

REGULATORY BULLETIN No. 288

ANNUAL REPORT ANALYSES OF OFFICIAL FERTILIZER SAMPLES

JULY 2001 – JUNE 2002



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OF KENTUCKY**
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INTRODUCTION

This bulletin presents the results of official samples of commercial fertilizer taken during the period of July 1, 2001 through June 30, 2002 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, P₂O₅, K₂O, and maximum chloride analyses of samples of mixed fertilizers and fertilizer materials and certain statistical analyses are in Table 1. Table 2 contains the results of secondary and minor element and certain other analyses and Table 3 is a listing of fertilizer registrants for Kentucky as of June 30, 2002.

EXPLANATION OF TABLES

Table 1.

Sample Data—

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

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

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

+ : A (+) beside a NUM indicates that the sample was analyzed for a secondary or minor element and the results are in Table 2

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

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

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

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

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

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

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

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

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

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

- (1) The investigational allowances are applied by computer to the laboratory analyses before the found analyses are rounded to the nearest tenth of a percent and printed. In the above example, if the laboratory found 9.09% for one sample and 9.13% for the other, only the first one would be marked (*) as deficient.
- (2) The grade as printed is the largest whole number in the guarantee of each ingredient, that is, any decimal is dropped before the table is printed. For example, a custom-mixed lot of fertilizer may be guaranteed 11.9% P_2O_5 and 11.2% K_2O . The grade would be printed 0-11-11. However, the investigational allowances are applied on the basis of the 11.9% and 11.2% guarantees. If this custom mixed fertilizer analyzed 10.9% P_2O_5 and 10.9% K_2O , only the 10.9% P_2O_5 would be marked (*) because it is below the 11.9% guarantee by more than the investigational allowance.

TYPE: The codes for type are:

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

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

MAT - A fertilizer material such as muriate of potash.

CM - A custom-mixed blended fertilizer.

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

Statistical Analyses --

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

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 (P₂O₅), soluble potash (K₂O), 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 ≤ 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.

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
2001 AND 2002**

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	2001	2002
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$ 5.02	\$ 4.34
Avail. Phosphate (P ₂ O ₅)	\$ 4.75	\$ 4.54
Soluble Potash (K ₂ O)		
Tobacco (Low CL)	\$ 5.52	\$ 5.65
Non-Tobacco	\$ 2.72	\$ 2.72
Calcium (Ca)	\$ 2.41	\$ 4.50
Magnesium	\$14.82	\$16.43
Sulfur (S)	\$ 4.63	\$ 5.64
Boron (B)	\$51.83	\$63.87
Copper (Cu)	\$70.95	\$63.18
Iron (Fe)	\$ 8.40	\$12.38
Manganese (Mn)	\$19.07	\$15.40
Zinc (Zn)	\$20.62	\$24.12

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.

