55		91 *	Blend	Bag
19-19-19	52462	18.94	19.01	19.08		100	Blend	Bag
19-19-19	52465	19.73	19.68	18.75		100	CM	Bulk
19-19-19	53356	18.78	20.97	18.48		102	Blend	Bag
CRITTENDEN FARM SUPP.	MARION KY	42064						
00-00-60	50838	0.00	0.00	60.22		100	Mat	Bulk
08-21-27	51814	8.51	21.36	28.77		102	CM	Bulk
09-23-30	51403	8.88	22.51	30.91		100	CM	Bulk
14-14-29	51817	13.25 *	13.19 *	32.17		99	CM	Bulk
15-20-24	51402	14.94	20.51	24.61		101	CM	Bulk
18-18-18	51406+	18.91	18.57	18.87		101	CM	Bulk
18-46-00	50836	18.01	45.70	0.00		100	Mat	Bulk
18-46-00	50837	18.28	45.95	0.00		101	Mat	Bulk
19-19-19	51813	19.39	18.99	19.45		100	CM	Bulk
27-11-14	51816	27.30	11.07	16.10		101	CM	Bulk
28-10-15	51404	27.01	13.94	14.80		103	CM	Bulk
28-10-15	51405	27.76	13.42	14.42		103	CM	Bulk
31-20-00	51815	31.58	19.86	0.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.15	103.89	102.37				
ALL SAMPLES,CV %		3.24	13.06	3.98				
NUMBER OF ANALYSIS		12	12	10				
Deficiency Rate = 7.69 %								
CROP PRODUCTION SVC INC (CAD)	CADIZ KY	42211						
04-12-12	50374	6.15	13.65	14.24		117	CM	Bulk
05-14-14	50372	6.60	14.82	16.21		108	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC (CAD)		CADIZ KY 42211						
05-14-14	50373	6.37	14.24	15.65		104	CM	Bulk
06-16-13	50329	7.35	16.49	14.45		107	CM	Bulk
06-16-13	50330	7.02	16.52	14.50		105	CM	Bulk
14-36-12	51157	13.84	34.71 *	14.36		99	CM	Bulk
19-19-19	51750	18.59	20.19	20.00		100	CM	Bulk
24-20-12	51751	24.48	20.07	12.56		101	CM	Bulk
24-20-12	51752	24.11	21.60	12.55		102	CM	Bulk
29-11-11	51749	30.40	12.80	11.08		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.91	102.83	106.43				
ALL SAMPLES,CV %		9.97	4.98	7				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
CROP PRODUCTION SVC INC (CLA)		CLARKSON KY 42726						
09-25-25	51808	10.37	25.64	26.23		103	CM	Bulk
14-14-23	53283	15.02	14.56	24.92		102	CM	Bulk
15-10-15	53309+	15.64	10.06	14.30		99	CM	Bulk
18-18-19	51748	18.63	18.32	19.11		100	CM	Bulk
19-19-20	51747	19.21	18.96	19.69		100	CM	Bulk
19-19-20	51805	19.54	19.42	19.34		101	CM	Bulk
19-19-20	51807	18.71	18.89	21.28		101	CM	Bulk
19-19-20	51809	19.17	19.51	20.25		101	CM	Bulk
19-19-20	51810	19.43	19.86	19.43		101	CM	Bulk
19-19-20	51811	18.80	20.52	18.86		100	CM	Bulk
19-19-20	51812	18.45	19.70	20.40		100	CM	Bulk
Statistical Analysis for Grade : 19-19-20								
Number of Samples This Grade : 7								
Average Analysis :		19.04	19.55	19.89		100.6		
CV, %		2.1	2.85	4.07				
22-04-22	53310	24.29	4.40	22.57		104	CM	Bulk
23-16-16	51746	24.00	16.48	16.13		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.22	102.29	99.80				
ALL SAMPLES,CV %		2.48	3.08	3.69				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 0.00 %								
CROP PRODUCTION SVC INC (CLA)		CLAY KY 42404-2167						
09-23-29	52074	10.05	24.39	26.33 *		99	CM	Bulk
09-23-30	52066	9.40	22.75	29.84		100	CM	Bulk
09-23-30	52067	8.61	23.21	29.94		99	CM	Bulk
09-23-30	52073	8.96	22.96	29.55		99	CM	Bulk
09-23-30	52075	8.66	22.03	30.98		99	CM	Bulk
14-14-14	52070	15.34	15.67	14.99		106	CM	Bulk
18-18-18	52072	17.89	18.07	19.34		98	CM	Bulk
19-19-19	52071	18.97	18.96	19.81		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC (CLA)		CLAY KY 42404-2167						
25-12-16	52068	23.91 *	14.02	17.72		100	CM	Bulk
25-12-16	52069	25.58	13.54	15.67		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.89	102.43	100.37				
ALL SAMPLES,CV %		5.8	5.71	5.6				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								
CROP PRODUCTION SVC INC (GAL)		GALESBURG IL 61402-1467						
00-00-50	52669	0.00	0.00	51.30		103	Mat	Bulk
00-00-50	52672	0.00	0.00	50.85		102	Mat	Bulk
00-00-50	52929	0.00	0.00	51.70		103	Mat	Bulk
00-00-60	50400	0.00	0.00	60.23		100	Mat	Bulk
00-00-60	50416	0.00	0.00	60.40		101	Mat	Bulk
00-00-60	50417	0.00	0.00	59.99		100	Mat	Bulk
00-00-60	50463	0.00	0.00	60.22		100	Mat	Bulk
00-00-60	50488	0.00	0.00	59.36		99	Mat	Bulk
00-00-60	50538	0.00	0.00	58.68		98	Mat	Bulk
00-00-60	50637	0.00	0.00	59.81		100	Mat	Bulk
00-00-60	50956	0.00	0.00	60.67		101	Mat	Bulk
00-00-60	50960	0.00	0.00	60.30		100	Mat	Bulk
00-00-60	50961	0.00	0.00	60.40		101	Mat	Bulk
00-00-60	50963	0.00	0.00	61.61		103	Mat	Bulk
00-00-60	51529	0.00	0.00	59.34		99	Mat	Bulk
00-00-60	51692	0.00	0.00	60.97		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 13								
Average Analysis :		0.00	0.00	60.15		100.3		
CV, %		0	0	1.25				
11-52-00	50539	10.89	52.24	0.00		100	Mat	Bulk
11-52-00	50958	10.81	51.75	0.00		99	Mat	Bulk
18-46-00	50401	18.01	45.84	0.00		100	Mat	Bulk
18-46-00	50415	18.00	45.57	0.00		99	Mat	Bulk
18-46-00	50431	18.10	44.90	0.00		99	Mat	Bulk
18-46-00	50461	18.07	45.70	0.00		100	Mat	Bulk
18-46-00	50486	17.74	44.88	0.00		98	Mat	Bulk
18-46-00	50540	17.71	45.99	0.00		99	Mat	Bulk
18-46-00	50638	18.11	45.66	0.00		100	Mat	Bulk
18-46-00	50955	17.99	44.92	0.00		98	Mat	Bulk
18-46-00	50957	17.44	45.41	0.00		98	Mat	Bulk
18-46-00	50962	17.98	45.95	0.00		100	Mat	Bulk
18-46-00	51526	17.92	45.39	0.00		99	Mat	Bulk
18-46-00	51527	17.80	45.71	0.00		99	Mat	Bulk
18-46-00	51528	17.91	45.72	0.00		99	Mat	Bulk
18-46-00	51530	17.78	45.23	0.00		98	Mat	Bulk
18-46-00	51691	17.53	45.36	0.00		98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC (GAL)		GALESBURG IL 61402-1467						
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade :		15						
Average Analysis :		17.87	45.48	0.00	99.0			
CV, %		1.13	0.81	0				
28-00-00	50490	28.20	0.00	0.00		101	Mat	Liq
28-00-00	51524	28.44	0.00	0.00		102	Mat	Liq
28-00-00	52671	28.20	0.00	0.00		101	Mat	Liq
32-00-00	52150	32.02	0.00	0.00		100	Mat	Liq
32-00-00	52668	31.83	0.00	0.00		99	Mat	Liq
34-00-00	50432	33.71	0.00	0.00		99	Mat	Bulk
44-00-00	50414	44.59	0.00	0.00		101	Mat	Bulk
46-00-00	50422	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	50462	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	50487	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50541	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50636	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	50959	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	50964	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51525	46.13	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade :		8						
Average Analysis :		46.04	0.00	0.00	100.1			
CV, %		0.36	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.70	99.00	100.69				
ALL SAMPLES,CV %		1.04	0.86	1.48				
NUMBER OF ANALYSIS		32	17	16				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC INC (HEN)		HENDERSON KY 42420						
08-20-32	52761	7.81	19.90	33.82		99	CM	Bulk
08-20-32	52762	8.04	20.72	33.59		101	CM	Bulk
09-23-20	52763	9.25	24.16	22.19		104	CM	Bulk

CROP PRODUCTION SVC INC (HOD)		HODGENVILLE KY 42748						
00-12-41	50261+	0.00	12.17	43.04		101	CM	Bulk
13-18-22	51284	13.91	19.90	22.82		103	CM	Bulk
17-11-17	53200	17.93	11.74	17.93		102	CM	Bulk
17-17-17	51234	18.14	18.42	17.52		102	CM	Bulk
17-23-17	51285	18.25	25.13	17.50		102	CM	Bulk
19-12-19	53169	20.24	12.89	20.08		101	CM	Bulk
19-19-19	51237	19.87	18.67	20.27		101	CM	Bulk
20-16-16	51300	21.58	17.93	16.26		102	CM	Bulk
20-17-20	51235	19.91	17.96	20.54		101	CM	Bulk
22-18-15	51286	23.12	18.99	15.69		101	CM	Bulk
24-15-15	51236	25.43	15.63	15.51		102	CM	Bulk
29-11-11	51233	30.00	11.95	12.81		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CROP PRODUCTION SVC INC (HOD)		HODGENVILLE KY 42748						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.24	101.72	101.59				
ALL SAMPLES,CV %		1.49	3.29	3.01				
NUMBER OF ANALYSIS		11	12	12				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC INC (HOR)		HORSECAVE KY 42749						
13-11-17	52930+	12.90	11.30	18.67		101	CM	Bulk
15-23-20	51086	15.46	22.87	21.68		100	CM	Bulk
15-38-09	51085	14.56	37.51	10.05		99	CM	Bulk
19-17-21	52928	18.82	16.52	22.75		100	CM	Bulk
20-10-18	52927+	20.51	11.06	20.31		103	CM	Bulk
24-15-15	51087	24.64	14.55	15.98		99	CM	Bulk
27-13-13	51088	26.93	13.36	14.09		100	CM	Bulk
28-12-12	51083	28.11	12.55	13.12		99	CM	Bulk
28-12-12	51089	27.82	13.10	13.02		99	CM	Bulk
28-12-12	51222	29.60	12.19	12.63		102	CM	Bulk
28-12-12	51223	29.28	12.47	12.94		102	CM	Bulk
38-12-00	51084	38.31	12.75	0.00		100	CM	Bulk
38-12-00	51090	38.14	13.13	0.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.21	99.39	104.41				
ALL SAMPLES,CV %		1.78	3.51	1.96				
NUMBER OF ANALYSIS		13	13	11				
Deficiency Rate = 0.00 %								

CROP PRODUCTION SVC INC (MAD)		MADISONVILLE KY 42431						
00-23-29	53005	0.00	23.65	29.80		101	CM	Bulk
00-23-29	53006	0.00	24.30	29.26		101	CM	Bulk
18-17-17	53003	20.69	14.02 *	19.30		102	CM	Bulk
30-11-11	53000	30.58	11.47	12.38		102	CM	Bulk
30-11-11	53001	27.01 *	11.55	15.96		99	CM	Bulk
30-11-11	53002	28.35 *	11.77	15.20		101	CM	Bulk
30-11-11	53004	30.26	11.76	13.79		104	CM	Bulk

CROP PRODUCTION SVC INC (MOR)		MORGANFIELD KY 42437						
17-17-17	52076	18.14	18.49	16.72		101	CM	Bulk

CROP PRODUCTION SVC INC (PEM)		PEMBROKE KY 42266						
05-26-11	50302	6.40	27.65	11.11		104	CM	Bulk
07-37-16	50167	8.14	37.51	17.45		101	CM	Bulk
07-37-16	50173	7.72	37.09	18.32		101	CM	Bulk
07-37-16	50174	7.76	37.57	17.75		101	CM	Bulk
10-25-26	50199	9.66	22.95 *	30.83		99	CM	Bulk
10-27-24	50303	10.79	27.45	24.82		101	CM	Bulk
10-27-24	52191	11.33	28.03	23.49		101	CM	Bulk
16-16-16	50200	15.94	16.21	18.13		99	CM	Bulk
27-16-11	51514	27.39	16.38	11.89		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
CROP PRODUCTION SVC INC (PEM)		PEMBROKE KY 42266						
31-12-06	52190	32.13	14.26	6.77		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.57	99.94	105.62				
ALL SAMPLES,CV %		5.21	5.76	5.78				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
CROP PRODUCTION SVC INC (RUS)		RUSSELLVILLE KY 42276						
10-25-26	50357	10.10	25.22	27.21		100	CM	Bulk
10-25-26	50358	10.42	25.90	26.65		102	CM	Bulk
12-32-15	50241	12.71	32.52	15.82		101	CM	Bulk
12-32-15	50242	13.00	33.16	15.57		102	CM	Bulk
13-13-13	52397+	11.45 *	15.33	14.66		98	CM	Bulk
13-33-16	51002	12.81	33.00	17.68		100	CM	Bulk
13-33-16	51003	12.91	33.26	17.14		100	CM	Bulk
13-33-16	51004	12.93	32.68	18.00		101	CM	Bulk
16-09-10	52398+	15.87	10.61	10.74		100	CM	Bulk
19-19-19	51001	18.93	18.92	20.67		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.77	101.96	103.89				
ALL SAMPLES,CV %		6.29	4.71	3.59				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
CROP PRODUCTION SVC INC (SLA)		SLAUGHTERS KY 42456						
09-09-09	52297	10.11	9.85	11.06		106	CM	Bulk
CROP PRODUCTION SVC INC (WAV)		WAVERLY KY 42462						
09-23-30	52077	8.23	24.43	28.81		99	CM	Bulk
09-23-30	52078	8.73	23.94	28.93		99	CM	Bulk
09-23-30	52079	8.99	24.16	28.65		100	CM	Bulk
09-23-30	52080	9.06	24.63	28.76		101	CM	Bulk
CUB RUN MILLING CO.	CUB RUN	KY 42729						
06-15-20	51982	6.20	15.45	19.95		101	CM	Bulk
08-08-08	51987	8.87	9.58	9.08		107	CM	Bulk
09-09-09	51981	9.15	9.30	10.76		105	CM	Bulk
09-09-09	51983	9.70	11.75	8.99		105	CM	Bulk
09-09-09	51988	8.99	10.17	10.09		101	CM	Bulk
17-17-17	51986	17.10	18.00	18.80		100	CM	Bulk
19-19-19	51980	20.13	20.43	16.60 *		100	CM	Bulk
19-19-19	51984	18.68	18.35	21.83		100	CM	Bulk
19-19-19	51985	20.09	19.48	19.59		102	CM	Bulk
21-18-17	51979	20.77	18.55	14.75 *		95 *	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

CUB RUN MILLING CO.	CUB RUN	KY 42729						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.78	104.98	101.19				
ALL SAMPLES,CV %		3.92	7.4	10.48				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								

DABNEY FEED SUPP	BRODHEAD	KY 40409						
07-20-33	52021	7.81	19.83	35.57		102	CM	Bulk
08-21-28	52025+	8.88	21.54	28.92		102	CM	Bulk
18-18-18	52024	18.42	18.82	19.74		104	CM	Bulk
19-19-19	52022	18.79	19.88	20.42		103	CM	Bulk
19-19-19	52026	18.57	19.25	20.74		102	CM	Bulk
19-19-19	52028	18.44	18.60	21.71		102	CM	Bulk
19-19-19	53224	19.35	19.32	20.13		103	CM	Bulk
22-00-29	52023	23.24	0.00	30.47		103	CM	Bulk
22-11-22	52027	22.93	10.93	22.48		102	CM	Bulk

DOMESTIC FERTILIZER INC.	PARIS	KY 40361						
10-13-13	50933	13.94	14.68	16.90		128	Blend	Bag
11-05-07	51015	14.48	7.98	10.01		139	Mnfr	Bag
15-07-06	50073	16.74	10.74	5.98		119	Blend	Bag

DRAKES FARM SVC.	MORGANTOWN	KY 42261-0308						
10-26-26	52296	10.24	26.09	26.14		100	CM	Bulk
11-00-45	52295	12.77	0.00	45.21		104	CM	Bulk
16-17-24	52293	15.57	19.31	25.01		101	CM	Bulk
18-17-22	52292	18.47	17.38	21.90		100	CM	Bulk
19-15-21	52297	20.82	15.35	21.22		101	CM	Bulk
19-15-21	52300	20.60	16.20	20.79		101	CM	Bulk
19-15-21	52301	20.96	15.58	20.34		100	CM	Bulk
19-15-21	52302	20.95	16.01	20.44		101	CM	Bulk
19-19-19	51326	20.36	20.12	19.62		104	CM	Bulk
19-19-19	52299	19.58	18.89	19.84		101	CM	Bulk
21-17-17	52294	22.29	18.10	17.00		101	CM	Bulk
23-15-16	52298	24.04	16.91	15.46		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.70	101.55	98.88				
ALL SAMPLES,CV %		4.11	3.73	2.34				
NUMBER OF ANALYSIS		12	11	12				
Deficiency Rate = 0.00 %								

DREXEL CHEMICAL CO.	MEMPHIS	TN 38113-0327						
00-00-00	51333+	0.00	0.00	0.00			Mat	Bag
00-00-00	51419+	0.00	0.00	0.00			Mat	Bag
00-00-00	51547+	0.00	0.00	0.00			Mat	Bag
00-00-00	51609+	0.00	0.00	0.00			Mat	Bag
00-00-00	51762+	0.00	0.00	0.00			Mat	Bag
00-00-00	52224+	0.00	0.00	0.00			Mat	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

DREXEL CHEMICAL CO.	MEMPHIS TN	38113-0327						
00-00-00	52264+	0.00	0.00	0.00			Mat	Bag
00-00-00	52510+	0.00	0.00	0.00			Mat	Bag
00-00-00	52768+	0.00	0.00	0.00			Mat	Bag
00-00-00	53051+	0.00	0.00	0.00			Mat	Bag
00-00-00	53343+	0.00	0.00	0.00			Mat	Bag
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade :		11						
Average Analysis :		0.00	0.00	0.00		0.0		
CV, %		0	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		0.00	0.00	0.00				
ALL SAMPLES,CV %		0	0	0				
NUMBER OF ANALYSIS		1	1	1				
Deficiency Rate = 0.00 %								

EASY GARDNER	WACO TX	76702-1025						
08-24-08	52744+	11.77	25.64	8.96		118	Mnfr	Bag
12-16-12	50280	15.35	21.22	9.90 *		120	Mnfr	Bag
12-16-12	51737	14.18	17.52	13.06		113	Mnfr	Bag

ELKTON CROP SVC.	GUTHRIE KY	42234						
08-27-24	50187	8.34	27.47	24.35		100	CM	Bulk
08-27-24	50188	8.39	27.55	23.85		100	CM	Bulk
08-27-24	50190	8.10	27.26	24.78		100	CM	Bulk
08-27-24	50191	8.33	27.45	24.58		100	CM	Bulk
09-30-20	50192	8.93	29.69	21.41		99	CM	Bulk
10-26-20	50195	10.44	26.37	21.19		99	CM	Bulk
10-26-20	50196	10.87	26.47	21.37		101	CM	Bulk
10-26-20	50197	10.56	26.12	21.79		100	CM	Bulk
10-26-20	50205	10.60	26.13	22.02		100	CM	Bulk
10-26-20	50206	10.14	25.85	21.50		98	CM	Bulk
Statistical Analysis for Grade : 10-26-20								
Number of Samples This Grade :		5						
Average Analysis :		10.52	26.19	21.57		99.7		
CV, %		2.52	0.93	1.54				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.62	98.43	102.82				
ALL SAMPLES,CV %		2.32	1.62	2.2				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

ESPOMA CO.	MILLVILLE NJ	08332						
03-05-07	50898+	4.11	6.02	8.64		126	Blend	Bag
04-06-04	50258+	4.84	5.46	3.97		104	Blend	Bag
04-06-06	50897+	4.67	5.96	6.34		107	Blend	Bag
04-07-10	50998+	3.69	8.90	14.61		126	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
ESPOMA CO.	MILLVILLE NJ 08332							
04-10-06	50257+	5.41	9.93	6.66		112	Blend	Bag
05-03-03	50037+	5.24	3.07	2.99		103	Blend	Bag
05-03-03	50256+	5.38	4.02	4.98		125	Blend	Bag
06-06-04	50297+	5.19 *	9.97	4.74		119	Mnfr	Bag
09-05-04	52857+	10.45	5.22	2.12 *		98	Blend	Bag
FAIRPLAY FERTILIZER	GLENSFORK KY 42741							
00-00-60	51005	0.00	0.00	59.87		100	Mat	Bulk
18-46-00	51006	17.89	46.04	0.00		100	Mat	Bulk
34-00-00	51008	33.32	0.00	0.00		98	Mat	Bulk
46-00-00	51007	46.03	0.00	0.00		100	Mat	Bulk
FARMERS CO-OP MIDWAY	MURRAY KY 42071							
07-19-34	51322	7.49	19.37	34.26		99	CM	Bulk
07-19-34	51377	7.53	19.77	35.26		101	CM	Bulk
09-23-30	51819	9.03	23.28	29.86		100	CM	Bulk
09-23-30	51820	8.97	22.71	30.43		100	CM	Bulk
09-23-30	52628	8.67	22.34	31.72		101	CM	Bulk
09-23-30	52629	8.72	22.86	31.19		101	CM	Bulk
12-19-25	51821	12.52	19.47	25.76		100	CM	Bulk
17-17-17	51818	17.08	17.75	18.62		100	CM	Bulk
17-17-17	51824	17.90	17.81	17.51		100	CM	Bulk
17-17-17	51825	17.84	17.43	17.98		100	CM	Bulk
23-11-11	51822	22.75	11.71	12.81		100	CM	Bulk
23-11-11	51823	22.53	10.95	12.78		98	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.30	98.62	102.85				
ALL SAMPLES,CV %		1.68	2.38	3				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								
FARMERS FERTILIZER CO.	BOWLING GREEN KY 42101							
17-17-16	51385	16.78	16.94	17.40		99	CM	Bulk
17-17-17	51389	19.22	15.65 *	17.19		101	CM	Bulk
18-18-18	51383	18.12	16.49 *	19.18		95 *	CM	Bulk
18-18-19	51382	18.92	18.71	21.23		104	CM	Bulk
19-14-09	51386	19.94	15.01	11.01		104	CM	Bulk
19-19-19	51381	17.99	19.36	19.74		99	CM	Bulk
19-19-19	51384	19.10	17.95	19.51		99	CM	Bulk
19-19-19	51387	18.15	20.07	19.64		101	CM	Bulk
26-15-13	51388	25.47	16.61	14.42		101	CM	Bulk
30-10-09	51390	30.61	9.13	9.48		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.52	98.22	105.13				
ALL SAMPLES,CV %		4.75	7.56	5.13				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								
FARMERS FERTILIZER CO.	BOWLING GREEN KY 42101							
15-15-15	51397	14.77	15.15	14.06		98	CM	Bulk
19-19-19	51396	19.15	18.21	19.51		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS-CL	RV	Type	Form
FARMERS FERTILIZER CO.		BOWLING GREEN KY 42101						
29-09-09	51399	30.33	10.04	9.79		103	CM	Bulk
30-14-09	51393	30.99	13.78	9.38		101	CM	Bulk
30-14-09	51394	31.35	13.29	9.37		101	CM	Bulk
30-14-09	51395	30.91	14.33	9.63		102	CM	Bulk
30-14-09	51398	31.32	14.21	9.20		102	CM	Bulk
30-14-09	51516	30.28	13.59	9.72		100	CM	Bulk
30-14-09	51517	30.35	14.13	9.37		100	CM	Bulk
30-14-09	51518	29.85	14.15	9.79		100	CM	Bulk
Statistical Analysis for Grade : 30-14-09								
Number of Samples This Grade : 7								
Average Analysis :		30.72	13.93	9.49		100.9		
CV, %		1.86	2.74	2.31				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.15	98.75	102.01				
ALL SAMPLES,CV %		1.85	2.8	3.43				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
FARMERS FERTILIZER CO.		SMITHS GROVE KY 42171						
00-46-00	50640	0.00	45.15	0.00		98	Mat	Bulk
04-11-43	51922	4.74	11.93	43.39		101	CM	Bulk
06-15-20	51927	21.08	15.33	0.69 *		111	CM	Bulk
11-23-22	51929	12.84	22.63	24.01		103	CM	Bulk
12-24-24	51931	13.34	24.51	24.70		105	CM	Bulk
12-30-20	51930	13.23	31.39	19.75		103	CM	Bulk
14-25-21	51923	14.72	24.48	23.16		103	CM	Bulk
19-19-19	51921	19.84	17.49 *	21.30		103	CM	Bulk
19-19-19	51924	19.90	18.17	20.68		103	CM	Bulk
30-10-10	51845	32.43	9.79	9.76		105	CM	Bulk
30-10-10	51928	32.20	10.57	10.56		107	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		131.97	99.40	93.90				
ALL SAMPLES,CV %		58.45	4.43	34.21				
NUMBER OF ANALYSIS		10	11	10				
Deficiency Rate = 18.18 %								
FARMERS GIN CO.		CLINTON KY 42031						
07-19-34	51210	7.80	20.68	33.22		100	CM	Bulk
07-19-34	51211	7.84	19.37	35.14		101	CM	Bulk
09-23-30	51207	9.51	24.25	28.85		101	CM	Bulk
09-23-30	51208	8.93	22.93	29.87		100	CM	Bulk
09-23-30	51209	9.05	23.69	29.60		101	CM	Bulk
09-23-30	51212	9.28	23.34	29.75		101	CM	Bulk
09-23-30	51213	9.28	23.08	30.41		101	CM	Bulk
09-23-30	51214	9.16	23.45	30.37		102	CM	Bulk
09-23-30	51215	8.49	23.95	30.05		100	CM	Bulk
09-23-30	51304	8.66	22.97	30.72		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
FARMERS GIN CO.	CLINTON KY 42031							
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :		9.05	23.46	29.95		100.8		
CV, %		3.76	2.04	1.94				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.67	101.91	99.81				
ALL SAMPLES, CV %		3.33	2.37	2.17				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
FELTY CROP SVC.	BEAVER DAM KY 42320							
09-23-30	53170	8.57	22.85	30.40		99	CM	Bulk
09-23-30	53264	8.90	22.87	30.94		101	CM	Bulk
14-13-15	53265	13.33 *	13.53	16.29		99	CM	Bulk
FLEMING CO FARM SUPP.	FLEMINGSBURG KY 41041							
00-00-51	51581	0.00	0.00	50.80		100	Mat	Bulk
00-00-51	51660	0.00	0.00	50.75		100	Mat	Bulk
00-00-61	51584	0.00	0.00	62.26		102	Mat	Bulk
00-00-61	51662	0.00	0.00	62.78		103	Mat	Bulk
09-09-09	52169	9.39	10.29	9.85		102	CM	Bulk
12-12-12	52168	12.47	13.00	13.46		100	CM	Bulk
14-14-14	52170	13.76	13.91	15.78		99	CM	Bulk
17-17-17	52171	16.84	17.22	17.70		99	CM	Bulk
18-46-00	51582	16.99	43.05 *	0.00		94 *	Mat	Bulk
18-46-00	51663	17.92	45.71	0.00		99	Mat	Bulk
19-19-19	52163	20.74	17.85 *	20.28		101	CM	Bulk
19-19-19	52164	19.36	20.38	19.76		101	CM	Bulk
19-19-19	52165	18.48	19.41	19.74		99	CM	Bulk
19-19-19	52166	19.15	18.23 *	20.86		99	CM	Bulk
19-19-19	52167	19.67	18.37	20.99		101	CM	Bulk
19-19-19	52235	19.30	18.46	20.98		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		19.45	18.78	20.44		100.4		
CV, %		3.83	5	2.89				
34-00-00	51585	32.69	0.00	0.00		98	Mat	Bulk
34-00-00	51661	33.57	0.00	0.00		100	Mat	Bulk
46-00-00	51583	45.66	0.00	0.00		99	Mat	Bulk
46-00-00	51664	45.96	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.48	97.77	104.33				
ALL SAMPLES, CV %		2.84	4.88	3.14				
NUMBER OF ANALYSIS		16	12	14				
Deficiency Rate = 15.00 %								
FRANKLIN CROP SVC.	FRANKLIN KY 42134							
08-20-33	50306	7.58	19.66	35.25		100	CM	Bulk
08-20-33	50307	7.36	19.59	35.25		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
FRANKLIN CROP SVC.	FRANKLIN KY 42134							
08-22-29	50245	8.10	20.92	30.67		98	CM	Bulk
09-23-30	50308	8.73	22.77	31.45		101	CM	Bulk
09-23-30	50309	8.85	22.72	31.25		101	CM	Bulk
09-23-30	50310	8.54	22.36	31.73		100	CM	Bulk
09-23-30	50318	8.27	21.81	32.40		99	CM	Bulk
09-23-30	50319	8.66	22.39	31.70		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :								
CV, %		8.61	22.41	31.71		100.1		
		2.56	1.71	1.36				
10-25-26	51871	10.02	25.92	26.61		101	CM	Bulk
18-18-18	51864	15.57 *	16.60 *	23.60		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		94.42	96.61	107.52				
ALL SAMPLES, CV %		4.26	2.92	7.56				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
FREE FLOW FERTILIZER CO.	MAUMEE OH 43537							
26-04-14	50036+	26.21	4.39	14.17		102	Blend	Bag
28-00-03	51329	26.62	0.00	6.45		101	Blend	Bag
28-03-03	50686	27.19	3.50	4.07		101	Blend	Bag
28-03-03	50804	27.63	3.36	3.25		100	Blend	Bag
28-03-03	53026	27.98	3.45	3.86		103	Blend	Bag
29-00-04	51331	31.63	0.00	3.81		108	Blend	Bag
29-03-03	52736	26.93 *	1.52 *	3.40		91 *	Blend	Bag
29-03-04	50619+	27.66	3.74	4.68		99	Blend	Bag
29-03-04	50679	29.07	4.20	4.21		103	Blend	Bag
29-03-04	50685+	28.43	3.06	4.25		99	Blend	Bag
29-03-04	50803+	29.35	3.19	4.54		102	Blend	Bag
29-03-04	50995+	34.09	1.66 *	3.53 *		112	Blend	Bag
29-03-04	51020+	29.63	3.19	4.22		103	Blend	Bag
29-03-04	51163+	28.75	3.61	4.55		102	Blend	Bag
Statistical Analysis for Grade : 29-03-04								
Number of Samples This Grade : 7								
Average Analysis :								
CV, %		29.57	3.24	4.28		102.7		
		7.09	24.73	8.94				
30-00-04	51330	30.31	0.00	4.95		103	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.55	104.91	118.03				
ALL SAMPLES, CV %		5.97	25.06	24.95				
NUMBER OF ANALYSIS		15	12	15				
Deficiency Rate = 13.33 %								
FRIT INDUSTRIES	OZARK AL 36361							
00-00-00	51122+	0.00	0.00	0.00			Mat	Bag
GAMALIEL BULK FERT.	GAMALIEL KY 42140							
17-17-16	51217	18.43	17.65	18.29		104	CM	Bulk
17-17-17	51216	18.32	18.28	19.43		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
GAMALIEL BULK FERT.	GAMALIEL KY 42140							
19-19-19	51116	20.24	19.13	19.33		102	CM	Bulk
19-19-19	51119	20.69	18.74	18.64		101	CM	Bulk
19-19-19	51218	20.39	19.65	18.58		102	CM	Bulk
19-19-19	52751	19.31	19.42	18.59		99	CM	Bulk
19-19-19	52752	19.09	18.09	20.21		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.94	19.01	19.07		100.3		
CV, %		3.52	3.23	3.73				
23-13-17	51114	25.04	11.97 *	16.16 *		100	CM	Bulk
24-13-17	51120	27.58	11.98 *	15.72 *		102	CM	Bulk
27-11-15	51118	28.34	11.67	15.06		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		104.00	98.00	99.77				
ALL SAMPLES,CV %		3.75	5.07	6.29				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								
GRANT CO FARM SUPP.	DRY RIDGE KY 41035							
05-10-15	53045	4.95	9.98	14.37		97	Blend	Bag
09-18-27	53336	9.39	19.13	28.13		102	CM	Bulk
13-33-13	53328	12.45	32.64	14.98		99	CM	Bulk
19-08-22	53329	20.06	9.65	23.13		103	CM	Bulk
19-19-19	53044	19.55	20.30	18.07		102	Blend	Bag
GRAVES CO SOIL ASSOC.	MAYFIELD KY 42066							
09-23-30	51037	8.76	22.54	31.12		100	CM	Bulk
09-23-30	51038	9.16	22.74	31.03		101	CM	Bulk
09-23-30	51039	9.12	23.05	30.86		102	CM	Bulk
09-23-30	51040	9.22	23.21	30.70		102	CM	Bulk
09-23-30	51427	8.68	22.84	30.17		99	CM	Bulk
09-23-30	51428	8.66	22.01	30.98		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		8.93	22.73	30.81		100.6		
CV, %		2.91	1.87	1.12				
10-17-30	51429	11.90	20.03	27.16 *		102	CM	Bulk
11-30-20	51041	12.04	30.54	20.58		101	CM	Bulk
23-15-10	51426	22.65	14.99	9.88		98	CM	Bulk
24-09-12	51425	24.10	9.97	11.28		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.45	101.58	99.98				
ALL SAMPLES,CV %		3.61	5.92	4.45				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
GREAT SALT LAKE MINERALS	OGDEN UT 84402							
00-00-50	52951	0.00	0.00	50.56		101	Mat	Bulk
GREEN CHARGER FERT CORP.	RICHMOND VA 23260							
06-24-24	51614	6.66	22.96	25.52		102	Blend	Bag
15-15-15	52667	15.21	16.13	15.08		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
GREEN CHARGER FERT CORP.		RICHMOND VA 23260						
34-00-00	50731	34.29	0.00	0.00		101	Mat	Bag
GREEN LIGHT	SAN ANTONIO TX 78216							
12-55-06	50282+	11.96	55.21	7.02		101	Mnfr	Bag
12-55-06	50338+	11.79	54.70	7.82		101	Blend	Bag
12-55-06	51495+	11.32	54.60	5.90		98	Mnfr	Bag
19-06-12	50333+	19.23	5.98	12.47		102	Blend	Bag
19-06-12	50799+	19.01	3.78 *	11.51		94 *	Blend	Bag
19-06-12	52743+	19.25	4.55 *	14.28		102	Blend	Bag
GREEN RIVER FEED MILL	MORGANTOWN KY 42261							
08-22-22	51903	8.73	22.33	22.85		98	CM	Bulk
18-17-22	51906	18.12	17.06	22.33		99	CM	Bulk
19-19-19	51907	18.59	18.68	20.54		99	CM	Bulk
22-13-17	51905	22.74	13.66	17.53		101	CM	Bulk
22-16-16	51904	21.94	17.07	17.53		99	CM	Bulk
23-15-15	51325	23.41	15.56	14.34		99	CM	Bulk
23-15-15	51908	23.15	15.05	15.93		100	CM	Bulk
25-14-15	51327	25.77	14.29	15.48		100	CM	Bulk
25-14-15	51328	24.97	15.11	15.67		100	CM	Bulk
31-07-13	52291	30.37	7.04	15.10		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.33	99.87	102.52				
ALL SAMPLES,CV %		1.93	2.62	3.81				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
GREENLEAF PLANT FOOD	DANVILLE KY 40423							
00-00-50	51522	0.00	0.00	50.86		102	Mat	Bulk
00-00-60	51523	0.00	0.00	59.80		100	Mat	Bulk
00-20-20	52968	0.00	15.58 *	21.25		91 *	Blend	Bag
02-00-08	53114	2.99	0.00	9.22		110	CM	Bulk
05-10-15	52468	4.67	9.42	16.37		102	Blend	Bag
05-10-15	52734	5.32	10.04	15.30		102	Blend	Bag
05-15-39	53109+	5.13 *	12.89 *	44.13		100	CM	Bulk
05-20-20	52128	5.82	16.93 *	22.49		101	Blend	Bag
05-20-20	52467	4.34 *	17.50 *	20.56		93 *	Blend	Bag
06-12-12	50820	5.46 *	11.04 *	11.74		94 *	Blend	Bag
06-12-12	52201	5.34 *	10.98 *	11.60		93 *	Blend	Bag
06-12-12	52967	5.31 *	10.62 *	12.83		95 *	Blend	Bag
10-10-10	50822	8.84 *	9.36	9.32		91 *	Blend	Bag
10-10-10	51560	9.02 *	10.21	10.37		97	Blend	Bag
10-10-10	51693	9.56	9.22	10.77		98	Blend	Bag
10-10-10	52126	8.26 *	8.29 *	10.60		89 *	Blend	Bag
10-10-10	52414	8.39 *	9.06 *	10.03		90 *	Blend	Bag
10-10-10	52546	9.55	9.52	9.48		95 *	Blend	Bag
10-10-10	52806	7.15 *	8.01 *	11.69		86 *	Blend	Bag
10-10-10	52981	10.21	9.03 *	10.82		100	Blend	Bag
10-10-10	53227	8.88 *	8.07 *	14.59		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

GREENLEAF PLANT FOOD DANVILLE KY 40423								
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 9								
Average Analysis :		8.87	8.97	10.85		94.4		
CV, %		10.01	8.13	14.51				
10-20-20	50973	10.02	19.61	19.95		99	Blend	Bag
11-05-12	53113+	11.45	5.67	12.33	*	104	CM	Bulk
12-12-12	50821	11.39	11.10	12.26		96 *	Blend	Bag
12-12-12	52980	11.23	10.98 *	12.00		95 *	Blend	Bag
15-15-15	52127	14.03	13.95	15.93		97 *	Blend	Bag
15-15-15	52545	14.51	14.50	14.78		97	Blend	Bag
15-15-15	52732	15.76	14.06	14.56		100	Blend	Bag
15-15-15	52834	14.26	14.20	15.82		98	Blend	Bulk
15-15-15	53228	14.14	12.83 *	16.56		96 *	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade : 5								
Average Analysis :		14.54	13.91	15.53		97.5		
CV, %		4.85	4.58	5.4				
18-46-00	51521	18.04	46.16	0.00		100	Mat	Bulk
19-19-19	50976	20.23	17.64 *	18.70		100	Blend	Bag
19-19-19	51557	16.77 *	19.09	20.79		98	Blend	Bulk
19-19-19	51558	16.64 *	18.72	21.09		97	Blend	Bulk
19-19-19	51559	18.09	18.77	19.85		99	Blend	Bag
19-19-19	52415	17.95	18.46	21.08		100	Blend	Bag
19-19-19	52733	19.64	18.01	18.95		100	Blend	Bag
19-19-19	52832	17.27 *	16.50 *	23.43		98	Blend	Bulk
19-19-19	52833	17.86	17.19 *	22.08		99	Blend	Bulk
19-19-19	52966	12.30 *	17.02 *	29.84		97 *	Blend	Bag
19-19-19	52982	18.64	18.35	21.52		102	Blend	Bag
19-19-19	53226	18.46	16.46 *	22.51		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 11								
Average Analysis :		17.62	17.84	21.80		99.0		
CV, %		11.79	5.24	13.88				
20-00-32	53110	21.16	0.00	34.20		103	CM	Bulk
20-00-32	53111	22.87	0.00	32.28		104	CM	Bulk
20-00-33	52934	20.94	0.00	33.58		102	CM	Bulk
25-10-00	53115	29.46	10.68	0.00		110	CM	Bulk
30-00-20	53112	31.06	0.00	21.49		103	CM	Bulk
46-00-00	51520	46.02	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.60	92.37	107.15				
ALL SAMPLES,CV %		10.77	7.18	10.91				
NUMBER OF ANALYSIS		45	40	45				
Deficiency Rate = 54.17 %								

GRIFFIN INDUSTRIES INC. COLD SPRING KY 41076-1821								
05-06-06	50162+	6.04	7.05	5.61		113	Blend	Bag
07-01-14	50164+	7.51	3.56	12.66 *		111	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
GRIFFIN INDUSTRIES INC.		COLD SPRING KY 41076-1821						
08-03-05	50165+	8.30	3.25	5.43		106	Blend	Bag
10-02-08	50166+	9.76	2.32	8.50		102	Blend	Bag
12-02-06	50163+	12.24	2.87	5.79		105	Blend	Bag
GRO TEC INC.		MADISON GA 30650-1821						
00-00-00	50936	0.02	0.04	0.10			Blend	Liq
06-10-10	50139	5.33 *	7.70 *	8.94 *		84 *	Blend	Bag
06-10-10	50624	5.94	9.67	10.82		101	Blend	Bag
06-10-10	52041	5.86	9.40	10.72		99	Blend	Bag
06-12-00	53231+	5.29 *	16.61	0.00		117	Blend	Bag
08-10-08	50035	9.04	11.58	8.13		112	Blend	Bag
08-12-04	50052	7.94	11.46	4.23		98	Blend	Bag
08-12-04	50062	8.21	12.62	4.90		106	Blend	Bag
08-12-04	50137	8.19	12.45	5.01		106	Blend	Bag
08-12-04	50149	8.55	12.72	4.80		108	Blend	Bag
09-09-06	50138	9.19	8.43	6.18		99	Blend	Bag
09-12-12	52042	9.91	11.26	11.57		101	Blend	Bag
10-06-04	50682	8.93 *	5.20 *	4.69		93 *	Blend	Bag
10-06-04	50808	9.32	6.04	4.44		98	Blend	Bag
10-06-08	53229	11.14	9.49	7.64		117	Blend	Bag
10-10-10	50680	9.78	10.75	10.33		102	Blend	Bag
10-10-10	50683	9.32	9.69	10.88		99	Blend	Bag
10-10-10	50809	11.14	10.67	10.40		108	Blend	Bag
10-10-10	50893	11.73	11.39	9.58		110	Blend	Bag
10-10-10	51169	12.88	11.75	11.29		121	Blend	Bag
10-10-10	51992	9.37	9.77	10.07		97 *	Blend	Bag
10-10-10	52216	10.27	10.02	9.62		100	Blend	Bag
10-10-10	52219	12.85	11.58	12.23		123	Blend	Bag
10-10-10	52220	13.08	11.81	10.61		120	Blend	Bag
10-10-10	52679	9.01 *	9.42	10.89		96 *	Blend	Bag
10-10-10	52684	9.23	9.66	10.88		98	Blend	Bag
10-10-10	52824	10.43	10.31	10.89		105	Blend	Bag
10-10-10	52826	9.22	9.33	11.04		97	Blend	Bag
10-10-10	53022	9.56	9.96	10.16		98	Blend	Bag
10-10-10	53023	8.62 *	9.72	10.79		95 *	Blend	Bag
10-10-10	53024	9.57	9.97	9.88		98	Blend	Bag
10-10-10	53025	10.58	10.07	10.39		104	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 17								
Average Analysis :		10.39	10.34	10.58		104.3		
CV, %		13.94	8.01	6.17				
12-00-00	53230+	15.05	0.00	0.00		125	Blend	Bag
18-24-06	50079+	17.92	24.11	6.36		100	Blend	Bag
18-24-06	50095+	18.15	24.06	6.11		101	Blend	Bag
18-24-06	50155+	17.27	21.54 *	6.07		94 *	Blend	Bag
18-24-06	50249+	17.61	26.73	6.07		104	Blend	Bag
18-24-06	50347+	17.76	22.85	5.91		97	Blend	Bag
18-24-06	50348+	16.52 *	22.55	7.04		95 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

GRO TEC INC. MADISON GA 30650-1821								
Statistical Analysis for Grade : 18-24-06								
Number of Samples This Grade : 6								
Average Analysis :		17.54	23.64	6.26		98.5		
CV, %		3.31	7.61	6.5				
28-03-03	52823	26.59	3.13	4.40		99	Blend	Bag
28-03-04	50994+	26.54	3.35	5.28		99	Blend	Bag
28-03-04	51165+	31.16	3.02	3.87		110	Blend	Bag
28-03-04	52559+	29.90	3.94	4.63		109	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.04	106.26	117.55				
ALL SAMPLES,CV %		11.01	19.24	52.91				
NUMBER OF ANALYSIS		43	42	41				
Deficiency Rate = 18.60 %								

HANCOCK COUNTY FARM HAWESVILLE KY 42348								
18-06-09	53263	18.58	8.39	10.96		109	CM	Bulk

HARDINSBURG FARM SUPP HARNED KY 40144								
07-08-12	53275	7.17	8.55	13.96		102	CM	Bulk
12-00-12	53274	12.28	0.00	11.99		96 *	CM	Bulk
19-19-18	52359	18.87	19.27	20.22		100	CM	Bulk
19-19-19	52355	19.27	18.91	20.06		100	CM	Bulk
20-27-10	52360	19.93	27.32	12.22		99	CM	Bulk
21-17-17	52353	21.06	17.58	18.32		99	CM	Bulk
21-21-15	52358	20.45	20.75	16.46		99	CM	Bulk
25-14-14	52354	27.96	14.71	12.32	*	102	CM	Bulk
25-14-14	52356	25.10	14.08	16.34		100	CM	Bulk
27-09-03	53276	27.79	8.93	4.39		100	CM	Bulk
27-18-00	52361	27.33	18.71	0.00		100	CM	Bulk
27-18-00	52362	27.35	18.09	0.00		99	CM	Bulk
29-12-12	52357	29.27	12.34	12.00		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.42	98.42	103.75				
ALL SAMPLES,CV %		3.96	2.53	8.14				
NUMBER OF ANALYSIS		13	12	11				
Deficiency Rate = 15.38 %								

HELENA CHEMICAL COMPANY COLLIERSVILLE TN 38017								
06-20-05	51511+	6.54	19.36	5.06		101	Mnfr	Liq
32-00-00	51513	32.07	0.00	0.00		100	Mat	Liq

HENRY FARMERS COOP PARIS TN 38242								
00-00-60	50470	0.00	0.00	59.84		100	Mat	Bulk
18-46-00	50472	18.05	45.49	0.00		99	Mat	Bulk
34-00-00	50471	33.91	0.00	0.00		100	Mat	Bulk

IRONITE PRODUCTS HUMBOLDT AZ 86329								
01-00-00	51011+	1.89	0.00	0.00	189	Mnfr	Bag	
07-06-06	50144+	6.70	6.30	5.95	99	Blend	Liq	

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

IRONITE PRODUCTS	HUMBOLDT AZ	86329						
07-06-06	50894+	6.91	6.01	5.56		98	Blend	Liq
12-10-10	50141+	11.60	10.62	8.76 *		98	Blend	Bag
12-10-10	50248+	11.48	10.72	8.82 *		98	Blend	Bag

JANES FERT/FARM	COLUMBIA KY	42728						
19-19-19	52114	19.95	20.49	18.28		101	CM	Bulk
19-19-19	52115	20.35	21.08	18.37		103	CM	Bulk
19-19-19	52116	20.03	20.40	18.55		102	CM	Bulk
19-19-19	52117	20.73	22.12	16.25 *		103	CM	Bulk
24-10-20	52118	25.36	10.88	19.75		103	CM	Bulk
26-17-11	52119	25.55	17.86	12.30		99	CM	Bulk
27-13-13	52113	27.65	14.21	13.49		101	CM	Bulk
27-13-13	52121	27.20	14.99	13.95		102	CM	Bulk
27-13-13	52122	27.56	13.18	14.07		101	CM	Bulk
27-20-06	52120	27.72	21.52	7.40		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.82	105.13	99.28				
ALL SAMPLES,CV %		2.67	4.65	6.65				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

JEFFERSONVILLE RIVER TERMINAL	JEFFERSONVILLE IN	47130						
00-00-50	52438	0.00	0.00	50.42		101	Mat	Bulk
00-00-60	51600	0.00	0.00	61.41		102	Mat	Bulk
18-46-00	50817	17.98	46.08	0.00		100	Mat	Bulk
18-46-00	51598	17.53	45.75	0.00		99	Mat	Bulk
46-00-00	50816	45.68	0.00	0.00		99	Mat	Bulk
46-00-00	51599	46.20	0.00	0.00		100	Mat	Bulk

KEES FARM SVC	GRAYSON KY	41143						
00-00-60	51650	0.00	0.00	60.57		101	Mat	Bulk
04-09-14	53195	5.59	10.99	15.46		110	CM	Bulk
06-12-18	53162	6.45	13.40	18.05		99	CM	Bulk
09-18-27	53163	9.38	18.52	28.07		101	CM	Bulk
18-46-00	51649	17.36	45.86	0.00		99	Mat	Bulk
19-19-19	53075	19.20	20.63	19.27		101	CM	Bulk
19-19-19	53196	19.51	19.59	20.00		102	CM	Bulk
19-19-19	53197	19.58	20.02	19.18		101	CM	Bulk
19-19-19	53198	19.46	19.87	20.00		102	CM	Bulk
22-04-22	53164	22.76	4.53	23.08		102	CM	Bulk
32-00-17	53165	32.82	0.00	18.41		102	CM	Bulk
32-00-17	53194	33.26	0.00	17.94		102	CM	Bulk
46-00-00	51651	45.91	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

KES FARM SVC .	GRAYSON KY 41143							
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.94	104.71	102.27				
ALL SAMPLES,CV %		3.7	4.45	3.68				
NUMBER OF ANALYSIS		12	9	11				
Deficiency Rate = 0.00 %								

KNOX FERTILIZER CO., INC.	KNOX IN 46534							
10-06-04	50900	9.82	6.26	4.31		101	Blend	Bag
10-06-04	51502	9.15	6.47	4.27		98	Blend	Bag
10-10-10	51179	10.34	11.51	11.38		110	Blend	Bag
10-10-10	51501	11.41	11.73	11.07		114	Blend	Bag
12-12-12	50990	11.46	11.48	12.66		98	Blend	Bag
15-30-15	50989+	17.68	29.32	15.84		106	Blend	Bag
27-03-03	50991+	25.67	3.45	3.52		98	Blend	Bag
27-03-03	51170	27.97	3.19	3.40		104	Blend	Bag
27-03-03	51178	26.57	3.44	3.50		101	Blend	Bag
27-03-03	51500	27.02	3.03	3.26		101	Blend	Bag
27-03-03	51637	27.30	2.95	5.29		105	Blend	Bag
Statistical Analysis for Grade : 27-03-03								
Number of Samples This Grade : 5								
Average Analysis :		26.91	3.21	3.79		101.8		
CV, %		3.19	7.15	22.21				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.71	106.66	116.58				
ALL SAMPLES,CV %		7.83	7.43	17.38				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								

LEBANON SEABOARD	LEBANON PA 17042							
08-04-24	52706+	12.03	4.00	21.35 *		104	Mnfr	Bag
10-16-20	50260+	10.37	15.62	19.92		100	Mnfr	Bag
17-03-17	52705+	17.10	2.60	19.00		105	Blend	Bag
18-03-12	52710+	16.05 *	5.70	13.39		104	Mnfr	Bag
18-03-18	50954+	19.27	3.00	19.10		106	Blend	Bag
20-04-10	52702+	19.27	4.54	10.08		99	Mnfr	Bag
21-03-16	52703+	21.77	3.26	15.07		100	Blend	Bag
24-03-12	52704+	23.22	4.43	13.16		104	Blend	Bag
25-03-03	52518	24.31	4.50	6.48		109	Blend	Bag
26-02-08	51166+	24.95	3.40	9.31		102	Blend	Bag
26-02-08	51177+	26.61	2.26	8.14		103	Blend	Bag
26-02-08	51632+	24.51	2.50	9.36		99	Blend	Bag
26-02-08	51635+	26.78	2.12	7.89		102	Blend	Bag
26-02-08	51994+	26.76	1.98	8.43		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

LEBANON SEABOARD LEBANON PA 17042								
Statistical Analysis for Grade : 26-02-08								
Number of Samples This Grade : 5								
Average Analysis :		25.92	2.45	8.63		101.9		
CV, %		4.25	22.99	7.83				
30-04-04	50259+	23.58 *	9.35	7.53		98	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.46	129.38	117.72				
ALL SAMPLES,CV %		15.03	31.97	30.16				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate = 20.00 %								

LESCO INC. CLEVELAND OH 44114-1849								
13-02-05	50987	13.08	4.00	5.75		111	Blend	Bag
18-24-12	50176	17.90	25.76	13.70		105	Blend	Bag
18-24-12	50986	18.38	25.72	12.39	*	104	Blend	Bag
18-24-12	51044+	18.20	24.04	13.84		104	Blend	Bag
18-24-12	51283	18.16	24.81	13.25		104	Blend	Bag
19-00-06	51000	18.84	0.00	6.58		101	Blend	Bag
19-00-07	51045	19.52	0.00	6.77		102	Blend	Bag
19-19-19	50215	19.51	19.49	18.53		101	Blend	Bag
24-00-11	50028+	24.02	0.00	10.39		99	Blend	Bag
24-02-11	51623+	21.37 *	2.54	10.38		92	Blend	Bag
24-05-11	50988+	23.42	6.83	11.66		103	Blend	Bag
30-03-07	50029+	29.22	3.46	8.25		101	Blend	Bag
32-03-08	50027+	30.35 *	4.19	10.92		102	Blend	Bag
32-03-08	50216+	31.32	4.74	9.83		104	Blend	Bag
32-05-07	50177	31.07	6.98	9.35		104	Blend	Bag
34-03-11	50178	33.85	3.17	11.48		101	Blend	Bag
34-03-11	50217	33.22	3.26	12.25		100	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.82	125.08	110.79				
ALL SAMPLES,CV %		3.36	22.43	11.18				
NUMBER OF ANALYSIS		17	14	17				
Deficiency Rate = 11.76 %								

LILLY MILLER BRANDS CLACKAMAS OR 97015								
05-01-01	53216	4.93	1.68	0.08 *		97	Mnfr	Liq

MARSHALL COUNTY SOIL BENTON KY 42025								
09-23-30	51912	9.12	22.94	30.19		100	CM	Bulk
16-35-09	52476	16.53	35.53	9.63		101	CM	Bulk
17-17-17	52475	18.67	17.13	17.59		101	CM	Bulk
19-10-20	52477	19.39	10.55	19.81		101	CM	Bulk
21-12-14	51913	22.67	12.85	14.69		104	CM	Bulk
22-13-12	51914	24.09	13.36	11.99		104	CM	Bulk

MARTIN MARIETTA MANISTEE MI 49660								
00-00-00	52843+	0.00	0.00	0.00			Mat	Bag
00-00-00	53363+	0.00	0.00	0.00			Mat	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MARTIN MARIETTA	MANISTEE MI 49660							

MATHIS FARM SUPP.	MELBER KY 42069							
00-00-60	50607	0.00	0.00	59.01		98	Mat	Bulk
07-19-34	51915	8.65	20.07	33.48		102	CM	Bulk
07-19-34	51919	7.81	20.24	33.09		99	CM	Bulk
08-20-33	51371	7.79	20.56	34.12		101	CM	Bulk
08-20-33	51372	8.00	20.78	33.96		101	CM	Bulk
09-23-30	52433	8.69	22.55	31.67		101	CM	Bulk
09-23-30	52434	8.78	23.54	30.84		102	CM	Bulk
13-15-26	52436	12.87	15.36	27.78		100	CM	Bulk
13-15-26	52437	12.83	14.77	28.78		100	CM	Bulk
17-23-15	52435	16.80	22.81	16.38		100	CM	Bulk
18-46-00	50608	17.92	44.74	0.00		98	Mat	Bulk
21-11-15	51916	21.66	11.15	14.36		99	CM	Bulk
24-09-12	51917	23.55	9.58	12.16		100	CM	Bulk
24-09-12	51918	24.07	9.41	12.94		102	CM	Bulk
27-11-15	51422	27.04	12.03	15.36		100	CM	Bulk
34-00-00	50609	33.05	0.00	0.00		97	Mnfr	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.98	100.57	102.41				
ALL SAMPLES,CV %		4.21	2.66	4.19				
NUMBER OF ANALYSIS		15	14	14				
Deficiency Rate = 0.00 %								

MAYFIELD GRAIN CO.	MAYFIELD KY 42066							
00-00-60	50452	0.00	0.00	59.79		100	Mat	Bulk
00-00-60	50502	0.00	0.00	59.87		100	Mat	Bulk
09-23-30	51035	9.00	23.09	30.72		101	CM	Bulk
09-23-30	51036	8.72	22.69	31.14		101	CM	Bulk
09-23-30	51430	8.56	22.53	30.89		100	CM	Bulk
09-23-30	51431	8.99	22.71	31.37		101	CM	Bulk
09-23-30	51432	8.77	22.97	31.14		101	CM	Bulk
09-23-30	51480	8.82	22.77	31.10		101	CM	Bulk
09-23-30	52419	9.04	22.93	30.51		101	CM	Bulk
09-23-30	52420	9.00	23.44	29.69		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade :		8						
Average Analysis :		8.86	22.89	30.82	100.7			
CV, %		1.94	1.24	1.72				
10-27-24	51034	8.11 *	21.42 *	32.93		97 *	CM	Bulk
11-29-21	51032	11.61	30.28	21.27		101	CM	Bulk
11-29-21	51033	10.46	28.26	23.79		99	CM	Bulk
18-46-00	50453	18.09	46.26	0.00		101	Mat	Bulk
18-46-00	50504	17.90	46.33	0.00		100	Mat	Bulk
32-00-00	52151	31.83	0.00	0.00		99	Mat	Liq
34-00-00	50451	33.52	0.00	0.00		99	Mat	Bulk
34-00-00	50503	34.38	0.00	0.00		101	Mat	Bulk
46-00-00	50454	46.20	0.00	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

MAYFIELD GRAIN CO.	MAYFIELD KY 42066							
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.38	98.12	104.94				
ALL SAMPLES,CV %		6.44	6.53	9.65				
NUMBER OF ANALYSIS		17	13	13				
Deficiency Rate = 5.26 %								

MAYFIELD GRAIN HWY 94	WINGO KY 42088							
09-23-30 51199		8.73	22.32	31.63		101	CM	Bulk
09-23-30 51200		8.92	22.97	30.31		100	CM	Bulk
09-23-30 51201		8.75	22.36	31.56		101	CM	Bulk
09-23-30 52379		9.15	23.57	29.66		101	CM	Bulk
09-23-30 52381		9.09	23.50	29.57		100	CM	Bulk
09-23-30 52382		9.30	23.44	29.89		101	CM	Bulk
09-23-30 52383		9.04	23.79	29.40		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		9.00	23.14	30.29		100.6		
CV, %		2.33	2.58	3.1				

MAYSLICK MILL	MAYSLICK KY 41055							
02-05-40 52174+		2.77	6.10	40.20		102	CM	Bulk
04-10-41 52172+		3.78	9.76	44.91		103	CM	Bulk
04-10-41 53093+		4.19	10.65	43.08		103	CM	Bulk
04-11-45 52175		4.46	10.93	47.19		101	CM	Bulk
09-18-27 53094		9.02	19.31	27.76		99	CM	Bulk
11-10-18 53150		12.03	10.21	20.30		103	CM	Bulk
13-08-12 53192		13.50	8.33	11.77		98	CM	Bulk
22-30-00 52173+		22.77	29.72	0.00		99	CM	Bulk
26-08-16 53193		27.22	8.40	16.93		102	CM	Bulk
29-10-13 53151		28.70	10.81	15.10		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.33	99.20	103.31				
ALL SAMPLES,CV %		7.71	4.02	4.73				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								

MCGREW FARM CENTER	SMITHLAND KY 42081							
09-09-09 51318		8.91	9.47	9.38		98	CM	Bulk
09-23-30 52481		9.11	22.96	29.38		99	CM	Bulk
17-14-19 52482		18.01	14.34	19.10		99	CM	Bulk
17-18-17 52483		17.89	18.03	17.63		100	CM	Bulk
22-12-12 51317		21.28	11.87	14.10		98	CM	Bulk

MILES - GLENDALE FARM SVC.	GLENDALE KY 42740							
04-20-36 51459		4.45	21.38	36.06		101	CM	Bulk
05-24-31 51454		5.51	24.43	31.98		101	CM	Bulk
05-27-27 50264		5.56	26.52	29.62		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS-CL	RV	Type	Form
MILES - GLENDALE FARM SVC.		GLENDALE KY 42740						
05-27-27	51453	5.93	26.91	26.81		100	CM	Bulk
08-20-24	50262+	8.92	19.16	26.14		101	CM	Bulk
08-20-24	50263+	8.96	20.64	24.38		101	CM	Bulk
12-24-24	51456	12.51	25.14	25.42		103	CM	Bulk
13-19-27	51455	13.61	18.11	28.31		100	CM	Bulk
24-00-24	51458	25.09	0.00	25.14		101	CM	Bulk
29-12-12	51457	29.60	12.93	11.99		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.18	99.44	102.42				
ALL SAMPLES,CV %		2.72	4.31	3.08				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate = 0.00 %								
MILES FARM CENTER (CYN)		CYNTHIANA KY 41031						
08-00-45	52882	8.63	0.00	45.36		101	CM	Bulk
09-09-09	52881	9.84	8.66	9.55		100	CM	Bulk
10-10-10	52880	10.15	9.64	9.33		98	CM	Bulk
11-00-16	52883	10.72	0.00	18.49		105	CM	Bulk
21-11-15	52534	22.15	11.83	14.47		102	CM	Bulk
22-00-20	52879	22.72	0.00	19.43		100	CM	Bulk
23-06-08	52535	24.51	6.93	8.11		102	CM	Bulk
23-06-08	52536	24.49	7.42	8.68		104	CM	Bulk
32-00-00	52876+	32.82	0.00	0.00		101	CM	Bulk
32-00-00	52877+	32.08	0.00	0.00		99	CM	Bulk
32-00-00	52878+	32.52	0.00	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.59	102.97	99.55				
ALL SAMPLES,CV %		2.41	8.87	5.61				
NUMBER OF ANALYSIS		11	5	8				
Deficiency Rate = 0.00 %								
MILES FARM CENTER (EKR)		EKRON KY 40117						
06-11-37	51698+	5.90	9.83 *	40.42		100	CM	Bulk
06-11-37	51704+	6.22	11.73	39.05		102	CM	Bulk
13-18-26	51702+	13.20	17.41	27.17		100	CM	Bulk
23-16-16	51701	22.80	14.29 *	19.33		99	CM	Bulk
23-17-12	51697	22.61	16.52	16.17		101	CM	Bulk
25-15-14	51738	24.62	15.85	15.40		100	CM	Bulk
27-13-13	51696	27.77	13.86	13.41		101	CM	Bulk
27-13-13	51703	26.97	14.24	14.05		101	CM	Bulk
27-13-13	51705	26.38	13.73	15.69		101	CM	Bulk
32-09-09	51695	32.39	10.02	10.58		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

MILES FARM CENTER (EKR)		EKRON KY 40117						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.27	98.20	108.90				
ALL SAMPLES,CV %		2.51	6.99	7.84				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 20.00 %								

MILES FARM CENTER (LEB)		LEBANON KY 40033						
07-18-34	52910+	7.91	19.24	33.03		101	CM	Bulk
07-18-34	52912	7.43	18.22	35.33		101	CM	Bulk
13-10-14	52911	13.84	9.61	15.84		103	CM	Bulk
19-13-17	51883	18.57	14.40	17.73		100	CM	Bulk
21-15-20	52913	22.45	15.09	19.35		101	CM	Bulk
26-11-14	51881	27.25	11.08	14.35		101	CM	Bulk
26-15-13	51880	26.92	14.29	13.54		100	CM	Bulk
27-11-15	51882	27.61	11.91	14.68		100	CM	Bulk
32-23-00	51878	32.39	22.50	0.00		100	CM	Bulk
36-05-07	52909	37.70	5.50	7.13		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.14	99.59	99.67				
ALL SAMPLES,CV %		3.61	4.79	3.76				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								

MILES FARM CENTER (SAC)		SACRAMENTO KY 42372						
06-17-37	52591	6.67	17.26	38.18		101	CM	Bulk
06-17-37	52592	6.74	17.51	37.89		101	CM	Bulk
09-23-30	52585	8.69	23.06	30.20		100	CM	Bulk
09-23-30	52586	9.00	23.64	29.55		100	CM	Bulk
09-23-30	52587	8.89	22.96	30.29		100	CM	Bulk
09-23-30	52588	9.24	23.71	30.31		102	CM	Bulk
09-23-30	52589	8.78	22.91	31.07		101	CM	Bulk
09-23-30	52590	9.28	23.73	29.67		101	CM	Bulk
09-23-30	52593	8.72	23.24	31.73		102	CM	Bulk
09-23-30	52594	8.90	23.41	30.74		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :		8.94	23.33	30.45		101.0		
CV, %		2.5	1.45	2.37				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.31	101.31	101.47				
ALL SAMPLES,CV %		2.22	1.35	2.09				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

MILES FARM CENTER (SHEL)		SHELBYVILLE KY 40065						
01-05-15	52954	3.02	7.31	14.36		114	CM	Bulk
05-10-15	50002	5.18	9.42	14.54		97	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES FARM CENTER (SHEL)		SHELBYVILLE KY	40065					
05-10-15	51361	4.70	9.95	16.48		104	Blend	Bag
05-10-15	51772	4.64	9.63	15.56		100	Blend	Bag
05-10-15	52529	5.28	10.29	14.71		101	Blend	Bag
05-10-15	53046	4.72	9.97	15.52		101	Blend	Bag
05-10-15	53304	5.25	9.84	15.97		104	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade : 6								
Average Analysis :		4.96	9.85	15.46		101.2		
CV, %		6.13	3.05	4.77				
05-20-20	50005	5.65	21.39	20.11		106	Blend	Bag
05-20-20	51021	13.16	14.31 *	19.27		112	Blend	Bag
05-20-20	51657	5.68	20.73	19.03		102	Blend	Bag
05-20-20	52470	5.08	19.93	19.34		99	Blend	Bag
06-12-12	52206	4.53 *	9.62 *	11.40		84 *	Blend	Bag
06-24-24	50602	5.24 *	23.38	23.70		96 *	Blend	Bag
06-24-24	50884	6.35	23.72	23.59		100	Blend	Bag
06-24-24	50910	5.80	24.91	24.19		101	Blend	Bag
06-24-24	51686	6.46	23.82	23.12		99	Blend	Bag
06-24-24	51688	6.09	24.07	24.37		101	Blend	Bag
06-24-24	52526	6.31	24.71	23.35		101	Blend	Bag
06-24-24	52547	6.22	25.38	22.38 *		100	Blend	Bag
Statistical Analysis for Grade : 06-24-24								
Number of Samples This Grade : 7								
Average Analysis :		6.07	24.28	23.53		99.9		
CV, %		6.99	3	2.85				
07-00-44	52094+	6.58 *	0.00	46.02		100	CM	Bulk
07-19-33	52952	7.65	18.99	34.33		101	CM	Bulk
09-09-18	53212+	8.91	9.24	18.57		100	CM	Bulk
09-18-27	52533	8.96	18.39	27.22		101	Blend	Bag
09-18-28	53209	9.54	18.86	28.84	*	102	CM	Bulk
10-10-10	50004	8.97 *	9.07 *	10.16		93 *	Blend	Bag
10-10-10	50600	9.83	9.58	10.76		100	Blend	Bag
10-10-10	50885	9.94	10.25	9.95		100	Blend	Bag
10-10-10	50911	9.20	9.59	10.97		98	Blend	Bag
10-10-10	50953	9.52	10.25	9.99		99	Blend	Bag
10-10-10	51360	8.76 *	10.06	9.61		94 *	Blend	Bag
10-10-10	51507	10.02	10.73	9.40		101	Blend	Bag
10-10-10	51561	8.47 *	9.37	9.71		91 *	Blend	Bag
10-10-10	51594	10.65	10.52	10.31		105	Blend	Bag
10-10-10	51596	8.41 *	9.09 *	10.59		92 *	Blend	Bag
10-10-10	51687	11.48	10.10	10.71		109	Blend	Bag
10-10-10	51694	10.29	10.62	9.55		102	Blend	Bag
10-10-10	51773	10.41	10.94	9.75		104	Blend	Bag
10-10-10	51879	9.79	9.93	9.78		98	Blend	Bag
10-10-10	51936	8.87 *	8.76 *	8.74 *		88 *	Blend	Bag
10-10-10	52205	13.58	13.58	13.86		137	Blend	Bag
10-10-10	52550	14.24	13.57	12.86		137	Blend	Bag
10-10-10	52694	9.35	9.53	10.24		96 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

MILES FARM CENTER (SHEL)		SHELBYVILLE KY 40065						
10-10-10	53048	9.03 *	9.36	10.18		94	* Blend	Bag
10-10-10	53205	9.19	8.75 *	10.55		94	* Blend	Bag
10-10-10	53323	7.92 *	8.16 *	10.34		86	* Blend	Bag
10-10-10	53355	8.24 *	8.73 *	10.30		89	* Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade :		22						
Average Analysis :		9.82	10.02	10.38		100.3		
CV, %		16.03	13.57	10.63				
12-12-12	50886	10.79 *	12.04	11.01 *		93	* Blend	Bag
12-12-12	50952	11.30	11.67	10.95 *		94	* Blend	Bag
12-12-12	51358	11.08	12.81	11.30		97	Blend	Bag
12-12-12	51877	10.92 *	10.52 *	12.40		93	* Blend	Bag
12-12-12	52532	12.50	12.01	11.88		102	Blend	Bag
12-12-12	53258	9.03 *	10.88 *	11.29		85	* Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade :		6						
Average Analysis :		10.94	11.65	11.47		94.1		
CV, %		10.24	7.19	4.89				
12-24-24	52203	12.33	24.87	24.16		102	Blend	Bag
13-13-13	51359	12.35	13.85	12.58		99	Blend	Bag
15-15-15	51689	15.26	15.20	14.30		100	Blend	Bag
15-15-15	52471	14.07	15.50	14.71		98	Blend	Bag
15-15-15	52527	15.71	15.21	13.91 *		101	Blend	Bag
15-15-15	52695	14.81	14.88	15.00		99	Blend	Bag
15-15-23	52953	14.42	14.94	24.71		100	CM	Bulk
18-24-12	52531	17.46	24.08	11.90		99	Blend	Bag
19-12-19	53210	20.57	13.17	20.08		102	CM	Bulk
19-19-19	50003	18.68	17.90	20.91		100	Blend	Bag
19-19-19	50513	17.12 *	18.64	21.59		99	Blend	Bag
19-19-19	50909	20.25	20.94	17.01 *		103	Blend	Bag
19-19-19	51562	18.54	18.61	18.71		98	Blend	Bag
19-19-19	51593	18.14	19.82	19.22		100	Blend	Bag
19-19-19	51595	16.60 *	17.98	23.03		99	Blend	Bag
19-19-19	51656	17.57	20.07	19.67		99	Blend	Bag
19-19-19	51690	17.65	20.91	18.72		99	Blend	Bag
19-19-19	51771	17.92	19.94	19.64		100	Blend	Bag
19-19-19	52095	21.28	15.95 *	18.85		98	CM	Bulk
19-19-19	52204	18.93	19.49	20.36		103	Blend	Bag
19-19-19	52469	18.78	19.41	19.31		101	Blend	Bag
19-19-19	52525	18.88	18.40	19.50		100	Blend	Bag
19-19-19	53047	17.64	20.47	20.70		102	Blend	Bag
19-19-19	53337	19.14	19.09	19.07		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade :		15						
Average Analysis :		18.47	19.17	19.75		100.0		
CV, %		6.46	6.89	7.19				
20-10-10	51597	16.15 *	10.38	11.06		91	* Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
MILES FARM CENTER (SHEL)		SHELBYVILLE KY	40065					
20-10-10	52759	20.03	9.85	9.72		99	Blend	Bag
20-15-20	52530	20.65	14.59	19.64		100	Blend	Bag
21-12-19	53211	21.60	12.73	19.38		101	CM	Bulk
21-15-16	52958	21.14	15.19	17.79		102	CM	Bulk
23-00-25	52957+	23.48	0.00	26.82		101	CM	Bulk
26-09-18	52956	25.76	9.00	19.74		100	CM	Bulk
26-20-08	52096	26.33	21.71	8.68		101	CM	Bulk
26-22-08	52093	24.74	22.48	10.23		100	CM	Bulk
34-00-00	53324	33.94	0.00	0.00		100	Mat	Bag
35-00-14	52955	35.59	0.00	14.81		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.51	100.21	101.70				
ALL SAMPLES,CV %		21.03	10.18	7.69				
NUMBER OF ANALYSIS		87	83	86				
Deficiency Rate = 28.74 %								
MILES FARM SUPPLY (OWEN)		OWENSBORO KY	42301					
00-00-00	50610+	0.00	0.00	0.00			Mat	Bulk
00-00-22	50445+	0.00	0.00	21.42		97	Mat	Bulk
00-00-50	51567	0.00	0.00	51.53		103	Mat	Bulk
00-00-50	51700	0.00	0.00	51.50		103	Mat	Bulk
00-00-60	50434	0.00	0.00	59.23		99	Mat	Bulk
00-00-60	50440	0.00	0.00	58.85		98	Mat	Bulk
00-00-60	50441	0.00	0.00	59.49		99	Mat	Bulk
00-00-60	50449	0.00	0.00	58.77		98	Mat	Bulk
00-00-60	50473	0.00	0.00	59.81		100	Mat	Bulk
00-00-60	50476	0.00	0.00	61.17		102	Mat	Bulk
00-00-60	50489	0.00	0.00	60.53		101	Mat	Bulk
00-00-60	50506	0.00	0.00	60.56		101	Mat	Bulk
00-00-60	50509	0.00	0.00	60.03		100	Mat	Bulk
00-00-60	50553	0.00	0.00	61.26		102	Mat	Bulk
00-00-60	50702	0.00	0.00	59.15		99	Mat	Bulk
00-00-60	50736	0.00	0.00	61.37		102	Mat	Bulk
00-00-60	50770	0.00	0.00	60.77		101	Mat	Bulk
00-00-60	50818	0.00	0.00	61.07		102	Mat	Bulk
00-00-60	50881	0.00	0.00	59.42		99	Mat	Bulk
00-00-60	50906	0.00	0.00	60.34		101	Mat	Bulk
00-00-60	50930	0.00	0.00	59.98		100	Mat	Bulk
00-00-60	51099	0.00	0.00	59.72		100	Mat	Bulk
00-00-60	51141	0.00	0.00	59.48		99	Mat	Bulk
00-00-60	51142	0.00	0.00	59.66		99	Mat	Bulk
00-00-60	51143	0.00	0.00	60.14		100	Mat	Bulk
00-00-60	51266	0.00	0.00	59.21		99	Mat	Bulk
00-00-60	51563	0.00	0.00	61.11		102	Mat	Bulk
00-00-60	51867	0.00	0.00	59.69		99	Mat	Bulk
00-00-60	51965	0.00	0.00	59.75		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 25								
Average Analysis :		0.00	0.00	60.02		100.0		
CV, %		0	0	1.3				
00-45-00	50511	0.00	45.22	0.00		100	Mat	Bulk
00-45-00	50699+	0.00	43.71	0.00		97	Mat	Bulk
00-45-00	51565	0.00	45.81	0.00		102	Mat	Bulk
00-46-00	51699	0.00	45.72	0.00		99	Mat	Bulk
02-00-00	51869+	3.85	0.00	0.00		192	Mnfr	Bulk
05-10-15	51770	5.19	9.28	14.72		98	Blend	Bag
05-10-15	53305	4.81	8.78 *	15.36		97	Blend	Bag
07-24-04	52193	7.19	23.52	4.35		100	Mnfr	Liq
07-24-04	52380	7.31	23.75	4.55		102	Mnfr	Liq
07-24-04	52584	7.11	23.56	4.43		100	Mnfr	Liq
09-23-25	53260	8.89	22.26	26.69		102	CM	Bulk
09-23-30	52573	8.33	22.14	31.91		100	CM	Bulk
09-23-30	52574	8.88	22.70	31.46		101	CM	Bulk
09-23-30	52575	8.23	20.50 *	34.21		100	CM	Bulk
09-23-30	52580	8.06 *	21.22 *	33.06		99	CM	Bulk
09-23-30	52581	8.35	21.94	31.70		99	CM	Bulk
09-23-30	52582	8.15 *	21.05 *	33.05		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 6								
Average Analysis :		8.33	21.59	32.56		99.9		
CV, %		3.46	3.75	3.25				
11-16-21	53259+	10.93	16.14	22.78		100	CM	Bulk
11-16-21	53261+	11.60	17.25	22.18		102	CM	Bulk
11-52-00	50435	11.08	50.99	0.00		99	Mat	Bulk
11-52-00	50446	11.19	51.60	0.00		100	Mat	Bulk
11-52-00	50479	10.88	51.89	0.00		100	Mat	Bulk
11-52-00	50771	10.98	51.83	0.00		100	Mat	Bulk
11-52-00	51866	10.96	52.47	0.00		101	Mat	Bulk
11-52-00	53371	10.78	53.13	0.00		101	Mat	Bulk
11-52-00	53372	10.84	53.20	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 11-52-00								
Number of Samples This Grade : 7								
Average Analysis :		10.96	52.16	0.00		100.1		
CV, %		1.3	1.56	0				
18-46-00	50437	17.14	45.14	0.00		97	Mat	Bulk
18-46-00	50439	18.08	46.32	0.00		101	Mat	Bulk
18-46-00	50442	18.07	45.61	0.00		100	Mat	Bulk
18-46-00	50448	18.21	45.46	0.00		100	Mat	Bulk
18-46-00	50474	18.28	46.45	0.00		101	Mat	Bulk
18-46-00	50478	17.89	45.09	0.00		99	Mat	Bulk
18-46-00	50507	17.74	45.23	0.00		98	Mat	Bulk
18-46-00	50510	18.05	45.72	0.00		100	Mat	Bulk
18-46-00	50551	17.88	46.47	0.00		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES FARM SUPPLY (OWEN)		OWENSBORO KY 42301						
18-46-00	50611	17.94	45.19	0.00		99	Mat	Bulk
18-46-00	50700	18.15	43.79 *	0.00		97	Mat	Bulk
18-46-00	50701	17.18	43.23 *	0.00		94	* Mat	Bulk
18-46-00	50708	17.91	45.31	0.00		99	Mat	Bulk
18-46-00	50709	17.75	45.55	0.00		99	Mat	Bulk
18-46-00	50710	18.22	46.14	0.00		101	Mat	Bulk
18-46-00	50737	17.93	44.97	0.00		98	Mat	Bulk
18-46-00	50761	18.58	46.37	0.00		102	Mat	Bulk
18-46-00	50774	18.05	45.23	0.00		99	Mat	Bulk
18-46-00	50775	18.15	45.14	0.00		99	Mat	Bulk
18-46-00	50878	17.82	45.50	0.00		99	Mat	Bulk
18-46-00	50879	17.88	45.82	0.00		100	Mat	Bulk
18-46-00	50907	17.67	45.43	0.00		99	Mat	Bulk
18-46-00	51144	17.98	46.61	0.00		101	Mat	Bulk
18-46-00	51145	18.05	46.18	0.00		100	Mat	Bulk
18-46-00	51267	17.90	45.57	0.00		99	Mat	Bulk
18-46-00	51568	17.71	45.31	0.00		98	Mat	Bulk
18-46-00	51640	18.01	45.59	0.00		99	Mat	Bulk
18-46-00	51868	17.40	46.00	0.00		99	Mat	Bulk
18-46-00	51964	17.74	45.74	0.00		99	Mat	Bulk
18-46-00	53373	17.72	46.79	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade :		30						
Average Analysis :		17.90	45.56	0.00		99.2		
CV, %		1.68	1.66	0				
21-00-00	50450	20.73	0.00	0.00		99	Mat	Bulk
21-15-19	52576	21.79	14.94	21.25		102	CM	Bulk
21-15-19	52577	21.50	15.74	19.40		100	CM	Bulk
21-15-19	52578	20.87	15.48	20.69		100	CM	Bulk
21-15-19	52579	20.62	15.23	20.99		100	CM	Bulk
23-13-18	53262	23.71	14.60	18.48		102	CM	Bulk
28-00-00	51269	26.72	0.00	0.00		95	* Mat	Liq
28-00-00	52554	28.15	0.00	0.00		101	Mat	Liq
28-00-00	52624	28.29	0.00	0.00		101	Mat	Liq
28-00-00	52802	28.34	0.00	0.00		101	Mat	Liq
28-00-00	53204	27.71	0.00	0.00		99	Mat	Liq
28-00-00	53322	27.95	0.00	0.00		100	Mat	Liq
Statistical Analysis for Grade : 28-00-00								
Number of Samples This Grade :		6						
Average Analysis :		27.86	0.00	0.00		99.5		
CV, %		2.18	0	0				
30-05-10	52528	28.01 *	5.29	11.03		97	Blend	Bag
32-00-00	52583	31.83	0.00	0.00		99	Mat	Liq
32-00-00	52678	31.73	0.00	0.00		99	Mat	Liq
32-00-00	52858	31.64	0.00	0.00		99	Mat	Liq
32-00-00	53028	32.12	0.00	0.00		100	Mat	Liq
32-00-00	53132	31.88	0.00	0.00		100	Mat	Liq
32-00-00	53348	31.78	0.00	0.00		99	Mat	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301								
Statistical Analysis for Grade : 32-00-00								
Number of Samples This Grade : 6								
Average Analysis :								
CV, %		31.83	0.00	0.00		99.5		
		0.52	0	0				
34-00-00	50443	33.93	0.00	0.00		100	Mat	Bulk
34-00-00	50505	33.87	0.00	0.00		100	Mat	Bulk
34-00-00	50882	34.27	0.00	0.00		101	Mat	Bulk
34-00-00	51072	33.46	0.00	0.00		98	Mat	Bulk
34-00-00	51564	33.56	0.00	0.00		99	Mat	Bulk
34-00-00	51870	33.34	0.00	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 6								
Average Analysis :								
CV, %		33.74	0.00	0.00		99.2		
		1.03	0	0				
46-00-00	50436	45.51	0.00	0.00		99	Mat	Bulk
46-00-00	50438	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	50444	45.71	0.00	0.00		99	Mat	Bulk
46-00-00	50447	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50475	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	50477	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	50508	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	50512	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	50698	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50738	45.61	0.00	0.00		99	Mat	Bulk
46-00-00	50765	46.14	0.00	0.00		100	Mat	Bulk
46-00-00	50772	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	50880	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	50908	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	51268	43.28 *	0.00	0.00		94 *	Mat	Bulk
46-00-00	51566	45.73	0.00	0.00		99	Mat	Bulk
46-00-00	51641	45.70	0.00	0.00		99	Mat	Bulk
46-00-00	51865	45.85	0.00	0.00		100	Mat	Bulk
46-00-00	51963	46.04	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 19								
Average Analysis :								
CV, %		45.75	0.00	0.00		99.5		
		1.37	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.08	98.67	102.63				
ALL SAMPLES, CV %		9.86	3.31	4.23				
NUMBER OF ANALYSIS		96	61	48				
Deficiency Rate = 6.98 %								