TABLE 1. RESULTS OF TOTAL NITROGEN (N), AVAILABLE PHOSPHORIC 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/GRO FERTILIZER CO.		WINCHESTER		KY				
00-20-20	31148		17.56*	22.67		97	Blend	Bag
00-20-20	31230		21.15	20.46		104	Blend	Bag
00-20-20	31686		21.02	20.99		105	Blend	Bag
00-20-20	31725		20.11	21.44		103	Blend	Bag
04-16-04	30139	04.37	16.42	04.63		105	Blend	Bag
05-10-10	30869	05.01	10.52	11.23		106	Blend	Bag
05-10-10	30993	04.53*	09.21	10.29		94*	Blend	Bag
05-10-10	31626	04.51*	08.86*	10.36		93*	Blend	Bag
05-10-10	31635	05.81	09.80	10.15		103	Blend	Bag
05-10-15	30686	07.71	10.33	16.11		112	Blend	Bag
05-10-15	30696	05.53	09.54	15.31		101	Blend	Bag
05-10-15	30837	04.86	09.99	15.49		101	Blend	Bag
05-10-15	30885	07.36	09.37	16.00		108	Blend	Bag
05-10-15	31117	05.65	11.34	14.93		105	Blend	Bag
05-10-15	31631	05.46	10.86	14.75		102	Blend	Bag
05-10-15	31634	06.12	10.33	15.46		105	Blend	Bag
05-10-15	31639	07.24	10.20	15.58		109	Blend	Bag
05-10-15	31678	05.20	10.27	14.89		100	Blend	Bag
05-10-15	31684	06.43	09.59	15.44		104	Blend	Bag
05-10-15	31703	04.97	09.73	15.05		99	Blend	Bag
05-10-15	31721	09.66	13.74	15.43		126	Blend	Bag
05-10-15	31730	04.95	09.35	15.12		98	Blend	Bag
05-10-15	31747	04.80	09.46	15.12		98	Blend	Bag
05-10-15	31749	05.26	10.20	15.59		103	Blend	Bulk
05-10-15	31751	04.87	09.52	17.52		107	Blend	Bag
05-10-15	31802	05.83	09.68	16.82		108	Blend	Bag
05-10-15	31896	04.96	08.99*	16.83		103	Blend	Bag
05-10-15	32298	06.30	10.23	14.38		102	Blend	Bag
05-10-15	32310	05.47	10.42	15.77		105	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade : 20								
Average Analysis :								
		5.93	10.15	15.57		105.2		
CV, %								
		20.93	9.98	4.93				
05-20-20	30171	06.96	19.40	19.21		102	Blend	Bag
05-20-20	30175	05.30	19.56	20.26		100	Blend	Bag
05-20-20	31145	04.83	18.98	21.21		98	Blend	Bag
05-20-20	31688	05.39	20.14	21.25		103	Blend	Bag
05-20-20	32266	04.69	19.37	21.41		99	Blend	Bag
Statistical Analysis for Grade : 05-20-20								
Number Samples This Grade : 5								
Average Analysis :								
		5.43	19.49	20.66		100.8		
CV, %								
		16.63	2.16	4.50				
06-12-12	30985	06.41	10.45*	12.34		96*	Blend	Bag
06-12-12	30994	05.44*	10.63*	12.29		93*	Blend	Bag
06-12-12	31586	05.87	11.26	12.69		98	Blend	Bag
06-12-12	31627	05.50*	11.34	12.53		96*	Blend	Bag
06-24-24	30452	06.06	22.56	25.14		98	Blend	Bag
06-24-24	30506	06.97	23.97	25.32		103	Blend	Bag
06-24-24	31065	07.82	23.00	24.78		102	Blend	Bag
06-24-24	31679	09.49	25.02	23.91		109	Blend	Bag
09-18-27	31355	09.28	17.95	26.53		99	Blend	Bag
09-18-27	31727	08.62	17.44	30.60		105	Blend	Bag
09-18-27	31788	09.40	17.96	28.99		104	Blend	Bag
09-18-27	31894	09.03	18.07	29.84		106	Blend	Bag
09-18-27	31996	09.58	17.57	30.03		106	Blend	Bag
Statistical Analysis for Grade : 09-18-27								
Number Samples This Grade : 5								
Average Analysis :								
		9.18	17.79	29.19		104.5		
CV, %								
		4.05	1.54	5.47				
10-10-10	30027	09.63	09.74	10.37		98	Blend	Bag
10-10-10	30170	10.21	10.62	11.45		106	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AG/GRO FERTILIZER CO.		WINCHESTER	KY					
10-10-10	30173	10.13	10.68	11.16		105	Blend	Bag
10-10-10	30235	07.79*	09.61	10.80		92*	Blend	Bag
10-10-10	30338	09.48	09.93	10.28		98	Blend	Bag
10-10-10	30454	09.21	09.26	12.54		100	Blend	Bag
10-10-10	30457	10.33	10.58	10.34		104	Blend	Bag
10-10-10	30487	09.43	09.22	12.00		99	Blend	Bag
10-10-10	30508	10.13	10.57	10.39		103	Blend	Bag
10-10-10	30588	07.88*	08.71*	11.03		89*	Blend	Bag
10-10-10	30676	10.39	10.53	11.36		106	Blend	Bag
10-10-10	30687	09.56	10.31	10.29		100	Blend	Bag
10-10-10	30695	10.61	09.93	10.20		102	Blend	Bag
10-10-10	30740	10.27	10.35	10.28		103	Blend	Bag
10-10-10	30836	12.14	11.53	10.99		116	Blend	Bag
10-10-10	30883	09.76	10.80	11.11		104	Blend	Bag
10-10-10	30987	08.94*	10.45	10.54		99	Blend	Bag
10-10-10	30995	07.37*	08.31*	11.47		87*	Blend	Bag
10-10-10	31045	10.69	10.82	10.68		107	Blend	Bag
10-10-10	31064	08.93*	09.16	10.46		93*	Blend	Bag
10-10-10	31118	10.21	09.81	10.38		100	Blend	Bag
10-10-10	31149	09.90	10.04	10.27		100	Blend	Bag
10-10-10	31229	09.22	10.09	10.84		99	Blend	Bag
10-10-10	31421	09.62	09.72	10.70		99	Blend	Bag
10-10-10	31629	09.77	10.50	11.54		104	Blend	Bag
10-10-10	31640	09.66	09.33	12.74		102	Blend	Bag
10-10-10	31677	09.40	10.78	10.97		103	Blend	Bag
10-10-10	31680	09.16	09.36	10.36		95*	Blend	Bag
10-10-10	31683	09.66	09.59	10.85		99	Blend	Bag
10-10-10	31702	09.77	10.41	10.93		102	Blend	Bag
10-10-10	31720	10.39	10.85	11.95		109	Blend	Bag
10-10-10	31726	10.40	10.06	11.23		104	Blend	Bag
10-10-10	31731	08.92*	09.68	11.07		97	Blend	Bag
10-10-10	31774	08.97*	08.16*	11.20		91*	Blend	Bag
10-10-10	31791	10.61	10.00	10.31		103	Blend	Bag
10-10-10	31796	09.14	09.67	10.31		96*	Blend	Bag
10-10-10	31879	08.32*	09.60	11.30		95*	Blend	Bag
10-10-10	31893	09.45	08.99*	11.13		96*	Blend	Bag
10-10-10	31997	10.04	10.08	11.10		103	Blend	Bag
10-10-10	32273	10.10	09.95	11.72		104	Blend	Bag
10-10-10	32309	10.09	10.28	10.29		102	Blend	Bag
10-10-10	32373	09.11	10.04	10.82		98	Blend	Bag