MILES FARM SUPPLY (UPT) UPTON KY 42784								
02-07-50	51449+	3.03	8.09	50.14		101	CM	Bulk
02-07-50	51450+	2.80	7.31	51.06		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
MILES FARM SUPPLY (UPT)		UPTON KY 42784						
05-13-40	51452+	5.38	13.44	41.28		101	CM	Bulk
05-15-37	51303	6.32	15.69	37.32		101	CM	Bulk
09-24-21	50381	9.18	24.16	21.39		99	CM	Bulk
11-18-31	51448	11.03	18.04	31.77		101	CM	Bulk
14-23-23	51302	13.87	22.45	24.37		100	CM	Bulk
15-10-16	53313	16.35	9.94	16.29		102	CM	Bulk
16-14-22	53312	17.36	14.61	21.61		100	CM	Bulk
16-15-20	51301	16.41	14.22 *	19.91		97	CM	Bulk
19-19-19	51447	18.49	19.46	20.64		100	CM	Bulk
20-11-14	53311+	21.19	10.90	16.79		106	CM	Bulk
27-13-13	51451	26.77	13.72	14.53		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.56	99.79	102.86				
ALL SAMPLES,CV %		3.76	3.92	5.06				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 7.69 %								
MILLERSBURG FERT. CO.		MILLERSBURG KY 40348						
00-00-50	52886	0.00	0.00	50.18		100	Mat	Bulk
00-00-60	52887	0.00	0.00	59.73		100	Mat	Bulk
12-06-28	53246	13.49	6.31	27.45		101	CM	Bulk
17-00-00	53244	17.44	0.00	0.00		97	CM	Bulk
18-00-29	53247	14.76 *	0.00	34.24		101	CM	Bulk
18-46-00	52885	17.01	43.79 *	0.00		95 *	Mat	Bulk
20-12-19	53248	20.91	10.50 *	19.67		98	CM	Bulk
20-12-19	53249	21.56	12.27	19.22		100	CM	Bulk
23-04-20	53245	23.48	4.47	20.95		99	CM	Bulk
34-00-00	52884	33.99	0.00	0.00		100	Mat	Bulk
36-00-12	53250	37.30	0.00	12.31		102	CM	Bulk
46-00-00	53251	46.10	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.77	96.12	101.99				
ALL SAMPLES,CV %		7.5	8.06	5.55				
NUMBER OF ANALYSIS		10	5	8				
Deficiency Rate = 25.00 %								
MILORGANITE DIV. MMSD		MILWAUKEE WI 53201-3049						
06-02-00	50934+	6.12	3.97	0.00		120	Mat	Bag
MIRACLE GRO LAWN PRODUCTS		MARYSVILLE OH 43041						
10-16-10	52564	10.48	16.64	10.91		105	Mnfr	Bag
20-27-05	52560	20.82	27.77	5.81		104	Blend	Bag
22-03-14	50069	21.46	3.33	14.21		99	Blend	Bag
22-03-14	50092	21.12	3.04	14.71		98	Blend	Bag
22-03-14	50123	21.99	3.23	14.77		102	Blend	Bag
22-03-14	50134	22.28	3.11	14.44		102	Blend	Bag
22-03-14	50179	22.44	3.98	13.89		103	Blend	Bag
22-03-14	50181	23.48	3.42	14.76		107	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
MIRACLE GRO LAWN PRODUCTS		MARYSVILLE OH 43041						
22-03-14	50221	19.64 *	3.14	15.35		95 *	Blend	Bag
22-03-14	50222	21.65	2.73	14.52		99	Blend	Bag
Statistical Analysis for Grade : 22-03-14								
Number of Samples This Grade :		8						
Average Analysis :		21.76	3.25	14.58		100.8		
CV, %		5.14	11.14	2.97				
22-04-11	50213	21.40	4.34	12.03		101	Blend	Bag
22-04-11	50220	22.83	4.39	11.93		105	Blend	Bag
22-04-11	50223	22.10	4.26	10.98		101	Blend	Bag
22-04-11	50354	22.52	3.94	10.95		101	Blend	Bag
22-04-11	50356	22.55	4.24	12.16		104	Blend	Bag
Statistical Analysis for Grade : 22-04-11								
Number of Samples This Grade :		5						
Average Analysis :		22.28	4.23	11.61		102.5		
CV, %		2.5	4.14	5.12				
28-03-03	51996	28.72	2.04 *	3.07		100	Blend	Bag
28-03-03	51297	29.94	2.87	3.12		106	Blend	Bag
28-03-03	52661	31.33	3.63	3.04		112	Blend	Bag
28-03-03	52681	29.98	3.38	3.33		108	Blend	Bag
28-03-03	52685	28.22	3.26	3.14		102	Blend	Bag
28-03-03	52739	28.18	3.10	3.17		101	Blend	Bag
Statistical Analysis for Grade : 28-03-03								
Number of Samples This Grade :		6						
Average Analysis :		29.40	3.05	3.15		104.8		
CV, %		4.22	18.31	3.25				
29-03-04	50618	28.40	3.93	5.10		102	Blend	Bag
29-03-04	50678	28.15	3.49	4.96		100	Blend	Bag
29-03-04	50892	29.75	3.27	4.25		103	Blend	Bag
29-03-04	51168	30.01	3.32	4.55		105	Blend	Bag
29-03-04	51506	29.90	2.60	4.24		102	Blend	Bag
29-03-04	52662	30.92	3.24	3.87		106	Blend	Bag
Statistical Analysis for Grade : 29-03-04								
Number of Samples This Grade :		6						
Average Analysis :		29.52	3.31	4.50		103.1		
CV, %		3.56	13.02	10.44				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.75	106.40	107.02				
ALL SAMPLES,CV %		4.37	11.85	6.6				
NUMBER OF ANALYSIS		27	27	27				
Deficiency Rate = 7.41 %								
MOSAIC CROP NUTRITION, LLC		RIVERVIEW FL 33569						
11-36-00	50236+	11.73	39.87	0.00		110	Mat	Bulk
MOSAIC PHOSPHATES CO		LAKE FOREST IL 60045						
00-00-60	50855	0.00	0.00	60.03		100	Mat	Bulk
18-46-00	50517	17.85	45.69	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
MOSAIC PHOSPHATES CO		LAKE FOREST IL 60045						
18-46-00	50853	17.69	45.56	0.00		99	Mat	Bulk
18-46-00	50931	17.97	45.55	0.00		99	Mat	Bulk
OLDFIELD, J.A. & SON		MIZE KY 41352						
00-00-50	51675	0.00	0.00	51.38		103	Mat	Bulk
00-00-60	51674	0.00	0.00	60.75		101	Mat	Bulk
00-20-20	51677	0.00	20.40	19.52		100	CM	Bulk
00-20-20	51683+	0.00	19.79	19.62		99	Blend	Bag
00-46-00	51669	0.00	45.60	0.00		99	Mat	Bulk
04-09-14	53089	4.34 *	7.95 *	14.86		95	* CM	Bag
05-10-15	51679	4.40 *	9.70	14.17		94	* Blend	Bag
05-10-15	52693	4.64	10.06	15.21		100	Blend	Bag
05-10-15	53084	5.05	10.07	14.81		100	CM	Bulk
05-10-15	53087	4.34 *	9.60	15.34		98	Blend	Bag
05-20-20	51678	5.22	19.77	19.87		100	Blend	Bag
06-12-12	53030	5.86	11.22	13.55		101	Blend	Bag
07-19-07	53092	7.60	20.44	7.02		101	CM	Bulk
09-18-27	51680	8.85	18.25	27.32		101	Blend	Bag
10-10-10	51682	10.29	10.76	9.49		102	Blend	Bag
10-10-10	52691	10.70	10.41	9.86		104	Blend	Bag
10-10-10	53029	9.84	10.08	9.31		98	Blend	Bag
10-10-10	53085	9.39	10.02	9.95		97	Blend	Bag
10-10-10	53086	9.03 *	9.44	9.89		94	* Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 5								
Average Analysis :		9.85	10.14	9.70		99.0		
CV, %		6.82	4.84	2.92				
12-12-12	51684	13.04	11.77	12.38		104	Blend	Bag
12-12-12	53088	12.91	13.24	11.46		105	Blend	Bag
15-15-15	51681	15.49	15.31	15.63		103	Blend	Bag
18-46-00	51672	17.42	45.52	0.00		98	Mat	Bulk
18-46-00	51673	17.69	45.90	0.00		99	Mat	Bulk
19-19-19	51670	18.79	20.62	18.55		101	Blend	Bag
19-19-19	52692	18.50	20.68	18.66		101	Blend	Bag
19-19-19	53090	19.15	19.08	19.67		101	CM	Bulk
19-19-19	53091	19.03	18.30	19.71		100	Blend	Bag
46-00-00	51671	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	51676	45.97	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.41	100.16	100.06				
ALL SAMPLES,CV %		5.92	5.66	4.05				
NUMBER OF ANALYSIS		25	26	25				
Deficiency Rate = 13.33 %								
PADUCAH AG SERVICES		PADUCAH KY 42001						
06-15-39	53120	5.77	15.13	39.93		99	CM	Bulk
06-15-39	53121	5.99	15.79	38.96		99	CM	Bulk
07-17-35	53019+	7.03	18.23	36.36		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

PADUCAH AG SERVICES	PADUCAH	KY 42001						

PARRISH SHOP/SALES	HENDERSON	KY 42420						
03-10-30	52643	3.97	10.83	29.53		104	Mnfr	Liq
05-15-19	52859	6.15	14.97	20.30		102	CM	Liq
05-15-19	52860	6.92	15.12	20.40		106	CM	Liq
05-15-19	52861	6.16	15.05	19.48		101	CM	Liq
05-15-19	52862	6.28	14.98	20.36		103	CM	Liq
05-15-19	52863	6.26	14.85	20.63		104	CM	Liq
05-15-19	52864	6.63	14.80	20.37		104	CM	Liq
Statistical Analysis for Grade : 05-15-19								
Number of Samples This Grade : 6								
Average Analysis :		6.40	14.96	20.26		103.4		
CV, %		4.83	0.8	1.96				
10-30-00	52642	9.24	29.26	0.00		96	* Mat	Liq

PLEASANT VIEW FARMS	AUBURN	KY 42206						
10-26-26	52332	10.11	25.34	26.18		99	CM	Bulk
17-17-17	52333	17.74	16.87	17.14		98	CM	Bulk
17-17-17	52345	18.61	18.23	17.29		103	CM	Bulk
17-17-18	52395	17.21	17.18	19.06		100	CM	Bulk
18-14-18	52331	19.10	14.10	18.02		101	CM	Bulk
18-14-18	52346	18.02	13.82	19.90		100	CM	Bulk
19-19-19	52329	19.60	19.31	19.24		100	CM	Bulk
19-19-19	52396	19.32	19.25	19.30		100	CM	Bulk
20-18-12	52330	21.37	18.06	11.64		101	CM	Bulk
24-10-10	52334	25.69	10.71	9.41		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.14	98.34	98.76				
ALL SAMPLES,CV %		2.68	2.15	3.41				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

POORE, C D FERTILIZER	ALBANY	KY 42602						
00-00-60	50581	0.00	0.00	59.75		100	Mat	Bulk
08-20-28	51802+	7.99	20.70	28.28		100	CM	Bulk
10-26-25	51375	10.47	27.03	26.13		102	CM	Bulk
10-27-24	51374	10.73	27.84	24.91		102	CM	Bulk
15-15-15	51373+	15.92	15.98	15.47		102	CM	Bulk
16-16-16	51376	16.76	15.88	19.63		103	CM	Bulk
16-17-16	51801+	16.88	16.70	16.76		99	CM	Bulk
16-17-16	51804+	16.88	17.11	15.62	*	98	CM	Bulk
17-17-17	51800	17.19	17.71	17.68		98	CM	Bulk
18-46-00	50577	17.82	46.40	0.00		100	Mat	Bulk
19-19-19	51799	19.43	18.67	18.79		98	CM	Bulk
19-19-19	51803	18.95	19.59	19.38		99	CM	Bulk
19-19-19	53320	18.63	17.15	21.17	*	99	Blend	Bag
21-00-00	50579+	20.99	0.00	0.00		100	Mat	Bulk
27-13-13	51798	26.78	13.60	14.70		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
POORE, C D FERTILIZER		ALBANY KY 42602						
34-00-00	50580	33.32	0.00	0.00		98	Mat	Bulk
46-00-00	50578	45.90	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.37	99.04	102.26				
ALL SAMPLES,CV %		1.51	3.54	6.42				
NUMBER OF ANALYSIS		16	13	13				
Deficiency Rate = 11.76 %								
PURSELL INDUSTRIES		SYLACAUGA AL 35150						
01-11-00	50104	1.87	12.34	0.00		120	Blend	Bag
09-09-06	50286	10.25	9.52	7.58		113	Mnfr	Bag
12-05-07	50103+	12.57	7.17	7.41		112	Blend	Bag
12-06-06	50143+	12.46	6.95	6.81		108	Blend	Bag
12-10-05	50105+	12.38	11.00	5.50		106	Blend	Bag
15-07-07	50072+	15.98	7.37	6.80		105	Blend	Bag
17-05-11	50346	17.76	6.45	10.48		106	Blend	Bag
19-06-12	50337+	19.30	6.38	11.95		102	Blend	Bag
20-27-05	50071+	20.09	27.72	4.10 *		100	Blend	Bag
24-03-10	50060+	22.91	3.41	9.99		97	Blend	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		112.11	114.40	103.28				
ALL SAMPLES,CV %		23.84	11.04	12.21				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								
RICH POND CROP SVC.		BOWLING GREEN KY 42101						
18-18-19	51920	19.22	20.06	19.42		102	CM	Bulk
24-08-06	52657	22.72	6.83 *	5.86		94 *	CM	Bulk
27-19-08	52399	27.57	19.47	8.81		100	CM	Bulk
27-19-08	52400	27.36	19.89	8.94		101	CM	Bulk
27-19-08	52401	26.99	20.77	8.65		101	CM	Bulk
27-19-08	52402	27.41	19.45	9.43		101	CM	Bulk
27-19-08	52403	27.39	20.02	8.81		101	CM	Bulk
Statistical Analysis for Grade : 27-19-08								
Number of Samples This Grade : 5								
Average Analysis :		27.34	19.92	8.93		100.6		
CV, %		0.78	2.7	3.35				
RIPS FARM CENTER		TOLLESBORO KY 41189						
00-00-60	52543	0.00	0.00	61.29		102	Mat	Bulk
05-11-17	53155	6.56	10.19 *	22.77	*	116	CM	Bulk
07-14-22	53152	6.99	14.24	22.27		97	CM	Bulk
07-19-19	52541	7.50	18.52	20.05		101	CM	Bulk
10-26-26	53157	9.49	25.56	28.20		101	CM	Bulk
15-11-17	53156	15.25	11.93	18.50		101	CM	Bulk
16-10-15	53160	15.91	9.67	16.45		103	CM	Bulk
16-10-15	53161	16.10	9.86	16.09		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
RIPS FARM CENTER	TOLLESBORO KY	41189						
18-46-00	52544	17.73	46.35	0.00		100	Mat	Bulk
19-19-19	53068	19.92	18.53	20.35		103	Blend	Bulk
19-19-19	53158	19.16	19.55	19.62		100	CM	Bulk
19-19-19	53159	19.26	19.45	19.97		101	CM	Bulk
21-12-19	53154	20.12	12.74	20.70		100	CM	Bulk
22-09-24	53153	21.51	9.53	25.57		102	CM	Bulk
46-00-00	52542	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.63	98.43	106.77				
ALL SAMPLES,CV %		4.92	3.83	6.92				
NUMBER OF ANALYSIS		14	13	13				
Deficiency Rate = 6.67 %								
ROYSTER CLARK (ADA)	ADAIRVILLE KY	42202						
09-25-26	51855	10.10	26.45	27.23		102	CM	Bulk
10-09-14	52849+	11.46	10.17	15.40		104	CM	Bulk
10-27-24	51853	10.48	27.54	23.81		99	CM	Bulk
11-10-15	52656+	10.97	10.90	15.81		101	CM	Bulk
12-24-20	51854+	11.32	24.69	19.19		98	CM	Bulk
19-10-10	52655+	18.53	10.85	10.77		100	CM	Bulk
21-08-08	52850+	20.54	9.09	9.28		99	CM	Bulk
24-27-00	51856	23.82	28.36	0.00		100	CM	Bulk
24-28-00	52652	23.77	29.77	0.00		101	CM	Bulk
24-28-00	52654	23.60	30.05	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.36	103.34	101.94				
ALL SAMPLES,CV %		3.01	2.2	3.8				
NUMBER OF ANALYSIS		10	10	7				
Deficiency Rate = 0.00 %								
ROYSTER CLARK (COLL)	COLLINSVILLE IL	62234-1986						
00-00-60	50455	0.00	0.00	60.54		101	Mat	Bulk
00-00-60	50468	0.00	0.00	60.49		101	Mat	Bulk
00-00-60	51569	0.00	0.00	59.70		100	Mat	Bulk
00-00-60	51857	0.00	0.00	60.70		101	Mat	Bulk
00-45-00	51572	0.00	44.40	0.00		99	Mat	Bulk
05-20-20	51861+	4.67	19.93	20.77		100	Mnfr	Bulk
06-12-18	51860+	6.75	12.13	17.72	*	102	Mnfr	Bulk
18-08-00	51571+	17.80	8.22	0.00		100	Mnfr	Bulk
18-08-00	51862+	17.84	8.14	0.00		100	Mnfr	Bulk
18-46-00	50456	17.76	45.64	0.00		99	Mat	Bulk
18-46-00	50469	17.58	45.96	0.00		99	Mat	Bulk
18-46-00	51570	17.63	44.81	0.00		98	Mat	Bulk
18-46-00	51859	17.72	45.74	0.00		99	Mat	Bulk
32-00-00	52627	32.02	0.00	0.00		100	Mat	Liq
32-00-00	53349	31.64	0.00	0.00		99	Mat	Liq
34-00-00	50457	34.34	0.00	0.00		101	Mat	Bulk
34-00-00	50467	34.50	0.00	0.00		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
ROYSTER CLARK (COLL)		COLLINSVILLE IL 62234-1986						
34-00-00	51858	33.90	0.00	0.00		100	Mat	Bulk
46-00-00	51573	45.73	0.00	0.00		99	Mat	Bulk
46-00-00	51863	45.91	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.80	99.99	100.78				
ALL SAMPLES,CV %		3.97	1.63	1.81				
NUMBER OF ANALYSIS		15	9	6				
Deficiency Rate = 0.00 %								
ROYSTER CLARK (FANC)		FANCY FARM KY 42039						
09-23-30	51363	9.32	23.46	30.09		102	CM	Bulk
09-23-30	51364	9.00	23.53	30.36		101	CM	Bulk
09-23-30	51365	9.00	22.24	31.94		102	CM	Bulk
09-23-30	51368	8.72	22.64	31.89		102	CM	Bulk
09-23-30	51369	9.05	23.13	31.06		102	CM	Bulk
09-23-30	51370	9.10	22.39	31.50		101	CM	Bulk
09-23-30	51378	8.85	23.08	31.35		102	CM	Bulk
09-23-30	51379	9.07	23.62	30.61		102	CM	Bulk
09-23-30	51380	8.97	23.51	30.52		101	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 9								
Average Analysis :		9.01	23.07	31.04		101.6		
CV, %		1.84	2.27	2.18				
23-14-18	51367	23.13	14.04	19.71		101	CM	Bulk
29-10-13	51366	30.02	10.58	13.53		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.18	100.48	103.57				
ALL SAMPLES,CV %		1.72	2.28	2.27				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
ROYSTER CLARK (FLO)		FLORENCE AL 35631						
05-20-20	51832+	5.46	18.29 *	22.25		102	Mnfr	Bag
06-12-18	51836+	6.48	12.29	18.68		104	Mnfr	Bag
13-13-13	51589+	12.16	11.15 *	14.45		96 *	Mnfr	Bag
13-13-13	51829+	12.45	11.96 *	14.31		99	Mnfr	Bag
ROYSTER CLARK (FRAN)		FRANKLIN KY 42134						
05-24-28	50265	6.56	26.05	26.10 *		102	CM	Bulk
05-24-28	50266	5.49	23.81	29.61		100	CM	Bulk
05-24-28	50270	5.90	24.53	28.48		101	CM	Bulk
05-24-28	50271	6.14	25.02	28.10		102	CM	Bulk
06-28-23	50274	6.71	28.11	24.20		101	CM	Bulk
07-19-10	50269	7.36	18.56	11.98		102	CM	Bulk
10-25-26	50267	9.43	25.26	26.96		98	CM	Bulk
10-25-26	50268	9.78	24.75	27.95		99	CM	Bulk
10-25-26	50275	9.85	25.19	27.49		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
ROYSTER CLARK (FRAN)		FRANKLIN KY 42134						
19-16-17	51872	20.00	16.88	17.03		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.11	99.73	103.59				
ALL SAMPLES, CV %		5.63	3.72	6.91				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
ROYSTER CLARK (HARD)		HARDIN KY 42048						
08-22-30	52822	8.93	22.49	29.05		98	CM	Bulk
08-22-30	52848	8.83	23.28	29.69		100	CM	Bulk
09-23-30	51319	8.52	22.29	31.67		100	CM	Bulk
09-23-30	51320	8.85	23.34	30.45		101	CM	Bulk
09-23-30	51833	8.70	21.69	31.02		99	CM	Bulk
15-20-20	51830	15.76	20.42	19.99		100	CM	Bulk
15-20-20	51831	16.18	20.53	19.07		100	CM	Bulk
15-20-20	51837	15.92	20.03	20.07		100	CM	Bulk
16-12-24	51828	16.80	12.20	23.85		101	CM	Bulk
16-14-18	50136	16.19	14.01	19.02		99	CM	Bulk
17-15-20	51834	18.00	14.32	19.93		100	CM	Bulk
17-15-20	51835	17.55	14.76	20.14		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.23	97.98	100.19				
ALL SAMPLES, CV %		3.07	2.67	2.67				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								
ROYSTER CLARK (MURR)		MURRAY KY 42071						
09-23-30	51196	8.42	21.98	30.71		98	CM	Bulk
09-23-30	51197	8.90	22.75	30.38		100	CM	Bulk
09-23-30	51198	8.91	22.82	30.26		100	CM	Bulk
09-23-30	52817	8.35	22.69	30.13		98	CM	Bulk
09-23-30	52818	8.85	22.72	30.81		100	CM	Bulk
09-23-30	52819	8.44	23.13	30.15		99	CM	Bulk
09-23-30	52820	8.68	23.45	30.13		100	CM	Bulk
09-23-30	52821	8.72	22.88	30.11		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 8								
Average Analysis :		8.66	22.80	30.34		99.4		
CV, %		2.64	1.84	0.92				
17-15-20	51826	17.52	14.50	20.68		100	CM	Bulk
17-15-20	51827	17.85	16.30	19.18		102	CM	Bulk
17-15-20	51910	19.32	15.86	19.68		105	CM	Bulk
17-15-20	51911	17.62	15.67	19.35		100	CM	Bulk
17-19-17	51909	19.42	18.15 *	18.22		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

ROYSTER CLARK (MURR)	MURRAY KY	42071						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.87	99.36	100.74				
ALL SAMPLES,CV %		6.03	3.82	2.72				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate = 7.69 %								

ROYSTER CLARK (SED)	SEDALIA KY	42079						
07-20-29	50201+	8.01	20.31	29.30		101	CM	Bulk
07-20-29	50202+	7.49	19.20	30.16		98	CM	Bulk
07-20-29	50203+	7.60	19.39	30.00		99	CM	Bulk
09-23-30	51042	8.82	22.60	30.51		100	CM	Bulk
09-23-30	51043	8.78	23.06	30.35		100	CM	Bulk
09-23-30	51146	8.90	22.61	30.45		100	CM	Bulk
09-23-30	51147	9.17	23.51	29.29		100	CM	Bulk
09-23-30	52384	9.31	24.15	29.20		101	CM	Bulk
09-23-30	52385	8.35	21.45 *	31.75		99	CM	Bulk
09-23-30	52386	8.43	22.22	30.82		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		8.82	22.80	30.34		99.8		
CV, %		3.99	3.85	2.91				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.79	98.49	101.60				
ALL SAMPLES,CV %		3.69	3.62	2.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

ROYSTER CLARK (UTICA)	UTICA KY	42376						
00-23-30	53010	0.00	24.08	30.36		103	CM	Bulk
00-23-30	53011	0.00	24.70	29.82		103	CM	Bulk
00-23-30	53013	0.00	23.88	30.73		103	CM	Bulk
00-23-30	53014	0.00	23.30	30.90		102	CM	Bulk
00-23-30	53016	0.00	22.63	31.87		103	CM	Bulk
Statistical Analysis for Grade : 00-23-30								
Number of Samples This Grade : 5								
Average Analysis :		0.00	23.72	30.74		102.8		
CV, %		0	3.32	2.46				
08-14-32	53008	7.71	14.59	33.71		101	CM	Bulk
08-14-32	53009	7.80	14.73	32.98		100	CM	Bulk
09-23-30	53007	9.06	23.38	29.88		101	CM	Bulk
09-23-30	53012	8.70	23.47	31.02		102	CM	Bulk
09-23-30	53015	8.50	22.41	31.22		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

ROYSTER CLARK (UTICA)		UTICA KY 42376						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.28	101.48	102.77				
ALL SAMPLES,CV %		3.7	3.1	2.17				
NUMBER OF ANALYSIS		5	10	10				
Deficiency Rate = 0.00 %								

ROYSTER CLARK (WASH)		WASHINGTON CH OH 43160						
05-10-15	53072	5.14	10.88	13.86 *		99	Blend	Bag
05-20-20	53071	4.22 *	19.15	22.14		100	Blend	Bag
06-24-24	50826	6.15	24.45	24.21		102	Blend	Bag
06-24-24	53074	5.19 *	22.64	26.70		100	Blend	Bag
12-12-12	50827	10.78 *	11.42	11.24		92 *	Blend	Bag
12-12-12	53073	11.15	11.66	13.08		99	Blend	Bag
19-19-19	50825	18.24	20.02	18.86		100	Blend	Bag

RUDOLPH FARM SUPPLY, INC		SALEM KY 42078						
07-19-34	51308	8.08	20.46	33.97		102	CM	Bulk
07-19-34	51309	8.06	20.24	34.37		102	CM	Bulk
09-23-30	51305	8.66	22.14	31.59		100	CM	Bulk
09-23-30	51306	9.19	23.64	29.26		100	CM	Bulk
09-23-30	51307	8.12 *	20.70 *	33.54		99	CM	Bulk
10-26-25	51310	10.00	25.62	27.17		101	CM	Bulk
10-26-25	51311	10.23	26.01	26.16		100	CM	Bulk
10-26-25	51312	10.04	25.60	26.80		100	CM	Bulk
10-26-25	51313	10.87	27.72	24.34 *		102	CM	Bulk
25-22-00	51314	26.15	23.45	0.00		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.22	100.06	101.76				
ALL SAMPLES,CV %		4.79	4.67	5.12				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 20.00 %								

RUSSELLVILLE CROP SERVICE		RUSSELLVILLE KY 42276-0008						
06-31-24	50243	6.36	30.46	25.60		100	CM	Bulk
06-31-24	50244	6.37	30.75	25.21		100	CM	Bulk
06-31-24	50314	6.26	30.03	26.28		100	CM	Bulk
06-31-24	50315	6.31	30.10	26.24		100	CM	Bulk
07-20-25	50305+	8.25	21.86	25.54		104	CM	Bulk
07-20-25	50313+	7.24	19.42	26.77		98	CM	Bulk
09-23-30	51893	8.67	22.26	31.23		100	CM	Bulk
09-23-30	51894	8.74	22.57	31.04		100	CM	Bulk
09-24-19	51895+	9.84	23.74	19.94		101	CM	Bulk
10-27-24	51884	10.42	27.61	24.03		99	CM	Bulk
10-27-24	51885	10.61	27.62	23.77		99	CM	Bulk
10-27-24	51901	11.53	26.42	25.46		102	CM	Bulk
10-27-24	51902	10.42	26.55	25.40		99	CM	Bulk
12-30-20	51897	11.45	29.69	21.46		99	CM	Bulk
12-30-20	51898	11.32	29.68	21.18		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

RUSSELLVILLE CROP SERVICE		RUSSELLVILLE KY 42276-0008						
16-18-23	51892	16.59	18.45	24.52		101	CM	Bulk
19-19-19	51886	18.32	19.16	20.54		99	CM	Bulk
19-19-19	51890	18.50	18.68	20.86		99	CM	Bulk
19-19-19	51891	18.95	19.76	19.54		100	CM	Bulk
19-19-19	51899	18.93	18.78	20.48		100	CM	Bulk
19-19-19	51900	18.94	19.50	19.58		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.73	19.18	20.20		99.5		
CV, %		1.59	2.4	2.98				
27-13-13	51896	27.07	13.24	14.53		100	CM	Bulk
28-14-09	51887	28.23	14.10	9.85		99	CM	Bulk
28-14-09	51888	28.61	13.22	9.91		99	CM	Bulk
28-14-09	51889	28.37	13.75	9.63		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.60	98.25	104.83				
ALL SAMPLES,CV %		3.35	2.8	2.8				
NUMBER OF ANALYSIS		25	25	25				
Deficiency Rate = 0.00 %								

SCHOCHOH CROP		RUSSELLVILLE KY 42276						
05-25-30	50311	5.31	25.79	31.41		102	CM	Bulk
07-27-27	50246	6.89	26.41	28.33		99	CM	Bulk
07-27-27	50312	7.28	27.81	27.93		102	CM	Bulk
07-27-27	50316	7.29	26.81	28.78		101	CM	Bulk
07-27-27	50317	6.79	26.90	28.88		100	CM	Bulk
09-24-26	50160	8.98	22.95	26.63		99	CM	Bulk
09-24-26	50161	9.42	25.21	24.74		101	CM	Bulk
12-30-15	52653+	12.29	31.59	14.18		100	CM	Bulk

SCHULTZ CO.		BRIDGETON MO 63044						
02-05-02	51174+	2.71	5.45	2.61		121	Blend	Liq
02-07-07	51989+	2.79	8.47	8.49		124	Blend	Liq
05-10-05	50681+	5.58	10.47	5.64		109	Blend	Liq
05-10-05	52562+	5.39	9.51	5.49		102	Mnfr	Liq
08-14-09	50811+	8.26	14.63	9.10		103	Blend	Liq
09-09-06	50895+	7.13 *	6.72 *	6.51		84 *	Blend	Bag
10-15-10	50810+	11.30	14.68	9.85		104	Blend	Liq
10-24-10	52519+	13.13	25.93	10.45		115	Blend	Bag
12-08-10	53179+	12.62	8.29	10.54		105	Blend	Bag
14-07-07	53180+	13.31	6.75	6.59		95 *	Blend	Bag
14-14-16	52563+	16.72	16.94	18.90		119	Blend	Bag
16-12-12	50053+	16.65	12.08	12.55	*	103	Blend	Bag
16-12-12	50896+	16.82	11.92	12.65		104	Blend	Bag
16-12-12	53178+	17.82	13.63	11.55		108	Blend	Bag
18-06-12	50061+	18.25	7.52	11.41		104	Blend	Bag
18-06-12	50068+	18.44	7.76	11.53		105	Blend	Bag
18-06-12	50122+	18.00	7.03	10.97 *		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SCHULTZ CO.	BRIDGETON MO 63044							
19-31-17	51627+	20.00	31.23	17.17		102	Blend	Bag
20-20-20	51990+	21.21	19.86	20.72		103	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		109.29	106.38	105.16				
ALL SAMPLES,CV %		13.01	12.08	9.55				
NUMBER OF ANALYSIS		19	19	19				
Deficiency Rate = 15.79 %								
SCOTTS MIRACLE-GRO PRODUCTS, INC	MARYSVILLE OH 43041							
07-07-07	50631+	7.91	7.33	7.65		110	Blend	Liq
08-07-06	50626+	8.33	7.63	6.55		107	Blend	Liq
08-07-06	52626+	8.59	7.68	6.52		108	Blend	Liq
10-10-10	51733+	11.11	11.10	11.29		112	Mnfr	Bag
10-16-10	51732	10.58	15.83	10.87		104	Mnfr	Bag
10-52-10	53176+	10.37	53.28	10.43		103	Mnfr	Bag
12-04-08	50627+	12.25	4.18	8.80		104	Blend	Liq
12-04-08	52625+	12.33	4.30	8.47		104	Blend	Liq
12-06-12	51624+	14.65	5.41	13.74		114	Blend	Bag
15-30-15	50328+	15.43	30.90	16.07		104	Mnfr	Bag
15-30-15	50625+	15.69	31.03	16.13		105	Mnfr	Bag
15-30-15	52683+	16.03	30.99	15.37		104	Blend	Bag
18-18-21	53177+	19.20	18.00	21.56		104	Mnfr	Bag
18-24-16	53175+	19.86	24.18	16.58		105	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.38	103.46	107.63				
ALL SAMPLES,CV %		5	5.11	3.36				
NUMBER OF ANALYSIS		14	14	14				
Deficiency Rate = 0.00 %								
SCOTTS SIERRA	MARYSVILLE OH 43041							
19-06-12	50327+	19.63	6.51	12.93		105	Mnfr	Bag
19-06-12	50628+	20.03	6.87	13.21		108	Blend	Bag
19-06-12	50632+	20.07	6.84	13.47		108	Mnfr	Bag
19-06-12	51993	20.29	6.64	12.89		107	Blend	Bag
19-06-12	51997	20.97	6.68	13.09		110	Blend	Bag
19-06-12	52217	20.42	6.60	13.08		108	Blend	Bag
Statistical Analysis for Grade : 19-06-12								
Number of Samples This Grade : 6								
Average Analysis :		20.24	6.69	13.11		107.8		
CV, %		2.22	2.09	1.61				
28-03-03	50084+	27.84	3.00	3.66		101	Mnfr	Bag
29-03-04	50083+	29.68	3.02	4.68		103	Mnfr	Bag
SHELLEY, W.H.	HILLSBORO KY 41049							
00-00-62	53243	0.00	0.00	62.38		101	Mat	Bulk
10-26-26	53325	10.28	26.86	26.21		100	CM	Bulk
12-09-14	53326	12.52	9.63	14.56		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SHELLEY, W.H.	HILLSBORO KY 41049							
13-06-13	53237	13.41	6.75	13.33		101	CM	Bulk
13-15-23	53239	13.42	16.60	23.30		102	CM	Bulk
14-09-13	53238	14.66	9.84	12.93	*	100	CM	Bulk
17-08-17	53327	16.69	10.90	19.67		104	CM	Bulk
19-19-19	53240	20.86	21.13	18.64		104	CM	Bulk
34-00-00	53241	33.83	0.00	0.00		99	Mat	Bulk
46-00-00	53242	45.87	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.22	106.51	99.94				
ALL SAMPLES,CV %		4	6.78	4.79				
NUMBER OF ANALYSIS		9	7	8				
Deficiency Rate = 0.00 %								
SPECIALTY FERTILIZER PROD.	BELTON MO 64012							
00-00-00	52874+	0.00	0.00	0.00			Mat	Bag
SPECTRUM GROUP	ST. LOUIS MO 63146-3538							
04-16-08	50798	4.12	15.72	8.22		100	Blend	Liq
08-16-08	50077+	7.62	15.95	8.05		98	Blend	Liq
08-16-08	50797+	7.99	15.24	7.92		98	Blend	Liq
09-09-06	50334	10.12	10.71	7.92		118	Blend	Bag
10-10-10	51173+	10.75	10.27	10.62		106	Blend	Liq
10-10-10	51629	7.65 *	6.49 *	14.62		92	Blend	Bag
12-05-07	51018+	12.56	6.55	8.86		114	Blend	Bag
12-06-06	53235+	10.66 *	6.31	7.12		98	Blend	Bag
12-10-05	50101+	12.51	9.05 *	5.82		101	Blend	Bag
14-07-07	50336+	15.08	7.15	6.45		104	Blend	Bag
14-07-07	50345+	13.11	6.25	7.40		95	* Blend	Bag
15-05-13	50100+	17.07	7.56	14.78		119	Blend	Bag
15-30-15	50031	14.76	28.62	16.01		98	Blend	Bag
15-30-15	50057	16.26	29.52	12.95 *		100	Blend	Bag
15-30-15	50074	15.38	30.20	14.79		101	Blend	Bag
15-30-15	50086	14.90	29.15	14.16		97	Blend	Bag
15-30-15	50097	14.88	30.08	15.70		101	Blend	Bag
15-30-15	50124	14.95	28.45	13.89 *		96	* Blend	Bag
Statistical Analysis for Grade : 15-30-15								
Number of Samples This Grade :		6						
Average Analysis :		15.19	29.34	14.58		98.9		
CV, %		3.73	2.49	7.91				
16-04-08	51017+	15.53	5.62	8.34		104	Blend	Bag
18-24-10	50078+	17.71	24.68	9.29		100	Blend	Bag
18-24-10	51496+	18.38	24.41	10.41		102	Blend	Bag
18-24-10	53255+	18.81	21.36 *	9.79		97	Blend	Bag
19-06-12	52747+	20.91	8.53	11.44		111	Mnfr	Bag
20-27-05	50043	19.45	26.87	5.90		100	Blend	Bag
22-03-14	50042+	20.89	2.93	14.74		98	Blend	Bag
22-03-14	50129	21.31	3.32	14.16		99	Blend	Bag
22-03-14	50133	20.95	2.95	15.04		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

SPECTRUM GROUP	ST. LOUIS MO	63146-3538						
22-03-14	50153	25.01	4.55	12.60 *		111	Blend	Bag
22-03-14	50156	20.74	2.94	15.06		98	Blend	Bag
22-03-14	50218	20.02 *	2.75	15.57		96 *	Blend	Bag
22-03-14	50254	19.10 *	2.38	14.84		91 *	Blend	Bag
Statistical Analysis for Grade : 22-03-14								
Number of Samples This Grade :		7						
Average Analysis :		21.15	3.12	14.57		98.5		
CV, %		8.77	22.19	6.63				
22-04-11	50041+	21.98	3.97	10.38		99	Blend	Bag
22-04-11	50255	21.53	3.85	12.96		101	Blend	Bag
22-04-11	50335	22.62	4.08	11.27		103	Blend	Bag
22-04-11	50343	24.08	4.76	10.42		108	Blend	Bag
22-04-11	50344	23.23	4.48	10.46		104	Blend	Bag
Statistical Analysis for Grade : 22-04-11								
Number of Samples This Grade :		5						
Average Analysis :		22.69	4.23	11.10		103.0		
CV, %		4.45	8.99	9.95				
28-02-04	50055	27.98	2.01	4.10		100	Blend	Bag
28-02-04	50081	28.39	2.76	4.57		104	Blend	Bag
28-03-08	50033+	28.82	2.90	8.61		103	Blend	Bag
28-03-08	50058+	28.11	4.55	8.10		104	Blend	Bag
28-03-08	50066+	27.53	3.93	8.72		102	Blend	Bag
28-03-08	50088+	28.79	3.40	8.05		103	Blend	Bag
28-03-08	50093+	27.41	3.34	8.82		100	Blend	Bag
28-03-08	52746+	28.36	3.75	7.81		102	Blend	Bag
Statistical Analysis for Grade : 28-03-08								
Number of Samples This Grade :		6						
Average Analysis :		28.17	3.65	8.35		102.4		
CV, %		2.15	15.61	4.99				
29-02-05	50080+	32.02	1.80	2.44 *		105	Blend	Bag
29-02-05	51626+	29.48	1.93	6.15		103	Mnfr	Bag
29-02-05	53256+	25.77 *	3.14	4.99		93 *	Blend	Bag
30-02-05	51012	30.04	2.30	4.78		100	Mnfr	Bag
30-03-04	51172	31.01	3.18	3.66		103	Blend	Bag
30-03-04	51628	28.78	3.27	4.35		98	Blend	Bag
30-03-04	51630	30.11	2.97	3.67		100	Blend	Bag
30-10-10	52748+	31.08	10.37	10.22		103	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.42	107.90	103.71				
ALL SAMPLES,CV %		6.88	18.06	13.18				
NUMBER OF ANALYSIS		52	52	52				
Deficiency Rate = 23.08 %								

SPEED AG SERVICE	HICKMAN KY	42050						
00-00-60	50499	0.00	0.00	61.69		103	Mat	Bulk
08-12-31	51202+	7.69	10.41 *	34.46		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SPEED AG SERVICE	HICKMAN KY 42050							
08-21-28	52371+	7.78 *	19.86 *	32.07		100	CM	Bulk
08-21-32	52372	8.47	20.49	33.61		101	CM	Bulk
09-23-30	51203	8.31	20.75 *	34.40		101	CM	Bulk
09-23-30	51204	8.23	21.14 *	34.06		101	CM	Bulk
09-23-30	51205	9.63	23.96	29.71		103	CM	Bulk
09-23-30	52373	8.63	21.70	31.88		100	CM	Bulk
09-23-30	52375	8.90	22.28	31.03		100	CM	Bulk
09-23-30	52377	9.02	23.19	30.14		101	CM	Bulk
09-23-30	52378	8.58	21.38 *	31.98		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 7								
Average Analysis :		8.76	22.06	31.88		100.7		
CV, %		5.47	5.27	5.66				
09-24-27	51206	9.38	25.09	28.49		101	CM	Bulk
18-09-21	52374	16.51 *	9.00	25.04		99	CM	Bulk
18-46-00	50500	17.38	45.11	0.00		98	Mat	Bulk
32-00-00	52376	31.78	0.00	0.00		99	Mat	Liq
34-00-00	50501	33.88	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.57	95.13	107.15				
ALL SAMPLES,CV %		4.94	5.32	5.42				
NUMBER OF ANALYSIS		15	13	13				
Deficiency Rate = 37.50 %								

SQM NORTHAMERICA	ATLANTA GA 30339							
15-00-14	51709	14.60	0.00	16.99		109	Mnfr	Bag
15-00-14	52664	14.70	0.00	16.69		108	Mnfr	Bag
15-00-14	53268	15.01	0.00	17.29		111	Mnfr	Bag

SS (BARD) BARDSTOWN SVC	BARDSTOWN KY 40004							
19-19-19	52505	19.03	19.53	20.07		100	CM	Bulk
19-19-19	52511	19.85	20.04	18.42		101	CM	Bulk
20-19-18	52553	20.50	19.06	17.92		100	CM	Bulk
26-19-00	52515+	25.71	19.52	0.00		98	CM	Bulk
26-19-00	52516+	26.08	18.56	0.00		97	CM	Bulk
28-00-22	52512	28.97	0.00	23.27		102	CM	Bulk
30-00-19	52552	32.60	0.00	19.77		104	CM	Bulk
30-00-20	52514	30.65	0.00	19.68		100	CM	Bulk
32-15-00	52517+	32.76	14.92	0.00		99	CM	Bulk
38-11-00	52513	38.88	10.77	0.00		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.51	98.61	99.20				
ALL SAMPLES,CV %		2.49	3.37	3.6				
NUMBER OF ANALYSIS		10	7	6				
Deficiency Rate = 0.00 %								

SS (BOWL) BOWLING GREEN COOP	BOWLING GREEN KY 42101							
09-23-30	50331	9.32	23.90	29.54		102	CM	Bulk
09-23-30	51392	8.85	22.66	31.46		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (BOWL) BOWLING GREEN COOP		BOWLING GREEN KY 42101						
16-11-15	51391	18.95	11.22	15.53		106	CM	Bulk
19-19-19	51784	19.37	23.49	16.40 *		102	CM	Bulk
19-19-19	51785	18.49	19.05	20.47		99	CM	Bulk
19-19-19	51786	19.23	19.26	19.76		100	CM	Bulk
19-19-19	51787	19.76	20.37	18.74		102	CM	Bulk
19-19-19	51844	19.32	18.77	20.28		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade :		5						
Average Analysis :		19.23	20.19	19.13		100.6		
CV, %		2.41	9.63	8.73				
24-15-15	51788	25.72	14.56	15.78		101	CM	Bulk
38-13-00	51843	38.16	13.36	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.78	101.41	100.07				
ALL SAMPLES,CV %		5.17	7.82	6.55				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 10.00 %								
SS (CADI) CADIZ BR		CADIZ KY 42211						
05-26-30	50375	5.38	25.98	29.86		99	CM	Bulk
19-19-19	52199	19.04	20.02	20.05		101	CM	Bulk
21-14-21	52200	22.19	13.92	21.15		102	CM	Bulk
23-23-11	51756	23.03	23.99	11.56		101	CM	Bulk
26-13-13	52248+	27.31	12.85	14.02		101	CM	Bulk
26-13-13	52249+	26.94	12.72	13.95		100	CM	Bulk
26-13-13	52250+	26.60	14.24	13.96		101	CM	Bulk
26-13-13	52251+	28.01	14.03	12.21 *		102	CM	Bulk
26-13-13	52252+	27.32	12.69	13.39		100	CM	Bulk
26-13-13	52253+	27.52	12.93	13.20		100	CM	Bulk
Statistical Analysis for Grade : 26-13-13								
Number of Samples This Grade :		6						
Average Analysis :		27.28	13.24	13.45		100.8		
CV, %		1.77	5.28	5.2				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.11	99.74	100.37				
ALL SAMPLES,CV %		2.37	4.4	4.11				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								
SS (CALH) CALHOUN		CALHOUN KY 42327						
00-22-30	52595	0.00	23.45	30.33		103	CM	Bulk
00-22-30	52596	0.00	23.72	30.37		103	CM	Bulk
09-23-30	51263	8.79	22.38	30.71		100	CM	Bulk
09-23-30	51265	8.88	23.62	29.77		100	CM	Bulk
19-18-19	52597	19.33	21.67	18.35		102	CM	Bulk
SS (CAMP) CAMPBELLSVILLE		CAMPBELLSVILLE KY 42718						
09-18-27	52905	8.98	17.38	29.15	*	101	CM	Bulk
22-12-12	52906	23.12	11.86	12.45		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (CAMP) CAMPBELLSVILLE		CAMPBELLSVILLE KY 42718						
25-09-09	52907	25.74	8.60	9.87		100	CM	Bulk
25-09-09	52908	25.60	8.73	9.68		100	CM	Bulk
SS (CAMP) KNTCKANA SVC CMPBLL BR		CAMPBELLSBURG KY 40011						
09-05-08	53064	9.23	6.20	8.47		103	CM	Bulk
12-11-16	53307	12.66	11.12	17.06		101	CM	Bulk
16-00-31	53308	16.90	0.00	33.23		103	CM	Bulk
19-19-19	53067	19.64	18.11	19.96		100	CM	Bulk
22-10-15	53066	22.38	10.65	20.35		110	CM	Bulk
22-10-19	53065	23.29	11.12	19.38		103	CM	Bulk
26-13-14	53306	28.18	13.76	13.37		102	CM	Bulk
SS (CARL) OWINGS SVC-CARLISLE BR		CARLISLE KY 40311						
07-15-22	52890	7.82	15.50	23.08		102	CM	Bulk
16-09-14	52889	16.46	9.15	14.70		101	CM	Bulk
16-09-14	52894	16.53	9.46	14.18		100	CM	Bulk
19-19-19	52276	18.74	19.62	19.76		100	CM	Bulk
19-19-19	52277	18.81	19.34	19.82		99	CM	Bulk
19-19-19	52278	19.19	18.69	20.06		100	CM	Bulk
19-19-19	52279	19.87	18.17	20.88		102	CM	Bulk
19-19-19	52893	19.42	18.73	19.84		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.21	18.91	20.07		99.9		
CV, %		2.42	3.03	2.32				
20-08-22	52891	21.49	8.54	23.16		103	CM	Bulk
20-08-22	52892	20.91	8.63	23.72		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.46	98.28	103.09				
ALL SAMPLES,CV %		2.39	2.49	2.47				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (COLU) GREEN RVR SVC ADAIR		COLUMBIA KY 42728						
19-10-15	53188	20.41	10.62	16.12		103	CM	Bulk
19-19-19	53190	19.34	19.49	19.98		101	CM	Bulk
20-00-19	53186	21.61	0.00	19.39		102	CM	Bulk
20-00-19	53187	22.06	0.00	18.84		102	CM	Bulk
20-11-16	53189	20.65	10.19	15.13		101	CM	Bulk
23-10-10	53317	24.47	11.74	10.82		102	CM	Bulk
23-10-10	53318	22.80	14.58	11.54		104	CM	Bulk
25-11-17	52082	24.32	11.55	19.07		99	CM	Bulk
25-11-17	52083	25.78	11.81	17.80		101	CM	Bulk
25-11-17	52084	25.68	12.04	18.02		102	CM	Bulk
27-13-13	53191	27.64	13.68	15.11		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

SS (COLU) GREEN RVR SVC ADAIR		COLUMBIA KY 42728						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.20	104.60	102.99				
ALL SAMPLES,CV %		3.57	10.74	4.72				
NUMBER OF ANALYSIS		11	9	11				
Deficiency Rate = 0.00 %								

SS (CYN) LEXINGTON COOP-CYN BRANCH		CYNTHIANA KY 41031						
14-04-06	52270	14.54	5.00	5.82		102	CM	Bulk
21-00-21	52269	21.44	0.00	22.81		101	CM	Bulk
22-00-20	52266	23.42	0.00	20.01		102	CM	Bulk
22-00-20	52274	22.71	0.00	20.80		102	CM	Bulk
22-00-20	52275	23.01	0.00	19.76		101	CM	Bulk
30-00-19	52272	31.44	0.00	19.79		101	CM	Bulk
31-00-11	52267+	32.57	0.00	10.99		103	CM	Bulk
31-00-11	52268+	33.40	0.00	10.78		105	CM	Bulk
31-00-11	52271+	31.54	0.00	11.59		102	CM	Bulk
36-00-12	52273	37.59	0.00	12.18		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.51	109.87	99.65				
ALL SAMPLES,CV %		2.17	0	3.21				
NUMBER OF ANALYSIS		10	1	10				
Deficiency Rate = 0.00 %								

SS (DANV) COOP BOYLE BR		DANVILLE KY 40422						
00-00-57	52948+	0.00	0.00	57.84		100	CM	Bulk
19-19-19	52945	19.15	19.04	19.57		99	CM	Bulk
29-00-17	52946+	30.48	0.00	16.80		100	CM	Bulk
29-00-17	52947+	29.74	0.00	17.84		100	CM	Bulk
30-00-17	52942	30.57	0.00	18.81		101	CM	Bulk
30-00-18	52941	30.74	0.00	19.64		102	CM	Bulk
30-00-18	52943	30.86	0.00	18.52		101	CM	Bulk
30-00-18	52944	30.85	0.00	19.19		102	CM	Bulk
31-00-18	52949	31.73	0.00	19.06		101	CM	Bulk
31-00-18	52950	31.60	0.00	19.23		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.02	98.48	102.58				
ALL SAMPLES,CV %		0.9	0	3.32				
NUMBER OF ANALYSIS		9	1	10				
Deficiency Rate = 0.00 %								

SS (ELIZ) HARDIN COOP, INC		ELIZABETHTOWN KY 42701						
00-25-26	51294	0.00	25.62	26.91		102	CM	Bulk
09-25-25	51296	9.58	24.85	27.21		101	CM	Bulk
18-19-20	51295	18.64	20.00	20.99		102	CM	Bulk
19-19-19	51290	18.88	18.65	20.37		99	CM	Bulk
19-19-19	51291	19.11	19.07	20.17		100	CM	Bulk
19-19-19	51297	18.67	19.81	20.21		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (ELIZ) HARDIN COOP, INC		ELIZABETHTOWN KY 42701						
19-19-19	51298	19.17	19.50	19.75		100	CM	Bulk
19-19-19	51299	19.20	19.82	21.05		103	CM	Bulk
19-19-19	51444	18.92	19.82	19.41		100	CM	Bulk
19-19-19	51445	19.26	19.33	20.40		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :		19.03	19.43	20.19		100.5		
CV, %		1.12	2.3	2.57				
35-07-07	51446	35.49	7.64	7.97		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.74	99.95	103.97				
ALL SAMPLES,CV %		1.55	2.08	2.46				
NUMBER OF ANALYSIS		10	11	11				
Deficiency Rate = 0.00 %								
SS (ELKT) RUSS.-TODD BRANCH		ELKTON KY 42220						
08-22-00	51185	8.80	23.16	0.00		101	CM	Bulk
09-24-27	51188	9.50	24.59	27.41		99	CM	Bulk
11-28-00	51183	10.92	28.26	0.00		98	CM	Bulk
16-42-00	51186+	16.33	42.60	0.00		100	CM	Bulk
19-19-19	51182	19.95	19.15	18.89		100	CM	Bulk
19-19-19	51189	19.40	18.97	19.82		100	CM	Bulk
22-16-17	51181	22.86	16.40	16.88		100	CM	Bulk
25-18-12	51190	25.66	18.70	11.88		100	CM	Bulk
27-11-15	51180	27.15	11.52	15.73		100	CM	Bulk
27-11-15	51184	27.77	11.32	15.62		101	CM	Bulk
27-11-15	51191	27.62	11.28	15.53		101	CM	Bulk
36-15-00	51187	37.15	15.56	0.00		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.67	99.84	101.39				
ALL SAMPLES,CV %		1.43	1.45	2.67				
NUMBER OF ANALYSIS		12	12	8				
Deficiency Rate = 0.00 %								
SS (EMIN) INC KNTCKANA SVC-HENRY BR		EMINENCE KY 40019-9801						
09-23-30	53054	8.88	22.03	31.50		100	CM	Bulk
09-25-26	53061+	9.91	25.53	26.47		101	CM	Bulk
13-16-24	53059	13.85	15.68	25.66		101	CM	Bulk
15-09-14	53055	15.40	9.57	15.41		101	CM	Bulk
16-09-14	53056	15.37	8.83	15.95		101	CM	Bulk
16-09-14	53058	16.53	9.24	15.36		103	CM	Bulk
19-13-20	53053	19.21	13.00	21.52		101	CM	Bulk
19-13-20	53057	19.32	13.16	21.33		101	CM	Bulk
21-09-14	53060	21.58	9.52	14.86		102	CM	Bulk
33-07-10	53052	34.24	8.14	9.99		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

SS (EMIN) INC KNTCKANA SVC-HENRY BR		EMINENCE KY 40019-9801						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.92	97.10	104.28				
ALL SAMPLES,CV %		2.53	4.22	2.85				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (FLEM) FLEMINGSBURG		FLEMINGSBURG KY 41041						
05-14-40	52137	5.99	14.72	40.68		100	CM	Bulk
08-11-36	52134+	8.56	10.88	36.41		100	CM	Bulk
13-02-03	52130	14.13	2.94	3.76		104	CM	Bulk
13-02-03	52133	13.08	2.95	3.58		97	CM	Bulk
13-02-03	52136	13.61	3.07	3.71		101	CM	Bulk
13-02-04	52131	9.07 *	2.72	4.21		75 *	CM	Bulk
15-00-00	52135	15.10	0.00	0.00		98	CM	Bulk
17-00-00	52132	16.73	0.00	0.00		98	CM	Bulk
19-19-19	52138	19.52	19.64	19.01		100	CM	Bulk
29-11-11	52129	29.66	11.80	12.20		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		96.75	102.06	100.56				
ALL SAMPLES,CV %		10.94	4.43	2.33				
NUMBER OF ANALYSIS		10	8	8				
Deficiency Rate = 10.00 %								

SS (FRAN) SIMPSON COOP		FRANKLIN KY 42134						
05-14-38	50186	6.33	17.10	35.29 *		103	CM	Bulk
08-22-28	51852	8.37	21.52	29.01		99	CM	Bulk
09-25-27	50272	9.21	24.42	29.52		100	CM	Bulk
09-25-27	50273	9.76	24.80	29.07		102	CM	Bulk
10-26-25	51848	10.41	26.31	25.41		100	CM	Bulk
25-14-15	51849	25.34	13.89	16.18		100	CM	Bulk
25-18-12	51574	25.16	18.64	12.05		99	CM	Bulk
26-15-13	51846	26.74	15.54	13.38		101	CM	Bulk
26-15-13	51847	26.72	14.35	13.31		99	CM	Bulk
30-11-10	51850+	30.29	11.93	10.29		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.99	100.51	101.36				
ALL SAMPLES,CV %		4.32	6.18	4.19				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

SS (GEOR) GEORGETOWN COOP		GEORGETOWN KY 40324						
03-03-03	52770	3.22	3.96	3.74		101	CM	Bulk
08-10-16	52764	8.15	10.71	17.26		102	CM	Bulk
09-00-04	52778	9.25	0.00	7.39		111	CM	Bulk
10-17-33	52765	10.19	16.07	33.59		99	CM	Bulk
21-04-22	52769	20.55	5.11	24.52		103	CM	Bulk
22-00-20	52775	23.84	0.00	17.98 *		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

SS (GEOR) GEORGETOWN COOP		GEORGETOWN KY 40324						
25-07-10	52771+	26.03	7.71	10.03		99	CM	Bulk
25-07-10	52774+	25.41	7.07	10.94		99	CM	Bulk
25-07-10	52779+	25.09	6.90	11.02		98	CM	Bulk
31-00-16	52773	30.82	0.00	17.15		100	CM	Bulk
31-00-16	52777	30.72	0.00	17.51		100	CM	Bulk
31-04-13	52776+	31.25	4.68	12.98		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.31	100.34	105.56				
ALL SAMPLES,CV %		3.97	10.1	13.68				
NUMBER OF ANALYSIS		12	8	12				
Deficiency Rate = 8.33 %								

SS (GLAS) GLASGOW COOP		GLASGOW KY 42141						
06-16-36	51055+	6.47	16.06	36.89		99	CM	Bulk
17-17-17	51050	18.41	16.90	17.82		100	CM	Bulk
19-19-19	51049	19.75	20.08	17.98		102	CM	Bulk
19-19-19	51056	18.19	18.98	21.31		99	CM	Bulk
19-19-19	51057	19.18	20.32	19.33		101	CM	Bulk
22-11-22	51051	22.08	11.09	23.75		102	CM	Bulk
22-11-22	51052	21.05	11.45	24.54		101	CM	Bulk
23-11-11	51054	23.27	11.84	12.44		101	CM	Bulk
27-13-13	51053	26.97	13.38	14.38		100	CM	Bulk
29-10-13	51058	29.20	11.28	13.61		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.09	101.29	103.75				
ALL SAMPLES,CV %		3.17	4.7	4.78				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

SS (GREE) GREENVILLE KY SVC		GREENVILLE KY 42345						
09-23-29	52142	9.55	23.77	28.71		100	CM	Bulk
09-23-30	52146	9.04	22.78	29.68		99	CM	Bulk
09-23-30	52147	9.13	24.00	28.72		100	CM	Bulk
09-23-30	52148	9.20	23.22	29.84		101	CM	Bulk
09-23-30	52149	9.19	22.66	30.90		101	CM	Bulk
09-25-26	52140	10.46	26.70	25.68		102	CM	Bulk
09-25-26	52141	10.09	25.50	26.71		100	CM	Bulk
09-25-26	52144	10.34	25.95	26.18		101	CM	Bulk
10-25-26	52145	10.05	24.58	26.08		98	CM	Bulk
19-19-18	51194	19.78	18.91	18.40		99	CM	Bulk
19-19-18	51195	19.69	19.83	18.68		100	CM	Bulk
19-19-18	52143	19.40	20.92	18.16		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

SS (GREE) GREENVILLE KY SVC		GREENVILLE KY 42345						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.80	101.04	98.13				
ALL SAMPLES,CV %		1.88	3.38	2.14				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 0.00 %								

SS (HARD) BRECK COOP		HARDINSBURG KY 40143						
00-25-25	50363	0.00	25.47	26.77		101	CM	Bulk
00-25-25	50364	0.00	25.96	26.50		102	CM	Bulk
07-06-06	50361	6.71	6.90	8.01		107	CM	Bulk
07-14-07	53221	6.08 *	14.49	8.76	*	105	Mnfr	Liq
07-14-07	53281	4.64 *	12.89 *	10.70	*	102	Mnfr	Liq
07-14-07	53282	6.51	14.75	7.86	*	104	Mnfr	Liq
12-09-14	53277	13.15	8.80	14.77		101	CM	Bulk
12-09-14	53279	14.11	11.57	13.39		105	CM	Bulk
13-35-00	50362	13.62	36.56	0.00		102	CM	Bulk
18-11-17	53278	19.11	11.24	17.27		102	CM	Bulk
19-19-19	52498	20.54	20.07	17.95 *		102	CM	Bulk
19-19-19	52500	19.46	19.48	19.48		101	CM	Bulk
19-19-19	52501	19.36	19.51	19.31		100	CM	Bulk
19-19-19	52502	19.41	20.40	18.93		101	CM	Bulk
19-19-19	52503	19.88	18.81	19.73		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.73	19.65	19.08		100.8		
CV, %		2.52	3.11	3.65				
32-09-09	52504	33.43	9.78	9.54		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		97.52	101.97	107.86				
ALL SAMPLES,CV %		10.84	6.36	14.78				
NUMBER OF ANALYSIS		14	16	15				
Deficiency Rate = 18.75 %								

SS (HARR) CNTRL KY SVC		HARRODSBURG KY 40330						
00-00-43	52937+	0.00	0.00	44.11		101	CM	Bulk
00-00-55	53145+	0.00	0.00	55.61		100	CM	Bulk
17-00-25	52935	16.73	0.00	26.55		103	CM	Bulk
30-00-20	52936	31.46	0.00	19.58		101	CM	Bulk

SS (HEND) HENDERSON COOP		HENDERSON KY 42420						
05-24-31	52635	5.38	25.48	31.67		102	CM	Bulk
09-23-29	52637	8.94	22.86	31.20		101	CM	Bulk
09-23-29	52639	9.67	25.01	28.87		103	CM	Bulk
09-23-30	52636	9.34	24.06	30.20		103	CM	Bulk
09-23-30	52638	8.99	23.47	30.57		102	CM	Bulk
09-25-27	52640	10.26	26.49	26.77		102	CM	Bulk
09-25-27	52641	10.02	25.49	27.89		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS-CL	RV	Type	Form
SS (HEND) HENDERSON COOP		HENDERSON KY 42420						
21-15-20	52632	21.99	15.33	20.12		102	CM	Bulk
30-00-20	52633	32.34	0.00	18.82 *		102	CM	Bulk
30-00-20	52634	27.22 *	0.00	24.49		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.65	102.97	102.00				
ALL SAMPLES,CV %		5.12	3.41	7.27				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 20.00 %								
SS (HODG) HARDIN COOP HODG BR SVC		HODGENVILLE KY 42748						
00-19-32	51225+	0.00	20.36	33.33		104	CM	Bulk
00-24-26	50404	0.00	25.29	27.53		102	CM	Bulk
00-25-25	50382	0.00	25.73	27.89		104	CM	Bulk
00-25-25	51228	0.00	26.81	26.08		103	CM	Bulk
00-26-25	50383	0.00	26.64	26.52		103	CM	Bulk
08-16-24	52997	8.88	17.16	25.16		104	CM	Bulk
09-18-27	52998	9.36	18.63	29.32		104	CM	Bulk
19-19-18	51224	19.64	19.95	19.29		101	CM	Bulk
19-19-18	51231	19.86	19.65	19.33		101	CM	Bulk
19-19-19	51229	19.15	20.23	19.30		101	CM	Bulk
19-19-19	51230	19.36	19.22	20.19		101	CM	Bulk
20-12-20	52996	19.68	12.21	21.49		102	CM	Bulk
30-11-11	51232	31.04	11.36	11.78		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.37	101.93	103.66				
ALL SAMPLES,CV %		2.86	1.72	2.55				
NUMBER OF ANALYSIS		8	13	13				
Deficiency Rate = 0.00 %								
SS (HOPK) HOPKINSVILLE COOP		HOPKINSVILLE KY 42240						
05-26-27	50169	5.56	26.90	28.31		101	CM	Bulk
05-26-27	50171	5.54	26.99	28.22		101	CM	Bulk
05-27-27	50168	5.66	27.19	27.55		101	CM	Bulk
06-27-27	50170	5.50	26.71	28.13		100	CM	Bulk
07-19-34	50497	7.64	19.50	35.01		101	CM	Bulk
07-19-34	50498	7.81	19.65	35.26		102	CM	Bulk
09-14-16	50304	9.93	14.76	18.61		107	CM	Bulk
10-27-22	51161	10.70	26.27	22.56		100	CM	Bulk
10-27-23	51160	10.72	27.23	23.27		98	CM	Bulk
31-09-11	52198	32.74	8.80	11.88		103	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.03	99.36	102.95				
ALL SAMPLES,CV %		3.14	1.73	3.6				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (HORS) HORSE CAVE COOP		HORSE CAVE KY 42749						
09-23-30	51074	8.52	21.19 *	33.60		101	CM	Bulk
15-06-19	52845+	14.67	6.71	21.19		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (HORS) HORSE CAVE COOP		HORSE CAVE KY 42749						
15-06-20	52846+	14.95	7.45	20.90		101	CM	Bulk
16-04-18	52842+	14.21 *	4.54	22.12		102	CM	Bulk
18-00-36	51075	16.98	0.00	37.96		99	CM	Bulk
18-25-13	51077+	18.52	25.64	13.61		102	CM	Bulk
18-25-13	51079+	18.51	25.25	13.17		101	CM	Bulk
19-19-19	51073	19.61	19.32	19.08		100	CM	Bulk
19-19-19	51078	17.92	20.32	21.29		101	CM	Bulk
19-19-19	51080	18.43	19.02	21.32		100	CM	Bulk
19-19-19	51081	18.17	19.87	21.24		101	CM	Bulk
19-19-19	51082	17.11 *	19.98	21.53		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.25	19.70	20.89		100.2		
CV, %		4.98	2.66	4.88				
25-13-13	51076	24.08	14.70	15.19		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		95.02	103.21	107.97				
ALL SAMPLES,CV %		4.84	7.42	5.33				
NUMBER OF ANALYSIS		13	12	13				
Deficiency Rate = 23.08 %								
SS (ISLA) COOP ISLAND BR		ISLAND KY 42350-0286						
09-23-30	52520	8.57	22.27	31.49		100	CM	Bulk
09-23-30	52521	9.18	23.67	29.65		101	CM	Bulk
09-23-30	52522	9.45	24.15	29.03		101	CM	Bulk
09-23-30	52523	9.94	24.92	29.99		105	CM	Bulk
09-23-30	52524	9.55	24.65	28.49 *		102	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade : 5								
Average Analysis :		9.34	23.93	29.73		101.9		
CV, %		5.45	4.37	3.83				
SS (LAGR) KY SVC BR-LAGRANGE BR		LAGRANGE KY 40031						
00-29-20	52280	0.00	29.75	21.62		102	CM	Bulk
00-29-20	52287	0.00	30.02	21.62		103	CM	Bulk
15-17-24	52284	15.06	17.20	25.74		101	CM	Bulk
17-20-19	52285	17.27	20.26	20.17		101	CM	Bulk
17-20-19	52286	17.14	21.00	18.87		100	CM	Bulk
20-12-22	52282	20.18	12.88	22.08		101	CM	Bulk
20-12-22	52283	19.40	11.99	23.65		100	CM	Bulk
26-13-13	52281	26.71	14.03	14.36		101	CM	Bulk
26-13-13	52288	27.04	13.98	14.62		102	CM	Bulk
26-13-13	52289	27.54	13.36	12.63		100	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						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.36	101.38	102.81				
ALL SAMPLES,CV %		1.65	2.74	4.51				
NUMBER OF ANALYSIS		8	10	10				
Deficiency Rate = 0.00 %								

SS (LAWR) ANDERSON FRANKLIN SVC BR		LAWRENCEBURG KY 40342						
12-09-14	53354	12.94	10.05	14.59		102	CM	Bulk

SS (LEBA) LEBANON SVC		LEBANON KY 40033						
06-15-40	52058	5.80	14.87	40.71		99	CM	Bulk
06-15-40	52059	5.85	14.87	40.44		99	CM	Bulk
10-13-22	52053+	11.27	13.80	22.92		101	CM	Bulk
16-13-27	52055	13.42 *	14.00	28.34		94 *	CM	Bulk
16-14-27	52054	13.72 *	14.40	27.63		95 *	CM	Bulk
19-19-19	52057	19.85	18.94	19.67		101	CM	Bulk
21-15-20	52056	20.38	16.74	20.45		101	CM	Bulk
26-17-11	52060+	25.97	17.94	12.06		101	CM	Bulk

SS (LEIT) LEITCHFIELD COOP		LEITCHFIELD KY 42754						
09-25-24	51978+	9.55	24.61	25.50		100	CM	Bulk
10-26-25	52352	10.34	26.90	25.50		101	CM	Bulk
10-26-26	51806	10.14	26.33	26.34		101	CM	Bulk
18-17-17	51959	18.41	17.91	18.79		102	CM	Bulk
19-19-19	51960	19.55	19.87	19.15		101	CM	Bulk
19-19-19	51961	19.28	18.83	19.21		99	CM	Bulk
19-19-19	52347	19.28	19.50	19.92		101	CM	Bulk
19-19-19	52348	19.55	19.69	19.53		101	CM	Bulk
19-19-19	52350	19.57	19.09	20.01		101	CM	Bulk
19-19-19	52351	19.31	20.65	19.30		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		19.42	19.61	19.52		100.8		
CV, %		0.76	3.26	1.89				
20-19-18	53201	20.85	20.27	17.11		101	CM	Bulk
20-19-18	53202	20.52	19.83	18.13		101	CM	Bulk
30-00-20	52349	30.88	0.00	19.33		100	CM	Bulk

STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.36	101.40	100.39				
ALL SAMPLES,CV %		1.29	2.86	2.76				
NUMBER OF ANALYSIS		13	12	13				
Deficiency Rate = 0.00 %								