10-10-10	32426	09.42	10.41	11.16		102	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 43								
Average Analysis :								
		9.63	9.96	10.95		100.7		
CV, %								
		8.82	6.98	5.60				
10-20-20	30698	09.51	19.40	21.38		99	Blend	Bag
10-20-20	30838	10.00	20.33	21.17		102	Blend	Bag
10-20-20	31622	10.03	20.09	21.22		102	Blend	Bag
10-20-20	31752	09.55	19.10	20.23		97	Blend	Bag
12-12-12	30699	11.75	11.22	12.08		96*	Blend	Bag
12-12-12	30867	10.36*	11.19	13.21		94*	Blend	Bag
12-12-12	30986	11.00	11.73	11.84		95*	Blend	Bag
12-12-12	30992	11.02	11.72	12.51		97	Blend	Bag
12-12-12	31628	10.40*	11.76	14.82		99	Blend	Bag
12-12-12	31630	11.32	12.17	12.37		99	Blend	Bag
12-12-12	31636	11.18	12.33	12.86		100	Blend	Bag
12-12-12	31687	12.04	12.30	11.97		101	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number Samples This Grade : 8								
Average Analysis :								
		11.13	11.80	12.70		98.0		
CV, %								
		5.26	3.77	7.63				
15-15-15	30169	13.70*	14.66	17.53		99	Blend	Bag
15-15-15	30174	13.64*	15.86	16.36		100	Blend	Bag
15-15-15	30337	15.14	15.76	15.73		103	Blend	Bag
15-15-15	30884	13.73*	14.96	15.63		97	Blend	Bag
15-15-15	31146	15.53	15.01	15.39		101	Blend	Bag
15-15-15	32299	15.05	14.61	15.28		99	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AG/GRO FERTILIZER CO.		WINCHESTER		KY				
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade : 6								
Average Analysis :								
		14.46	15.14	15.98		100.5		
		CV, %	5.97	3.57	5.28			
15-30-15	29820	17.84	30.07	14.26		104	Blend	Bag
15-30-15	31625	14.04	28.74	15.03		95*	Blend	Bag
16-27-14	31787	15.65	25.77	14.71		97	Blend	Bag
18-46-00	31789	17.59	45.40			98	Mnfr	Bag
19-19-19	30026	19.08	19.91	19.79		103	Blend	Bag
19-19-19	30168	18.52	20.06	20.24		102	Blend	Bag
19-19-19	30234	19.27	19.98	19.03		102	Blend	Bag
19-19-19	30340	18.72	20.01	20.71		103	Blend	Bag
19-19-19	30453	20.43	20.98	18.34		106	Blend	Bag
19-19-19	30456	18.20	20.10	20.52		102	Blend	Bag
19-19-19	30507	18.30	20.16	20.87		103	Blend	Bag
19-19-19	30677	18.51	19.51	20.12		101	Blend	Bag
19-19-19	30688	19.18	19.15	20.33		102	Blend	Bag
19-19-19	30694	18.62	19.29	21.06		102	Blend	Bag
19-19-19	30697	17.08*	19.65	21.16		100	Blend	Bag
19-19-19	30718	19.41	20.39	18.76		103	Blend	Bag
19-19-19	30739	19.87	20.64	18.47		104	Blend	Bag
19-19-19	30819	18.73	19.90	20.16		102	Blend	Bulk
19-19-19	30840	18.32	19.52	21.80		103	Blend	Bag
19-19-19	30868	18.57	19.46	20.47		101	Blend	Bag
19-19-19	30981	18.64	20.91	19.22		103	Blend	Bag
19-19-19	31044	17.94	20.34	20.69		102	Blend	Bag
19-19-19	31116	19.51	20.21	19.13		103	Blend	Bag
19-19-19	31147	19.28	19.33	20.11		102	Blend	Bag
19-19-19	31356	18.92	19.10	20.86		102	Blend	Bag
19-19-19	31681	18.68	19.32	19.60		100	Blend	Bulk
19-19-19	31732	18.20	19.51	20.98		101	Blend	Bag
19-19-19	31748	18.53	18.49	21.30		100	Blend	Bag
19-19-19	31750	18.42	19.27	18.74		99	Blend	Bulk
19-19-19	31773	19.15	19.10	20.20		101	Blend	Bag
19-19-19	31790	19.09	18.90	20.67		102	Blend	Bag
19-19-19	31998	19.39	19.69	19.55		102	Blend	Bag
19-19-19	32374	18.58	19.88	20.66		103	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 29								
Average Analysis :								
		18.79	19.75	20.12		102.5		
		CV, %	3.39	2.99	4.50			
22-20-00	29819	20.73	20.47			98	Blend	Bag
22-20-00	31623	21.48	20.00			98	Blend	Bag
34-00-00	31775	33.51				98	Mnfr	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.60	100.40	106.12				
ALL SAMPLES, CV, %		56.47	53.24	52.40				
NUMBER OF ANALYSIS		140	143	140				
Deficiency Rate - 18.75 %								
AG/GRO FERT. CO. #2		WINCHESTER		KY				
05-11-11	32346	06.39	12.46	17.88		125	CM	Bulk
06-12-19	32347	06.26	13.15	18.32		101	CM	Bulk
07-14-21	32348	06.97	13.60	20.68		98	CM	Bulk
08-17-26	32306	08.86	18.10	27.41		100	CM	Bulk
08-17-26	32312	09.66	17.59	28.25		103	CM	Bulk
12-17-26	32308	11.96	16.36	26.70		100	CM	Bulk
13-09-14	32345	13.26	10.68	14.47		98	CM	Bulk
13-16-25	32315	12.06	15.46	25.78		99	CM	Bulk
14-09-14	32307	14.50	10.21	14.80		99	CM	Bulk
15-15-23	32305	16.60	16.66	24.19		102	CM	Bulk
16-16-24	32314	17.36	16.90	22.60*		100	CM	Bulk
19-19-19	31776	19.62	19.01	18.46		100	Blend	Bag
19-19-19	32313	18.23	18.81	19.29		98	CM	Bulk
21-12-18	32311	20.92	11.68	18.98		100	CM	Bulk
28-08-16	32304	28.26	08.69	17.54		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
AG/GRO FERT. CO. #2		WINCHESTER		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE	100.25		101.11	102.67				
ALL SAMPLES, CV, %	4.74		4.21	12.58				
NUMBER OF ANALYSIS	15		15	15				
Deficiency Rate -	6.66 %							
AG DISTRIBUTORS INC		NASHVILLE		TN				
00-00-60	30008			60.88		101	Mat	Bulk
00-00-60	30103			61.04		101	Mat	Bulk
10-10-10	30483	09.67	09.44	10.90		98	Blend	Bag
18-46-00	30009	18.04	46.04			100	Mat	Bulk
18-46-00	30104	17.58	46.20			99	Mat	Bulk
18-46-00	30105	18.21	46.08			100	Mat	Bulk
32-00-00	31369	32.00				100	Mat	Liq
34-00-00	30531	34.06				100	Mat	Bulk
46-00-00	30007	45.95				99	Mat	Bulk
46-00-00	30106	46.20				100	Mat	Bulk
46-00-00	30534	45.99				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE	99.88		99.83	102.16				