SS (LEXI) LEXINGTON COOP		LEXINGTON KY 40508						
15-06-22	53138+	15.54	6.81	22.66		102	CM	Bulk
18-04-21	53136	18.73	4.59	21.68		101	CM	Bulk
18-04-21	53137	18.95	4.80	21.60		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (LEXI) LEXINGTON COOP		LEXINGTON KY 40508						
18-04-21	53139	19.13	4.70	21.39		102	CM	Bulk
18-04-21	53140	19.60	4.81	21.07		102	CM	Bulk
20-06-17	53134	20.62	6.03	18.00		102	CM	Bulk
20-06-17	53135	22.19	5.13 *	16.35 *		100	CM	Bulk
SS (LIBE) LIBERTY SVC		LIBERTY KY 42539						
00-06-24	53182	0.00	6.72	25.03		104	CM	Bulk
12-24-24	51440	12.09	25.45	24.06		100	CM	Bulk
16-14-27	51438	16.35	14.10	27.84		101	CM	Bulk
19-19-19	51442	19.93	19.35	19.26		101	CM	Bulk
19-19-19	51443	19.24	20.36	18.77		100	CM	Bulk
19-19-19	52097	18.26	15.72 *	19.25		92 *	CM	Bulk
19-19-19	52098	18.20	16.16 *	20.19		94 *	CM	Bulk
19-19-19	52099	19.08	18.62	19.56		98	CM	Bulk
19-19-19	53185	19.22	18.56	21.11		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		18.99	18.13	19.69		97.7		
CV, %		3.47	10.06	4.25				
21-15-20	52101	20.59	14.76	20.69		98	CM	Bulk
22-09-24	52102	22.22	9.37	24.65		102	CM	Bulk
27-11-15	51439	27.39	11.73	15.35		101	CM	Bulk
27-13-13	51441	26.23	13.11	14.65		98	CM	Bulk
27-13-13	52100	26.98	13.45	14.87		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.52	97.84	102.52				
ALL SAMPLES,CV %		2.64	7.89	3.71				
NUMBER OF ANALYSIS		13	14	14				
Deficiency Rate = 14.29 %								
SS (LOND) LONDON COOP		LONDON KY 40741						
05-10-15	53359	5.19	11.07	15.18		104	Blend	Bag
10-10-10	52328	10.65	11.07	10.60		108	Blend	Bag
10-20-20	52326	10.99	21.72	18.82		104	Blend	Bag
10-26-26	52323	10.35	26.41	25.78		101	CM	Bulk
13-13-32	52324	13.09	12.47	33.87		101	CM	Bulk
19-19-19	52316	17.99	20.00	19.08		97	CM	Bulk
19-19-19	52317	19.80	19.38	19.61		101	CM	Bulk
19-19-19	52318	19.53	19.16	18.91		99	CM	Bulk
19-19-19	52319	19.97	19.73	18.97		101	CM	Bulk
19-19-19	52320	19.45	19.15	20.23		101	CM	Bulk
19-19-19	52321	19.64	19.46	19.60		101	CM	Bulk
19-19-19	52322	19.95	18.47	19.64		100	CM	Bulk
19-19-19	52325	19.66	19.69	20.13		102	CM	Bulk
19-19-19	52327	19.13	20.60	17.96		101	Blend	Bag
19-19-19	53358	19.51	18.88	19.28		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (LOND) LONDON COOP		LONDON KY 40741						
Statistical Analysis for Grade :	19-19-19							
Number of Samples This Grade :	10							
Average Analysis :		19.46	19.45	19.34		100.7		
CV, %		2.95	3.08	3.42				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		102.03	102.27	100.48				
ALL SAMPLES, CV %		3.62	5.18	3.49				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate = 0.00 %								
SS (MADI) MADISONVILLE COOP		MADISONVILLE KY 42431						
09-23-30	52600	9.14	24.03	29.77		102	CM	Bulk
09-23-30	52601	8.86	23.30	30.96		102	CM	Bulk
09-23-30	52602	8.52	23.30	31.33		101	CM	Bulk
09-23-30	52603	8.82	23.76	29.64		100	CM	Bulk
09-23-30	52604	8.93	23.43	29.88		100	CM	Bulk
09-23-30	52605	8.82	22.96	30.51		100	CM	Bulk
09-23-30	52606	8.93	23.36	30.18		101	CM	Bulk
09-23-30	52607	8.79	23.67	29.66		100	CM	Bulk
09-23-30	52608	9.08	22.90	30.58		101	CM	Bulk
Statistical Analysis for Grade :	09-23-30							
Number of Samples This Grade :	9							
Average Analysis :		8.88	23.41	30.28		100.8		
CV, %		2.02	1.56	2				
19-19-19	52598	19.31	19.50	20.08		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.73	101.67	101.22				
ALL SAMPLES, CV %		1.93	1.52	2.09				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
SS (MAYS) MAYSVILLE COOP		MAYSVILLE KY 41056-0668						
00-06-49	52537+	0.00	6.90	48.99		100	CM	Bulk
00-10-42	51343+	0.00	10.74	43.38		102	CM	Bulk
06-16-37	52538+	6.30	16.26	37.92		100	CM	Bulk
06-16-37	52539+	6.54	16.74	37.03		100	CM	Bulk
09-18-28	52869	9.41	18.48	29.34		102	CM	Bulk
19-08-15	52540	20.25	8.11	16.54		104	CM	Bulk
19-19-19	52781	19.23	20.00	19.14		100	CM	Bulk
22-16-17	51335	23.13	17.63	16.93		102	CM	Bulk
26-00-25	52780	27.17	0.00	25.05		101	CM	Bulk
SS (MURR) CALLOWAY SVC		MURRAY KY 42071						
00-22-30	50353	0.00	24.32	29.56		103	CM	Bulk
08-21-28	51838+	8.76	22.14	28.41		100	CM	Bulk
08-21-28	51839+	8.51	21.90	28.59		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (MURR) CALLOWAY SVC		MURRAY KY 42071						
09-23-30	51841	9.08	22.95	29.91		100	CM	Bulk
09-23-30	52422	8.92	22.71	30.28		100	CM	Bulk
09-23-30	52423	8.97	23.10	29.88		100	CM	Bulk
17-17-17	51840	17.63	18.08	17.40		100	CM	Bulk
17-17-17	51842	17.45	17.71	17.82		99	CM	Bulk
17-17-17	52421	16.69	18.04	18.96		100	CM	Bulk
17-18-18	51321	17.68	18.35	17.66		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.26	101.21	100.15				
ALL SAMPLES,CV %		2.33	2.58	2.56				
NUMBER OF ANALYSIS		9	10	10				
Deficiency Rate = 0.00 %								
SS (NICH) NICHOLASVILLE SVC		NICHOLASVILLE KY 40356						
10-00-00	53079	10.18	0.00	0.00		96	* CM	Bulk
14-00-16	53076	14.68	0.00	16.79		102	CM	Bulk
14-00-16	53077	14.47	0.00	17.52		104	CM	Bulk
17-00-23	53081	24.39	0.00	24.54		118	CM	Bulk
18-18-19	53082	18.20	18.45	19.57		101	CM	Bulk
18-18-19	53083	17.96	16.94	20.67		101	CM	Bulk
20-07-16	53078	20.92	7.54	16.48		102	CM	Bulk
24-00-14	53080	24.43	0.00	14.70		101	CM	Bulk
SS (OWEN) COOP OWENSBORO		OWENSBORO KY 42301						
05-15-40	52569	6.06	15.27	41.28		102	CM	Bulk
06-15-39	52572	5.64	15.38	41.34		101	CM	Bulk
06-15-40	52565	6.29	15.80	39.94		101	CM	Bulk
06-15-40	52566	6.13	15.76	39.91		101	CM	Bulk
06-15-40	52568	6.30	16.03	39.39		101	CM	Bulk
08-21-28	51270+	8.98	22.64	28.64		102	CM	Bulk
09-23-30	52567	9.08	23.05	30.55		101	CM	Bulk
09-23-30	52571	8.42	22.49	31.34		100	CM	Bulk
19-19-19	51271	19.45	19.76	19.40		101	CM	Bulk
19-19-19	51272	19.60	19.69	18.58		100	CM	Bulk
19-19-19	52570	18.94	19.84	19.46		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.82	101.88	100.21				
ALL SAMPLES,CV %		4	2.01	2.67				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 0.00 %								
SS (OWEN) OWENTON COOP, INC		OWENTON KY 40359						
01-04-14	52871+	2.15	5.06	15.59		108	CM	Bulk
09-18-28	52873	8.93	17.58	30.98		103	CM	Bulk
13-15-22	53330	14.07	15.52	22.96		102	CM	Bulk
15-09-14	53331	15.94	9.62	15.51		102	CM	Bulk
15-15-15	53095	14.93	14.77	15.38		95	* CM	Bulk
16-09-14	53332	14.54	16.79	10.91	*	99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (OWEN) OWENTON COOP, INC		OWENTON KY 40359						
17-13-18	53096	17.13	13.23	19.22		102	CM	Bulk
18-19-20	51767	19.12	18.66	20.90		101	CM	Bulk
19-19-19	53098	20.12	19.64	18.42		101	CM	Bulk
27-13-13	53097	27.29	13.62	13.46		100	CM	Bulk
27-14-11	53335	27.69	14.68	11.44		101	CM	Bulk
28-14-09	53334	27.94	14.95	10.72		101	CM	Bulk
30-00-16	53333	30.84	0.00	17.13		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.39	106.51	100.66				
ALL SAMPLES,CV %		6.95	20.59	8.85				
NUMBER OF ANALYSIS		13	12	13				
Deficiency Rate = 15.38 %								
SS (OWIN) OWINGSVILLE SVC		OWINGSVILLE KY 40360						
00-25-26	51348	0.00	26.93	25.65		102	CM	Bulk
09-09-09	52257	9.79	9.27	9.71		100	CM	Bulk
09-09-09	52260	9.58	9.79	9.13		99	CM	Bulk
09-09-09	52263	9.51	9.84	8.88		98	CM	Bulk
19-19-19	51349	20.27	19.44	18.84		101	CM	Bulk
19-19-19	52256	18.78	19.19	20.49		100	CM	Bulk
19-19-19	52258	19.72	19.50	19.31		101	CM	Bulk
19-19-19	52259	20.32	18.33	19.57		101	CM	Bulk
19-19-19	52261	20.03	20.22	18.26		101	CM	Bulk
19-19-19	52262	18.89	18.18	20.69		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :		19.67	19.14	19.53		100.6		
CV, %		3.46	4.02	4.81				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.21	99.99	99.25				
ALL SAMPLES,CV %		2.9	3.99	4.73				
NUMBER OF ANALYSIS		9	10	10				
Deficiency Rate = 0.00 %								
SS (RICH) COOP INC FERT DIV		RICHMOND VA 23260						
00-00-22	51543+	0.00	0.00	21.64		98	Mat	Bulk
00-00-22	51551+	0.00	0.00	21.83		99	Mat	Bulk
00-00-22	51608+	0.00	0.00	21.84		99	Mat	Bulk
00-00-22	52841+	0.00	0.00	21.59		98	Mat	Bulk
00-00-50	50786	0.00	0.00	50.97		102	Mat	Bulk
00-00-50	51124	0.00	0.00	50.55		101	Mat	Bulk
00-00-50	51277	0.00	0.00	49.94		100	Mat	Bulk
00-00-50	51336	0.00	0.00	50.51		101	Mat	Bulk
00-00-50	51352	0.00	0.00	51.45		103	Mat	Bulk
00-00-50	51542	0.00	0.00	50.37		101	Mat	Bulk
00-00-50	51555	0.00	0.00	51.55		103	Mat	Bulk
00-00-50	51602	0.00	0.00	51.74		103	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV		RICHMOND VA 23260						
00-00-50	51764	0.00	0.00	51.24		102	Mat	Bulk
00-00-50	51778	0.00	0.00	50.69		101	Mat	Bulk
00-00-50	52065	0.00	0.00	50.58		101	Mat	Bulk
00-00-50	52090	0.00	0.00	51.63		103	Mat	Bulk
00-00-50	52139	0.00	0.00	51.06		102	Mat	Bulk
00-00-50	52229	0.00	0.00	51.26		103	Mat	Bulk
00-00-50	52499	0.00	0.00	50.96		102	Mat	Bulk
00-00-50	52506	0.00	0.00	50.63		101	Mat	Bulk
00-00-50	52753	0.00	0.00	50.61		101	Mat	Bulk
00-00-50	52840	0.00	0.00	51.79		104	Mat	Bulk
00-00-50	52855	0.00	0.00	50.89		102	Mat	Bulk
00-00-50	53142	0.00	0.00	51.51		103	Mat	Bulk
00-00-50	53147	0.00	0.00	50.78		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number of Samples This Grade : 21								
Average Analysis :		0.00	0.00	50.99		102.0		
CV, %		0	0	0.99				
00-00-60	50406	0.00	0.00	60.18		100	Mat	Bulk
00-00-60	50419	0.00	0.00	59.75		100	Mat	Bulk
00-00-60	50424	0.00	0.00	60.25		100	Mat	Bulk
00-00-60	50428	0.00	0.00	59.41		99	Mat	Bulk
00-00-60	50481	0.00	0.00	59.60		99	Mat	Bulk
00-00-60	50484	0.00	0.00	60.07		100	Mat	Bulk
00-00-60	50495	0.00	0.00	62.70		105	Mat	Bulk
00-00-60	50496	0.00	0.00	59.95		100	Mat	Bulk
00-00-60	50521	0.00	0.00	60.07		100	Mat	Bulk
00-00-60	50528	0.00	0.00	59.89		100	Mat	Bulk
00-00-60	50534	0.00	0.00	59.24		99	Mat	Bulk
00-00-60	50554	0.00	0.00	60.54		101	Mat	Bulk
00-00-60	50562	0.00	0.00	59.83		100	Mat	Bulk
00-00-60	50564	0.00	0.00	61.34		102	Mat	Bulk
00-00-60	50565	0.00	0.00	60.75		101	Mat	Bulk
00-00-60	50587	0.00	0.00	60.71		101	Mat	Bulk
00-00-60	50589	0.00	0.00	60.27		100	Mat	Bulk
00-00-60	50603	0.00	0.00	60.60		101	Mat	Bulk
00-00-60	50639	0.00	0.00	60.91		102	Mat	Bulk
00-00-60	50643	0.00	0.00	60.66		101	Mat	Bulk
00-00-60	50644	0.00	0.00	60.21		100	Mat	Bulk
00-00-60	50649	0.00	0.00	60.36		101	Mat	Bulk
00-00-60	50651	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	50663	0.00	0.00	60.60		101	Mat	Bulk
00-00-60	50665	0.00	0.00	60.46		101	Mat	Bulk
00-00-60	50689	0.00	0.00	60.66		101	Mat	Bulk
00-00-60	50690	0.00	0.00	60.09		100	Mat	Bulk
00-00-60	50694	0.00	0.00	60.67		101	Mat	Bulk
00-00-60	50719	0.00	0.00	59.06		98	Mat	Bulk
00-00-60	50727	0.00	0.00	60.56		101	Mat	Bulk
00-00-60	50735	0.00	0.00	59.58		99	Mat	Bulk
00-00-60	50745	0.00	0.00	61.61		103	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (RICH) COOP INC FERT DIV		RICHMOND VA 23260						
00-00-60	50748	0.00	0.00	60.92		102	Mat	Bulk
00-00-60	50752	0.00	0.00	59.92		100	Mat	Bulk
00-00-60	50760	0.00	0.00	60.64		101	Mat	Bulk
00-00-60	50783	0.00	0.00	60.95		102	Mat	Bulk
00-00-60	50789	0.00	0.00	60.19		100	Mat	Bulk
00-00-60	50792	0.00	0.00	60.32		101	Mat	Bulk
00-00-60	50794	0.00	0.00	60.47		101	Mat	Bulk
00-00-60	50850	0.00	0.00	60.37		101	Mat	Bulk
00-00-60	50877	0.00	0.00	61.98		103	Mat	Bulk
00-00-60	50937	0.00	0.00	60.39		101	Mat	Bulk
00-00-60	50943	0.00	0.00	59.82		100	Mat	Bulk
00-00-60	51125	0.00	0.00	60.35		101	Mat	Bulk
00-00-60	51131	0.00	0.00	60.27		100	Mat	Bulk
00-00-60	51132	0.00	0.00	59.57		99	Mat	Bulk
00-00-60	51133	0.00	0.00	60.12		100	Mat	Bulk
00-00-60	51134	0.00	0.00	60.40		101	Mat	Bulk
00-00-60	51135	0.00	0.00	60.28		100	Mat	Bulk
00-00-60	51260	0.00	0.00	59.88		100	Mat	Bulk
00-00-60	51337	0.00	0.00	60.24		100	Mat	Bulk
00-00-60	51342	0.00	0.00	60.52		101	Mat	Bulk
00-00-60	51350	0.00	0.00	59.65		99	Mat	Bulk
00-00-60	51497	0.00	0.00	59.12		99	Mat	Bulk
00-00-60	51535	0.00	0.00	60.30		100	Mat	Bulk
00-00-60	51538	0.00	0.00	59.34		99	Mat	Bulk
00-00-60	51546	0.00	0.00	60.33		101	Mat	Bulk
00-00-60	51550	0.00	0.00	59.43		99	Mat	Bulk
00-00-60	51553	0.00	0.00	61.68		103	Mat	Bulk
00-00-60	51575	0.00	0.00	59.66		99	Mat	Bulk
00-00-60	51601	0.00	0.00	59.41		99	Mat	Bulk
00-00-60	51765	0.00	0.00	61.59		103	Mat	Bulk
00-00-60	51777	0.00	0.00	61.48		102	Mat	Bulk
00-00-60	52064	0.00	0.00	59.84		100	Mat	Bulk
00-00-60	52227	0.00	0.00	60.25		100	Mat	Bulk
00-00-60	53141	0.00	0.00	60.63		101	Mat	Bulk
00-00-60	53146	0.00	0.00	60.17		100	Mat	Bulk
00-00-60	53353	0.00	0.00	61.01		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade : 68								
Average Analysis :		0.00	0.00	60.33		100.6		
CV, %		0	0	1.13				
00-00-62	51276	0.00	0.00	61.06		98	Mat	Bulk
00-00-62	51279	0.00	0.00	61.82		100	Mat	Bulk
00-45-00	50530	0.00	44.82	0.00		100	Mat	Bulk
00-45-00	50560	0.00	46.02	0.00		102	Mat	Bulk
00-45-00	50691	0.00	45.48	0.00		101	Mat	Bulk
00-45-00	50692	0.00	45.93	0.00		102	Mat	Bulk
00-45-00	50693+	0.00	43.08 *	0.00		96 *	Mat	Bulk
00-45-00	50725	0.00	45.95	0.00		102	Mat	Bulk
00-45-00	50875	0.00	45.57	0.00		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV		RICHMOND VA 23260						
00-45-00	51227	0.00	45.98	0.00		102	Mat	Bulk
00-45-00	51259	0.00	45.84	0.00		102	Mat	Bulk
00-45-00	51334	0.00	45.04	0.00		100	Mat	Bulk
00-45-00	51353	0.00	44.68	0.00		99	Mat	Bulk
00-45-00	51545	0.00	44.08	0.00		98	Mat	Bulk
00-45-00	51607	0.00	44.32	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 00-45-00								
Number of Samples This Grade :		13						
Average Analysis :		0.00	45.14	0.00		100.3		
CV, %		0	2.01	0				
00-46-00	50667	0.00	45.62	0.00		99	Mat	Bulk
00-46-00	50744	0.00	44.66	0.00		97	Mat	Bulk
00-46-00	50750	0.00	44.73	0.00		97	Mat	Bulk
00-46-00	50847	0.00	45.32	0.00		99	Mat	Bulk
00-46-00	51219	0.00	45.10	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 00-46-00								
Number of Samples This Grade :		5						
Average Analysis :		0.00	45.08	0.00		98.0		
CV, %		0	0.9	0				
05-10-15	52665+	4.97	9.26	16.35		101	Blend	Bag
10-10-10	50645	9.04 *	9.88	10.71		97	Blend	Bag
10-10-10	51515	9.37	9.82	10.58		98	Blend	Bag
10-10-10	52061	9.48	9.21	9.81		95 *	Blend	Bag
10-10-10	52177	9.98	10.86	10.29		103	Blend	Bag
10-10-10	53367	9.54	10.53	9.36		98	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade :		5						
Average Analysis :		9.48	10.06	10.15		98.3		
CV, %		3.59	6.43	5.51				
10-34-00	52247	10.51	33.35	0.00		100	Mnfr	Liq
11-52-00	50536	10.72	52.09	0.00		100	Mat	Bulk
11-52-00	50555	10.91	52.05	0.00		100	Mat	Bulk
11-52-00	50668	10.90	51.06	0.00		98	Mat	Bulk
11-52-00	50791	10.76	50.13 *	0.00		97 *	Mat	Bulk
11-52-00	51136	10.97	51.02	0.00		98	Mat	Bulk
Statistical Analysis for Grade : 11-52-00								
Number of Samples This Grade :		5						
Average Analysis :		10.85	51.27	0.00		98.6		
CV, %		0.98	1.6	0				
18-46-00	50405	17.78	45.61	0.00		99	Mat	Bulk
18-46-00	50423	17.99	45.94	0.00		100	Mat	Bulk
18-46-00	50429	17.71	45.84	0.00		99	Mat	Bulk
18-46-00	50480	18.05	46.13	0.00		100	Mat	Bulk
18-46-00	50485	17.77	46.27	0.00		100	Mat	Bulk
18-46-00	50493	17.88	46.30	0.00		100	Mat	Bulk
18-46-00	50523	17.55	45.61	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	50529	17.51	45.27	0.00		98	Mat	Bulk
18-46-00	50537	17.62	45.80	0.00		99	Mat	Bulk
18-46-00	50556	17.75	46.03	0.00		100	Mat	Bulk
18-46-00	50557	17.72	45.58	0.00		99	Mat	Bulk
18-46-00	50561	17.65	46.03	0.00		99	Mat	Bulk
18-46-00	50563	17.40	45.12	0.00		98	Mat	Bulk
18-46-00	50584	17.65	45.74	0.00		99	Mat	Bulk
18-46-00	50590	17.85	45.12	0.00		98	Mat	Bulk
18-46-00	50613	18.20	45.76	0.00		100	Mat	Bulk
18-46-00	50641	17.86	45.66	0.00		99	Mat	Bulk
18-46-00	50642	18.22	46.04	0.00		101	Mat	Bulk
18-46-00	50650	17.78	45.16	0.00		98	Mat	Bulk
18-46-00	50653	17.96	45.97	0.00		100	Mat	Bulk
18-46-00	50666	18.19	45.75	0.00		100	Mat	Bulk
18-46-00	50696	18.28	46.12	0.00		101	Mat	Bulk
18-46-00	50697	18.12	46.23	0.00		101	Mat	Bulk
18-46-00	50718	18.04	45.48	0.00		99	Mat	Bulk
18-46-00	50729	17.61	45.42	0.00		98	Mat	Bulk
18-46-00	50733	18.16	45.72	0.00		100	Mat	Bulk
18-46-00	50746	18.07	45.85	0.00		100	Mat	Bulk
18-46-00	50749	18.02	45.65	0.00		100	Mat	Bulk
18-46-00	50751	17.77	45.46	0.00		99	Mat	Bulk
18-46-00	50785	17.79	45.35	0.00		99	Mat	Bulk
18-46-00	50790	17.99	45.26	0.00		99	Mat	Bulk
18-46-00	50793	17.81	45.06	0.00		98	Mat	Bulk
18-46-00	50849	17.96	46.16	0.00		100	Mat	Bulk
18-46-00	50852	17.77	45.80	0.00		99	Mat	Bulk
18-46-00	50874	17.81	45.64	0.00		99	Mat	Bulk
18-46-00	50945	17.82	45.50	0.00		99	Mat	Bulk
18-46-00	51127	17.71	46.05	0.00		99	Mat	Bulk
18-46-00	51130	17.85	46.13	0.00		100	Mat	Bulk
18-46-00	51138	17.82	46.20	0.00		100	Mat	Bulk
18-46-00	51139	17.95	45.97	0.00		100	Mat	Bulk
18-46-00	51140	18.24	44.90	0.00		99	Mat	Bulk
18-46-00	51220	18.09	46.69	0.00		101	Mat	Bulk
18-46-00	51226	18.02	45.78	0.00		100	Mat	Bulk
18-46-00	51261	18.14	46.07	0.00		100	Mat	Bulk
18-46-00	51275	17.74	45.11	0.00		98	Mat	Bulk
18-46-00	51278	17.50	45.60	0.00		98	Mat	Bulk
18-46-00	51340	17.83	45.70	0.00		99	Mat	Bulk
18-46-00	51341	17.78	45.66	0.00		99	Mat	Bulk
18-46-00	51356	18.06	46.19	0.00		100	Mat	Bulk
18-46-00	51357	17.94	45.10	0.00		99	Mat	Bulk
18-46-00	51539	17.60	45.07	0.00		98	Mat	Bulk
18-46-00	51544	17.66	45.03	0.00		98	Mat	Bulk
18-46-00	51552	17.33	45.33	0.00		98	Mat	Bulk
18-46-00	51577	17.78	45.84	0.00		99	Mat	Bulk
18-46-00	51605	17.72	44.87	0.00		98	Mat	Bulk
18-46-00	51766	17.93	46.02	0.00		100	Mat	Bulk
18-46-00	51779	17.82	45.34	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV		RICHMOND VA 23260						
18-46-00	52062	17.61	45.87	0.00		99	Mat	Bulk
18-46-00	52228	17.76	45.81	0.00		99	Mat	Bulk
18-46-00	52599	17.70	46.74	0.00		100	Mat	Bulk
18-46-00	53144	17.68	46.86	0.00		101	Mat	Bulk
18-46-00	53148	18.03	46.58	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 62								
Average Analysis :		17.85	45.74	0.00		99.3		
CV, %		1.18	0.99	0				
21-00-00	50732+	21.32	0.00	0.00		102	Mat	Bulk
21-00-00	51606+	21.15	0.00	0.00		101	Mat	Bulk
27-00-00	52870	27.33	0.00	0.00		101	Mat	Bulk
27-00-00	53362	26.84	0.00	0.00		99	Mat	Bulk
28-00-00	52847	27.76	0.00	0.00		99	Mat	Liq
28-00-00	53280	27.95	0.00	0.00		100	Mat	Liq
30-00-00	50491	29.70	0.00	0.00		99	Mat	Liq
30-00-00	51264	30.09	0.00	0.00		100	Mat	Liq
30-00-00	53203	29.99	0.00	0.00		100	Mat	Liq
32-00-00	51158	31.73	0.00	0.00		99	Mat	Liq
32-00-00	51162	32.02	0.00	0.00		100	Mat	Liq
32-00-00	53118	31.73	0.00	0.00		99	Mat	Liq
34-00-00	50430	33.63	0.00	0.00		99	Mat	Bulk
34-00-00	50482	34.16	0.00	0.00		100	Mat	Bulk
34-00-00	50494	33.49	0.00	0.00		98	Mat	Bulk
34-00-00	50524	33.95	0.00	0.00		100	Mat	Bulk
34-00-00	50531	33.05	0.00	0.00		97	Mat	Bulk
34-00-00	50585	34.08	0.00	0.00		100	Mat	Bulk
34-00-00	50648	33.89	0.00	0.00		100	Mat	Bulk
34-00-00	50717	33.76	0.00	0.00		99	Mat	Bulk
34-00-00	50728	34.07	0.00	0.00		100	Mat	Bulk
34-00-00	50743	33.15	0.00	0.00		97	Mat	Bulk
34-00-00	50787	34.08	0.00	0.00		100	Mat	Bulk
34-00-00	50946	34.08	0.00	0.00		100	Mat	Bulk
34-00-00	51126	34.50	0.00	0.00		101	Mat	Bulk
34-00-00	51351	34.16	0.00	0.00		100	Mat	Bulk
34-00-00	51355	34.38	0.00	0.00		101	Mat	Bulk
34-00-00	51536	33.34	0.00	0.00		98	Mat	Bulk
34-00-00	51537	33.42	0.00	0.00		98	Mat	Bulk
34-00-00	51540	33.73	0.00	0.00		99	Mat	Bulk
34-00-00	51556	34.45	0.00	0.00		101	Mat	Bulk
34-00-00	51576	33.60	0.00	0.00		99	Mat	Bulk
34-00-00	51604	34.49	0.00	0.00		101	Mat	Bulk
34-00-00	51768	34.50	0.00	0.00		101	Mat	Bulk
34-00-00	52063	33.63	0.00	0.00		99	Mat	Bulk
34-00-00	52226	34.18	0.00	0.00		101	Mat	Bulk
34-00-00	52666	33.69	0.00	0.00		99	Mat	Bag
34-00-00	52854	33.63	0.00	0.00		99	Mat	Bag
34-00-00	53119	33.40	0.00	0.00		98	Mat	Bag
34-00-00	53143	33.88	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						
34-00-00	53149	33.97	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 29								
Average Analysis :		33.87	0.00	0.00		99.6		
CV, %		1.19	0	0				
37-00-00	53366+	36.36	0.00	0.00		98	Blend	Bag
45-00-00	50664	45.93	0.00	0.00		102	Mat	Bulk
46-00-00	50407	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	50418	45.98	0.00	0.00		100	Mat	Bulk
46-00-00	50425	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	50427	45.63	0.00	0.00		99	Mat	Bulk
46-00-00	50483	45.54	0.00	0.00		99	Mat	Bulk
46-00-00	50492	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50522	45.70	0.00	0.00		99	Mat	Bulk
46-00-00	50532	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50535	46.16	0.00	0.00		100	Mat	Bulk
46-00-00	50558	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	50559	46.08	0.00	0.00		100	Mat	Bulk
46-00-00	50566	45.74	0.00	0.00		99	Mat	Bulk
46-00-00	50586	45.77	0.00	0.00		100	Mat	Bulk
46-00-00	50588	45.93	0.00	0.00		100	Mat	Bulk
46-00-00	50614	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	50652	45.94	0.00	0.00		100	Mat	Bulk
46-00-00	50695	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	50720	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	50726	46.00	0.00	0.00		100	Mat	Bulk
46-00-00	50734	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	50747	45.80	0.00	0.00		100	Mat	Bulk
46-00-00	50784	45.99	0.00	0.00		100	Mat	Bulk
46-00-00	50788	45.69	0.00	0.00		99	Mat	Bulk
46-00-00	50848	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	50851	46.11	0.00	0.00		100	Mat	Bulk
46-00-00	50876	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50944	45.91	0.00	0.00		100	Mat	Bulk
46-00-00	50985	46.10	0.00	0.00		100	Mat	Bulk
46-00-00	51128	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	51129	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	51137	45.92	0.00	0.00		100	Mat	Bulk
46-00-00	51221	46.15	0.00	0.00		100	Mat	Bulk
46-00-00	51262	46.13	0.00	0.00		100	Mat	Bulk
46-00-00	51273	46.17	0.00	0.00		100	Mat	Bulk
46-00-00	51274	45.97	0.00	0.00		100	Mat	Bulk
46-00-00	51338	45.86	0.00	0.00		100	Mat	Bulk
46-00-00	51339	45.89	0.00	0.00		100	Mat	Bulk
46-00-00	51354	45.89	0.00	0.00		100	Mat	Bulk
46-00-00	51534	45.87	0.00	0.00		100	Mat	Bulk
46-00-00	51541	45.47	0.00	0.00		99	Mat	Bulk
46-00-00	51554	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51578	45.67	0.00	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (RICH) COOP INC FERT DIV		RICHMOND VA 23260						
46-00-00	51603	46.20	0.00	0.00		100	Mat	Bulk
46-00-00	51769	45.95	0.00	0.00		100	Mat	Bulk
46-00-00	51780	45.73	0.00	0.00		99	Mat	Bulk
46-00-00	52230	46.02	0.00	0.00		100	Mat	Bulk
46-00-00	52772	46.03	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 47								
Average Analysis :		45.95	0.00	0.00		99.9		
CV, %		0.4	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.40	99.41	100.88				
ALL SAMPLES,CV %		1.49	2.02	1.88				
NUMBER OF ANALYSIS		164	92	101				
Deficiency Rate = 1.44 %								
SS (RICH) RICHMOND SVC		RICHMOND KY 40475						
00-22-30	52183	0.00	24.47	28.65		101	CM	Bulk
19-19-19	51255	18.95	19.72	19.06		99	CM	Bulk
19-19-19	52180	19.61	19.90	19.19		101	CM	Bulk
19-19-19	52181	19.37	19.96	19.55		101	CM	Bulk
19-19-19	52182	19.82	19.88	19.00		101	CM	Bulk
19-19-19	52184	19.48	19.84	18.46		100	CM	Bulk
19-19-19	52185	19.88	18.72	19.46		100	CM	Bulk
19-19-19	52186	19.68	19.84	19.30		101	CM	Bulk
19-19-19	52187	19.20	20.21	18.92		100	CM	Bulk
19-19-19	52188	19.27	19.83	19.57		101	CM	Bulk
19-19-19	52189	19.62	20.05	19.65		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 10								
Average Analysis :		19.49	19.80	19.22		100.8		
CV, %		1.5	2.03	1.92				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.30	103.51	98.75				
ALL SAMPLES,CV %		1.86	2.7	1.88				
NUMBER OF ANALYSIS		10	11	11				
Deficiency Rate = 0.00 %								
SS (RUSS) COOP, INC.		RUSSELLVILLE KY 42276						
05-10-15	50527	4.89	9.39	15.08		98	Blend	Bag
05-10-15	51755	5.18	9.67	15.62		102	Blend	Bag
05-10-15	52754	5.76	10.73	15.32		106	Blend	Bag
06-24-24	50114	5.57	23.08	24.77		98	Blend	Bag
06-24-24	50647	6.79	24.96	23.68		103	Blend	Bag
06-24-24	50724	6.54	24.57	24.06		103	Blend	Bag
06-24-24	51292	6.04	24.16	24.70		102	Blend	Bag
06-24-24	51481	6.41	24.47	25.53		105	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (RUSS) COOP, INC.	RUSSELLVILLE	KY 42276						
06-24-24	51510	5.80	25.30	23.63		101	Blend	Bag
06-24-24	51532	6.05	23.25	24.87		100	Blend	Bag
06-24-24	51590	6.62	24.44	23.61		102	Blend	Bag
06-24-24	52479	6.61	25.22	24.22		104	Blend	Bag
06-24-24	52509	6.24	24.88	23.17		101	Blend	Bag
06-24-24	52663	6.08	24.73	23.60		101	Blend	Bag
06-24-24	52758	6.31	24.24	24.13		101	Blend	Bag
06-24-24	52851	6.07	24.97	23.29		101	Blend	Bag
06-24-24	53173	6.24	23.95	25.55		103	Blend	Bag
Statistical Analysis for Grade : 06-24-24								
Number of Samples This Grade :		14						
Average Analysis :		6.24	24.44	24.20		101.8		
CV, %		5.41	2.74	3.21				
10-10-10	50426	9.85	9.97	11.31		102	Blend	Bag
10-10-10	50526	8.76 *	9.88	10.06		94 *	Blend	Bag
10-10-10	50722	9.94	10.69	10.85		104	Blend	Bag
10-10-10	50764	11.33	10.85	11.99		114	Blend	Bag
10-10-10	51293	11.51	10.50	11.03		111	Blend	Bag
10-10-10	51482	8.48 *	9.65	10.75		94 *	Blend	Bag
10-10-10	51531	9.70	10.85	10.66		103	Blend	Bag
10-10-10	51591	8.80 *	9.90	10.60		96 *	Blend	Bag
10-10-10	51754	9.90	10.22	10.82		102	Blend	Bag
10-10-10	52480	10.56	10.41	11.57		108	Blend	Bag
10-10-10	52507	9.79	10.91	9.33		100	Blend	Bag
10-10-10	52659	9.67	9.95	10.44		100	Blend	Bag
10-10-10	52757	10.96	10.61	11.08		109	Blend	Bag
10-10-10	53174	9.89	10.10	10.46		101	Blend	Bag
10-10-10	53218	10.09	9.48	9.38		97	Blend	Bag
10-10-10	53369	10.71	10.49	10.90		107	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade :		16						
Average Analysis :		10.00	10.28	10.70		102.7		
CV, %		8.71	4.37	6.52				
10-20-20	52755	9.31	19.28	21.71		100	Blend	Bag
15-15-15	50723	14.93	15.33	17.13		104	Blend	Bag
15-15-15	52478	16.03	16.27	14.77		105	Blend	Bag
15-15-15	52756	14.64	14.58	15.01		98	Blend	Bag
19-19-19	50115	18.87	19.94	19.22		102	Blend	Bag
19-19-19	50525	18.24	20.12	20.04		101	Blend	Bag
19-19-19	50646	19.13	19.66	19.85		103	Blend	Bag
19-19-19	50721	19.47	18.36	19.82		101	Blend	Bag
19-19-19	50763	19.42	19.92	19.52		103	Blend	Bag
19-19-19	51509	18.49	18.26	20.85		100	Blend	Bag
19-19-19	51592	19.96	19.95	18.80		103	Blend	Bag
19-19-19	51753	18.87	18.75	20.42		101	Blend	Bag
19-19-19	52508	19.32	20.17	18.88		102	Blend	Bag
19-19-19	52660	19.18	19.79	19.32		102	Blend	Bag
19-19-19	52852	18.70	20.75	19.56		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (RUSS) COOP, INC.	RUSSELLVILLE	KY 42276						
19-19-19	53370	19.29	19.62	19.63		103	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 12								
Average Analysis :		19.08	19.61	19.66		102.1		
CV, %		2.47	3.88	3.02				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.51	102.27	103.95				
ALL SAMPLES, CV %		6.49	4.04	5.28				
NUMBER OF ANALYSIS		49	49	49				
Deficiency Rate = 6.12 %								
SS (RUSS) RUSSELL SPRINGS BR	RUSSELL SPRINGS	KY 42642						
09-23-30	53223	8.99	23.81	29.77		101	CM	Bulk
10-25-26	52012	10.73	26.85	25.51		102	CM	Bulk
17-17-17	52011	17.84	17.96	18.45		102	CM	Bulk
17-17-17	52013	18.29	19.51	16.54		102	CM	Bulk
17-17-17	52015	17.51	17.24	19.68		102	CM	Bulk
19-19-19	51324	15.97 *	20.06	19.93		94 *	CM	Bulk
19-19-19	52010	19.23	20.88	19.35		102	CM	Bulk
19-19-19	52014	19.81	18.90	19.33		100	CM	Bulk
21-10-14	51323	23.83	8.69 *	13.43 *		100	CM	Bulk
22-09-14	52016	21.73	10.28	15.67		101	CM	Bulk
25-11-17	52017	25.67	12.42	17.27		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.89	101.84	100.21				
ALL SAMPLES, CV %		6.6	6.2	5.47				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 18.18 %								
SS (RUSS) RUSSELLVILLE COOP	RUSSELLVILLE	KY 42276						
09-18-26	52343	10.05	19.15	27.28		102	CM	Bulk
17-17-17	52340	18.77	17.22	16.89		100	CM	Bulk
19-19-19	52335	19.79	19.02	19.56		101	CM	Bulk
19-19-19	52337	19.58	19.86	19.41		101	CM	Bulk
19-19-19	52338	19.01	20.34	19.21		100	CM	Bulk
19-19-19	52342	19.55	20.81	18.67		102	CM	Bulk
19-19-19	52344	19.58	19.25	19.62		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.50	19.86	19.29		101.0		
CV, %		1.49	3.74	1.99				
20-14-15	52336	20.50	15.00	15.78		102	CM	Bulk
20-14-15	52341	20.24	15.11	16.03		102	CM	Bulk
24-27-00	52339	24.66	27.11	0.00		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS-CL	RV	Type	Form

SS (RUSS) RUSSELLVILLE COOP		RUSSELLVILLE KY 42276						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.40	101.20	100.58				
ALL SAMPLES,CV %		2.08	3.32	3.74				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate = 0.00 %								

SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE KY 40065						
02-00-53	52091+	2.68	0.00	55.07		102	CM	Bulk
04-10-46	52087	4.08	10.61	47.43		102	CM	Bulk
08-08-12	53206	8.43	9.17	13.62		105	CM	Bulk
08-20-31	52290+	8.84	21.45	31.56		103	CM	Bulk
10-07-13	53208	10.20	8.17	13.90		103	CM	Bulk
11-00-18	53207	9.98 *	0.00	21.27		104	CM	Bulk
13-16-24	52961	12.86	15.78	26.36		102	CM	Bulk
19-00-34	52959	18.33 *	0.00	37.44		101	CM	Bulk
19-19-19	52089	18.81	19.48	20.13		100	CM	Bulk
19-19-19	52960	20.44	19.56	18.87		102	CM	Bulk
23-00-29	52092	22.44	0.00	32.24		102	CM	Bulk
26-14-14	52088	26.58	14.24	15.18		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.24	101.35	105.20				
ALL SAMPLES,CV %		5.8	3.12	4.01				
NUMBER OF ANALYSIS		12	8	12				
Deficiency Rate = 16.67 %								

SS (SOME) SOMERSET COOP		SOMERSET KY 42501						
12-23-24	53271	11.95	25.05	23.72		101	CM	Bulk
16-16-16	53266	17.16	17.11	17.05	*	101	CM	Bulk
17-17-17	51409	18.62	17.01	18.28		102	CM	Bulk
17-17-17	51410	17.66	19.42	18.89		104	CM	Bulk
18-16-16	51408	18.96	17.22	16.83		102	CM	Bulk
19-11-19	51411	19.01	11.37	19.80		101	CM	Bulk
19-19-19	51412	19.83	20.12	19.37		102	CM	Bulk
19-19-19	51413	19.28	19.44	20.07		101	CM	Bulk
19-19-19	51414	19.83	18.79	20.72		102	CM	Bulk
19-19-19	51415	18.77	18.64	21.26		100	CM	Bulk
24-00-17	51407	25.14	0.00	16.96		102	CM	Bulk
24-00-27	51416	25.15	0.00	27.25		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		101.00	100.91	102.61				
ALL SAMPLES,CV %		2.15	4.18	3.63				
NUMBER OF ANALYSIS		12	10	12				
Deficiency Rate = 0.00 %								

SS (SPRI) LEBANON-SPRINGFIELD BR		SPRINGFIELD KY 40069						
07-05-09	52915	8.16	6.28	10.94		108	CM	Bulk
09-07-14	52917	8.77	7.60	15.10		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (SPRI) LEBANON-SPRINGFIELD BR		SPRINGFIELD KY 40069						
16-13-27	52612	16.69	13.91	27.43		101	CM	Bulk
21-00-21	52914	22.38	0.00	21.13		101	CM	Bulk
23-08-12	52611	23.55	9.17	12.55		100	CM	Bulk
23-08-12	52919	23.58	9.07	13.91		102	CM	Bulk
24-08-11	52609	24.71	8.96	11.13		101	CM	Bulk
24-09-12	52610	24.04	8.57	11.59		98	CM	Bulk
25-00-14	52916+	25.22	0.00	15.55		102	CM	Bulk
25-04-11	52918	25.28	4.82	12.88		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.78	102.14	103.20				
ALL SAMPLES,CV %		2.22	5.26	4.99				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate = 0.00 %								
SS (STAN) STANFORD SVC		STANFORD KY 40484						
00-24-24	51723	0.00	25.19	25.14		102	CM	Bulk
06-00-48	51720+	6.56	0.00	50.05		103	CM	Bulk
06-17-33	51722+	6.74	16.76	34.14		100	CM	Bulk
11-22-27	51721	11.58	21.28	28.05		100	CM	Bulk
12-12-34	51716	12.59	12.00	34.26		100	CM	Bulk
19-19-19	51714	19.51	19.31	20.21		101	CM	Bulk
19-19-19	51715	19.80	18.61	19.93		100	CM	Bulk
19-19-19	51717	19.69	18.41	20.11		100	CM	Bulk
19-19-19	51718	19.54	19.08	19.68		100	CM	Bulk
19-19-19	51719	19.24	19.47	19.44		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		19.56	18.98	19.87		100.4		
CV, %		1.08	2.39	1.59				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.87	97.67	103.13				
ALL SAMPLES,CV %		2.11	2.51	1.91				
NUMBER OF ANALYSIS		9	9	10				
Deficiency Rate = 0.00 %								
SS (WARS) GALLATIN SVC		WARSAW KY 41095						
00-00-57	53037+	0.00	0.00	58.63		103	CM	Bulk
06-16-39	53035	6.21	16.01	39.87		101	CM	Bulk
06-16-39	53036	6.16	16.39	39.35		101	CM	Bulk
16-14-22	53041	16.13	15.33	23.10		102	CM	Bulk
18-04-27	53034	18.38	4.68	28.82		104	CM	Bulk
18-04-27	53038	18.68	4.79	27.95		103	CM	Bulk
22-06-20	53043	24.77	6.81	20.07		103	CM	Bulk
22-09-22	53039	23.06	9.29	23.65		102	CM	Bulk
23-09-21	53040	23.53	9.63	22.08		101	CM	Bulk
23-11-16	53042	23.17	11.47	18.21		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

SS (WARS) GALLATIN SVC		WARSAW KY 41095						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.57	103.71	102.90				
ALL SAMPLES, CV %		3.15	3.3	3.04				
NUMBER OF ANALYSIS		9	9	10				
Deficiency Rate = 0.00 %								

SS (WINC) CLARK COOP		WINCHESTER KY 40391						
10-10-10	52853	10.02	10.03	10.17		101	Blend	Bag
11-16-25	53298	11.23	15.77	26.06		101	CM	Bulk
13-10-25	53352	13.34	10.49	24.72		99	CM	Bulk
13-15-22	53296	13.45	14.87	23.20		101	CM	Bulk
19-11-16	52983	18.97	11.57	17.94		105	CM	Bulk
19-19-19	52984	19.71	19.57	20.03		102	CM	Bulk
27-00-09	53297	28.53	0.00	9.52		104	CM	Bulk
27-00-10	52985	27.90	0.00	10.78		104	CM	Bulk
29-11-00	53295	30.22	11.34	0.00		101	CM	Bulk

SS (WINC) COOP, INC.		WINCHESTER KY 40391						
00-10-30	51759+	0.00	9.94	31.91		105	Blend	Bag
00-10-30	52646+	0.00	10.92	29.60		101	Blend	Bag
00-22-30	50762	0.00	21.90	30.94		102	Blend	Bag
00-25-25	50755	0.00	26.40	24.43		102	Blend	Bag
00-25-25	53033	0.00	26.30	24.76		102	Blend	Bag
05-10-15	50967	4.40 *	9.20	14.46		94 *	Blend	Bag
05-10-15	50968	4.62 *	9.21	14.95		96 *	Blend	Bag
05-10-15	50972	4.89	9.70	14.98		99	Blend	Bag
05-10-15	51616	4.65	9.49	15.46		99	Blend	Bag
05-10-15	52221	5.03	10.28	15.15		101	Blend	Bag
05-10-15	52223	4.81	9.95	17.75	*	109	Blend	Bag
05-10-15	52614	4.42 *	9.17	13.81 *		91 *	Blend	Bag
05-10-15	52619	4.79	9.54	13.82 *		94 *	Blend	Bag
05-10-15	52645	4.88	10.22	14.18		97	Blend	Bag
05-10-15	52872	4.75	9.45	14.33		95 *	Blend	Bag
05-10-15	52939	4.63 *	9.41	14.64		96 *	Blend	Bag
05-10-15	53031	4.79	9.76	15.06		99	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade : 12								
Average Analysis :		4.72	9.61	14.88		97.5		
CV, %		3.98	3.95	7.02				
05-20-20	50971	4.87	19.71	21.61		102	Blend	Bag
05-20-20	51258	5.05	21.15	19.49		102	Blend	Bag
05-20-20	51618	5.11	20.10	19.62		100	Blend	Bag
05-20-20	51655	5.12	19.90	21.94		104	Blend	Bag
05-20-20	51761	5.13	21.31	19.55		102	Blend	Bag
05-20-20	52243	4.93	19.75	20.98		101	Blend	Bag
05-20-20	52690	4.92	13.87 *	27.73		102	Blend	Bag
05-20-20	52974	4.98	19.26	21.57		101	Blend	Bag
05-20-20	53184	5.00	18.05 *	23.77		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

SS (WINC) COOP, INC. WINCHESTER KY 40391								
Statistical Analysis for Grade : 05-20-20								
Number of Samples This Grade : 9								
Average Analysis :		5.01	19.23	21.81		102.0		
CV, %		1.91	11.61	12.02				
06-12-12	52797	5.89	11.95	11.25		97	Blend	Bag
06-24-24	51652	6.12	24.54	23.59		101	Blend	Bag
09-18-27	51776	9.49	17.33	27.83	*	102	Blend	Bag
09-18-27	53063	9.11	18.24	27.95		103	Blend	Bag
10-10-10	50655	10.33	10.89	9.48		103	Blend	Bag
10-10-10	50753	9.18	10.42	9.03 *		95 *	Blend	Bag
10-10-10	50939	9.70	10.08	9.70		98	Blend	Bag
10-10-10	50965	9.59	10.36	9.58		98	Blend	Bag
10-10-10	50966	9.48	10.26	10.08		99	Blend	Bag
10-10-10	50970	9.77	9.69	10.38		99	Blend	Bag
10-10-10	51256	9.87	10.57	9.65		100	Blend	Bag
10-10-10	51282	9.79	10.83	9.69		101	Blend	Bag
10-10-10	51344	11.34	11.74	9.67		110	Blend	Bag
10-10-10	51347	10.06	10.59	9.44		100	Blend	Bag
10-10-10	51362	9.67	10.44	9.97		100	Blend	Bag
10-10-10	51519	9.90	10.45	9.84		100	Blend	Bag
10-10-10	51763	9.25	10.25	8.89 *		94 *	Blend	Bag
10-10-10	51774	9.84	10.43	10.45		102	Blend	Bag
10-10-10	52179	10.02	10.83	9.53		101	Blend	Bag
10-10-10	52225	10.03	9.65	10.83		101	Blend	Bag
10-10-10	52234	9.96	10.40	9.39		99	Blend	Bag
10-10-10	52239	9.39	10.69	9.14 *		97	Blend	Bag
10-10-10	52242	9.42	9.33	10.89		98	Blend	Bag
10-10-10	52613	10.07	10.56	9.56		101	Blend	Bag
10-10-10	52644	9.56	10.41	9.91		99	Blend	Bag
10-10-10	52688	10.03	10.34	10.29		102	Blend	Bag
10-10-10	52730	9.54	9.69	9.26		95 *	Blend	Bag
10-10-10	52767	9.96	10.67	10.30		103	Blend	Bag
10-10-10	52788	9.51	10.92	9.60		100	Blend	Bag
10-10-10	52796	10.32	10.27	9.65		101	Blend	Bag
10-10-10	52940	9.31	9.26	10.84		97	Blend	Bag
10-10-10	52975	9.83	9.86	9.71		98	Blend	Bag
10-10-10	53062	9.25	9.87	10.66		98	Blend	Bag
10-10-10	53270	9.30	9.40	10.19		96 *	Blend	Bag
10-10-10	53365	10.68	10.56	10.61		106	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 31								
Average Analysis :		9.80	10.31	9.88		99.7		
CV, %		4.65	5.15	5.53				
10-10-20	52176	9.29	9.84	20.87		100	Blend	Bag
10-20-20	51619	9.68	19.90	20.73		100	Blend	Bag
12-12-12	51280	9.20 *	12.35	12.41		92 *	Blend	Bag
12-12-12	51653	11.55	11.47	11.46		96 *	Blend	Bag
12-12-12	52978	10.83 *	11.48	12.21		95 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
SS (WINC) COOP, INC.	WINCHESTER KY	40391						
12-12-12	53032	11.81	11.63	12.19		99	Blend	Bag
12-12-12	53199	11.39	12.75	11.96		100	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number of Samples This Grade :		5						
Average Analysis :		10.95	11.93	12.05		96.2		
CV, %		9.52	4.87	3.03				
12-22-22	52658	11.93	21.90	22.01		100	CM	Bag
15-15-15	50567	13.22 *	16.00	16.64		101	Blend	Bag
15-15-15	50754	15.04	16.16	15.25		103	Blend	Bag
15-15-15	51345	14.73	16.14	14.17		100	Blend	Bag
15-15-15	52976	15.54	15.44	14.66		102	Blend	Bag
15-15-15	53269	15.19	18.13	16.17		109	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade :		5						
Average Analysis :		14.74	16.37	15.38		102.9		
CV, %		6.11	6.26	6.67				
19-19-19	50654	20.45	20.97	17.58 *		104	Blend	Bag
19-19-19	50730	19.09	18.75	20.24		102	Blend	Bag
19-19-19	50938	19.84	19.44	18.37		102	Blend	Bag
19-19-19	50969	18.86	18.71	20.11		101	Blend	Bag
19-19-19	51123	19.53	19.53	19.06		102	Blend	Bag
19-19-19	51257	18.70	19.99	18.64		100	Blend	Bag
19-19-19	51281	19.31	19.21	19.83		102	Blend	Bag
19-19-19	51346	19.34	19.87	18.75		102	Blend	Bag
19-19-19	51617	19.25	18.47	20.23		101	Blend	Bag
19-19-19	51654	18.69	18.75	20.45		101	Blend	Bag
19-19-19	51760	18.75	19.45	19.64		101	Blend	Bag
19-19-19	51775	19.45	19.31	18.98		101	Blend	Bag
19-19-19	52178	20.11	19.94	18.12		103	Blend	Bag
19-19-19	52222	20.41	18.57	18.88		102	Blend	Bag
19-19-19	52240	20.15	17.75	20.42		103	Blend	Bag
19-19-19	52241	19.52	19.82	19.19		103	Blend	Bag
19-19-19	52618	19.53	20.43	18.39		103	Blend	Bag
19-19-19	52647	19.34	19.35	19.42		102	Blend	Bag
19-19-19	52689	17.74	18.42	21.22		99	Blend	Bag
19-19-19	52729	19.30	20.82	18.40		103	Blend	Bag
19-19-19	52731	20.31	19.56	17.11 *		101	Blend	Bag
19-19-19	52798	19.03	19.27	19.29		101	Blend	Bag
19-19-19	52938	18.46	18.61	22.15		103	Blend	Bag
19-19-19	52977	20.40	19.22	19.40		104	Blend	Bag
19-19-19	53183	20.35	21.96	16.15 *		104	Blend	Bag
19-19-19	53267	19.62	20.51	18.07		102	Blend	Bag
19-19-19	53361	18.82	20.92	18.68		102	Blend	Bag
19-19-19	53364	18.93	20.03	18.98		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
SS (WINC) COOP, INC.	WINCHESTER KY	40391						
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 28								
Average Analysis :		19.40	19.56	19.13		102.0		
CV, %		3.49	4.79	6.45				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.74	101.54	100.78				
ALL SAMPLES, CV %		5.23	6.31	7.05				
NUMBER OF ANALYSIS		97	102	102				
Deficiency Rate = 19.61 %								
STANLEY CROP SVC.	STANLEY KY	42375						
00-00-60	50757	0.00	0.00	61.47		102	Mat	Bulk
00-46-00	50759	0.00	45.72	0.00		99	Mat	Bulk
18-46-00	50758	18.00	45.65	0.00		100	Mat	Bulk
46-00-00	50756	45.82	0.00	0.00		100	Mat	Bulk
SUN BULB COMPANY, INC.	ARCADIA FL	34265						
20-14-13	50800+	20.27	14.40	12.66		101	Blend	Bag
SWISS FARMS PRODUCTS, INC.	LAS VEGAS NV	89109						
15-30-15	50688+	16.05	30.40	15.64		104	Mnfr	Bag
15-30-15	50806+	16.82	30.33	14.21		103	Blend	Bag
15-30-15	50992+	16.44	29.84	15.08		103	Blend	Bag
15-30-15	50996+	15.75	30.47	15.35		103	Blend	Bag
15-30-15	51503+	16.82	30.40	14.66		104	Blend	Bag
15-30-15	51735+	15.87	30.98	15.74		104	Mnfr	Bag
Statistical Analysis for Grade : 15-30-15								
Number of Samples This Grade : 6								
Average Analysis :		16.29	30.40	15.11		103.7		
CV, %		2.89	1.19	3.91				
18-18-21	50807+	19.51	17.32	20.10		101	Blend	Bag
18-24-16	51734+	19.94	23.95	16.35		105	Mnfr	Bag
30-10-10	50687+	31.16	11.09	10.99		106	Mnfr	Bag
30-10-10	53131+	29.60	12.14	11.55		105	Mnfr	Bag
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		107.34	103.64	102.78				
ALL SAMPLES, CV %		3.92	7.02	6.19				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								
T AND N, INC	FORISTELL MO	63348						
10-06-04	51876	10.90	6.19	4.15		107	Mnfr	Bag
12-12-12	50321	8.97 *	8.48 *	12.90		81 *	Blend	Bag
12-12-12	51874	9.94 *	11.01 *	11.63		89 *	Mnfr	Bag
12-22-10	50320+	11.28	21.21	10.60		97	Blend	Bag
12-22-10	51873+	12.30	23.73	10.02		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
T AND N, INC	FORISTELL MO 63348							
16-08-05	53257+	18.69	9.66	5.14		116	Blend	Bag
28-05-10	50322	26.18 *	4.94	11.63		97	Blend	Bag
32-03-10	51875	32.22	3.46	10.24		102	Mnfr	Bag
TAYLOR, G.M. SEED CO.	GEORGETOWN KY 40324							
00-00-60	52233	0.00	0.00	60.32		101	Mat	Bulk
17-00-26	53252	18.96	0.00	24.69 *		101	CM	Bulk
19-00-22	53253	21.26	0.00	21.45		102	CM	Bulk
34-00-00	52232	33.89	0.00	0.00		100	Mat	Bulk
TENNESSEE FARMERS COOP	LAVERGNE TN 37086							
13-13-13	52630+	12.72	13.69	13.64		102	Blend	Bag
15-15-15	52631	14.75	14.18	15.48		99	Blend	Bag
THE ANDERSONS LAWN FERT DIV	MAUMEE OH 43537							
18-24-12	50175	18.52	23.66	12.52		101	Blend	Bag
18-24-12	50252	19.26	23.58	11.22		101	Blend	Bag
THE SCOTTS CO.	MARYSVILLE OH 43041							
10-10-10	50146	11.90	11.16	11.22		115	Blend	Bag
10-10-10	53234	11.77	10.90	11.81		115	Blend	Bag
10-12-10	50145	11.09	13.08	12.52		113	Blend	Bag
10-12-10	50150	11.85	15.25	11.59		121	Blend	Bag
10-12-10	50159	11.33	12.49	16.86		122	Blend	Bag
10-12-10	50180	14.35	14.08	12.92		131	Blend	Bag
10-12-10	50214	11.36	14.37	12.84		119	Blend	Bag
10-12-10	50219	11.36	12.82	12.68		114	Blend	Bag
10-12-10	50622	11.49	12.08	12.03		112	Blend	Bag
Statistical Analysis for Grade : 10-12-10								
Number of Samples This Grade : 7								
Average Analysis :		11.83	13.45	13.06		118.8		
CV, %		9.58	8.49	13.32				
11-07-07	50281	11.09	7.22	9.60		108	Mnfr	Bag
20-27-05	50620+	21.88	26.53	5.32		104	Blend	Bag
20-27-05	51622+	20.44	27.21	5.84		103	Mnfr	Bag
22-03-14	50056+	22.12	3.59	13.93		102	Mnfr	Bag
22-03-14	50063+	22.37	3.46	12.94 *		101	Mnfr	Bag
22-03-14	50067+	22.32	3.28	13.60		101	Mnfr	Bag
22-03-14	50070+	22.11	3.16	13.50		100	Mnfr	Bag
22-03-14	50085+	22.09	3.03	13.58		100	Mnfr	Bag
22-03-14	50118+	21.10	3.41	15.12		100	Mnfr	Bag
Statistical Analysis for Grade : 22-03-14								
Number of Samples This Grade : 6								
Average Analysis :		22.02	3.32	13.78		100.4		
CV, %		2.11	6.2	5.31				
22-04-11	50119+	21.37	3.93	11.58		99	Blend	Bag
24-03-11	50284	24.75	3.52	11.75		105	Mnfr	Bag
24-03-12	50038+	25.23	3.01	11.30		103	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
THE SCOTTS CO.	MARYSVILLE OH	43041						
28-03-03	51013+	28.56	3.40	3.58		104	Mnfr	Bag
28-03-03	52680+	28.18	3.26	3.31		102	Blend	Bag
28-03-03	52682+	28.59	3.33	3.27		103	Blend	Bag
28-03-03	52742+	29.14	3.09	3.06		104	Mnfr	Bag
28-03-03	52827+	28.41	2.96	3.20		102	Blend	Bag
28-03-03	52830+	28.57	3.23	3.40		103	Blend	Bag
28-03-03	53021+	29.86	3.26	3.78		108	Blend	Bag
Statistical Analysis for Grade : 28-03-03								
Number of Samples This Grade : 7								
Average Analysis :		28.76	3.22	3.37		103.6		
CV, %		1.97	4.61	7.18				
28-03-08	50032	28.58	3.13	7.69		102	Blend	Bag
28-03-08	50040	27.59	4.26	8.82		103	Blend	Bag
28-03-08	50050	29.74	3.54	8.98		108	Blend	Bag
28-03-08	50054	29.26	3.12	8.92		105	Blend	Bag
28-03-08	50059	27.48	3.37	9.94		102	Blend	Bag
28-03-08	53130	29.94	3.40	7.61		106	Mnfr	Bag
Statistical Analysis for Grade : 28-03-08								
Number of Samples This Grade : 6								
Average Analysis :		28.77	3.47	8.66		104.2		
CV, %		3.69	12.1	10.17				
29-03-04	50617+	30.01	2.99	4.56		104	Mnfr	Bag
29-03-04	50623+	29.56	3.43	4.78		104	Mnfr	Bag
29-03-04	50677+	29.52	3.18	4.43		103	Mnfr	Bag
29-03-04	50684+	29.23	3.01	4.23		101	Mnfr	Bag
29-03-04	51014+	29.52	3.10	4.59		103	Mnfr	Bag
29-03-04	51164+	30.09	2.95	4.29		104	Mnfr	Bag
29-03-04	51625+	30.34	3.34	4.71		106	Mnfr	Bag
29-03-04	52740+	29.37	2.87	3.77		100	Mnfr	Bag
Statistical Analysis for Grade : 29-03-04								
Number of Samples This Grade : 8								
Average Analysis :		29.71	3.11	4.42		103.1		
CV, %		1.32	6.29	7.35				
30-03-04	51505+	30.57	3.39	4.33		103	Blend	Bag
30-03-04	51633+	31.09	3.30	4.51		105	Blend	Bag
30-03-04	51634+	31.05	3.02	4.21		103	Blend	Bag
30-03-04	51636+	30.84	3.25	4.42		104	Blend	Bag
30-03-04	51639+	31.51	3.26	4.29		105	Blend	Bag
30-03-04	52741+	30.60	2.91	3.92		101	Mnfr	Bag
Statistical Analysis for Grade : 30-03-04								
Number of Samples This Grade : 6								
Average Analysis :		30.94	3.19	4.28		103.6		
CV, %		1.14	5.75	4.78				
31-03-09	50283+	33.79	3.55	8.48		108	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

THE SCOTTS CO.	MARYSVILLE OH 43041							
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		105.43	108.53	111.39				
ALL SAMPLES,CV %		7.39	7.98	12.11				
NUMBER OF ANALYSIS		49	49	49				
Deficiency Rate = 2.04 %								

TIGER-SUL PRODUCTS, LLC	ATMORE AL 36504							
00-00-00	51332+	0.00	0.00	0.00			Mat	Bag
00-00-00	51549+	0.00	0.00	0.00			Mat	Bag
00-00-00	51851+	0.00	0.00	0.00			Mnfr	Bag
00-00-00	52766+	0.00	0.00	0.00			Mat	Bag
00-00-00	52844+	0.00	0.00	0.00			Mat	Bag
00-00-00	53050+	0.00	0.00	0.00			Mat	Bag
Statistical Analysis for Grade : 00-00-00								
Number of Samples This Grade : 6								
Average Analysis :		0.00	0.00	0.00		0.0		
CV, %		0	0	0				

TRACE CHEM INC.	PEKIN IL 61554-1522							
00-00-00	53222+	0.00	0.00	0.00			Mat	Liq

TRI COUNTY FERT.	RICHMOND KY 40475-2014							
08-17-26	53286	8.71	17.54	27.91		101	CM	Bulk
08-17-26	53287	8.40	17.50	27.31		99	CM	Bulk
08-17-26	53289	8.95	18.20	25.74		98	CM	Bulk
08-17-26	53290	8.61	17.23	27.60		100	CM	Bulk
11-09-14	53294	10.75	9.21	14.23		97 *	CM	Bulk
22-00-20	53288	22.98	0.00	21.06		103	CM	Bulk
33-14-00	53291+	33.78	14.59	0.00		101	CM	Bulk
33-14-00	53292+	33.50	14.91	0.00		101	CM	Bulk
33-14-00	53293+	33.33	14.48	0.00		100	CM	Bulk

TRIMBLE CO FARM	MILTON KY 40045							
13-06-09	53341	14.02	6.79	9.90		104	CM	Bulk
19-00-12	53339	20.04	0.00	13.26		103	CM	Bulk
21-15-20	53342	20.44	16.65	20.15		100	CM	Bulk
46-00-00	53340	46.20	0.00	0.00		100	Mat	Bulk

TRUSERV CORP.	CHICAGO IL 60631							
12-08-08	52737	11.93	7.82	7.43		98	Blend	Bag
22-04-14	50285	22.29	3.24 *	14.00		99	Mnfr	Bag

TWO RIVERS, INC	DRAKESBORO KY 42337							
09-23-30	51192	10.61	23.55	28.19 *		102	CM	Bulk
09-23-30	51193	10.83	23.58	27.61 *		102	CM	Bulk
09-23-30	52443	9.30	23.92	28.88		101	CM	Bulk
09-23-30	52447	9.27	23.98	30.03		102	CM	Bulk
09-23-30	52448	9.12	23.29	30.03		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS-CL	RV	Type	Form
TWO RIVERS, INC	DRAKESBORO KY 42337							
09-23-30	52450	9.12	23.64	29.27		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number of Samples This Grade :		6						
Average Analysis :		9.71	23.66	29.00		101.2		
CV, %		8.14	1.08	3.38				
19-19-19	52442	19.72	20.34	18.36		101	CM	Bulk
19-19-19	52444	19.08	19.42	19.72		100	CM	Bulk
19-19-19	52445	18.77	19.04	19.70		99	CM	Bulk
19-19-19	52446	19.09	18.56	19.92		99	CM	Bulk
19-19-19	52449	18.79	19.69	19.67		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade :		5						
Average Analysis :		19.09	19.41	19.47		99.6		
CV, %		2.01	3.46	3.24				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		103.58	101.87	98.36				
ALL SAMPLES,CV %		7.74	2.56	3.71				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate = 18.18 %								
U.S. BORAX INC.	VALENCIA CA 91355							
00-00-00	51706+	0.00	0.00	0.00			Mat	Bag
UNCO INDUSTRIES INC.	RACINE WI 53406							
01-00-00	50287+	1.59	0.00	0.00		159	Mat	Bag
VALLEY FARM CTR INC.	MONTICELLO KY 42633							
17-17-17	52018	18.40	16.97	18.53		101	CM	Bulk
17-17-17	52020	18.57	17.15	18.01		101	CM	Bulk
18-14-16	52019	17.73	17.20	17.32		105	CM	Bulk
VALLEY FERTILIZER SVC.	EDMONTON KY 42129							
08-20-26	52485	8.72	21.07	27.87		104	CM	Bulk
09-23-30	52492	9.34	23.06	30.06		101	CM	Bulk
17-17-17	52486	17.19	17.32	17.73		101	CM	Bulk
19-19-18	52487	19.45	19.50	19.34		100	CM	Bulk
19-19-19	52484	19.69	19.24	19.35		100	CM	Bulk
19-19-19	52488	19.83	19.35	19.34		101	CM	Bulk
19-19-19	52489	19.59	19.17	19.96		101	CM	Bulk
19-19-19	52491	19.60	19.91	18.76		100	CM	Bulk
21-13-13	52490	22.27	13.52	13.13		101	CM	Bulk
27-13-13	52493	27.60	13.09	14.44		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		101.82	99.43	102.00				
ALL SAMPLES,CV %		2.71	2.01	3.11				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

VOLUNTARY PURCHASING		BONHAM TX 75418						
07-08-05	52856	12.58	6.03 *	3.68 *		122	Blend	Bag

WARNER FERT CO. (ALBA)		ALBANY KY 42602						
05-24-24	51791+	5.21 *	24.77	25.76		100	CM	Bulk
11-11-11	51796	10.81	11.67	11.24		100	CM	Bulk
12-24-24	51091	11.93	24.10	25.27		102	CM	Bulk
17-17-17	51092	16.42	17.29	20.51		105	CM	Bulk
17-17-17	51093	20.49	14.78 *	15.01 *		102	CM	Bulk
19-19-18	51790	18.86	19.24	20.09		100	CM	Bulk
19-19-19	51789	19.47	19.38	19.68		103	CM	Bulk
19-19-19	51792	17.85	18.79	22.16		102	CM	Bulk
19-19-19	51793	18.03	19.69	20.88		102	CM	Bulk
19-19-19	51794	18.03	20.50	20.09		102	CM	Bulk
27-13-13	51797	26.48	14.05	14.60		103	CM	Bulk
30-09-12	51795	29.15	9.94	14.11		100	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.34	101.34	107.02				
ALL SAMPLES,CV %		7.68	5.34	7.68				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate = 16.67 %								

WARNER FERT CO. (CAMP)		CAMPBELLSVILLE KY 42718						
19-19-19	52902	19.86	19.23	19.81		102	CM	Bulk
20-17-18	52899+	20.81	17.10	19.70		101	CM	Bulk
20-17-18	52903+	20.69	17.06	19.62		101	CM	Bulk
20-17-18	52904+	21.16	16.42	19.49		100	CM	Bulk

WARNER FERT CO. (COLU)		COLUMBIA KY 42728						
16-16-24	52110	16.28	16.73	25.41		101	CM	Bulk
17-17-17	52105	17.97	18.74	17.85		103	CM	Bulk
18-18-18	52104	18.87	19.35	20.27		103	CM	Bulk
19-19-19	52103	18.45	20.34	20.57		101	CM	Bulk
19-19-19	52107	19.27	20.56	19.41		104	CM	Bulk
19-19-19	52108	19.13	19.79	20.02		103	CM	Bulk
19-19-19	52109	18.94	20.94	19.10		103	CM	Bulk
19-19-19	52111	18.79	19.49	20.33		102	CM	Bulk
19-19-19	52112	19.94	18.53	19.38		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

WARNER FERT CO. (COLU) COLUMBIA KY 42728								
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 6								
Average Analysis :								
CV, %		19.09	19.94	19.80		102.3		
		2.65	4.35	2.98				
26-12-15	52106	26.83	12.41	16.08		102	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.93	104.05	103.83				
ALL SAMPLES, CV %		2.25	3.68	2.52				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

WARNER FERT CO. (EAST) EAST BERNSTADT KY 40729								
03-15-15	52312	4.11	16.02	15.53		104	CM	Bulk
06-26-26	52307	6.39	27.13	25.33		102	CM	Bulk
11-22-22	52305	11.91	21.75	23.93		102	CM	Bulk
19-19-19	52303	19.64	19.04	20.08		103	CM	Bulk
19-19-19	52304	20.25	17.78	19.62		102	CM	Bulk
19-19-19	52306	20.57	18.09	19.42		103	CM	Bulk
19-19-19	52308	19.70	18.90	20.00		103	CM	Bulk
19-19-19	52309	20.88	16.68 *	20.43		103	CM	Bulk
19-19-19	52310	19.75	18.41	20.59		103	CM	Bulk
19-19-19	52311	19.51	18.30	19.89		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 7								
Average Analysis :								
CV, %		20.04	18.17	20.00		102.5		
		2.63	4.35	2.07				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		106.53	97.34	104.05				
ALL SAMPLES, CV %		3.52	4.97	3.22				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 10.00 %								

WARNER FERT CO. (LIBE) LIBERTY KY 42539								
00-24-27	53314	0.00	24.83	28.87		102	CM	Bulk
00-24-27	53315	0.00	24.61	29.12		102	CM	Bulk
00-37-11	52922	0.00	37.57	12.20		102	CM	Bulk
18-18-18	52925	17.54	18.09	19.17		101	CM	Bulk
19-19-19	52920	16.78 *	16.91 *	17.71 *		90 *	CM	Bulk
19-19-19	52921	19.04	18.00	19.70		100	CM	Bulk
19-19-19	52923	18.94	18.60	19.62		100	CM	Bulk
19-19-19	52924	18.67	18.53	19.88		100	CM	Bulk
19-19-19	52926	18.83	18.86	19.22		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
WARNER FERT CO. (LIBE) LIBERTY KY 42539								
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 5								
Average Analysis :		18.45	18.18	19.23		97.8		
CV, %		5.12	4.27	4.58				
WARNER FERT CO. (MONT) MONTICELLO KY 42633								
00-22-22	51251+	0.00	21.61	23.73		101	CM	Bulk
12-24-24	51245	12.43	23.84	24.19		101	CM	Bulk
13-18-27	51254	12.58	18.92	28.69		100	CM	Bulk
14-14-14	51246	12.78 *	15.01	15.77		96 *	CM	Bulk
17-17-17	51244	17.72	17.91	17.24		99	CM	Bulk
17-17-17	51248	17.76	17.54	18.26		100	CM	Bulk
17-17-17	51249	17.11	17.55	18.98		100	CM	Bulk
17-17-17	51252	16.67	18.71	18.84		101	CM	Bulk
19-19-19	51247	15.83 *	18.98	20.71		93 *	CM	Bulk
19-19-19	51253	19.22	18.40	20.22		99	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		94.95	99.72	103.83				
ALL SAMPLES,CV %		7.43	2.96	3.02				
NUMBER OF ANALYSIS		9	10	10				
Deficiency Rate = 20.00 %								
WARNER FERT CO. (NAN) NANCY KY 42544								
16-16-16	53124	16.10	18.68	17.48	*	102	CM	Bulk
17-14-19	53181	17.65	15.19	19.70		100	CM	Bulk
19-19-19	53129	19.35	17.85	20.43		101	CM	Bulk
22-10-15	52123	23.80	8.70 *	14.00		101	CM	Bulk
33-07-09	53127+	33.78	7.18	9.64		100	CM	Bulk
WARNER FERT CO. (RUSS) RUSSELL SPRINGS KY 42642								
08-07-38	52699	8.42	7.64	39.64		101	CM	Bulk
15-15-15	53219	15.63	14.58	14.43		99	CM	Bulk
19-19-19	52698	18.69	20.93	19.09		100	CM	Bulk
19-19-19	52700	18.71	19.14	20.18		99	CM	Bulk
23-00-30	52697	24.70	0.00	29.32		103	CM	Bulk
27-13-13	52696	28.87	13.72	12.14 *		102	CM	Bulk
WARNER FERT CO. (SOM) SOMERSET KY 42502								
00-00-60	50570	0.00	0.00	60.25		100	Mat	Bulk
00-00-60	50575	0.00	0.00	60.57		101	Mat	Bulk
00-00-60	50593	0.00	0.00	60.75		101	Mat	Bulk
00-00-60	50656	0.00	0.00	60.64		101	Mat	Bulk
00-00-60	50669	0.00	0.00	61.20		102	Mat	Bulk
00-00-60	50715	0.00	0.00	61.01		102	Mat	Bulk
00-00-60	50740	0.00	0.00	61.37		102	Mat	Bulk
00-00-60	50779	0.00	0.00	61.23		102	Mat	Bulk
00-00-60	50815	0.00	0.00	60.79		101	Mat	Bulk
00-00-60	50840	0.00	0.00	60.72		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form
WARNER FERT CO. (SOM)		SOMERSET KY 42502						
00-00-60	50865	0.00	0.00	60.35		101	Mat	Bulk
00-00-60	50914	0.00	0.00	60.32		101	Mat	Bulk
00-00-60	51112	0.00	0.00	60.85		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number of Samples This Grade :		13						
Average Analysis :		0.00	0.00	60.77		101.3		
CV, %		0	0	0.59				
00-46-00	50843	0.00	46.65	0.00		101	Mat	Bulk
00-46-00	50917	0.00	46.59	0.00		101	Mat	Bulk
05-10-10	52799	5.05	9.90	9.69		99	Blend	Bag
05-10-15	50919	4.93	10.23	14.61		99	Blend	Bag
05-10-15	52315	4.95	9.74	15.02		99	Blend	Bag
05-10-15	52750	4.67	9.11	14.80		96 *	Blend	Bag
05-10-15	52784	4.38 *	8.60 *	16.10		98	Blend	Bag
05-10-15	52962	6.56	10.57	15.08		108	Blend	Bag
05-10-15	53319	5.42	9.27	15.58		102	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number of Samples This Grade :		6						
Average Analysis :		5.15	9.59	15.20		100.2		
CV, %		14.98	7.69	3.62				
05-20-20	50925	5.16	21.23	20.96		105	Blend	Bag
05-20-20	51250	5.82	22.80	20.64		110	Blend	Bag
05-20-20	52211	4.22 *	16.54 *	21.72		93 *	Blend	Bag
05-20-20	52558	4.64	19.29	19.34		96 *	Blend	Bag
05-20-20	52901	5.88	22.71	22.35		113	Blend	Bag
05-20-20	52964	5.76	21.40	19.50		105	Blend	Bag
05-20-20	53225	5.20	20.45	19.17		100	Blend	Bag
Statistical Analysis for Grade : 05-20-20								
Number of Samples This Grade :		7						
Average Analysis :		5.24	20.63	20.53		103.2		
CV, %		12.15	10.56	6.05				
06-12-12	51095	5.39 *	9.35 *	12.68		91 *	Blend	Bag
06-12-12	52125	9.22	16.77	12.71		132	Blend	Bag
06-12-12	52213	5.92	13.80	12.48		107	Blend	Bag
06-12-12	52785	6.94	13.75	12.60		112	Blend	Bag
06-12-12	52795	6.55	12.66	12.39		106	Blend	Bag
06-12-12	52801	6.33	11.49	12.03		100	Blend	Bag
06-12-12	52965	7.06	12.41	11.73		105	Blend	Bag
Statistical Analysis for Grade : 06-12-12								
Number of Samples This Grade :		7						
Average Analysis :		6.77	12.89	12.37		107.5		
CV, %		18.08	17.75	2.96				
09-18-27	50923	9.87	19.12	27.33		104	Blend	Bag
09-18-27	52313	9.31	17.62	27.85	*	102	Blend	Bag
10-10-10	50576	9.02 *	8.34 *	10.04		91 *	Blend	Bag
10-10-10	50595	8.68 *	8.92 *	11.58		95 *	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form

WARNER FERT CO. (SOM)		SOMERSET KY 42502						
10-10-10	50673	9.61	9.31	10.58		98	Blend	Bag
10-10-10	50782	9.33	9.15	11.16		98	Blend	Bag
10-10-10	50845	9.71	9.54	10.64		99	Blend	Bag
10-10-10	50860	9.89	11.94	10.04		105	Blend	Bag
10-10-10	50921	9.28	9.60	10.27		96 *	Blend	Bag
10-10-10	51098	8.14 *	8.19 *	9.30		85 *	Blend	Bag
10-10-10	51615	9.69	9.92	10.42		100	Blend	Bag
10-10-10	51708	10.02	9.70	10.77		101	Blend	Bag
10-10-10	52124	10.65	10.52	11.38		108	Blend	Bag
10-10-10	52202	9.58	10.43	11.02		102	Blend	Bag
10-10-10	52246	9.98	11.05	10.11		103	Blend	Bag
10-10-10	52466	9.20	8.91 *	10.20		94 *	Blend	Bag
10-10-10	52556	8.42 *	8.55 *	10.39		90 *	Blend	Bag
10-10-10	52783	9.84	11.27	10.56		105	Blend	Bag
10-10-10	52787	9.19	10.60	10.70		100	Blend	Bag
10-10-10	52789	9.91	9.95	10.56		101	Blend	Bag
10-10-10	52792	10.09	9.89	10.97		103	Blend	Bag
10-10-10	52793	11.45	12.40	10.74		115	Blend	Bag
10-10-10	52800	10.26	10.43	10.29		103	Blend	Bag
10-10-10	52900	8.85 *	8.82 *	9.59		90 *	Blend	Bag
10-10-10	52970	10.58	10.57	10.57		106	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number of Samples This Grade : 23								
Average Analysis :		9.62	9.91	10.52		99.5		
CV, %		7.84	11.17	5.02				
10-20-20	50112	9.97	20.38	21.73		103	Blend	Bag
10-20-20	50924	9.98	19.55	20.59		100	Blend	Bag
12-24-24	50922	11.62	22.64	26.70		101	Blend	Bag
13-18-28	51417	12.44	18.62	29.68		102	CM	Bulk
15-15-15	50846	15.08	15.22	14.60		100	Blend	Bag
15-15-15	50918	13.91	15.29	15.56		98	Blend	Bag
15-15-15	51094	13.76 *	13.74 *	15.40		95 *	Blend	Bag
15-15-15	52245	15.75	13.98	18.06		106	Blend	Bag
15-15-15	52314	13.37 *	14.37	16.06		97	Blend	Bag
15-15-15	52494	13.15 *	14.68	13.87 *		92 *	Blend	Bag
15-15-15	53125	13.80	13.05 *	14.79		92 *	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number of Samples This Grade : 7								
Average Analysis :		14.12	14.33	15.48		97.2		
CV, %		6.7	5.66	8.69				
18-18-18	51433	18.69	20.71	18.87		105	CM	Bulk
18-46-00	50569	17.78	46.10	0.00		100	Mat	Bulk
18-46-00	50572	17.82	46.17	0.00		100	Mat	Bulk
18-46-00	50592	17.91	45.79	0.00		100	Mat	Bulk
18-46-00	50657	18.10	45.83	0.00		100	Mat	Bulk
18-46-00	50671	18.15	45.55	0.00		100	Mat	Bulk
18-46-00	50714	17.90	45.92	0.00		100	Mat	Bulk
18-46-00	50741	18.07	45.37	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

WARNER FERT CO. (SOM)		SOMERSET KY 42502						
18-46-00	50778	18.17	46.06	0.00		100	Mat	Bulk
18-46-00	50812	17.89	45.72	0.00		99	Mat	Bulk
18-46-00	50841	17.96	46.00	0.00		100	Mat	Bulk
18-46-00	50862	18.12	45.97	0.00		100	Mat	Bulk
18-46-00	50912	17.92	45.85	0.00		100	Mat	Bulk
18-46-00	51111	17.86	46.63	0.00		101	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number of Samples This Grade : 13								
Average Analysis :		17.97	45.92	0.00		99.8		
CV, %		0.74	0.67	0				
19-00-33	51436	18.80	0.00	35.00		102	CM	Bulk
19-19-19	50596	19.21	17.93	20.86		101	Blend	Bag
19-19-19	50674	18.46	18.11	21.54		101	Blend	Bag
19-19-19	50781	17.88	17.76	21.47		99	Blend	Bag
19-19-19	50844	19.22	17.56	20.35	*	100	Blend	Bag
19-19-19	50861	18.97	19.09	18.71		100	Blend	Bag
19-19-19	50920	18.70	18.84	19.10		99	Blend	Bag
19-19-19	51096	17.51	20.12	19.60		99	Blend	Bag
19-19-19	51097	18.85	18.39	19.16		99	Blend	Bag
19-19-19	51418	19.24	19.36	19.92		102	CM	Bulk
19-19-19	51434	19.63	20.05	19.11		103	CM	Bulk
19-19-19	51435	20.50	20.58	17.85		104	CM	Bulk
19-19-19	51437	19.18	18.45	20.84		102	CM	Bulk
19-19-19	51707	19.24	18.86	19.91		102	Blend	Bag
19-19-19	52212	18.74	20.08	19.44		102	Blend	Bag
19-19-19	52244	19.10	18.83	20.41		102	Blend	Bag
19-19-19	52495	18.36	18.26	20.89		100	Blend	Bag
19-19-19	52782	17.79	18.16	20.88		99	Blend	Bag
19-19-19	52786	19.68	18.99	18.44		101	Blend	Bag
19-19-19	52794	18.74	17.85	20.69		100	Blend	Bag
19-19-19	52831	19.09	20.02	18.77		101	Blend	Bag
19-19-19	52963	19.89	21.25	19.05		106	Blend	Bag
19-19-19	53220	18.90	20.96	18.98		103	Blend	Bag
19-19-19	53379	19.37	19.89	18.93		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade : 23								
Average Analysis :		18.97	19.10	19.78		101.2		
CV, %		3.58	5.64	5.2				
28-00-00	53377	27.95	0.00	0.00		100	Mat	Liq
28-00-00	53378	27.66	0.00	0.00		99	Mat	Liq
34-00-00	50571	33.99	0.00	0.00		100	Mat	Bulk
34-00-00	50573	33.08	0.00	0.00		97	Mat	Bulk
34-00-00	50594	33.36	0.00	0.00		98	Mat	Bulk
34-00-00	50659	33.38	0.00	0.00		98	Mat	Bulk
34-00-00	50670	33.03	0.00	0.00		97	Mat	Bulk
34-00-00	50716	33.46	0.00	0.00		98	Mat	Bulk
34-00-00	50742	33.39	0.00	0.00		98	Mat	Bulk
34-00-00	50780	33.63	0.00	0.00		99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
WARNER FERT CO. (SOM)	SOMERSET	KY 42502						
34-00-00	50814	33.29	0.00	0.00		98	Mat	Bulk
34-00-00	50842	34.24	0.00	0.00		101	Mat	Bulk
34-00-00	50864	33.57	0.00	0.00		99	Mat	Bulk
34-00-00	50916	34.34	0.00	0.00		101	Mat	Bulk
34-00-00	51113	33.67	0.00	0.00		99	Mat	Bulk
34-00-00	52557	33.59	0.00	0.00		99	Mat	Bag
Statistical Analysis for Grade : 34-00-00								
Number of Samples This Grade : 14								
Average Analysis :								
CV, %		33.57	0.00	0.00		98.7		
		1.16	0	0				
46-00-00	50568	45.83	0.00	0.00		100	Mat	Bulk
46-00-00	50574	46.19	0.00	0.00		100	Mat	Bulk
46-00-00	50591	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	50658	46.06	0.00	0.00		100	Mat	Bulk
46-00-00	50672	45.88	0.00	0.00		100	Mat	Bulk
46-00-00	50713	45.78	0.00	0.00		100	Mat	Bulk
46-00-00	50739	45.40	0.00	0.00		99	Mat	Bulk
46-00-00	50777	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50813	46.07	0.00	0.00		100	Mat	Bulk
46-00-00	50839	45.84	0.00	0.00		100	Mat	Bulk
46-00-00	50863	46.01	0.00	0.00		100	Mat	Bulk
46-00-00	50913	45.90	0.00	0.00		100	Mat	Bulk
46-00-00	51110	45.79	0.00	0.00		100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number of Samples This Grade : 13								
Average Analysis :								
CV, %		45.90	0.00	0.00		99.8		
		0.42	0	0				
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		99.94	100.25	103.55				
ALL SAMPLES, CV %		8.35	8.99	4.9				
NUMBER OF ANALYSIS		124	96	95				
Deficiency Rate = 12.23 %								
WARNER FERT CO. (STANF)	STANFORD	KY 40484						
00-22-30	51710	0.00	0.52 *	31.45		58 *	CM	Bulk
03-07-50	51728	2.82	7.51	49.58		99	CM	Bulk
04-12-44	51711	4.96	10.92 *	45.12		100	CM	Bulk
05-25-25	51713+	14.90	14.43 *	26.86		107	CM	Bulk
16-14-27	51712	16.09	13.82	28.67		100	CM	Bulk
18-18-18	51727	16.34 *	18.93	23.76		103	CM	Bulk
19-19-19	51724	19.81	19.36	19.59		103	CM	Bulk
19-19-19	51726	18.41	19.52	20.53		100	CM	Bulk
20-19-17	51725	19.38	18.69	20.01		99	CM	Bulk
27-11-15	51729	25.09 *	10.73	19.77		100	CM	Bulk
27-11-15	51730	26.35	11.15	18.05		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS-CL	RV	Type	Form

WARNER FERT CO. (STANF)		STANFORD KY 40484						
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		111.86	84.80	111.20				
ALL SAMPLES,CV %		45.54	35.5	10.16				
NUMBER OF ANALYSIS		10	11	11				
Deficiency Rate = 45.45 %								

WARNER FERT CO. (TOMPK)		TOMPKINSVILLE KY 42167						
17-17-17	51107	18.03	18.09	17.00		100	CM	Bulk
19-19-19	51104	19.08	18.87	20.61		100	CM	Bulk
19-19-19	51105	18.71	18.38	21.13		99	CM	Bulk
19-19-19	51106	19.48	18.29	20.31		100	CM	Bulk
19-19-19	51108	19.10	20.03	19.75		101	CM	Bulk
19-19-19	51109	19.35	20.84	18.97		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number of Samples This Grade :	5							
Average Analysis :		19.14	19.28	20.15		100.4		
CV, %		1.54	5.77	4.11				
21-18-18	51100	20.52	18.55	18.70		100	CM	Bulk
27-11-15	51103	26.79	11.72	16.80		101	CM	Bulk
27-13-13	51101	26.37	13.38	15.32		100	CM	Bulk
27-13-13	51102	27.15	13.85	13.98		101	CM	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		98.52	99.95	105.19				
ALL SAMPLES,CV %		1.6	4.07	5.03				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate = 0.00 %								

WATERWAY AG INC.		METROPOLIS IL 62960						
00-00-60	50403	0.00	0.00	61.64		103	Mat	Bulk
00-00-60	50773	0.00	0.00	59.59		99	Mat	Bulk
34-00-00	50819	32.93	0.00	0.00		98	Mat	Bulk

WILSON FARM SUPPLY, INC		NANCY KY 42544						
00-00-60	50859	0.00	0.00	60.10		100	Mat	Bulk
18-46-00	50857	18.22	46.16	0.00		101	Mat	Bulk
19-19-19	52473	18.55	19.32	20.13		99	CM	Bulk
19-19-19	52474	18.85	19.58	19.91		102	CM	Bulk
19-19-19	52555	19.13	19.71	19.28		102	CM	Bulk
22-07-15	52472	23.24	7.23	15.53		101	CM	Bulk
34-00-00	50858	34.28	0.00	0.00		101	Mat	Bulk
46-00-00	50856	46.16	0.00	0.00		100	Mat	Bulk

WOODFORD FEED CO.		VERSAILLES KY 40383						
00-00-60	52236	0.00	0.00	60.63		101	Mat	Bulk
16-08-21	53101	17.56	8.38	21.08		101	CM	Bulk
18-00-31	53103	18.24	0.00	32.23	*	102	CM	Bulk
18-00-31	53104	17.53	0.00	33.57	*	103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS-CL	RV	Type	Form
WOODFORD FEED CO.	VERSAILLES	KY 40383						
21-00-29	53102	21.41	0.00	29.46		101	CM	Bulk
21-03-17	53099	21.75	3.94	17.05		100	CM	Bulk
21-03-17	53106	21.61	4.28	17.39		101	CM	Bulk
21-03-17	53107	21.51	4.20	17.41	*	101	CM	Bulk
22-00-26	53100	21.78	0.00	26.82	*	100	CM	Bulk
25-00-15	53108	25.55	0.00	16.35		103	CM	Bulk
26-00-22	53105	26.74	0.00	22.42	*	100	CM	Bulk
34-00-00	52237	33.83	0.00	0.00		100	Mat	Bulk
46-00-00	52238	46.20	0.00	0.00		100	Mat	Bulk
STAT. ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES,%GUAR		100.43	106.05	101.60				
ALL SAMPLES,CV %		3.24	5.13	4.06				
NUMBER OF ANALYSIS		12	4	11				
Deficiency Rate = 0.00 %								
WOODSTREAM CORP	LITITZ	PA 17543						
10-02-06	53233	11.39	2.07	7.09		114	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 %
AG/GRO FERTILIZER CO.		WINCHESTER	KY		
	51667	00-00-00	B	10.00	10.08
	52039	00-00-00	B	10.00	10.34
AG/GRO FERTILIZER CO.		WINCHESTER	KY		
	52987	26-00-23	Zn	00.96	01.06
AGRI-BUSINESS TECH, INC		ALBANY	GA		
	52081	00-00-00	Zn	36.00	39.85
	53351	00-00-00	Zn	36.00	36.68
AGRI-CHEM, INC. (HERN)		HERNDON	KY		
	50172	07-34-19	Zn	00.73	00.83
	50182	07-34-19	Zn	00.73	00.89
	50183	07-34-19	Zn	00.73	00.85
	50184	07-34-19	Zn	00.73	00.79
AGRI-CHEM, INC. (HOPK)		HOPKINSVILLE	KY		
	50237	04-17-17	Zn	00.09	01.19
	50238	04-17-17	Zn	00.90	00.71*
	50239	04-17-17	Zn	00.90	01.08
AGRI-CHEM, INC. (TRENT)		TRENTON	KY		
	50291	05-26-22	Mg	02.04	02.48
			SO4	04.08	04.84
	50292	05-26-22	Mg	02.04	03.29
			SO4	04.08	06.86
	50295	05-26-22	Mg	02.05	02.49
			SO4	04.11	05.00
	50296	05-26-22	Mg	02.05	02.53
			SO4	04.11	05.17
AGRILIANCE		ST. PAUL	MN		
	51046	23-03-07	Fe	02.00	02.31
	52735	23-03-07	SO4	02.00	05.04
			Fe	02.00	02.02
	53213	23-03-07	Fe	02.00	02.55
AGRIUM U.S. INC. (DENV)		DENVER	CO		
	50635	44-00-00	CSRN	44.00	45.23
	52192	44-00-00	CSRN	44.00	44.14
AGRIUM U.S. INC. (REESE)		REESE	MI		
	50612	00-00-00	Mg	05.00	06.03
			SO4	09.00	10.31
			B	00.25	00.55
			Cu	00.25	00.94
			Zn	15.00	16.47

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
AGRIUM U.S. INC. (REESE)		REESE	MI		
	52673	00-00-00	Mg	25.00	31.99
			Zn	10.00	10.21
	52674	00-00-00	B	10.00	09.14
BAYER ADVANCED LLC		BIRMINGHAM	AL		
	53232	12-18-06	SO4	11.00	12.72
	53236	18-09-18	WIN	03.91	03.80
	50087	18-11-16	WIN	03.91	03.03*
	50096	18-11-16	WIN	03.91	03.63
	50125	18-11-16	WIN	03.91	03.66
	50130	18-11-16	WIN	03.91	04.97
	50131	18-11-16	WIN	03.91	03.61
	52745	18-11-16	WIN	03.91	03.71
	50116	30-03-05	Cu	00.10	00.12
			Fe	01.00	01.61
			Mn	00.10	00.16
			Zn	00.10	00.40
BIG RIVERS AGRI SUPPLY		OWENSBORO	KY		
	53133	05-15-15	Mo	00.0005	00.0005
			Zn	00.05	00.05
C F FARM SUPPLY, INC.		HISEVILLE	KY		
	51031	18-07-08	Mg	04.02	04.53
			SO4	08.04	08.96
	51029	20-10-10	Mg	01.89	02.56
			SO4	03.79	04.80
	51030	20-10-10	Mg	01.89	02.63
			SO4	03.79	04.83
CAMERON CHEMICALS, INC.		PORTSMOUTH	VA		
	51121	00-00-00	Zn	36.00	30.25*
	51548	00-00-00	Zn	36.00	36.14
	52265	00-00-00	Zn	36.00	29.11*
	52670	00-00-00	B	10.00	09.08
	52875	00-00-00	B	10.00	09.54
	53049	00-00-00	Zn	36.00	25.49*
	53126	00-00-00	SO4	09.00	03.87*
			Zn	36.00	39.15
	53128	00-00-00	Mg	36.00	37.91
			SO4	06.00	05.08*
	53350	00-00-00	Zn	36.00	26.17*
CECILIA FARM SVC INC.		CECILIA	KY		
	50049	00-14-38	B	00.48	00.45

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CEN FARMERS SUP. OF GREEN		GREENSBURG	KY		
	51740	09-25-25	B	00.48	00.44
CERES ENVIRO. SOLUTIONS IND, I		VAUDREUIL, QUEBEC	CN		
	50801	05-05-05	Ca	05.60	20.29
			SO4	04.00	02.53*
	52214	21-02-06	Ca	15.00	14.54
CHEMSICO, DIV OF UNITED INDUST		ST. LOUIS	MO		
	50324	10-12-12	Cu	00.05	00.05
			Fe	00.10	00.10
			Mn	00.05	00.05
			Zn	00.05	00.05
	50802	10-12-12	Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.05
	50325	10-15-10	Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
	52561	10-15-10	Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
	50339	14-14-16	CSRN	12.60	15.12
			CSRP	12.60	16.15
			CSRK	14.40	15.73
	50326	15-17-15	SO4	01.20	00.86*
			CSRN	13.50	15.67
			CSRP	15.30	16.44
	50630	15-30-15	B	00.02	00.03
			Cu	00.07	00.07
			Fe	00.15	00.16
			Mn	00.05	00.04
			Mo	00.0005	00.0005
			Zn	00.06	00.05
	50935	15-30-15	B	00.02	00.03
			Cu	00.07	00.07
			Fe	00.15	00.17
			Mn	00.05	00.05
			Mo	00.0005	00.0006
			Zn	00.06	00.06
	51998	15-30-15	Fe	00.15	00.16
			Mn	00.05	00.04
			Mo	00.0005	00.0004
			Zn	00.06	00.06
	53215	17-17-17	CSRN	15.30	20.26
			CSRP	15.30	17.63
			CSRK	15.30	16.10

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
CHEMSICO, DIV OF UNITED INDUST		ST. LOUIS	MO		
	50140	18-24-16	Cu	00.05	00.06
			Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
	50621	19-06-12	CSRN	17.10	20.16
			CSRP	05.40	07.14
			CSRK	10.80	13.30
	50629	19-06-12	CSRN	17.10	19.94
			CSRP	05.40	06.38
			CSRK	10.80	13.31
	50030	28-03-08	Fe	01.00	01.15
			CSRN	06.00	09.45
	50039	28-03-08	Fe	01.00	01.81
	50051	28-03-08	Fe	01.00	01.56
	50091	28-03-08	Fe	01.00	01.75
	50121	28-03-08	Fe	01.00	01.93
	50102	29-03-04	Fe	01.00	01.45
	50805	29-03-04	Fe	01.00	00.17*
CLEMENTS AG SUPP.		SPRINGFIELD	KY		
	52407	11-00-41	B	00.69	00.61
	52404	17-00-33	Zn	02.67	02.21*
CRITTENDEN FARM SUPP.		MARION	KY		
	51406	18-18-18	B	00.43	00.38
CROP PRODUCTION SVC INC (CLA)		CLARKSON	KY		
	53309	15-10-15	Mg	01.26	03.84
			Zn	00.50	00.56
CROP PRODUCTION SVC INC (HOD)		HODGENVILLE	KY		
	50261	00-12-41	B	00.31	00.31
CROP PRODUCTION SVC INC (HOR)		HORSECAVE	KY		
	52930	13-11-17	Mg	00.73	03.23
			Zn	00.24	00.28
	52927	20-10-18	Mg	00.74	01.05
			Zn	00.23	00.15*
CROP PRODUCTION SVC INC (RUS)		RUSSELLVILLE	KY		
	52397	13-13-13	B	00.04	00.04
			Zn	00.20	00.24
	52398	16-09-10	Mg	00.55	01.57
			B	00.04	00.04
			Zn	00.20	00.27

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
DABNEY FEED SUPP		BRODHEAD	KY		
	52025	08-21-28	B	00.88	00.84
DREXEL CHEMICAL CO.		MEMPHIS	TN		
	51333	00-00-00	B	15.00	14.96
	51419	00-00-00	B	15.00	14.73
	51547	00-00-00	B	15.00	14.21
	51609	00-00-00	B	15.00	14.68
	51762	00-00-00	B	15.00	14.18
	52224	00-00-00	B	15.00	14.21
	52264	00-00-00	B	15.00	14.23
	52510	00-00-00	B	15.00	14.52
	52768	00-00-00	B	15.00	15.47
	53051	00-00-00	B	15.00	15.28
	53343	00-00-00	B	15.00	15.46
EASY GARDNER		WACO	TX		
	52744	08-24-08	WIN	01.30	04.22
ESPOMA CO.		MILLVILLE	NJ		
	50898	03-05-07	WIN	02.50	01.76*
			Ca	03.00	03.05
			Mg	00.50	01.58
			SO4	05.00	06.39
			B	00.02	00.00*
			Cu	00.05	00.03*
			Fe	01.00	01.16
			Mn	00.05	00.04*
			Mo	00.0005	00.0001*
			Zn	00.05	00.08
	50258	04-06-04	WIN	01.55	01.51
			Ca	03.00	02.53*
			Mg	00.50	00.65
			SO4	05.00	03.60*
			B	00.02	00.01*
			Cu	00.05	00.07
			Fe	01.00	03.28
			Mn	00.05	00.09
			Mo	00.0005	00.0005
			Zn	00.05	00.19
	50897	04-06-06	WIN	01.20	01.50
			Ca	03.00	02.50*
			Mg	00.50	00.85
			SO4	05.00	05.32
			B	00.02	00.01*
			Cu	00.05	00.05
			Fe	01.00	01.77
			Mn	00.05	00.04
			Mo	00.0005	00.0001*
			Zn	00.05	00.20

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ESPOMA CO.		MILLVILLE	NJ		
	50998	04-07-10	WIN	01.70	00.99*
			Ca	03.00	04.28
			Mg	00.50	00.72
			SO4	05.00	07.80
			Cu	00.05	00.03*
			Fe	01.00	00.45*
			Mn	00.05	00.05
			Mo	00.0005	00.0001*
			Zn	00.05	00.04*
	50257	04-10-06	WIN	02.00	02.26
			Ca	03.00	05.85
			Mg	00.50	00.76
			SO4	05.00	05.83
			B	00.02	00.02
			Cu	00.05	00.08
			Fe	01.00	01.18
			Mn	00.05	00.08
			Mo	00.0005	00.0004
			Zn	00.05	00.12
	50037	05-03-03	WIN	04.00	03.21*
			Ca	03.00	03.76
			Mg	00.50	00.71
			B	00.02	00.02
			Cu	00.05	00.07
			Fe	01.00	00.37*
			Mn	00.05	00.08
			Mo	00.0005	00.0012
			Zn	00.05	00.09
	50256	05-03-03	WIN	04.00	04.03
			Ca	03.00	03.97
			Mg	00.50	00.89
			SO4	01.00	02.48
			B	00.02	00.01*
			Cu	00.05	00.04*
			Fe	01.00	00.44*
			Mn	00.01	00.07
			Mo	00.0005	00.0006
			Zn	00.05	00.08
	50999	06-06-04	WIN	02.30	01.53*
			Ca	03.00	04.62
			Mg	00.50	00.91
			SO4	05.00	05.79
			B	00.02	00.01*
			Cu	00.05	00.07
			Fe	01.00	00.90
			Mn	00.05	00.08
			Mo	00.0005	00.0001*
			Zn	00.05	00.09
	52857	09-05-04	WIN	03.00	02.63
			Ca	03.00	04.87
			Mg	00.50	00.33
			SO4	05.00	09.94
			B	00.02	00.04
			Cu	00.05	00.17
			Fe	01.00	02.33
			Mn	00.05	00.19
			Mo	00.0005	00.0003
			Zn	00.05	00.29

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
FREE FLOW FERTILIZER CO.		MAUMEE	OH		
	50036	26-04-14	Fe	01.00	01.20
	50619	29-03-04	Fe	01.00	01.62
	50685	29-03-04	Fe	01.00	01.42
	50803	29-03-04	Fe	01.00	01.15
	50995	29-03-04	Fe	01.00	00.90
	51020	29-03-04	Fe	01.00	01.35
	51163	29-03-04	Fe	01.00	01.13
FRIT INDUSTRIES		OZARK	AL		
	51122	00-00-00	Zn	36.00	37.75
GREEN LIGHT		SAN ANTONIO	TX		
	50282	12-55-06	Fe	00.10	00.11
	50338	12-55-06	Fe	00.10	00.13
	51495	12-55-06	Fe	00.10	00.11
	50333	19-06-12	SO4	13.00	14.49
	50799	19-06-12	SO4	13.00	16.23
	52743	19-06-12	SO4	13.00	14.50
GREENLEAF PLANT FOOD		DANVILLE	KY		
	53109	05-15-39	B	00.04	00.04
	53113	11-05-12	Mg	01.20	02.64
			B	00.02	00.02
			Cu	00.02	00.02
			Zn	00.35	00.33
GRIFFIN INDUSTRIES INC.		COLD SPRING	KY		
	50162	05-06-06	WIN	04.25	05.16
			Ca	07.00	09.66
			Mg	02.00	01.83
			SO4	04.00	04.20
	50164	07-01-14	WIN	06.00	07.40
	50165	08-03-05	WIN	06.80	08.22
			Ca	03.00	03.61
			Mg	02.20	02.86
			SO4	04.00	05.55
			Fe	00.10	00.06*
	50166	10-02-08	WIN	08.50	10.08
			Ca	01.80	02.31
			Mg	00.50	00.18*
			SO4	03.00	03.20
	50163	12-02-06	WIN	05.50	06.60
GRO TEC INC.		MADISON	GA		
	53231	06-12-00	WIN	06.00	05.29*