ALL SAMPLES, CV, %	1.43		2.95	4.10				
NUMBER OF ANALYSIS	9		4	3				
Deficiency Rate -	0.00 %							
AG-QUEST		DRY RIDGE		KY				
19-19-19	30650	18.96	19.09	18.96		100	Blend	Bag
19-19-19	31676	18.44	18.91	20.10		100	Blend	Bag
AGRI-CHEM, INC		BARDWELL		KY				
08-22-30	31373	08.79	22.66	31.61		101	CM	Bulk
09-23-30	31372	09.44	24.47	28.65		102	CM	Bulk
09-23-30	31374	08.16*	21.08*	32.81		97	CM	Bulk
AGRI-CHEM INC		HERNDON		KY				
04-23-22	29149	05.91	24.49	24.41		108	CM	Bulk
04-23-22	29150	05.73	23.71	24.29		105	CM	Bulk
04-23-22	29152	05.74	23.55	24.19		104	CM	Bulk
04-23-22	29153	05.69	23.33	24.24		104	CM	Bulk
05-27-27	29147	06.52	28.50	28.87		103	CM	Bulk
05-27-27	29151	07.13	29.41	28.43		106	CM	Bulk
06-28-26	29148	06.57	28.76	28.56		103	CM	Bulk
19-19-19	29945	18.64	19.64	20.46		100	CM	Bulk
21-09-19	32187	21.87	09.93	20.22		101	CM	Bulk
21-09-19	32188	22.06	10.27	19.81		101	CM	Bulk
25-15-15	29946	24.72	14.84	15.71		99	CM	Bulk
25-15-15	29947	25.26	15.44	15.49		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE	103.26		102.41	104.25				
ALL SAMPLES, CV, %	8.73		2.07	1.72				
NUMBER OF ANALYSIS	12		12	12				
Deficiency Rate -	0.00 %							
AGRI-CHEM, INC.		HOPKINSVILLE		KY				
00-00-50	31821			51.23		102	Mat	Bulk
00-00-60	29744			59.95		99	Mat	Bulk
00-20-31	29120+		20.45	32.68		101	CM	Bulk
05-27-27	29116	06.16	26.89	29.47		100	CM	Bulk
05-27-27	29117	06.30	27.27	29.04		101	CM	Bulk
05-27-27	29121	06.14	27.38	28.73		100	CM	Bulk
05-27-27	29122	06.32	27.83	28.82		101	CM	Bulk
07-33-21	29118	07.43	33.09	22.68		101	CM	Bulk
07-33-21	29119	07.57	32.94	22.27		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AGRI-CHEM, INC.		HOPKINSVILLE		KY				
10-25-25	31186	09.70	24.87	25.57		97	CM	Bulk
10-26-26	29324	10.38	27.56	24.98		102	CM	Bulk
10-26-26	29325	10.55	27.39	25.23		102	CM	Bulk
13-13-26	31999	12.57	13.24	28.63		102	CM	Bulk
18-46-00	29743	17.44	45.61			98	Mat	Bulk
32-00-00	30482	32.00				100	Mat	Liq
46-00-00	29745	46.17				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.73	99.64	102.21				
ALL SAMPLES, CV, %		4.41	2.91	3.40				
NUMBER OF ANALYSIS		13	12	13				
Deficiency Rate -		0.00 %						
AGRI-CHEM, INC		PRINCETON		KY				
10-26-26	31552	10.63	26.41	26.10		101	CM	Bulk
19-19-19	31553	19.43	19.97	19.41		101	CM	Bulk
AGRI-CHEM INC		TRENTON		KY				
04-20-13	29261	04.29	19.59	15.27		101	CM	Bulk
05-31-23	29180	05.79	31.74	23.43		102	CM	Bulk
05-31-23	29181	05.68	32.56	22.54		103	CM	Bulk
05-31-23	29183	05.60	31.80	23.22		102	CM	Bulk
05-31-23	29184	05.57	31.58	23.25		101	CM	Bulk
05-31-23	29185	05.70	31.76	22.63		101	CM	Bulk
Statistical Analysis for Grade : 05-31-23								
Number Samples This Grade :		5						
Average Analysis :		5.66	31.88	23.01		102.4		
CV, %		1.53	1.20	1.74				
06-29-26	29262	06.46	29.44	26.81		101	CM	Bulk
06-29-26	29263	06.30	28.46	27.69		100	CM	Bulk
31-12-09	31324	30.75	12.87	10.05		100	CM	Bulk
31-12-09	31331	30.84	13.66	09.46		101	CM	Bulk
31-12-09	31332	30.96	12.57	09.45		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.18	101.25	102.37				
ALL SAMPLES, CV, %		4.69	2.66	4.25				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						
AGRIGRO FARM CENTER, INC.		HARTFORD		KY				
09-23-30	29441	08.25	22.19	31.49		98	CM	Bulk
09-23-30	32234	09.04	22.85	30.54		100	CM	Bulk
09-23-30	32235	09.26	23.81	29.42		101	CM	Bulk
09-23-30	32236	08.97	23.37	30.55		101	CM	Bulk
09-23-30	32237	09.29	23.74	29.28		101	CM	Bulk
09-23-30	32238	09.32	23.74	29.84		101	CM	Bulk
09-23-30	32239	08.83	22.43	31.20		99	CM	Bulk
09-23-30	32240	08.94	23.16	30.38		100	CM	Bulk
09-23-30	32241	08.34	21.78	31.49		98	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade :		9						
Average Analysis :		8.91	23.00	30.46		100.3		
CV, %		4.38	3.22	2.73				
21-04-23	32233	21.61	04.90	24.41		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.06	100.41	101.70				
ALL SAMPLES, CV, %		4.13	6.81	2.64				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AGRI PORT TERMINAL		EDDYVILLE	KY					
00-00-50	31884			51.87		103	Mat	Bulk
00-00-60	29109			61.11		101	Mat	Bulk
00-00-60	29653			59.39		98	Mat	Bulk
00-00-60	29680			59.65		99	Mat	Bulk
00-00-60	29872			59.45		99	Mat	Bulk
00-00-60	29928			59.88		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 5								
Average Analysis : .00 .00 59.89 99.8								
CV, % .00 .00 1.17								
05-27-27	29107	06.31	27.04	30.19		101	CM	Bulk
05-27-27	29108	06.23	27.07	29.56		101	CM	Bulk
05-27-27	29154	06.38	27.13	29.49		101	CM	Bulk
05-27-27	29155	06.48	28.60	29.14		104	CM	Bulk
08-38-15	29156	09.41	39.84	15.00		104	CM	Bulk
08-38-15	29157	09.49	40.21	14.74		104	CM	Bulk
09-23-30	29430	08.78	23.48	29.77		100	CM	Bulk
09-23-30	29431	08.67	22.62	31.10		99	CM	Bulk
09-23-30	29432	09.07	23.71	28.87		100	CM	Bulk
09-23-30	29433	08.75	22.71	30.96		100	CM	Bulk
09-23-30	29434	08.71	23.19	30.51		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 5								
Average Analysis : 8.79 23.14 30.24 100.1								
CV, % 1.80 2.04 3.06								
10-34-00	31184	09.79	34.40			100	Mat	Liq
10-34-00	31185	09.77	34.11			99	Mat	Liq
11-52-00	29110	12.10	52.22			102	Mat	Bulk
18-46-00	29111	18.27	45.91			100	Mat	Bulk
18-46-00	29652	18.12	46.07			100	Mat	Bulk
18-46-00	29733	18.20	46.37			100	Mat	Bulk
18-46-00	29734	17.65	45.72			99	Mat	Bulk
18-46-00	29873	17.91	46.33			100	Mat	Bulk
18-46-00	29926	17.87	46.09			99	Mat	Bulk
18-46-00	29927	17.93	46.41			100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 7								
Average Analysis : 17.99 46.12 .00 100.1								
CV, % 1.19 .55 .00								
28-00-00	29994	28.00				100	Mat	Liq
32-00-00	29650	32.00				100	Mat	Liq
32-00-00	31314	32.00				100	Mat	Liq
32-00-00	31704	32.00				100	Mat	Liq
46-00-00	29508	45.84				99	Mat	Bulk
46-00-00	29527	46.03				100	Mat	Bulk
46-00-00	29589	45.76				99	Mat	Bulk
46-00-00	29651	45.73				99	Mat	Bulk
46-00-00	29679	45.88				99	Mat	Bulk
46-00-00	29925	46.06				100	Mat	Bulk
46-00-00	30595	45.81				99	Mat	Bulk
46-00-00	30779	45.71				99	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 8								
Average Analysis : 45.85 .00 .00 99.6								
CV, % .28 .00 .00								
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 100.38 100.46 101.32								
ALL SAMPLES, CV, % 4.96 1.95 3.63								
NUMBER OF ANALYSIS 33 21 17								
Deficiency Rate - 0.00 %								
AGRIUM		DENVER	CO					
00-00-60	29506			60.63		101	Mat	Bulk
00-00-60	29528			60.95		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AGRIUM US INC		REESE		MI				
00-00-00	29736+						Mat	Bag
00-00-00	30480+						Mnfr	Bulk
03-00-00	29766+	02.69				89*	Mnfr	Bulk
AGRO DISTRIBUTION LLC		HARDINSBURG		KY				
00-00-60	30151			61.33		102	Mat	Bulk
00-22-30	29396		23.49	30.84		102	CM	Bulk
00-22-30	29397		23.96	30.40		102	CM	Bulk
05-14-18	29395	05.88	13.81	18.43		100	CM	Bulk
09-23-23	30608+	09.31	23.93	24.09		102	CM	Bulk
10-24-26	30610	09.96	23.79	28.21		99	CM	Bulk
10-26-26	30609	09.65	25.88	27.29		100	CM	Bulk
18-46-00	30150	17.76	45.83			99	Mat	Bulk
19-19-19	31009	19.28	19.76	18.81		99	CM	Bulk
20-15-13	31010	21.48	14.38*	13.87		98	CM	Bulk
26-10-17	31012	25.63	10.19	16.97		97	CM	Bulk
29-11-11	31011	29.65	12.16	12.07		100	CM	Bulk
34-00-00	30148	34.05				100	Mat	Bulk
46-00-00	30149	45.98				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.61	99.99	101.87				
ALL SAMPLES, CV, %		3.88	3.75	2.75				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		7.14 %						
ALLEN CO. FARMERS SERVICE		SCOTTSVILLE		KY				
09-23-28	30216	09.13	22.02*	30.07		97	CM	Bulk
12-09-35	30215	12.74	10.26	36.10		101	CM	Bulk
13-23-23	30207	12.89	24.01	24.43		100	CM	Bulk
15-15-26	30218	16.27	15.41	28.54		102	CM	Bulk
19-19-19	30212	18.99	20.47	19.39		101	CM	Bulk
24-15-15	30213	24.19	15.14	16.44		99	CM	Bulk
25-14-14	30217	24.44	15.22	15.93		99	CM	Bulk
25-14-14	30219	25.06	14.25	15.95		99	CM	Bulk
28-12-12	30208	28.86	13.38	12.38		101	CM	Bulk
32-09-09	30214	33.33	09.36	09.77		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.59	99.98	104.08				
ALL SAMPLES, CV, %		2.32	4.92	3.15				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
ALLEN COUNTY FEED AND SEED		SCOTTSVILLE		KY				
19-19-19	30304	19.81	18.26	20.25		99	CM	Bulk
19-19-19	30307	19.42	19.06	19.76		99	CM	Bulk
19-19-19	30436	19.37	18.64	21.17		100	CM	Bulk
22-22-06	30439	22.94	20.54*	06.51		97	CM	Bulk
23-14-18	30435	23.82	13.45	19.04		100	CM	Bulk
23-14-18	30440	23.06	13.31	19.68		99	CM	Bulk
24-15-15	30437	24.35	14.60	17.46		99	CM	Bulk
29-11-11	30434	30.71	11.09	11.85		100	CM	Bulk
29-11-11	30438	29.53	12.38	12.02		100	CM	Bulk
29-11-11	30441	30.79	11.45	11.89		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.68	95.57	105.96				
ALL SAMPLES, CV, %		1.57	3.45	2.60				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
ALLENSVILLE CROP SERVICE		ALLENSVILLE		KY				
03-15-06	31035	03.05	13.46*	05.87		92*	CM	Bulk
06-31-24	29182	06.57	31.44	24.39		100	CM	Bulk
07-37-15	31036	07.59	36.93	17.45		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ALLENSVILLE CROP SERVICE		ALLENSVILLE	KY					
07-37-15	31038	07.83	37.48	16.83		102	CM	Bulk
07-37-15	31039	07.85	37.56	17.11		103	CM	Bulk
09-23-24	31335+	08.86	22.60	25.39		100	CM	Bulk
14-21-23	31037	12.50*	22.03	26.89		100	CM	Bulk
14-21-23	31322	13.87	22.94	24.47		101	CM	Bulk
14-21-23	31333	14.19	22.37	24.19		100	CM	Bulk
27-13-13	31323	26.46	13.36	14.60		99	CM	Bulk
29-14-09	31316	30.17	13.67	09.04*		98	CM	Bulk
29-14-09	31317	29.17	14.64	10.16		100	CM	Bulk
33-12-06	31334	30.85*	11.56	07.06		94*	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.09	99.49	106.15				
ALL SAMPLES, CV, %		5.12	3.77	6.86				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate -		30.76 %						
ALLJACK, DIV OF UNITED IND		ST. LOUIS	MO					
36-06-06	29552+	34.50*	08.09	08.63		105	Blend	Bag
AMERICAN PLANT FOOD		CREVE COEUR	MO					
10-52-10	29052+	10.15	52.07	10.12		100	Mnfr	Bag
10-52-10	29537+	09.89	52.18	11.63		101	Mnfr	Bag
10-52-10	29886+	10.44	52.79	10.08		101	Blend	Bag
15-30-15	29053+	17.03	31.57	16.83		108	Mnfr	Bag
15-30-15	30128+	17.44	31.38	17.15		109	Blend	Bag
18-18-21	29536+	19.17	19.75	21.39		106	Mnfr	Bag
18-18-21	30682+	18.93	19.74	22.20		107	Blend	Bag
18-24-16	29538+	19.68	26.23	17.49		109	Mnfr	Bag