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
GRO TEC INC.		MADISON	GA		
	53230	12-00-00	WIN	11.00	14.78
	50079	18-24-06	B	00.02	00.03
			Cu	00.05	00.02*
			Fe	00.25	01.99
	50095	18-24-06	B	00.02	00.03
			Cu	00.05	00.04
			Fe	00.25	02.00
			Mn	00.10	00.22
			Mo	00.0005	00.0014
			Zn	00.02	00.13
	50155	18-24-06	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.25	02.28
			Mn	00.10	00.17
			Mo	00.0005	00.0013
			Zn	00.10	00.16
	50249	18-24-06	B	00.02	00.03
			Cu	00.05	00.03*
			Fe	00.25	01.42
			Mn	00.10	00.13
			Mo	00.0005	00.0009
			Zn	00.10	00.11
	50347	18-24-06	B	00.02	00.02
			Cu	00.05	00.03*
			Fe	00.25	02.01
			Mn	00.10	00.13
			Mo	00.0005	00.0010
			Zn	00.10	00.09
	50348	18-24-06	B	00.02	00.04
			Cu	00.05	00.07
			Fe	00.25	02.59
			Mn	00.10	00.32
			Mo	00.0005	00.0009
			Zn	00.10	00.19
	50994	28-03-04	Fe	01.00	02.30
	51165	28-03-04	Fe	01.00	00.92
	52559	28-03-04	Fe	01.00	01.77
HELENA CHEMICAL COMPANY		COLLIERVILLE	TN		
	51511	06-20-05	B	00.02	00.06
			Cu	00.05	00.05
			Fe	00.10	00.10
IRONITE PRODUCTS		HUMBOLDT	AZ		
	51011	01-00-00	Ca	02.50	03.94
	50144	07-06-06	B	00.02	00.02
			Fe	00.10	00.14
			Mn	00.05	00.05
			Zn	00.05	00.04*

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
IRONITE PRODUCTS		HUMBOLDT	AZ		
	50894	07-06-06	SO4	00.90	01.08
			B	00.02	00.03
			Fe	00.10	00.39
	50141	12-10-10	SO4	12.00	11.83
			Fe	00.70	01.01
			Zn	00.09	00.16
	50248	12-10-10	SO4	12.00	11.89
			Fe	00.70	01.49
			Zn	00.09	00.20
KNOX FERTILIZER CO., INC.		KNOX	IN		
	50989	15-30-15	Cu	00.05	00.04*
			Fe	00.10	00.10
			Mn	00.05	00.03*
			Zn	00.05	00.03*
	50991	27-03-03	Fe	01.00	01.78
LEBANON SEABOARD		LEBANON	PA		
	52706	08-04-24	WIN	01.60	03.63
			Mg	00.60	02.01
			SO4	09.00	10.98
			Fe	00.50	00.60
			Mn	00.25	00.24
	50260	10-16-20	Mg	01.00	02.10
			SO4	12.00	07.12*
			Fe	01.00	01.26
			Mn	00.50	00.32*
	52705	17-03-17	WIN	05.50	03.25*
			SO4	08.00	09.15
			Fe	00.50	00.46
	52710	18-03-12	WIN	07.60	06.60*
			Mg	01.00	02.97
			SO4	06.00	06.86
			Fe	00.50	00.76
			Mn	00.25	00.26
	50954	18-03-18	WIN	04.50	04.23
			Mg	00.60	01.01
			SO4	07.00	10.61
			Fe	01.00	01.01
			Mn	00.50	00.44*
	52702	20-04-10	WIN	04.80	03.77*
			Fe	00.50	01.34
	52703	21-03-16	WIN	12.70	11.65
			SO4	05.20	05.52
			Fe	00.50	00.85
			Mn	00.70	00.71
	52704	24-03-12	WIN	11.40	10.94
			Mg	00.80	00.75
			SO4	04.00	04.98
			Fe	00.40	00.97

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
LEBANON SEABOARD		LEBANON	PA		
	51166	26-02-08	WIN	07.00	06.00*
			SO4	03.00	04.16
	51177	26-02-08	WIN	07.00	05.71*
			SO4	03.00	03.68
	51632	26-02-08	WIN	07.00	05.84*
			SO4	03.00	03.79
	51635	26-02-08	WIN	07.00	05.29*
			SO4	03.00	03.52
	51994	26-02-08	SO4	03.00	03.15
	50259	30-04-04	WIN	05.20	02.21*
LESCO INC.		CLEVELAND	OH		
	51044	18-24-12	SO4	02.15	02.98
	50028	24-00-11	Fe	02.00	02.13
			Mn	01.00	00.96
			CSRN	10.00	09.98
	51623	24-02-11	Mg	01.00	04.51
			Fe	03.00	01.90*
	50988	24-05-11	Fe	02.00	03.67
			Mn	01.00	00.99
	50029	30-03-07	SO4	02.50	03.04
			Fe	02.00	02.69
			CSRN	25.50	25.85
	50027	32-03-08	CSRN	08.64	09.67
	50216	32-03-08	Fe	00.02	02.82
MARTIN MARIETTA		MANISTEE	MI		
	52843	00-00-00	Mg	58.00	59.64
	53363	00-00-00	Mg	58.00	59.11
MAYSLICK MILL		MAYSLICK	KY		
	52174	02-05-40	B	00.49	00.66
	52172	04-10-41	B	00.86	00.83
	53093	04-10-41	B	00.91	00.79
	52173	22-30-00	B	01.06	01.18
MILES - GLENDALE FARM SVC.		GLENDALE	KY		
	50262	08-20-24	Mg	02.37	02.65
			SO4	04.75	05.34
	50263	08-20-24	Mg	02.37	02.60
			SO4	04.75	05.36
MILES FARM CENTER (CYN)		CYNTHIANA	KY		
	52876	32-00-00	Zn	01.25	01.19
	52877	32-00-00	Zn	01.25	01.24

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MILES FARM CENTER (CYN)		CYNTHIANA	KY		
	52878	32-00-00	Zn	01.25	01.43
MILES FARM CENTER (EKR)		EKRON	KY		
	51698	06-11-37	B	00.50	00.39*
	51704	06-11-37	B	00.51	00.39*
	51702	13-18-26	Mg	00.16	00.44
			B	00.02	00.05
			Cu	00.02	00.08
			Zn	00.49	00.68
MILES FARM CENTER (LEB)		LEBANON	KY		
	52910	07-18-34	Zn	00.25	00.26
MILES FARM CENTER (SHEL)		SHELBYVILLE	KY		
	52094	07-00-44	B	00.22	00.18*
	53212	09-09-18	Mg	00.15	03.71
			B	00.02	00.03
			Cu	00.02	00.03
			Zn	00.44	00.53
	52957	23-00-25	Zn	01.70	01.84
MILES FARM SUPPLY (OWEN)		OWENSBORO	KY		
	50610	00-00-00	S	90.00	91.60
	50445	00-00-22	Mg	11.00	11.63
			SO4	22.00	22.70
	50699	00-45-00	TP	46.00	44.95
	51869	02-00-00	Mg	05.00	06.14
			B	00.75	00.66
			Zn	15.00	15.11
	53259	11-16-21	Mg	00.12	00.86
			B	00.01	00.02
			Cu	00.01	00.01
			Zn	00.37	00.40
	53261	11-16-21	Mg	00.12	00.86
			B	00.01	00.02
			Cu	00.01	00.01
			Zn	00.37	00.34
MILES FARM SUPPLY (UPT)		UPTON	KY		
	51449	02-07-50	B	00.04	00.05
	51450	02-07-50	B	00.04	00.04
	51452	05-13-40	B	00.05	00.04
	53311	20-11-14	Mg	01.22	01.88
			SO4	02.44	08.22

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
MILORGANITE DIV. MMSD		MILWAUKEE	WI		
	50934	06-02-00	WIN	05.25	04.73*
			Ca	01.20	02.26
			Fe	04.00	05.68
MOSAIC CROP NUTRITION, LLC		RIVERVIEW	FL		
	50236	11-36-00	SO4	05.00	05.49
			Zn	01.00	01.40
OLDFIELD, J.A. & SON		MIZE	KY		
	51683	00-20-20	B	00.50	00.45
PADUCAH AG SERVICES		PADUCAH	KY		
	53019	07-17-35	B	00.18	00.19
POORE, C D FERTILIZER		ALBANY	KY		
	51802	08-20-28	B	00.51	00.50
	51373	15-15-15	SO4	04.95	05.64
	51801	16-17-16	SO4	05.45	06.67
	51804	16-17-16	SO4	05.45	06.79
	50579	21-00-00	SO4	24.00	24.73
PURSELL INDUSTRIES		SYLACAUGA	AL		
	50103	12-05-07	B	00.02	00.05
			Cu	00.05	00.14
			Fe	01.00	02.41
			Mn	00.05	00.21
			Mo	00.0005	00.0007
			Zn	00.05	00.27
	50143	12-06-06	B	00.02	00.03
			Cu	00.05	00.08
			Fe	00.25	01.49
			Mn	00.05	00.15
			Mo	00.0005	00.0007
			Zn	00.05	00.13
	50105	12-10-05	Mg	01.50	02.04
			Fe	01.00	01.55
	50072	15-07-07	Fe	02.00	01.39*
	50337	19-06-12	CSRN	19.00	19.18
			CSRP	06.00	06.33
			CSRK	12.00	11.76
	50071	20-27-05	Fe	02.00	02.34
	50060	24-03-10	Fe	02.00	04.45
ROYSTER CLARK (ADA)		ADAIRVILLE	KY		
	52849	10-09-14	Mg	00.82	01.87

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
ROYSTER CLARK (ADA)		ADAIRVILLE	KY		
	52656	11-10-15	Mg	00.87	02.00
	51854	12-24-20	Zn	00.33	00.41
	52655	19-10-10	B	00.10	00.13
			Zn	00.30	00.38
	52850	21-08-08	B	00.09	00.13
			Zn	00.27	00.30
ROYSTER CLARK (COLL)		COLLINSVILLE	IL		
	51861	05-20-20	Ca	02.00	02.84
			Mg	02.00	02.53
			SO4	06.00	07.38
			B	00.20	00.26
			Fe	00.30	00.54
			Zn	00.60	00.66
	51860	06-12-18	Mg	01.00	02.10
			SO4	09.00	14.01
	51571	18-08-00	SO4	16.00	19.93
	51862	18-08-00	SO4	18.00	19.64
			Zn	02.00	02.48
ROYSTER CLARK (FLO)		FLORENCE	AL		
	51832	05-20-20	Mg	02.00	01.93
			SO4	06.00	05.96
			B	00.30	00.30
			Fe	00.30	00.58
			Zn	00.60	00.56
	51836	06-12-18	Mg	01.00	02.27
			SO4	09.00	14.16
	51589	13-13-13	Mg	01.00	01.88
			SO4	09.00	12.83
			B	00.05	00.08
			Mn	00.20	00.31
			Zn	00.20	00.37
	51829	13-13-13	Mg	01.00	01.58
			SO4	09.00	12.55
			B	00.05	00.07
			Mn	00.20	00.20
			Zn	00.20	00.29
ROYSTER CLARK (SED)		SEDALIA	KY		
	50201	07-20-29	Mg	01.32	01.69
			SO4	02.64	03.59
	50202	07-20-29	Mg	01.32	01.72
			SO4	02.64	03.73
	50203	07-20-29	Mg	01.32	01.66
			SO4	02.64	03.55

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
RUSSELLVILLE CROP SERVICE		RUSSELLVILLE	KY		
	50305	07-20-25	Mg	02.29	02.26
			SO4	04.57	04.54
	50313	07-20-25	Mg	02.29	02.93
			SO4	04.57	06.13
	51895	09-24-19	Mg	00.76	01.14
			B	00.04	00.11
			Cu	00.04	00.18
			Zn	02.27	02.60
SCHOCHOH CROP		RUSSELLVILLE	KY		
	52653	12-30-15	SO4	00.75	01.69
			B	00.06	00.07
			Zn	01.25	01.46
SCHULTZ CO.		BRIDGETON	MO		
	51174	02-05-02	Fe	00.10	00.12
			Mn	00.05	00.06
			Zn	00.05	00.06
	51989	02-07-07	Fe	00.10	00.10
			Mn	00.05	00.05
			Zn	00.05	00.06
	50681	05-10-05	Fe	00.10	00.12
	52562	05-10-05	Fe	00.10	00.10
	50811	08-14-09	Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.05
	50895	09-09-06	B	00.02	00.04
			Cu	00.05	00.07
			Fe	00.10	01.02
			Mn	00.10	00.29
			Zn	00.10	00.17
	50810	10-15-10	Fe	00.10	00.14
			Mn	00.05	00.06
			Zn	00.05	00.06
	52519	10-24-10	B	00.02	00.02
			Cu	00.07	00.05*
			Fe	01.10	01.27
			Mn	00.07	00.07
			Mo	00.0005	00.0010
			Zn	00.07	00.14
	53179	12-08-10	B	00.02	00.03
			Cu	00.05	00.05
			Fe	01.00	02.46
			Mn	00.10	00.18
			Mo	00.0005	00.0010
			Zn	00.10	00.18
	53180	14-07-07	B	00.02	00.02
			Cu	00.05	00.04*
			Fe	01.00	02.06
			Mn	00.10	00.17
			Mo	00.0005	00.0008
			Zn	00.10	00.12

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCHULTZ CO.		BRIDGETON	MO		
	52563	14-14-16	Fe	00.30	00.07*
			Mn	00.06	00.01*
	50053	16-12-12	B	00.02	00.03
			Cu	00.05	00.05
			Fe	00.50	01.36
			Mn	00.10	00.18
			Mo	00.0005	00.0011
			Zn	00.10	00.11
	50896	16-12-12	SO4	02.00	03.12
			B	00.02	00.01*
			Fe	00.50	00.83
			Mn	00.10	00.02*
			Mo	00.0005	00.0004
			Zn	00.10	00.01*
	53178	16-12-12	B	00.02	00.03
			Cu	00.05	00.07
			Fe	00.50	02.15
			Mn	00.10	00.18
			Mo	00.0005	00.0008
			Zn	00.10	00.11
	50061	18-06-12	Mg	01.00	03.74
			B	00.02	00.03
			Cu	00.05	00.00*
			Fe	00.15	00.32
			Mn	00.06	00.10
			Mo	00.0070	00.0079
			CSRP	06.00	07.47
			CSRK	12.00	11.30
	50068	18-06-12	Mg	01.00	03.68
			B	00.02	00.03
			Cu	00.05	00.00*
			Fe	00.15	00.31
			Mn	00.06	00.10
			Mo	00.0070	00.0079
			CSRN	18.00	18.44
			CSRP	06.00	07.64
			CSRK	12.00	11.53
	50122	18-06-12	Mg	01.00	03.60
			B	00.02	00.02
			Cu	00.05	00.01*
			Fe	00.15	00.27
			Mn	00.06	00.08
			Mo	00.0070	00.0065
			CSRN	18.00	18.00
			CSRP	06.00	07.02
			CSRK	12.00	10.93*
	51627	19-31-17	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.05
			Mo	00.0005	00.0006
			Zn	00.05	00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCHULTZ CO.		BRIDGETON	MO		
	51990	20-20-20	Zn	00.05	00.06
SCOTTS MIRACLE-GRO PRODUCTS, I		MARYSVILLE	OH		
	50631	07-07-07	B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.10	00.12
			Mn	00.08	00.09
			Zn	00.05	00.06
	50626	08-07-06	Fe	00.10	00.12
	52626	08-07-06	Fe	00.10	00.13
	51733	10-10-10	SO4	04.00	09.44
	53176	10-52-10	B	00.02	00.03
			Cu	00.07	00.08
			Fe	00.15	00.18
			Mn	00.05	00.06
	50627	12-04-08	Fe	00.10	00.12
			Mn	00.05	00.06
			Zn	00.05	00.07
	52625	12-04-08	Fe	00.10	00.12
			Mn	00.05	00.06
			Zn	00.05	00.06
	51624	12-06-12	SO4	14.00	15.71
			Fe	00.10	00.24
			Mn	00.05	00.07
	50328	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.21
			Mn	00.05	00.06
			Mo	00.0005	00.0006
			Zn	00.06	00.07
	50625	15-30-15	B	00.02	00.03
			Cu	00.07	00.09
			Fe	00.15	00.20
			Mn	00.05	00.06
			Mo	00.0005	00.0004
			Zn	00.06	00.07
	52683	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.19
			Mn	00.05	00.06
			Mo	00.0005	00.0004
	53177	18-18-21	Mg	00.50	00.50
			Cu	00.05	00.06
			Fe	00.10	00.12
			Mn	00.05	00.05
			Zn	00.05	00.05
	53175	18-24-16	Cu	00.05	00.06
			Fe	00.10	00.12
			Mn	00.05	00.05
			Zn	00.05	00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SCOTTS SIERRA		MARYSVILLE	OH		
	50327	19-06-12	CSRN	16.00	19.04
			CSRP	05.00	06.37
			CSRK	10.00	12.54
	50628	19-06-12	CSRN	16.00	19.65
			CSRP	05.00	06.78
			CSRK	10.00	12.94
	50632	19-06-12	CSRN	16.00	19.67
			CSRP	05.00	06.34
			CSRK	10.00	13.22
	50084	28-03-03	SO4	11.00	12.24
	50083	29-03-04	SO4	07.00	08.57
			Fe	01.00	01.28
			Mn	00.50	00.61
SPECIALTY FERTILIZER PROD.		BELTON	MO		
	52874	00-00-00	SO4	05.00	10.46
			Zn	36.00	32.07*
SPECTRUM GROUP		ST. LOUIS	MO		
	50077	08-16-08	Fe	00.10	00.20
			Mn	00.05	00.05
			Zn	00.05	00.06
	50797	08-16-08	Fe	00.10	00.10
			Mn	00.05	00.05
	51173	10-10-10	Fe	00.10	00.10
			Mn	00.05	00.05
			Zn	00.05	00.05
	51018	12-05-07	B	00.02	00.03
			Cu	00.05	00.14
			Fe	00.10	02.42
			Mn	00.05	00.22
	53235	12-06-06	B	00.02	00.01*
			Cu	00.05	00.03*
			Fe	00.25	00.79
			Mn	00.05	00.06
			Mo	00.0005	00.0003
			Zn	00.05	00.09
	50101	12-10-05	B	00.02	00.01*
			Cu	00.05	00.06
			Fe	00.10	00.76
			Mn	00.05	00.08
			Mo	00.0005	00.0004
			Zn	00.05	00.34
	50336	14-07-07	B	00.02	00.02
			Cu	00.05	00.17
			Fe	01.00	06.22
			Mn	00.05	00.28
			Mo	00.0005	00.0007
			Zn	00.05	00.55

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPECTRUM GROUP		ST. LOUIS	MO		
	50345	14-07-07	B	00.02	00.01
			Cu	00.05	00.14
			Fe	01.00	06.82
			Mn	00.05	00.24
			Mo	00.0005	00.0007
			Zn	00.05	00.52
	50100	15-05-13	B	00.02	00.01*
			Cu	00.05	00.08
			Fe	01.00	00.81*
			Mn	00.05	00.10
			Mo	00.0005	00.0006
			Zn	00.05	00.25
	51017	16-04-08	B	00.02	00.01*
			Cu	00.05	00.00*
			Fe	01.00	00.45*
			Mn	01.00	00.01*
			Mo	00.0005	00.0002
			Zn	00.05	00.00*
	50078	18-24-10	B	00.02	00.02
			Cu	00.05	00.03*
			Fe	00.10	01.72
			Mn	00.05	00.06
			Mo	00.0005	00.0007
			Zn	00.05	00.06
	51496	18-24-10	B	00.02	00.03
	53255	18-24-10	B	00.02	00.02
			Cu	00.05	00.10
			Fe	00.10	01.03
			Mn	00.05	00.08
			Mo	00.0005	00.0006
			Zn	00.05	00.24
	52747	19-06-12	CSRN	19.00	19.59
			CSRP	06.00	07.64
			CSRK	12.00	11.20
	50042	22-03-14	SO4	01.00	00.79
	50041	22-04-11	SO4	01.00	01.25
	50033	28-03-08	Fe	01.00	01.38
	50058	28-03-08	Fe	01.00	01.48
	50066	28-03-08	Fe	01.00	01.32
	50088	28-03-08	Fe	01.00	01.71
	50093	28-03-08	Fe	01.00	01.72
	52746	28-03-08	Fe	01.00	01.33
	50080	29-02-05	Fe	01.00	01.10
	51626	29-02-05	Fe	01.00	01.48
	53256	29-02-05	Fe	01.00	00.93
	52748	30-10-10	Mg	00.50	00.58
			B	00.02	00.03
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.05
			Mo	00.0005	00.0005
			Zn	00.05	00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SPEED AG SERVICE		HICKMAN	KY		
	51202	08-12-31	SO4	04.15	05.31
			B	00.21	00.18
			Zn	01.18	01.14
	52371	08-21-28	Zn	01.48	01.36
SS (BARD) BARDSTOWN SVC		BARDSTOWN	KY		
	52515	26-19-00	B	01.88	01.97
			Zn	01.50	01.46
	52516	26-19-00	B	01.87	02.09
			Zn	01.50	01.50
	52517	32-15-00	B	01.25	01.47
SS (CADI) CADIZ BR		CADIZ	KY		
	52248	26-13-13	B	00.08	00.10
	52249	26-13-13	B	00.08	00.10
	52250	26-13-13	B	00.09	00.11
	52251	26-13-13	B	00.09	00.06*
	52252	26-13-13	B	00.09	00.11
	52253	26-13-13	B	00.09	00.08
SS (CYN) LEXINGTON COOP-CYN BR		CYNTHIANA	KY		
	52267	31-00-11	Mg	01.86	02.11
	52268	31-00-11	Mg	01.86	01.87
			SO4	03.72	02.95*
			B	00.16	00.19
			Zn	00.56	00.59
	52271	31-00-11	Mg	01.87	02.13
			SO4	03.74	03.88
			B	00.16	00.16
			Zn	00.56	00.53
SS (DANV) COOP BOYLE BR		DANVILLE	KY		
	52948	00-00-57	B	00.57	00.57
	52946	29-00-17	Zn	02.08	01.72*
	52947	29-00-17	Zn	02.08	01.60*
SS (ELKT) RUSS.-TODD BRANCH		ELKTON	KY		
	51186	16-42-00	Zn	03.07	02.63*
SS (EMIN) INC KNTCKANA SVC-HEN		EMINENCE	KY		
	53061	09-25-26	B	00.19	00.16
SS (FLEM) FLEMINGSBURG		FLEMINGSBURG	KY		
	52134	08-11-36	B	00.43	00.42

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (FRAN) SIMPSON COOP		FRANKLIN	KY		
	51850	30-11-10	Zn	00.49	00.60
SS (GEOR) GEORGETOWN COOP		GEORGETOWN	KY		
	52771	25-07-10	Mg	02.75	02.84
			SO4	05.50	05.74
	52774	25-07-10	Mg	02.75	03.08
			SO4	05.50	06.31
	52779	25-07-10	Mg	02.75	03.14
	52776	31-04-13	Zn	01.17	01.33
SS (GLAS) GLASGOW COOP		GLASGOW	KY		
	51055	06-16-36	B	00.45	00.43
SS (HARR) CNTRL KY SVC		HARRODSBURG	KY		
	52937	00-00-43	B	00.91	00.84
	53145	00-00-55	B	00.78	00.84
SS (HODG) HARDIN COOP HODG BR		HODGENVILLE	KY		
	51225	00-19-32	B	00.43	00.39
SS (HORS) HORSE CAVE COOP		HORSE CAVE	KY		
	52845	15-06-19	Mg	01.33	02.03
			SO4	02.67	09.44
	52846	15-06-20	Mg	01.33	01.83
			SO4	02.67	09.64
	52842	16-04-18	Mg	01.71	02.42
			SO4	03.41	09.89
			Zn	00.11	00.12
	51077	18-25-13	B	00.16	00.14
	51079	18-25-13	B	00.16	00.18
SS (LEBA) LEBANON SVC		LEBANON	KY		
	52053	10-13-22	B	02.87	02.77
	52060	26-17-11	Zn	00.23	00.14*
SS (LEIT) LEITCHFIELD COOP		LEITCHFIELD	KY		
	51978	09-25-24	B	00.62	00.53
SS (LEXI) LEXINGTON COOP		LEXINGTON	KY		
	53138	15-06-22	Mg	00.83	01.21
			SO4	01.66	09.28
			Zn	00.11	00.12

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (MAYS) MAYSVILLE COOP		MAYSVILLE	KY		
	52537	00-06-49	B	00.54	00.43*
	51343	00-10-42	B	00.47	00.42
	52538	06-16-37	B	00.25	00.21
	52539	06-16-37	B	00.27	00.24
SS (MURR) CALLOWAY SVC		MURRAY	KY		
	51838	08-21-28	Mg	01.78	02.13
			Zn	00.56	00.47*
	51839	08-21-28	Mg	01.78	02.34
			Zn	00.56	00.41*
SS (OWEN) COOP OWENSBORO		OWENSBORO	KY		
	51270	08-21-28	Zn	01.03	01.13
SS (OWEN) OWENTON COOP, INC		OWENTON	KY		
	52871	01-04-14	B	00.11	00.09
SS (RICH) COOP INC FERT DIV		RICHMOND	VA		
	51543	00-00-22	Mg	11.00	11.63
			SO4	22.00	22.36
	51551	00-00-22	Mg	11.00	11.67
			SO4	22.00	22.55
	51608	00-00-22	Mg	11.00	11.76
			SO4	22.00	22.80
	52841	00-00-22	Mg	11.00	12.76
			SO4	22.00	22.61
	50693	00-45-00	TP	46.00	44.72
	52665	05-10-15	Mg	01.00	03.60
			B	00.02	00.03
			Cu	00.05	00.07
			Fe	00.10	00.69
			Mn	00.15	00.08*
			Zn	00.05	00.13
	50732	21-00-00	SO4	22.00	24.25
	51606	21-00-00	SO4	24.00	24.28
	53366	37-00-00	SO4	08.00	08.77
SS (SHEL) SHELBYVILLE COOP		SHELBYVILLE	KY		
	52091	02-00-53	B	00.71	00.61
	52290	08-20-31	B	00.31	00.27
SS (SPRI) LEBANON-SPRINGFIELD		SPRINGFIELD	KY		
	52916	25-00-14	Zn	00.52	00.64

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SS (STAN) STANFORD SVC		STANFORD	KY		
	51720	06-00-48	B	00.61	00.58
	51722	06-17-33	B	00.94	00.92
SS (WARS) GALLATIN SVC		WARSAW	KY		
	53037	00-00-57	B	00.71	00.66
SS (WINC) COOP, INC.		WINCHESTER	KY		
	51759	00-10-30	B	00.45	00.27*
	52646	00-10-30	B	00.45	00.30*
SUN BULB COMPANY, INC.		ARCADIA	FL		
	50800	20-14-13	Mg	01.00	01.25
			B	00.02	00.04
			Cu	00.05	00.04
			Fe	00.20	00.18
			Mn	00.05	00.06
			Mo	00.0005	00.0029
			Zn	00.05	00.06
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	50688	15-30-15	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.15	00.37
			Mn	00.05	00.05
	50806	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.20
			Mn	00.05	00.06
			Mo	00.0005	00.0009
			Zn	00.06	00.07
	50992	15-30-15	B	00.02	00.02
			Cu	00.07	00.10
			Fe	00.15	00.22
			Mn	00.05	00.06
			Mo	00.0005	00.0009
			Zn	00.06	00.08
	50996	15-30-15	B	00.02	00.02
			Cu	00.07	00.10
			Fe	00.15	00.21
			Mn	00.05	00.06
			Mo	00.0005	00.0008
			Zn	00.06	00.08
	51503	15-30-15	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.20
			Mn	00.05	00.06
			Mo	00.0005	00.0011
			Zn	00.06	00.07

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
SWISS FARMS PRODUCTS, INC.		LAS VEGAS	NV		
	51735	15-30-15	B	00.02	00.03
			Cu	00.07	00.15
			Fe	00.15	00.18
			Mn	00.05	00.09
			Mo	00.0005	00.0003
			Zn	00.06	00.03*
	50807	18-18-21	Mg	00.50	00.51
			Cu	00.05	00.05
			Fe	00.10	00.14
			Mn	00.05	00.04
			Zn	00.05	00.05
	51734	18-24-16	Mn	00.05	00.06
			Zn	00.05	00.06
	50687	30-10-10	B	00.02	00.03
			Cu	00.07	00.07
			Fe	00.33	00.39
			Mn	00.05	00.05
			Mo	00.0005	00.0005
			Zn	00.07	00.09
	53131	30-10-10	B	00.02	00.03
			Cu	00.07	00.13
			Fe	00.33	00.41
			Mn	00.05	00.07
			Mo	00.0005	00.0007
			Zn	00.07	00.11
T AND N, INC		FORISTELL	MO		
	50320	12-22-10	Fe	00.70	01.42
	51873	12-22-10	Fe	00.70	01.38
	53257	16-08-05	Fe	02.00	01.89
TENNESSEE FARMERS COOP		LAVERGNE	TN		
	52630	13-13-13	Mg	01.00	01.94
			SO4	09.00	09.79
			B	00.50	00.07*
			Mn	00.20	00.37
			Zn	00.20	00.24
THE SCOTTS CO.		MARYSVILLE	OH		
	50620	20-27-05	WIN	00.60	00.34
	51622	20-27-05	WIN	00.60	00.50
	50056	22-03-14	WIN	00.60	00.25
			SO4	10.00	12.59
	50063	22-03-14	WIN	00.60	00.27
			SO4	10.00	12.86
	50067	22-03-14	WIN	00.60	00.30
			SO4	10.00	12.89

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE SCOTTS CO.		MARYSVILLE	OH		
	50070	22-03-14	WIN	00.60	00.22*
			SO4	10.00	13.19
	50085	22-03-14	SO4	10.00	12.67
	50118	22-03-14	SO4	10.00	12.81
	50119	22-04-11	SO4	12.00	13.33
	50038	24-03-12	WIN	00.70	00.31*
	51013	28-03-03	WIN	00.70	00.46
			SO4	10.00	11.31
	52680	28-03-03	WIN	00.70	00.33
			SO4	10.00	11.71
	52682	28-03-03	WIN	00.70	00.29*
			SO4	10.00	11.68
	52742	28-03-03	WIN	00.80	00.46
			SO4	11.00	10.90
	52827	28-03-03	WIN	00.70	00.34
	52830	28-03-03	WIN	00.70	00.37
	53021	28-03-03	SO4	10.00	11.58
	50617	29-03-04	WIN	00.90	00.56
			SO4	07.00	09.26
			Fe	01.00	01.31
			Mn	00.20	00.72
	50623	29-03-04	Fe	02.00	02.55
	50677	29-03-04	WIN	00.90	00.48*
			SO4	07.00	09.02
			Fe	01.00	01.45
			Mn	00.20	00.64
	50684	29-03-04	WIN	00.90	00.44*
			Fe	01.00	01.45
			Mn	00.20	00.54
	51014	29-03-04	WIN	00.90	00.44*
			SO4	07.00	09.31
			Fe	01.00	01.40
			Mn	00.50	00.77
	51164	29-03-04	WIN	00.90	00.38*
			SO4	07.00	09.37
			Fe	01.00	01.26
			Mn	00.50	00.53
	51625	29-03-04	WIN	00.90	00.69
			SO4	01.00	07.80
			Fe	01.00	01.30
			Mn	00.50	00.68
	52740	29-03-04	WIN	00.90	00.42*
			SO4	07.00	09.58
			Fe	01.00	01.24
			Mn	00.50	00.51
	51505	30-03-04	WIN	00.90	00.57
			SO4	08.50	08.57
	51633	30-03-04	WIN	00.90	00.53
			SO4	08.50	08.43
	51634	30-03-04	WIN	00.90	00.60
			SO4	08.50	08.52

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
THE SCOTTS CO.		MARYSVILLE	OH		
	51636	30-03-04	WIN	00.90	00.58
			SO4	08.50	08.68
	51639	30-03-04	WIN	00.90	00.53
			SO4	08.50	08.54
	52741	30-03-04	WIN	00.90	00.46*
			SO4	08.50	09.18
	50283	31-03-09	Fe	02.00	02.17
TIGER-SUL PRODUCTS, LLC		ATMORE	AL		
	51332	00-00-00	S	90.00	92.92
	51549	00-00-00	S	90.00	93.10
	51851	00-00-00	S	90.00	90.32
	52766	00-00-00	S	90.00	89.58
	52844	00-00-00	S	90.00	89.03
	53050	00-00-00	S	90.00	89.55
TRACE CHEM INC.		PEKIN	IL		
	53222	00-00-00	Mo	02.5000	02.1541
TRI COUNTY FERT.		RICHMOND	KY		
	53291	33-14-00	Zn	00.88	01.23
	53292	33-14-00	Zn	00.88	01.17
	53293	33-14-00	Zn	00.88	00.80
U.S. BORAX INC.		VALENCIA	CA		
	51706	00-00-00	B	15.00	14.29
UNCO INDUSTRIES INC.		RACINE	WI		
	50287	01-00-00	Ca	01.00	02.00
			Fe	00.20	01.21
WARNER FERT CO. (ALBA)		ALBANY	KY		
	51791	05-24-24	B	00.67	00.78
WARNER FERT CO. (CAMP)		CAMPBELLSVILLE	KY		
	52899	20-17-18	Zn	00.29	00.32
	52903	20-17-18	Zn	00.29	00.33
	52904	20-17-18	Zn	00.27	00.35
WARNER FERT CO. (MONT)		MONTICELLO	KY		
	51251	00-22-22	B	00.84	00.83

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUAR %	FOUND %
WARNER FERT CO. (NAN)		NANCY	KY		
	53127	33-07-09	Zn	00.29	00.38
WARNER FERT CO. (STANF)		STANFORD	KY		
	51713	05-25-25	B	00.45	00.44

TABLE 3 COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30, 2005

ACADIAN SEAPLANTS 30 BROWN AVE. NOVA SCOTIA, CN B3B18	ACCESS BUSINESS GROUP, LLC 7575 E. FULTON RD. ADA, MI 49355	ACE HARDWARE (OAK) P.O. BOX 4883 OAK BROOK, IL 46350
ADVANCED TURF SOLUTIONS, INC 12840 FORD DRIVE FISHERS, IN 46038	AG CONCEPTS CORP 410 S. ORCHARD STREET STE. 116 BOISE, ID 83705	AG DISTRIBUTORS, INC. P.O. BOX 90366 6615 ROBERTSON AVE NASHVILLE, TN 37209
AG ORG, INC 2476 BOLSOVER # 357 HOUSTON, TX 77005	AG/GRO FERTILIZER CO. 303 HILL ST. WINCHESTER, KY 40391	AG/GRO FERTILIZER CO. PENDLETON ST. WINCHESTER, KY 40391
AGGRENE CORP. 925 TOWER AVE. SUPERIOR, WI 54880	AGQUEST P.O. BOX 116 DRY RIDGE, KY 41035-0366	AGRI-BUSINESS TECH, INC 1102 THIRD AVENUE ALBANY, GA 31707
AGRI-CHEM, INC (BARD) HIGHWAY 51 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 TRENTON, KY 42286	AGRI-ENERGY RESOURCES RR 2, BOX 113 PRINCETON, IL 61356-0366
AGRIGRO FARM CTR, INC P.O. BOX 143 HARTFORD, KY 42347	AGRILIANCE P.O. BOX 64089 ST. PAUL, MN 55164-0089	AGRIPORT TERMINAL 1127 PORT AUTHORITY RD. EDDYVILLE, KY 42038
AGRIUM U.S. INC. (DENV) 4582 S. ULSTER ST. DENVER, CO 80237	AGRIUM U.S. INC. (FRES) P.O. BOX 1168 3705 W. BEECHWOOD FRESNO, CA 93711	AGRIUM U.S. INC. (REESE) 2405 W VASSAR RD REESE, MI 48757-9340
AGRO CULTURE LIQUID FERT. P.O. BOX 150 3026 WM-21 ST. JOHNS, MI 48879	AGRO DISTRIBUTION P.O. BOX 171376 MEMPHIS, TN 38187	AGRO DISTRIBUTION, LLC P.O. BOX 459 HARDINSBURG, KY 40143
AGRO DISTRIBUTION, LLC C/O AGRILIANCE P.O. BOX 64089 ST. PAUL, MN 55164-0089	AGRO DISTRIBUTORS 1675 US HWY. 60W PO BOX 568 MORGANFIELD, KY 42437	AGXPLORE INT'L LLC PMB #166 2128 WILLIAM STREET CAPE GIRARDEAU, MO 63703
AH HOFFMAN, INC P.O. BOX 290 LANCASTER, NY 14086	AH HOFFMAN, INC 167 GREENFIELD LANCASTER, NY 14086	AIR PRODUCTS & CHEMICALS 4575 HWY. 90 EAST PACE, FL 32571
ALASKA FISH FERT. CO. P.O. BOX 737 RENTON, WA 98057	ALL PLANT LIQUID PLANT FOOD 821 ST RT 522 N RD 3 ASHLAND, OH 44805	ALLEN CO. FARMERS 512 SMITHS GROVE RD. SCOTTSVILLE, KY 42164
ALLEN CO. FEED/SEED 301 S. 4TH ST. SCOTTSVILLE, KY 42164	ALLENSVILLE CROP SVC. 7645 ALLENSVILLE RD. ALLENSVILLE, KY 42204	ALLJACK, DIV OF UNITED IND. P.O. BOX 142642 ST. LOUIS, MO 63114-0642
ALLTECH, INC. 3031 CATNIP HILL PIKE NICHOLASVILLE, KY 40356	AMERICAN PLANT FOOD P.O. BOX 410042 CREVE COEUR, MO 63141	AMSOIL, INC. 925 TOWER AVE. SUPERIOR, WI 54880
AMTurf LLC 833 W LINCOLN HWY STE. 450 E SCHERERVILLE, IN 46375	ANDERSON CO FARM SVC 145 HAWKINS LAWRENCEBURG, KY 40342	AQUARIUM PHARMACEUTICALS, INC 50 E HAMILTON STREET CHALFONT, PA 18914

TABLE 3 (Continued)

ASB GREENWORLD P.O. BOX 1728 VALDOSTA, GA 31603-1728	BALLARD COUNTY COOP PO BOX 329 STE. 600 LACENTER, KY 42056	BANDANA AG INC. P.O. BOX 88 BANDANA, KY 42022
BARENBRUG USA, INC P.O. BOX 239 TANGENT, OR 97389	BARKY BEAVER MULCH, INC. RT1, BOX 84 3856 CLAY COUNTY RD. MOSS, TN 38575	BARREN METCALFE SUPPLY LLC 8202 SULPHUR WELL- KNOBLICK RD. KNOBLICK, KY 42154
BAYER ADVANCED LLC CROP SC 31 INVERNESS CENTER PKWY STE. 425 BIRMINGHAM, AL 35242	BAYER ADVANCED, LLC P.O. BOX 12014 RESEARCH TRIANGLE PK, NC 27709	BAYER ADVANCED-B U OF BAY. 95 CHESTNUT RIDGE ROAD MONTVALE, NJ 07645
BAYER ENVIRONMENTAL SCIENCE 95 CHESTNUT RIDGE ROAD MONTVALE, NJ 07645	BBL SCIENCES 4555 LAKE FOREST DR. STE. 650 CINCINNATI, OH 45242	BEATY FERTILIZER P.O. BOX 2878 CLEVELAND, TN 37320-2878
BECKER-UNDERWOOD, INC. 801 DAYTON AVE. AMES, IA 50010	BECKETT CORPORATION 5931 W. CAMPUS CIRCLE DR IRVING, TX 75063	BENICK BRANDS 2377 MAIN STREET GLASTONBURY, CT 06033
BIAGRO WESTERN SALES 35801 RD. 132 VISALIA, CA 93292	BICKETT AGRI CTR. 10391 ST. RT 175-N CENTRAL CITY, KY 42330	BICKETT AGRI CTR. 9921 STATE RD. 56-EAST MORGANFIELD, KY 42437
BIG RIVERS AGRI SUPPLY P.O. BOX 22879 OWENSBORO, KY 42304	BIG RIVERS ZINC CORPORATION 2401 MISSISSIPPI AVE SAUGET, IL 62201	BIOZ AGRI PRODUCTS INC RR #1 9551-306TH AVE OLIVER BC, CN V0H IT0
BLACK GOLD P. O. BOX 190 OXFORD, FL 34484	BLOOMFIELD FERT/CHEM 100 DEPOT STREET P.O. BOX 370 BLOOMFIELD, KY 40008-0370	BLUE SEAL FEEDS, INC P.O. BOX 8000 LONDONDERRY, NH 03053
BLUEGRASS SEED/FERT INC. 3345 BLOOMFIELD RD. BARDSTOWN, KY 40004	BONIDE PRODUCTS, INC. 6301 SUTLIFF ROAD ORISKANY, NY 13424	BOYD FARM CTR. 222 E. PRINCETON CROFTON, KY 42217
BRANDT CONSOLIDATED P.O. BOX 277 PLEASANT PLAINS, IL 62677	BRING IT ON OUTDOORS, INC 740 KETTLE LANE MOSINEE, WI 54455	BRYANT, OTIS & SON P.O. BOX 148 CANEYVILLE, KY 42721
BUNTON SEED CO. (GLAS) 939 E. JEFFERSON ST. LOUISVILLE, KY 40206	BURKESVILLE FERTILIZER CO. (BURK) 160 GARMON FERRY ST. BURKESVILLE, KY 42717	BURKESVILLE FERTILIZER CO. 242 NOBOB ROAD HWY. 839 GLASGOW, KY 42141
C F FARM SUPPLY, INC. P.O. BOX 88 HISEVILLE, KY 42152	C F GROUP 2722 HWY. 3A PROVINCE, BC, CN V1L 6L6	C F INDUSTRIES SALEM LAKE DRIVE LONG GROVE, IL 60047
CAMERON CHEMICALS, INC. #5 BEECHWOOD COURT PORTSMOUTH, VA 23704	CAMPBELLSVILLE CROP SVC. P.O. BOX 7 CAMPBELLSVILLE, KY 42719	CANTON MILLS, INC P.O. BOX 97 MINNESOTA CITY, MN 55959
CARGILL P.O. BOX 5606 MINNEAPOLIS, MN 55440	CAROLINA SOIL CO. P.O. BOX 1140 KINSTON, NC 28503	CASH VARIETY STORE 6205 HOLY CROSS RD. LORETTO, KY 40037
CAYCE THOMAS FARM SUPP. 3069 HWY. 1272 PRINCETON, KY 42445	CECILIA FARM SVC INC. P.O. BOX 7 CECILIA, KY 42724	CEN FARMERS SUP. OF GREEN 901 COLUMBIA HIGHWAY GREENSBURG, KY 42743

TABLE 3 (Continued)