30-10-10	29541+	29.66	12.82	11.78		107	Mnfr	Bag
30-10-10	30683+	31.35	10.31	11.08		105	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		105.59	104.33	108.51				
ALL SAMPLES, CV, %		5.45	7.70	5.82				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
ANDERSON CO FARM SERVICE		LAWRENCEBURG	KY					
00-00-60	30233			61.27		102	Mat	Bulk
04-09-14	31833	06.43	09.57	12.63*		97	CM	Bulk
05-11-17	31837	06.23	12.38	17.93		102	CM	Bulk
07-15-18	32192	08.15	15.52	18.56		102	CM	Bulk
08-00-15	31987	09.22		15.73		108	CM	Bulk
10-02-17	31985	10.93	03.00	18.86		105	CM	Bulk
11-20-22	31838	11.11	21.24	23.44		101	CM	Bulk
15-10-20	31986	16.23	11.09	21.31		102	CM	Bulk
18-46-00	30232	17.81	46.01			99	Mat	Bulk
33-00-00	30231	34.18				103	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		104.45	101.68	101.43				
ALL SAMPLES, CV, %		10.14	3.74	5.73				
NUMBER OF ANALYSIS		9	7	8				
Deficiency Rate -		10.00 %						
THE ANDERSONS		MAUMEE	OH					
05-18-18	30759+	08.68	19.98	21.34		122	Blend	Bag
07-10-07	30761+	07.41	11.42	08.00		111	Blend	Bag
10-05-25	30489+	10.37	05.15	25.25		102	Blend	Bag
19-19-19	30689	18.93	19.02	19.66		100	Blend	Bag
28-03-10	32253+	30.33	04.73	09.13*		109	Blend	Bag
30-02-10	32248+	30.84	02.21	09.50		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
BALLARD COUNTY COOP		LACENTER		KY				
05-12-16	29335	05.75	13.28	18.15		107	CM	Bulk
05-12-16	29336	05.53	13.15	17.70		105	CM	Bulk
05-13-17	29269	05.97	13.49	18.48		104	CM	Bulk
05-13-17	29270	06.06	13.54	18.27		104	CM	Bulk
07-18-36	31366	06.65	18.39	37.67		101	CM	Bulk
09-23-30	31363	08.53	22.84	31.43		100	CM	Bulk
09-23-30	31367	08.37	22.90	30.70		99	CM	Bulk
12-30-20	31364	11.27	31.53	19.96		100	CM	Bulk
15-17-22	31361	15.15	17.22	23.02		100	CM	Bulk
15-17-22	31362	14.41	17.05	23.21		98	CM	Bulk
15-17-22	31365	15.45	17.95	21.43		100	CM	Bulk
17-15-19	29065+	16.79	15.45	19.85		100	CM	Bulk
32-00-00	30890	32.00				100	Mat	Liq
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.62	101.16	103.06				
ALL SAMPLES, CV, %		8.63	1.87	3.38				
NUMBER OF ANALYSIS		13	12	12				
Deficiency Rate -		0.00 %						
BANDANA FERTILIZER SERVICE		BANDANA		KY				
00-00-60	29587			60.91		101	Mat	Bulk
04-11-15	29333	05.17	11.04	17.05		104	CM	Bulk
04-11-15	29334	05.40	11.37	16.68		105	CM	Bulk
05-13-17	29332	05.68	12.92	17.92		101	CM	Bulk
07-19-34	29142	08.80	21.25	32.93		104	CM	Bulk
07-19-34	29143	07.91	20.31	35.53		103	CM	Bulk
07-19-34	29144	07.79	19.74	36.00		102	CM	Bulk
07-19-34	29145	07.70	20.00	35.02		101	CM	Bulk
07-19-34	31371	07.01*	18.74	36.40		99	CM	Bulk
Statistical Analysis for Grade : 07-19-34								
Number Samples This Grade :		5						
Average Analysis :		7.84	20.00	35.17		102.0		
CV, %		8.15	4.54	3.85				
09-23-30	31368	08.33	23.42	31.21		101	CM	Bulk
09-23-30	31370	08.88	23.33	29.92		100	CM	Bulk
18-46-00	29586	17.84	46.20			100	Mat	Bulk
46-00-00	29588	45.93				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.13	100.45	103.02				
ALL SAMPLES, CV, %		8.27	3.86	4.21				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -		7.69 %						
BARREN-METCALFE SUPPLY LLC		KNOBLICK		KY				
00-00-22	29500+			22.13		100	Mat	Bulk
00-46-00	29499		45.98			99	Mat	Bulk
17-12-18	32111	17.87	20.94	19.97		119	CM	Bulk
17-17-17	30324	17.51	17.52	18.86		100	CM	Bulk
18-46-00	29497	17.70	46.21			99	Mat	Bulk
19-14-14	30327+	18.72	15.23	15.18		99	CM	Bulk
19-14-14	30328+	18.88	14.87	15.42		99	CM	Bulk
19-19-19	30323	18.78	19.57	20.02		100	CM	Bulk
19-19-19	30326	19.20	19.61	19.95		100	CM	Bulk
19-19-19	30329	18.46	20.20	20.47		101	CM	Bulk
19-19-19	30330	18.90	19.38	20.46		100	CM	Bulk
24-13-17	30325	24.62	13.41	17.77		100	CM	Bulk
24-14-14	30322	24.14	14.28	15.09		100	CM	Bulk
26-08-08	30331	26.91	07.92	08.14		100	CM	Bulk
34-00-00	29496	33.61				98	Mat	Bulk
46-00-00	29498	46.01				100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
BARREN-METCALFE SUPPLY LLC		KNOBLICK		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.93	103.80	103.92				
ALL SAMPLES, CV, %		2.27	17.18	2.08				
NUMBER OF ANALYSIS		14	13	12				
Deficiency Rate -		0.00 %						
BAYER-PURSELL, LLC		BIRMINGHAM		AL				
08-11-05	29664+	08.35	11.30	05.02		102	Mnfr	Bag
12-18-06	29551+	11.94	17.98	06.37		100	Mnfr	Bag
16-08-08	30684+	15.54	08.16	08.37		99	Blend	Bag
BICKETT AGRI CENTER		CENTRAL CITY		KY				
00-00-60	31570			60.40		100	Mat	Bulk
09-23-30	31564	09.49	24.02	29.18		102	CM	Bulk
09-23-30	31565	09.25	22.94	29.57		99	CM	Bulk
09-23-30	31566	09.02	23.45	29.32		100	CM	Bulk
09-23-30	31567	09.04	22.37	30.82		99	CM	Bulk
09-23-30	31568	09.54	23.76	29.81		102	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade :		5						
Average Analysis :		9.26	23.30	29.74		100.8		
CV, %		2.62	2.83	2.18				
18-46-00	31569	17.92	45.91			99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		102.00	100.90	99.57				
ALL SAMPLES, CV, %		2.72	2.61	2.04				
NUMBER OF ANALYSIS		6	6	6				
Deficiency Rate -		0.00 %						
BIG RIVERS AGRI SUPPLY		OWENSBORO		KY				
07-14-07	31709	07.10	13.84	07.54		101	Mnfr	Liq
BLOOMFIELD FERT. & CHEM CO.		BLOOMFIELD		KY				
00-00-60	30623			61.04		101	Mat	Bulk
06-15-40	31536	05.95	15.46	41.21		101	CM	Bulk
10-00-46	31537	10.77		47.60		102	CM	Bulk
12-20-27	31534	12.41	22.69	27.61		104	CM	Bulk
12-20-27	31535	12.19	21.59	27.49		101	CM	Bulk
12-20-27	31538	12.54	22.43	28.08		104	CM	Bulk
12-20-27	31539	12.63	22.41	26.69		102	CM	Bulk
12-20-27	31543	12.01	20.78	28.50		100	CM	Bulk
Statistical Analysis for Grade : 12-20-27								
Number Samples This Grade :		5						
Average Analysis :		12.35	21.98	27.67		102.6		
CV, %		2.05	3.58	2.45				
18-46-00	30624	17.35	46.33			99	Mat	Bulk
23-00-15	31540	22.57		15.61		99	CM	Bulk
23-00-30	32408	22.86		30.45		100	CM	Bulk
24-08-21	31541	24.07	09.37	22.27		102	CM	Bulk
24-11-18	31542	24.01	12.42	19.95		102	CM	Bulk
46-00-00	30625	45.94				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.90	104.43	102.45				
ALL SAMPLES, CV, %		1.91	4.94	2.17				
NUMBER OF ANALYSIS		13	9	12				
Deficiency Rate -		0.00 %						
BLUEGRASS SEED & FERT		BARDSTOWN		KY				
00-00-60	30934			59.97		99	Mat	Bulk
06-17-30	32165	11.00	16.67	26.68*		96*	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
BLUEGRASS SEED & FERT		BARDSTOWN		KY				
09-23-30	29971	08.57	23.03	30.13		99	CM	Bulk
10-03-13	32167	12.29	03.16	14.59		109	CM	Bulk
15-02-15	31907	15.77	03.05	14.87		98	CM	Bulk
16-14-22	32168	16.70	13.59*	23.89		102	CM	Bulk
18-08-09	31906	18.89	08.20	08.98		100	CM	Bulk
18-46-00	30935	17.33	46.52			99	Mat	Bulk
22-11-18	32166	25.89	10.80	14.14*		96*	CM	Bulk
25-12-16	30938	25.58	12.52	17.22		100	CM	Bulk
27-11-15	32173	27.17	11.96	15.74		101	CM	Bulk
29-11-11	30937	29.98	12.39	11.47		101	CM	Bulk
46-00-00	30936	46.16				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		103.98	99.35	97.75				
ALL SAMPLES, CV, %		16.91	4.38	9.26				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -		23.07 %						
BOYD FARM CENTER		CROFTON		KY				
07-18-36	32184	07.56	18.88	37.27		103	CM	Bulk
10-25-26	29323	09.98	25.19	26.94		99	CM	Bulk
18-18-19	31180	17.49	19.82	19.74		101	CM	Bulk
18-18-19	31183	17.25	17.80	21.75		98	CM	Bulk
26-14-14	32185	26.10	14.23	15.73		101	CM	Bulk
26-14-14	32186	25.08	15.71	15.30		101	CM	Bulk
29-12-11	31531	28.77	12.39	12.80		100	CM	Bulk
31-10-10	31181	29.94*	10.50	12.85		99	CM	Bulk
OTIS BRYANT & SON		CANEYVILLE		KY				
00-14-36	31596		15.30	36.83		103	CM	Bulk
00-28-22	31504		29.18	22.22		100	CM	Bulk
00-36-11	30484		37.07	11.10		100	CM	Bulk
09-23-30	31506	08.30	22.22	31.90		99	CM	Bulk
10-25-26	31505	09.96	25.89	26.59		99	CM	Bulk
19-19-19	31507	18.70	19.98	20.20		100	CM	Bulk
19-19-19	31598	19.22	20.52	19.38		102	CM	Bulk
19-19-19	31599	18.76	19.68	20.42		100	CM	Bulk
20-23-15	31503	20.16	26.85	12.15*		103	CM	Bulk
25-15-15	31597	26.93	19.12	10.12*		105	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.17	104.87	98.06				
ALL SAMPLES, CV, %		4.40	8.39	12.98				
NUMBER OF ANALYSIS		7	10	10				
Deficiency Rate -		20.00 %						
BURKESVILLE FERTILIZER CO		BURKESVILLE		KY				
00-00-60	29840			60.19		100	Mat	Bulk
04-10-43	30336	04.14	10.88	44.50		101	CM	Bulk
12-24-24	30342	12.26	24.72	24.50		100	CM	Bulk
12-24-24	30344	11.60	24.64	26.05		100	CM	Bulk
17-17-17	30341	17.07	17.88	19.11		101	CM	Bulk
18-46-00	29841	17.56	45.57			98	Mat	Bulk
19-19-19	30345	18.75	19.68	20.27		100	CM	Bulk
33-00-00	29843	33.95				101	Mat	Bulk
46-00-00	29842	45.97				99	Mat	Bulk
C & F SUPPLY INC		HISEVILLE		KY				
00-00-60	29592			61.22		102	Mat	Bulk
06-16-27	29970+	06.58	16.70	27.41		100	CM	Bulk
06-17-34	29976+	06.31	16.51	37.65		100	CM	Bulk
08-23-26	29998	10.03	25.15	26.93		106	CM	Bulk
09-25-25	29965	09.72	24.55	28.66		100	CM	Bulk
14-14-14	29966	15.78	14.54	15.30		104	CM	Bulk
15-24-19	30000	15.59	26.16	19.18		101	CM	Bulk
18-24-12	29969	17.93	23.97	13.16		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
C & F SUPPLY INC								
		HISEVILLE	KY					
18-46-00	29591	17.68	45.06			98	Mat	Bulk
20-14-18	29967	21.30	16.87	18.92		104	CM	Bulk
20-14-18	29968	21.57	16.56	20.54		106	CM	Bulk
29-11-11	29999	29.01	12.42	12.63		100	CM	Bulk
34-00-00	29590	33.33				98	Mat	Bulk
46-00-00	29593	45.61				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.00	101.26	104.07				
ALL SAMPLES, CV, %		5.29	6.03	3.96				
NUMBER OF ANALYSIS		13	11	11				
Deficiency Rate -		0.00 %						
CAMERON CHEMICALS INC								
		SUFFOLK	VA					
00-00-00	31066+						Mat	Bag
00-00-00	31659+						Mat	Bulk
02-00-00	30544+	02.51				100	Mnfr	Bulk
03-00-00	29758+	02.74				91*	Mnfr	Bulk
03-00-00	30389+	02.46*				82*	Blend	Bag
03-00-00	31029+	03.02				100	Mnfr	Bulk
03-00-00	31913+	02.39*				79*	Blend	Bag
CAMPBELLSVILLE CROP SERVICE								
		CAMPBELLSVILL	KY					
12-12-12	31517	11.16*	11.95	15.27		101	CM	Bulk
13-00-36	31513	11.72*		38.64		99	CM	Bulk
16-16-16	31512+	16.42	17.14	17.50		100	CM	Bulk
17-15-25	31519	16.70	14.93	27.25		100	CM	Bulk
17-17-17	31511	17.79	18.25	17.91		101	CM	Bulk
17-17-17	31514	17.25	17.66	18.59		99	CM	Bulk
19-11-17	31518	19.07	11.35	18.72		98	CM	Bulk
19-19-19	31516	19.60	18.25	20.62		99	CM	Bulk
22-09-15	32296	22.58	08.45*	15.65		98	CM	Bulk
27-11-15	31515	26.62	11.02	17.51		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.03	97.77	107.34				