CENTRAL FIBER CORP. 4814 FIBER LANE RD. WELLSVILLE, KS 66092	CERES ENVIRO. SOLUTIONS IND, INC 208 JOSEPH CARRIER VAUDREUIL, QUEBEC, CN J7V 5V5	CHEM ONE LTD 8017 PINEMONT DR. STE. 100 HOUSTON, TX 77040
CHEMSICO, DIV OF UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114	CHEROKEE NITROGEN 1080 INDUSTRIAL DRIVE P.O. BOX 250 CHEROKEE, AL 35616	CIBA SPECIALTY CHEMICALS CORP P.O. BOX 820 2301 WILROY ROAD SUFFOLK, VA 23439-0820
CIBA-GEIGY CORP. P.O. BOX 18300 GREENSBORO, NC 27419	CLARKS GROCERY 6911 HWY. 779 ROCKHOLD, KY 40759	CLEARY CHEMICAL CORPORATION 178 RIDGE ROAD DAYTON, NJ 08810
CLEMENTS AG SUPP. P.O. BOX 347 SPRINGFIELD, KY 40069	COFFEYVILLE RESOURCES NITROGEN FERT 10 E. CAMBRIDGE CIRCLE KANSAS CITY, KS 66103	CONKLIN CO., INC. 551 VALLEY PARK DRIVE P.O. BOX 155 SHAKOPEE, MN 55379-0155
CONRAD FAFARD PO BOX 790 AGAWAM, MA 01001	CORBIN FARM/GARDEN CTR. P.O. BOX 1187 1205 MASTERS STREET CORBIN, KY 40701	CRITTENDEN FARM SUPP. 312 W. GUM ST. MARION, KY 42064
CROP PRODUCTION SVC INC (CAD) P.O. BOX 1279 CADIZ, KY 42211	CROP PRODUCTION SVC INC (CLA) P.O. BOX 8 CLARKSON, KY 42726	CROP PRODUCTION SVC INC (CLA) 8381 SR 132-W CLAY, KY 42404-2167
CROP PRODUCTION SVC INC (FRE) 3705 BEECHWOOD AVE. FRESNO, CA 93711	CROP PRODUCTION SVC INC (GAL) 2084 WINDISH GALESBURG, IL 61402-1467	CROP PRODUCTION SVC INC (HEN) 1229 OUTER 5TH ST. HENDERSON, KY 42420
CROP PRODUCTION SVC INC (HOD) P.O. BOX 147 HODGENVILLE, KY 42748	CROP PRODUCTION SVC INC (HOR) 6495 S. JACKSON HWY. HORSECAVE, KY 42749	CROP PRODUCTION SVC INC (MAD) P.O. BOX 506 MADISONVILLE, KY 42431
CROP PRODUCTION SVC INC (MOR) 4770 US HWY. 60 WEST MORGANFIELD, KY 42437	CROP PRODUCTION SVC INC (PEM) P.O. BOX 129 PEMBROKE, KY 42266	CROP PRODUCTION SVC INC (POO) 95 BAKER AVE. PO BOX 110 POOLE, KY 42444
CROP PRODUCTION SVC INC (RUS) P.O. BOX 777 RUSSELLVILLE, KY 42276	CROP PRODUCTION SVC INC (SLA) P.O. BOX 38 SLAUGHTERS, KY 42456	CROP PRODUCTION SVC INC (WAV) 4630 US HWY. 60-E WAVERLY, KY 42462
CROWN TECHNOLOGY, INC. 7513 E. 96TH ST. INDIANAPOLIS, IN 46256	CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN, KY 42729	DABNEY FEED SUPP 6075 HWY. 70 BRODHEAD, KY 40409
DABNEY FEED SUPP 5215 HWY 150 BRODHEAD, KY 40409	DABNEY FEED SUPP 6951 HWY. 39 SOMERSET, KY 42503	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	DELTAG PO BOX 4812 GREENVILLE, MS 38704	DOMESTIC FERTILIZER INC. 1750 SEVENTEENTH ST. PARIS, KY 40361
DRAGON CHEMICAL CORP P.O. BOX 7311 ROANOKE, VA 24019	DRAKES FARM SVC. LOGAN SPORT ROAD P.O. BOX 308 MORGANTOWN, KY 42261-0308	DRAMM CORPORATION 2000 N 18TH STREET P.O. BOX 1960 MANITOWOC, WI 54220
DREXEL CHEMICAL CO. P.O. BOX 13327 MEMPHIS, TN 38113-0327	DUNN'S FISH FARMS OF AR, INC P.O. BOX 85 FITTS TOWN, OK 74842	EASY GARDNER P.O. BOX 21025 WACO, TX 76702-1025

TABLE 3 (Continued)

EDEN BIOSCIENCE CORP 111 CATHEDRAL STREET ANNAPOLIS, MD 21401	EDEN BIOSCIENCE CORP 3830 MONTE VILLA PKWY BOTHELL, WA 98021	EL DORADO CHEMICAL COMPANY 1950 ALPHA DRIVE STE. 100 ROCKWALL, TX 75087
ELKTON CROP SVC. 4050 GUTHRIE RD. GUTHRIE, KY 42234	EMERALD ISLE 2153 NEWPORT RD. ANN ARBOR, MI 48103	ENCAP, LLC 3921 ALGOMA ROAD GREEN BAY, WI 54311-9707
ENVIRO SAFE LABS 17455 SW 157 AVE. MIAMI, FL 33187	ENVIRO-SAFE LABS, INC 1579 BARBER ROAD SARASOTA, FL 34240	ESPOMA CO. 6 ESPOMA RD. MILLVILLE, NJ 08332
EVERGREEN LIQUID PLANT 790 ST. CHARLES ST. W R.R. #1 BRESLAU, ON, CN NOB IMO	EXCEL MARKETING INC WALNUT CREEK, CA 94597	FAIRPLAY FERTILIZER 1425 GLENSFORK ROAD GLENSFORK, KY 42741
FARM FOR PROF RES. 4345 HWY. 21 EMBARRASS, MN 55732	FARMERS CO-OP MIDWAY 4075 US 641 SOUTH MURRAY, KY 42071	FARMERS FERTILIZER CO. 5619 OLD NASHVILLE RD. LOOP 2 BOWLING GREEN, KY 42101
FARMERS FERTILIZER CO. 739 KELLEY RD. BOWLING GREEN, KY 42101	FARMERS FERTILIZER CO. 150 SUNSET AVE. P.O. BOX 127 SMITHS GROVE, KY 42171	FARMERS GIN CO. P.O. BOX 295 CLINTON, KY 42031
FARMERS LIME CO. HWY. 45-E SOUTH FULTON, TN 38257	FARMERS MFG CO INC. 5635 LOOP RD. DORSEY, IL 62021	FARNAM CO. 301 W. OSBORN RD. PHOENIX, AZ 85013
FELTY CROP SVC. 230 E. FIRST BEAVER DAM, KY 42320	FERTIGATION PRODUCTS & SVC, INC 114 GLADIATOR ROAD DOUGLAS, GA 31533	FLEMING CO FARM SUPP. 1724 MAYSVILLE ROAD FLEMINGSBURG, KY 41041
FLORATINE PROD. 475 E. SOUTH STREET STE. 112 COLLIERVILLE, TN 38017-2770	FLORISTS TRANSWORLD DELIVERY 3113 WOODCREEK DRIVE DOWNERS GROVE, IL 60515	FRANKLIN CROP SVC. 2169 SPRINGFIELD RD. FRANKLIN, KY 42134
FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE, OH 43537	FRIT INDUSTRIES P.O. BOX 1589 OZARK, AL 36361	GAMALIEL BULK FERT. 701 E. MAIN ST. GAMALIEL, KY 42140
GARICK 13600 BROADWAY AVENUE CLEVELAND, OH 44125	GENERAL HYDROPONICS PO BOX 1576 SEBASTOPOL, CA 95473	GILES CHEMICAL CORP 102 COMMERCE STREET WAYNESVILLE, NC 28786
GLOBAL STONE CORPORATION P.O. BOX 739 BUCHANAN, VA 24066	GOOD EARTH HORTICULTURE, INC P.O. BOX 266 LANCASTER, NY 14086	GRAIN PROCESSING CORPORATION 1600 OREGON STREET MUSCATINE, IA 52761
GRANT CO FARM SUPP. P.O. BOX 116 DRY RIDGE, KY 41035	GRAVES CO SOIL ASSOC. 521 S 16TH STREET MAYFIELD, KY 42066	GREAT SALT LAKE MINERALS P.O. BOX 1190 OGDEN, UT 84402
GREEN CHARGER FERT CORP. P.O. BOX 26234 RICHMOND, VA 23260	GREEN COUNTRY SOIL 8500 S. 620 ROAD MIAMI, OK 74354	GREEN HAGSTROM 7767 FERNVALE RD. PO BOX 658 FAIRVIEW, TN 37062
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 THUMB ORGANICS P.O. BOX 236 LAPORTE, IN 46352

TABLE 3 (Continued)

GREEN THUMB ORGANICS, INC
P.O. BOX 640
AVILLA, IN 46710

GREENVIEW DIV- LEBANON SEABOARD CO
1600 E. CUMBERLAND ST.
LEBANON, PA 17042

GRIGG BROTHERS
P.O. BOX 128
ALBION, ID 83311

GROWMARK INC.
1701 TOWANDA AVE.
BLOOMINGTON, IL 61702

HARDINSBURG FARM SUPP
RT. 1, BOX 138
HARNED, KY 40144

HARVEY PRODUCTS, INC
2080 MCKIMBER STREET
HARVEY, IA 50119

HELENA CHEMICAL
P.O. BOX 366
SPRINGFIELD, KY 40069

HELM FERTILIZER
10150 HIGHLAND MANOR DR.
SUITE 230
TAMPA, FL 33610

HONEY CREST FARMS
8868 LEE LANE
BENTONVILLE, AR 727129414

HOWARD JOHNSON'S ENT, INC
305 RAILROAD AVE
VIROQUA, WI 54665

HYDRO AGRI N. AMERICA
100 N. TAMPA ST.
STE. 3200
TAMPA, FL 33602

IMC USA
P O BOX 2000
ATTN: ADA LAVIN
MULBERRY, FL 33860-1100

J. R. SIMPLOT COMPANY (LATH)
16777 HOWLAND RD
PO BOX 198
LATHROP, CA 95330

JEFFERSONVILLE RIVER TERMINAL
5130 PORT ROAD
JEFFERSONVILLE, IN 47130

JRM CHEMICAL
4881 NEO PKWY.
CLEVELAND, OH 44128

GREENLEAF PLANT FOOD
P.O. BOX 113
410 VAKSDAHL AVENUE
DANVILLE, KY 40423

GRIFFIN INDUSTRIES INC.
4221 ALEXANDRIA PIKE
COLD SPRING, KY 41076-1821

GRO TEC INC.
P.O. BOX 290
MADISON, GA 30650-1821

GUSTAFSON LLC
1400 PRESTON ROAD
STE. 400
PLANO, TX 75093

HARRELL'S INC
P.O. BOX 807
LAKE LAND, FL 33815

HEARTLAND FERTILIZER COMPANY
P.O. BOX 877
PALMETTO, FL 34220

HELENA CHEMICAL CO.
3500 ST RT 1099
HICKMAN, KY 42050

HENRY FARMERS COOP
P.O. BOX 1058
PARIS, TN 38242

HONEYWELL
P.O. BOX 1559
HOPEWELL, VA 23860

HOWARD JOHNSONS INC.
700 W. VIRGINIA ST.
STE. 222
MILWAUKEE, WI 53204

HYPONEX CORP.
14111 SCOTTS LAWN RD.
MARYSVILLE, OH 43041

IMC USA INC
100 S. SAUNDERS ROAD
SUITE 300
LAKE FOREST, IL 60045

J.R. SIMPLOT COMPANY (BOI)
P.O. BOX 27
BOISE, ID 83707

JEFFY PRODUCTS OF AMERICA
600 INDUSTRIAL PKWY
NORWALK, OH 44857

JUNGLE LABORATORIES
P.O. BOX 630
CIBOLO, TX 78108-0630

GREENLEAF PRODUCTS
P.O. BOX 317
HAINES CITY, FL 33845

GRIFFIN INDUSTRIES INC.
P.O. BOX 2007
HENDERSON, KY 42419-2007

GROWERS CHEMICAL CORP.
LOCKWOOD RD.
P.O. BOX 1750
MILAN, OH 44846

HANCOCK COUNTY FARM
P.O. BOX 95
HAWESVILLE, KY 42348

HARVEY PRODUCTS, INC
P.O. BOX 63
BLUE MOUNDS, WI 53517

HELENA CHEMICAL
115-G BELTON DRIVE
SPARTANBURG, SC 29301

HELENA CHEMICAL COMPANY
225 SCHILLING BLVD.
SUITE 300
COLLIERVILLE, TN 38017

HINTON, FRANK & SON
P.O. BOX 10
PLUMMERS LANDING, KY 41081

HOWARD JOHNSON'S ENT, INC
1301 INDUSTRIAL DRIVE
NEOSHO, MO 64850

HYDRAFEED, INC
P.O. BOX 2328
ORINDA, CA 94563

IMC PHOSPHATES CO
100 S. SAUNDERS ROAD
SUITE 300
LAKE FOREST, IL 60045

IRONITE PRODUCTS
P.O. BOX 218
HUMBOLDT, AZ 86329

JANES FERT/FARM
4540 EDMONTON RD.
COLUMBIA, KY 42728

JONATHAN GREEN & SONS
P.O. BOX 326
FARMINGDALE, NJ 07727

KEES FARM SVC .
P.O. BOX 901
GRAYSON, KY 41143

TABLE 3 (Continued)

KELLY PRODUCTS INC 10115 HWY 142, N COVINGTON, GA 30014	KENTUCKY FERT. WORKS 303 HILL STREET WINCHESTER, KY 40391	KIPLING FARM 9707 OLD HARTFORD ROAD UTICA, KY 42376
KNOX FERTILIZER CO., INC. P.O. BOX 248 W. CULVER ROAD KNOX, IN 46534	KOCH CELLULOSE LLC 501 GLOUCESTER STREET STE. 100 BRUNSWICK, GA 31520	KOCH NITROGEN COMPANY 502 EAST HOSLER ROAD HUNTINGTON, IN 46750
KOCH NITROGEN COMPANY 5051 EAST COUNTY ROAD 000N MATTOON, IL 61938	KOCH NITROGEN COMPANY P.O. BOX 1028 TAFT, LA 70057	KOCH NITROGEN COMPANY P.O. BOX 2900 4111 EAST 37TH STREET NORTH WICHITA, KS 67220
KOCH NITROGEN INT'L SARL P.O. BOX 2219 WICHITA, KS 62701-2219	LAWN AND GARDEN PRODUCTS, INC P O BOX 35000 FRESNO, CA 93745	LAWN CURE OF SOUTH. IN 1611 SPRING ST. P.O. BOX 1295 JEFFERSONVILLE, IN 47130
LEBANON CHEM 1600 E. CUMBERLAND ST. LEBANON, PA 17042	LEBANON SEABOARD 1600 E. CUMBERLAND ST. LEBANON, PA 17042	LESCO INC. 1301 EAST 9TH STREET STE. 1300 CLEVELAND, OH 44114-1849
LIDOCHEM, INC. 20 VILLAGE CT. HAZLET, NJ 07730	LILLY MILLER BRANDS P.O. BOX 2289 CLACKAMAS, OR 97015	LITTLE GIANT PUMP COMPANY 3810 N TULSA OKLAHOMA CITY, OK 73112
LONCALA, INC. 125 NW 1ST AVE. HIGH SPRINGS, FL 32655	LOUISVILLE & JEFFERSON CTY MSD P.O. BOX 740011 LOUISVILLE, KY 40201	LOVELAND INDUSTRIES 7251 4TH STREET GREELEY, CO 80634
LSB INDUSTRIES 4000 N.W. 39TH OKLAHOMA CITY, OK 73112	MACON TROUSDALE FARMERS 905 SCOTTSVILLE RD. LAFAYETTE, TN 37083	MAGIC GREEN CORP. 4598 HWY. H SILEX, MO 63377
MARSHALL COUNTY SOIL P.O. BOX 230 501 POPLAR BENTON, KY 42025	MARTIN MARIETTA 195 CHESAPEAKE PARK PLAZA STE. 200 BALTIMORE, MD 21220-4201	MARTIN MARIETTA 1800 E. LAKE ROAD MANISTEE, MI 49660
MARTIN MARIETTA 2710 WYCLIFF ROAD RALEIGH, NC 27607-3033	MARTIN RESOURCES P.O. BOX 191 KILGORE, TX 75662	MASTERBLEND INTERNATIONAL LLC P.O. BOX 365 ELWOOD, IL 60421
MATHIS FARM SUPP. 5799 SHAW RD. MELBER, KY 42069	MAUGET, J.J. CO., INC. 5435 PECK RD. ARCADIA, CA 91006-5847	MAYFIELD GRAIN CO. P.O. BOX 950 MAYFIELD, KY 42066
MAYFIELD GRAIN HWY 94 2559 STATE RT 94W WINGO, KY 42088	MAYS LICK MILL 6538 US 68 MAYS LICK, KY 41055	MCGREW FARM CENTER 427 E. ADAIR SMITHLAND, KY 42081
MEIJER (GRAND) 2929 WALKER NW GRAND RAPIDS, MI 49544	MFA, INC. 201 RAY YOUNG DR. COLUMBIA, MO 65201-3599	MFS ALLIANCE INC P.O. BOX 179 EDMONTON, KY 42129
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	MILES - GLENDALE FARM SVC. P.O. BOX 155 GLENDALE, KY 42740
MILES FARM CENTER (CYN) 430 N MAIN STRET P. O. BOX 310 CYNTHIANA, KY 41031	MILES FARM CENTER (EKR) P.O. BOX 10 EKRON, KY 40117	MILES FARM CENTER (LEB) P.O. BOX 493 LEBANON, KY 40033

TABLE 3 (Continued)

MILES FARM CENTER (SAC) P.O. BOX 229 SACRAMENTO, KY 42372		MILES FARM CENTER (SHEL) P.O. BOX 488 SHELBYVILLE, KY 40065	MILES FARM SUPPLY (OWEN) P.O. BOX 22879 OWENSBORO, KY 42301
MILES FARM SUPPLY (UPT) P.O. BOX 108 UPTON, KY 42784		MILES FARM-WHOLESALE FERT P.O. BOX 22879 OWENSBORO, KY 42304-2379	MILLENNIUM LAWNS 7035 W 65TH STREET BEDFORD, IL 60638
MILLER CHEMICAL & FERT. P.O. BOX 333 RADIO ROAD HANOVER, PA 17331		MILLERS LAWN CARE 755 BUZZARD ROAST RD. SHELBYVILLE, KY 40065	MILLERSBURG FERT. CO. P.O. BOX 284 MILLERSBURG, KY 40348
MILORGANITE DIV. MMSD P.O. BOX 3049 MILWAUKEE, WI 53201-3049		MINERAL PROCESSING 1855 CH 99 CAREY, OH 43316-3049	MINERAL VISIONS 11830 RAVENNA ROAD CHARDON, OH 44024
MIRACLE GRO LAWN PRODUCTS 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041		MISSISSIPPI PHOSPHATES CORP P.O. BOX 848 PASCAGOULA, MS 39568-0848	MISSISSIPPI PHOSPHATES CORP. ATTN: JIA SCOTT P.O. BOX 986 YAZOO CITY, MS 39194
MONTGOMERY CO-OP STATELINE 1801 RANDOLPH BLVD CLARKSVILLE, TN 37040	6002	MONTYS PLANT FOOD 8903 NOTTINGHAM PKY. LOUISVILLE, KY 40222	MONTYS PLANT FOOD P.O. BOX 22454 LOUISVILLE, KY 40222
MORRAL CO. 132 POSTLE ST. P O BOX 26 MORRAL, OH 43337		MOSAIC CROP NUTRITION, LLC 8813 HWY 41 S RIVERVIEW, FL 33569	MOSAIC PHOSPHATES CO 100 S SAUNDERS ROAD STE 300 LAKE FOREST, IL 60045
MOSAIC PHOSPHATES CO P.O. BOX 2000 MULBERRY, FL 33086		NA-CHURS/ALPINE SOLUTIONS 421 LEADER ST. MARION, OH 43302-9989	NEW PLANT LIFE 345 E. HUPP ROAD LA PORTE, IN 46350
NEWAYS, INC 150 EAST 400 NORTH SALEM, UT 89653		NORTH COUNTRY ORGANICS PO BOX 372 BRADFORD, VT 05033	NORTRACE LTD. P.O. BOX 1286 GREELEY, CO 80632
NOVOZYMES BIOLOGICALS 3434 SOUTH 400 EAST ALBION, IN 46701		NOVOZYMES, INC 5400 CORPORATE CIRCLE SALEM, VA 24153	NU GARDENER LLC 833 WEST LINCOLN HWY STE.. 450 E SCHEREVILLE, IN 46375
NU-GRO TECHNOLOGIES INC. P.O. BOX 290 DE WITT, MI 48820		NULEX, INC 1919 GRAND AVE. SIOUX CITY, IA 51106	NUTRA-FLO CO 1919 GRAND AVE. SIOUX CITY, IA 51107
NUTRAMAX LABORATORIES, INC 2208 LAKESIDE BLVD EDGEWOOD, MD 21040		NUTRECOLOGY 1754 E BULLARD AVENUE STE. 102 FRESNO, CA 93710	OCEAN CREST SEAFOODS, INC. 88 COMMERCIAL ST. GLOUCESTER, MA 01930
OLDCASTLE STONE PRODUCTS 2200 SULLIVAN TRAIL EASTON, PA 18040		OLDCASTLE STONE PRODUCTS 550 S. BIESECKER ROAD THOMASVILLE, PA 24224	OLDFIELD, J.A. & SON 110 N. MILL ST. MIZE, KY 41352
ORGANIC LABORATORIES, INC 2963 SE DOMINICA TERRACE STUART, FL 34997		PADUCAH AG SERVICES 4955 NOBLE ROAD PADUCAH, KY 42001	PARRISH SHOP/SALES 8834 LARUE RD. HENDERSON, KY 42420
PAYGRO CO DIV OF GARICK 11000 HUNTINGTON RD. S. CHARLESTON, OH 45368		PBI GORDON CORP. 300 S. 3RD ST. BOX 014090 KANSAS CITY, MO 66118	PBI GORDON CORP. 1217 W. 12TH ST. KANSAS CITY, MO 64101

TABLE 3 (Continued)

PCS SALES (USA), INC. 1101 SKOKIE BLVD SUITE 400 NORTHBROOK, IL 60062	PENNINGTON SEED INC P.O. BOX 338 GREENFIELD, MO 65661	PENNINGTON SEED INC. P.O. BOX 290 MADISON, GA 30650
PENNYRILE AG OIL INC. 2260 PRINCETON RD. HOPKINSVILLE, KY 42240	PETERS, J.R. 6656 GRANT WAY ALLENTOWN, PA 18106	PHELPS DODGE SIERRITA, INC 6200 W. DUVAL MINE ROAD GREEN VALLEY, AZ 85614
PHOSYN INC 5661 BRANCH ROAD WAPATO, WA 98951	PHOSYN PLC MANOR PLACE, WELLINGTON RD THE INDUSTRIAL ESTATE, POCK. YORK, UK YO42 IDN	PICC 201 E. 42ND ST. NEW YORK, NY 10017
PIONEER SOUTHERN P O BOX 266 LANCASTER, NY 14086	PLANT MARVEL LABS 371 E. 16TH ST. CHICAGO HEIGHTS, IL 60411	PLANT PRODUCTS CO, LTD 314 ORENDA RD. BRAMPTON, CN L6T 1-G1
PLANTABBS PRODUCTS P.O. BOX 165 HUNT VALLEY, MD 21030	PLATTE CHEMICAL CO. P.O. BOX 667 GREELEY, CO 80632	PLEASANT VIEW FARMS 446 SOUTH UNION ROAD AUBURN, KY 42206
POORE, C D FERTILIZER 708 BURKESVILLE RD. ALBANY, KY 42602	PQ CORP. P.O. BOX 840 VALLEY FORGE, PA 19482	PRATHER WORM CASTINGS 582 GOODLET ROAD SALVISA, KY 40372
PREMIER HORTICULTURE, INC 127 S. FIFTH STREET STE. 300 QUAKERTOWN, PA 18951	PREMIUM WOOD AND GARDEN 345 E MAIN STREET STE. H JACKSON, OK 45640	PRINZO, J.C. CONSULTING 6678 SPRINGDALE DR. MIDDLEBURG HEIGHTS, OH 44130
PRO SOL P.O. BOX 1589 OZARK, AL 36361	PROGRESSIVE TURF LLC 5350 BALL GROUND HYW BALL GROUND, GA 30107	PURE BARNYARD, INC 199 CONSTITUTION AVE PORTSMOUTH, NH 03801
PURSELL INDUSTRIES P.O. BOX 540 SYLACAUGA, AL 35150	QUALITY BORATE COMPANY 3690 ORANGE PLACE SUITE 495 CLEVELAND, OH 44122	RAINTREE SVC OF W KY 400 CENTER STREET BOWLING GREEN, KY 42101
RAINTREE SVC OF W KY DBA CHEMLAWN 633 N. 6TH ST. PADUCAH, KY 42001	REGENERATED RESOURCES LLC 205 NEWBURY STREET FRAMINGHAM, MA 01701	REGISTRATIONS BY DESIGN 118 1/2 E. MAIN ST STE. 1 SALEM, VA 24153
RENAISSANCE FERT, INC 2300 TOTEM TRAIL MINNETONKA, MN 55305	RICH POND CROP SVC. 1753 RICHPOUND RD. BOWLING GREEN, KY 42101	RIPS FARM CENTER PO BOX 176 TOLLESBORO, KY 41189
RIVER AG OF ILLINOIS INC. P.O. BOX 629 METROPOLIS, IL 62960	RIVER BEND AG LLC P.O. BOX 126 NEW MADRID, MO 63869	RIVER CITY LANDSCAPE SUPPLY 1 RIVERVIEW AVENUE SAUGET, IL 62201
ROCKY MOUNTAIN BIO PRODUCTS DIV OF BOWMAN CONST. 2310 S SYRACUSE WAY DENVER, CO 80231	ROD MCLELLAN COMPANY P.O. BOX 70 INDEPENDENCE, OR 97351	ROOTBLAST INTERNATIONAL INC P.O. BOX 20109 CANTON, OH 44707
ROOTS, INC 3120 WEATHERFORD ROAD INDEPENDENCE, MO 64055	ROYSTER CLARK (ADA) 3902 SCHOCHOH RD. ADAIRVILLE, KY 42202	ROYSTER CLARK (COLL) 6 EXECUTIVE DR. P. O. BOX 1986 COLLINSVILLE, IL 62234-1986
ROYSTER CLARK (FANC) 10693 STATE RT. 121N FANCY FARM, KY 42039	ROYSTER CLARK (FLO) P.O. BOX 158 FLORENCE, AL 35631	ROYSTER CLARK (FRAN) P.O. BOX 401 211 COMMERCE STREET FRANKLIN, KY 42134

TABLE 3 (Continued)

ROYSER CLARK (GUTH) P.O. BOX 395 720 STATE STREET GUTHRIE, KY 42234	ROYSER CLARK (HARD) 1266 BREWER HWY PO BOX 84 HARDIN, KY 42048	ROYSER CLARK (MTCA) HWY. ONE SOUTH MT. CARMEL, IN 62863
ROYSER CLARK (MURR) 204 W. RAILROAD AVE. MURRAY, KY 42071	ROYSER CLARK (NORF) 999 WATERSIDE DRIVE STE. 800 NORFOLK, VA 23510	ROYSER CLARK (SED) 1680 STATE RT 339E PO BOX 8 SEDALIA, KY 42079
ROYSER CLARK (SPRI) BOX 38 CEDAR HILL, TN 37032	ROYSER CLARK (SPRIN) 5081 HWY. 431-N SPRINGFIELD, TN 37172	ROYSER CLARK (TARB) 495 W ST. JAMES STREET P.O. BOX 250 TARBORO, NC 27886
ROYSER CLARK (UNION) P.O. BOX 40 530 N 5TH STREET UNION CITY, TN 38261	ROYSER CLARK (UTICA) P.O. BOX 128 HWY 431 S UTICA, KY 42376	ROYSER CLARK (WASH) 717 ROBINSON RD. WASHINGTON CH, OH 43160
ROYSER CLARK (WINS) P.O. BOX 4429 WINSTON-SALEM, NC 27115-4429	ROYSER CLARK (WISC) P.O. BOX 7667 MADISON, WI 53714	ROYSER CLARK (WYNN) P.O. BOX 117 HWY 78 S WYNNBURG, TN 38077
RUDOLPH FARM SUPPLY, INC 521 E. MAIN ST. SALEM, KY 42078	RUSSELLVILLE CROP SERVICE P.O. BOX 8 MORGANTOWN ROAD RUSSELLVILLE, KY 42276-0008	SANDIDGES STORE P.O. BOX 95 EUBANK, KY 42567
SCHOCHOH CROP 5240 HALL STORE RD. RUSSELLVILLE, KY 42276	SCHULTZ CO. 13260 CORP. EXCHANGE DR. BRIDGETON, MO 63044	SCOTT FARMERS CO-OP P.O. BOX 4816 ONEIDA, TN 37841
SCOTT G. WILLIAMS, LLC 211 GENERAL ARTS ROAD CONYERS, GA 30012	SCOTTS MIRACLE-GRO PRODUCTS, INC 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041	SCOTTS SIERRA 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041
SEACHEM LABORATORIES 15151 - A PRATER DRIVE COVINGTON, GA 30014	SECURITY SEED/CHEMICAL 5217 GUTHRIE HWY CLARKSVILLE, TN 37040	SHELLEY, W.H. 3352 COLFAX ROAD HILLSBORO, KY 41049
SIERRA ORGANICS BOX 31750 STOCKTON, CA 95213	SNIP STICK 'N GRO, LLC P.O. BOX 249 FALLBROOK, CA 92088	SOUTHEASTERN POND MGT 2469 HIGHWAY 31 CALERA, AL 35040
SOUTHERN EXCELLENCE 406 SOUTH LAKE ROAD JACKSON, AL 36545	SOUTHERN FS, INC PO BOX 728 MARION, IL 62959	SOUTHERN IMPORTERS, INC. P.O. BOX 8579 GREENSBORO, NC 27419
SOUTHWEST LANDMARK 5867 DAY HILL ROAD GEORGETOWN, OH 45121	SOUTHWEST LANDMARK P.O. BOX 189 XENIA, OH 45385	SOUTHWEST LANDMARK, INC 818 S US RT 42 LEBANON, OH 45036-0117
SPECIALTY FERTILIZER PROD. 134 CHERRY HILL DR. BELTON, MO 64012	SPECTRUM GROUP 2150 SCHUETZ ROAD ST. LOUIS, MO 63146-3538	SPEED AG SERVICE 345 ST. RT. 166W HICKMAN, KY 42050
SPEEDLING P.O. BOX 307 BUSHNELL, FL 33513	SQM NORTHAMERICA 3101 TOWERCREEK PKWY. STE. 450 ATLANTA, GA 30339	SS (BARD) BARDSTOWN SVC 403 CATHEDRAL MANOR BARDSTOWN, KY 40004
SS (BOWL) BOWLING GREEN COOP 640 PLUM SPRINGS BOWLING GREEN, KY 42101	SS (BRIS) COOP INC. 136 BAKERY ROAD BRISTOL, VA 24201	SS (CADI) CADIZ BR 2829 HOPKINSVILLE RD. CADIZ, KY 42211

TABLE 3 (Continued)

SS (CALH) CALHOUN CMPBL BR 1432 KY 136-E CALHOUN, KY 42327	SS (CAMP) CAMPBELLSVILLE 1720 E. BROADWAY CAMPBELLSVILLE, KY 42718	SS (CAMP) KNTCKANA SVC 7432 CARROLLTON RD. CAMPBELLSBURG, KY 40011
SS (CARL) OWINGS SVC-CARLISLE BR ADAIR 102 DORSEY AVE. CARLISLE, KY 40311	SS (CLAY) 205 E. RAILROAD ST. PO BOX 175 CLAY, KY 42404	SS (COLU) GREEN RVR SVC 210 MERCHANT ST. COLUMBIA, KY 42728
SS (CYN) LEXINGTON COOP-CYN BRANCH 122 RAILROAD AVENUE CYNTHIANA, KY 41031	SS (DANV) COOP BOYLE BR 1244 LEBANON RD. DANVILLE, KY 40422	SS (ELIZ) HARDIN COOP, INC 402 S. MULBERRY ST. ELIZABETHTOWN, KY 42701
SS (ELKT) RUSS.-TODD BRANCH P.O. BOX 278 606 W MAIN STREET ELKTON, KY 42220	SS (EMIN) INC KNTCKANA SVC-HENRY BR 760 ELM ST. EMINENCE, KY 40019-9801	SS (FLEM) FLEMINGSBURG 658 WEST WATER FLEMINGSBURG, KY 41041
SS (FRAN) ANDRSN FRNKLN-FRNKERT SVC 1211 WILKINSON BLVD. FRANKFORT, KY 40601	SS (FRAN) SIMPSON COOP 301 FINN ST. 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 COOP 122 OLD HWY. 60 ROUTE 4 BOX 122 HARDINSBURG, KY 40143
SS (HARR) CNTRL KY SVC BR SVC 1027 N. COLLEGE HARRODSBURG, KY 40330	SS (HEND) HENDERSON COOP 5290 HWY 425 BYPASS HENDERSON, KY 42420	SS (HODG) HARDIN COOP HODG 310 W. WATER ST. HODGENVILLE, KY 42748
SS (HOPK) HOPKINSVILLE COOP 501 E. 13TH ST. HOPKINSVILLE, KY 42240	SS (HORS) HORSE CAVE COOP P.O. BOX 339 HORSE CAVE, KY 42749	SS (ISLA) COOP ISLAND BR P.O. BOX 286 ISLAND, KY 42350-0286
SS (LAGR) KY SVC BR-LAGRANGE BR 112 S. FIRST ST. LAGRANGE, KY 40031	SS (LAWR) ANDERSON FRANKLIN SVC BR 1241 GLENSBORO RD. LAWRENCEBURG, KY 40342	SS (LEBA) LEBANON SVC 215 DEPOT ST. LEBANON, KY 40033
SS (LEIT) LEITCHFIELD COOP 118 W. WHITE OAK ST. PO BOX 383 LEITCHFIELD, KY 42754	SS (LEXI) LEXINGTON COOP 949 PINE ST. LEXINGTON, KY 40508	SS (LIBE) LIBERTY SVC HC 65, BOX 155 225 S WALLACE WILKINSON BLVD LIBERTY, KY 42539
SS (LOND) LONDON COOP 1208 BARBOURVILLE STREET LONDON, KY 40741	SS (MADI) MADISONVILLE COOP 1001 PRIDE AVE. MADISONVILLE, KY 42431	SS (MADIS) SEBRE BR 1001 PRIDE AVENUE MADISONVILLE, KY 42431-1298
SS (MAYS) MAYSVILLE COOP 1325 CLYDE BARBOUR HWY PO BOX 668 MAYSVILLE, KY 41056-0668	SS (MORG) MORGANFIELD COOP 304 N. TOWNSEND ST. MORGANFIELD, KY 42437	SS (MURR) CALLOWAY SVC P.O. BOX 750 MURRAY, KY 42071
SS (NICH) NICHOLASVILLE SVC 309 N THIRD STREET NICHOLASVILLE, KY 40356	SS (OWEN) COOP OWENSBORO 800 CRABTREE AVE. OWENSBORO, KY 42301	SS (OWEN) OWENTON COOP, INC 355 N. MAIN ST. OWENTON, KY 40359
SS (OWIN) OWINGSVILLE SVC P.O. BOX 557 409 BROOKS AVENUE OWINGSVILLE, KY 40360	SS (RICH) COOP INC FERT DIV P.O. BOX 26234 6606 W. BROAD STREET RICHMOND, VA 23260	SS (RICH) INC CROPS FARM P.O. BOX 26234 6606 W. BROAD ST. RICHMOND, VA 23260
SS (RICH) RICHMOND SVC 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) RUSSELL SPRINGS BR 130 WILSON ST. PO BOX 280 RUSSELL SPRINGS, KY 42642

TABLE 3 (Continued)

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 941 N. HWY. 27 SOMERSET, KY 42501
SS (SPRI) LEBANON-SPRINGFIELD BR 1752 BARDSTOWN RD. SPRINGFIELD, KY 40069	SS (STAN) STANFORD SVC 925 HWY 150 E STANFORD, KY 40484	SS (WARS) GALLATIN SVC US 42 WEST 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	STANLEY CROP SVC. P.O. BOX 37 STANLEY, KY 42375
STEPHEN FOLLETT CO, INC 4697 COUNTY RD. I STURGEON BAY, WI 54235	STOLLER ENTERPRISES, INC 4001 W. SAM HOUSTON PKWY STE. 100 HOUSTON, TX 77043-1226	STRONG PLANT 1977 E. HWY. 600 HEREFORD, TX 79045
SUMMERS ORGANIZATION LLC DISTRIBUTING DBA PREMIUM WOOD AND GARDEN 345 E MAIN STREET, STE H JACKSON, OH 45640	SUN BULB COMPANY, INC. P.O. DRAWER 698 ARCADIA, FL 34265	SUN GRO HORTICULTURE 15831 NE 8TH STREET SUITE 100 BELLVUE, WA 98008
SUSTANE/NATURAL FERTILIZER P.O. BOX 19 310 HOLIDAY AVE CANNON FALLS, MN 55009	SWISS FARMS PRODUCTS, INC. 3773 HOWARD HUGHES PKWY. STE. 300-N LAS VEGAS, NV 89109	T AND N, INC P O BOX 240 815 HWY T FORISTELL, MO 63348
T-TECH COMPANY P.O. BOX 190 HUMBOLDT, TN 38343	TAYLOR, G.M. SEED CO. 618 MILITARY ST. GEORGETOWN, KY 40324	TENNESSEE FARMERS COOP 200 WALDRON RD. PO BOX 3003 LAVERGNE, TN 37086
TERRA NITROGEN CORP. PO BOX 6000 SIOUX CITY, IA 51102	TERRA RENEWAL SERV. 611 UNION ST. DARDANELLE, AR 72834	TERRACYCLE INC 121 NEW YORK AVENUE TRENTON, NJ 08638-5201
TESSENDERLO KERLEY 2255 N. 44TH ST. STE. 300 PHOENIX, AZ 85008	TETRA MICRONUTRIENTS 25025 I-45 NORTH THE WOODLANDDS, TX 77380	TETRA SALES, USA 3001 COMMERCE ST. BLACKSBURG, VA 24060
THE ANDERSONS 2345 SOUTH 400 EAST LOGANSPOUT, IN 46947	THE ANDERSONS LAWN FERT DIV P.O. BOX 119 MAUMEE, OH 43537	THE DOGGETT CORP. 30 CHERRY ST. LEBANON, NJ 08833
THE FERTRELL COMPANY P.O. BOX 265 BAINBRIDGE, PA 17502	THE ORTHO GROUP P.O. BOX 190 MARYSVILLE, OH 43041	THE SCOTTS CO. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041
THE WONDER COMPANY 665 VERNON AVENUE NASHVILLE, TN 37209	TIGER-SUL PRODUCTS, LLC P.O. BOX 5 ATMORE, AL 36504	TRACE CHEM INC. 839 BRENNMAN DR. PEKIN, IL 61554-1522
TRAYLOR CHEMICAL/SUPP. 1911 TRAYLOR BLVD. P.O. BOX 547937 ORLANDO, FL 32854-7937	TRAYLOR CHEMICAL/SUPP. P.O. BOX 249 126 MARKET STREET ROYAL CENTER, IN 46978	TRI COUNTY FERT. 124 S. ESTILL AVE. RICHMOND, KY 40475-2014
TRI-COUNTY FERTILIZER P.O. BOX 147 HONEA PATH, SC 29654	TRIMBLE CO FARM 11300 HWY. 421-N MILTON, KY 40045	TRUGREEN CHEMLAWN (DELA) 5550 BLAZER PARKWAY STE. 125 DUBLIN, OH 43017
TRUGREEN CHEMLAWN (EVAN) P.O. BOX 5679 EVANSVILLE, IN 47716-5679	TRUGREEN CHEMLAWN (FLOR) P.O. BOX 488 FLORENCE, KY 41022-0488	TRUGREEN CHEMLAWN (LEX) 575 HORTON CT. 2264 DANFORTH DRIVE LEXINGTON, KY 40511

TABLE 3 (Continued)

TRUGREEN CHEMLAWN (LOUIS) 13135 MIDDLETOWN IND., BLVD. LOUISVILLE, KY 40223	TRUGREEN CHEMLAWN (SCOTT) 109 ERSKIN LN. PO BOX 396 SCOTT DEPOT, WV 25560	TRUSERV CORP. 8600 W. BRYN MAWR AVE. CHICAGO, IL 60631
TURF SCIENCE LABS 2121 HOOVER AVENUE NATIONAL CITY, CA 91950	TWO RIVERS, INC 7158 STREET ROUTE 70E DRAKESBORO, KY 42337	U.S. BORAX INC. 26877 TOURNEY RD. VALENCIA, CA 91355
UAP DISTRIBUTION, INC P.O. BOX 1286 GREELEY, CO 80632	UAP MIDSOUTH 57 GERMANTOWN COURT SUITE 200 CORDOVA, TN 38118-2227	UNCO INDUSTRIES INC. 7802 OLD SPRING RACINE, WI 53406
UNITED HORTICULTURAL SUPPLY P O BOX 275 MULBERRY, FL 33860	UNITED HORTICULTURE SUPPLY P.O. BOX 1286 GREELEY, CO 80632	UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114
UNITED SUPPLIERS P.O. BOX 538 ELDORA, IA 50627	UNIVERSAL COOP INC. 1300 CORPORATE CENTER CURVE EAGAN, MN 55121-1233	VALLEY FARM CTR INC. 1314 N. MAIN ST. MONTICELLO, KY 42633
VALLEY FERTILIZER SVC. P.O. BOX 180 EDMONTON, KY 42129	VERDANT BRANDS, INC. 9100 W BLOOMINGTON FWY STE 113 BLOOMINGTON, MN 55431-2263	VERDICON, INC P.O. BOX 1286 GREELEY, CO 80632-1286
VOLUNTARY PURCHASING P.O. BOX 460 BONHAM, TX 75418	WARNER FERT CO. (ALBA) RT 2, BOX 165 ALBANY, KY 42602	WARNER FERT CO. (CAMP) P.O. BOX 87 CAMPBELLVILLE, KY 42718
WARNER FERT CO. (COLU) P.O. BOX 274 COLUMBIA, KY 42728	WARNER FERT CO. (EAST) P.O. BOX 117 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 80 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	WAUPACA MATERIALS 832 ROTH STREET SIKESTON, MO 63801	WAUPACA NORTHWOODS, LLC P.O. BOX 569 WAUPACA, WI 54981-0569
WILSON FARM SUPPLY, INC 4919 S. HWY. 837 NANCY, KY 42544	WILSON LABORATORIES 5300 HARVESTOR RD. BURLINGTON, ONTARIO, CN L7L 5N5	WINSTON COMPANY 7704 E 38TH STREET TULSA, OK 74145
WINSTON WEAVER CO, INC P.O. BOX 17366 WINSTON-SALEM, NC 27116-7366	WOLF TRAX 501-5 DONALD STREET WINNIPEG, CN R3G2X2	WOODFORD FEED CO. P.O. BOX 116 498 LEXINGTON ROAD VERSAILLES, KY 40383
WOODSTREAM CORP CONSULTING 69 NORTH LOCUS ST LITITZ, PA 17543	YARA NORTH AMERICA 100 N. TAMPA STREET STE. 3200 TAMPA, FL 33602	ZAHIGIAN, LYNNE REG. P.O. BOX 1566 FALLON, NV 89407-1566
ZEOPONIX, INC. P.O. BOX 3595 BOULDER, CO 80307		