ALL SAMPLES, CV, %		5.10	5.65	6.47				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate -		30.00 %						
CARGILL								
		MINNEAPOLIS	MN					
18-46-00	29507	18.18	46.66			101	Mat	Bulk
CASH VARIETY STORE								
		LORETTO	KY					
04-11-43	31530+	04.91	11.49	43.50		101	CM	Bulk
08-21-29	31520+	08.37	21.38	29.60		100	CM	Bulk
15-20-10	31525+	16.58	21.19	11.26		102	CM	Bulk
15-20-10	31526+	16.06	20.56	10.31		98	CM	Bulk
18-18-18	31522	19.55	17.70	19.40		100	CM	Bulk
19-19-19	31521	17.61*	19.67	21.66		99	CM	Bulk
19-19-19	31523	19.31	20.15	19.11		101	CM	Bulk
19-19-19	31524	19.36	20.21	19.12		101	CM	Bulk
19-19-19	31529	18.15	19.54	21.21		100	CM	Bulk
CAYCE, THOMAS FARM SUPPLY								
		PRINCETON	KY					
00-00-60	29831			59.86		99	Mat	Bulk
04-12-32	29349	05.33	12.94	31.71		103	CM	Bulk
05-26-30	29103	05.66	24.48	30.21		97	CM	Bulk
05-26-30	29104	05.67	25.97	30.71		101	CM	Bulk
05-26-30	29105	05.68	25.74	30.46		100	CM	Bulk
05-26-30	29158	06.07	26.02	30.82		102	CM	Bulk
05-26-30	29159	05.88	25.56	31.41		101	CM	Bulk
05-26-30	29160	06.00	25.50	31.94		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
CAYCE, THOMAS FARM SUPPLY PRINCETON KY								
Statistical Analysis for Grade : 05-26-30								
Number Samples This Grade : 6								
Average Analysis :								
		5.82	25.54	30.92		100.8		
CV, %		3.12	2.20	2.07				
10-26-25	32001	10.28	26.18	27.17		101	CM	Bulk
10-27-22	29929	10.43	27.12	23.49		98	CM	Bulk
10-27-22	29930	11.21	28.65	22.63		102	CM	Bulk
14-14-24	32000	14.35	15.46	25.27		102	CM	Bulk
18-46-00	29829	18.04	46.16			100	Mat	Bulk
18-46-00	29830	17.50	45.85			99	Mat	Bulk
46-00-00	29828	45.92				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.92	99.66	102.32				
ALL SAMPLES, CV, %		4.73	3.15	2.22				
NUMBER OF ANALYSIS		14	13	12				
Deficiency Rate -	0.00 %							
CECILIA FARM SERVICE CECILIA KY								
00-00-60	29570			61.21		102	Mat	Bulk
08-21-31	29124+	08.12	21.13	32.88		101	CM	Bulk
10-26-23	30549	10.09	25.17	24.74		98	CM	Bulk
16-27-16	30923	16.13	29.55	16.40		102	CM	Bulk
18-46-00	29571	17.26	46.43			99	Mat	Bulk
19-19-18	30552	18.36	19.53	20.68		101	CM	Bulk
19-19-19	30548	19.50	20.53	19.65		102	CM	Bulk
19-19-19	30922	19.18	18.21	20.56		98	CM	Bulk
19-23-15	30547	19.81	23.92	16.71		102	CM	Bulk
21-17-18	30921	20.29	18.40	19.45		101	CM	Bulk
22-17-17	30550	21.74	17.90	18.47		101	CM	Bulk
24-14-14	30551	23.88	15.04	15.81		102	CM	Bulk
25-14-15	30924	24.57	15.44	16.03		100	CM	Bulk
46-00-00	29572	45.59				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.01	101.93	104.34				
ALL SAMPLES, CV, %		1.51	3.69	2.97				
NUMBER OF ANALYSIS		13	12	12				
Deficiency Rate -	0.00 %							
CEN. FARMERS SUP. OF GREEN CO. GREENSBURG KY								
00-00-60	29708			61.37		102	Mat	Bulk
04-09-14	32105	05.75	08.99	15.09		103	CM	Bulk
09-24-24	30068	09.98	25.84	24.91		103	CM	Bulk
12-32-17	30074	12.32	32.72	18.35		101	CM	Bulk
12-32-17	30075	12.46	32.88	17.53		100	CM	Bulk
14-14-14	30072	15.22	15.41	16.19		106	CM	Bulk
17-17-17	30071	17.24	16.86	17.56		100	CM	Bulk
18-11-17	32017	18.43	11.71	18.11		102	CM	Bulk
18-27-09	30067	18.60	26.83	09.80		99	CM	Bulk
18-46-00	29706	17.88	46.18			100	Mat	Bulk
19-19-19	30066	18.56	19.85	20.64		100	CM	Bulk
19-19-19	30069	19.31	19.97	20.51		102	CM	Bulk
19-19-19	30070	19.63	19.59	18.63		100	CM	Bulk
19-19-19	30073	19.84	19.95	18.28		100	CM	Bulk
34-00-00	29707	34.50				101	Mat	Bulk
46-00-00	29705	45.87				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.53	101.36	102.68				
ALL SAMPLES, CV, %		5.40	3.14	4.32				
NUMBER OF ANALYSIS		15	13	13				
Deficiency Rate -	0.00 %							
CLEMENTS AGRI SUPPLY SPRINGFIELD KY								
00-00-60	30036			60.19		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
CLEMENTS AGRI SUPPLY		SPRINGFIELD		KY				
15-13-17	31641	14.82	13.77	18.00		100	CM	Bulk
18-46-00	30035	17.52	45.37			98	Mat	Bulk
46-00-00	30037	46.01				100	Mat	Bulk
CORBIN FARM & GARDEN CENTER		CORBIN		KY				
00-00-60	30131			61.76		102	Mat	Bulk
05-20-20	30133	05.24	20.10	20.91		102	Blend	Bag
06-12-12	30132	06.24	12.45	12.62		104	Blend	Bag
10-10-10	30134	08.40*	08.86*	09.48		88*	Blend	Bag
18-46-00	30130	17.91	46.47			100	Mat	Bulk
19-19-19	30135	18.33	17.48*	21.42		98	Blend	Bag
46-00-00	30129	45.99				99	Mat	Bulk
CRITTENDEN FARM SUPPLY		MARION		KY				
00-00-60	31563			60.15		100	Mat	Bulk
05-14-38	31561+	06.07	15.08	39.86		102	CM	Bulk
08-21-27	31554	08.17	21.10	29.62		101	CM	Bulk
09-23-24	31557	09.50	22.86	25.34		101	CM	Bulk
09-24-28	31558	09.41	23.72	29.95		100	CM	Bulk
09-25-27	31559	09.36	23.82	30.36		100	CM	Bulk
18-18-18	31560	18.62	19.51	18.43		103	CM	Bulk
18-46-00	31562	18.02	46.30			100	Mat	Bulk
25-15-15	31555	25.27	15.12	15.32		100	CM	Bulk
25-15-15	31556	24.65	15.13	15.69		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.89	99.54	103.81				
ALL SAMPLES, CV, %		3.53	3.19	3.64				
NUMBER OF ANALYSIS		9	9	9				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		POOLE		KY				
07-18-36	32221	07.49	18.34	35.86		100	CM	Bulk
07-18-36	32222	07.38	17.85	36.90		100	CM	Bulk
09-23-30	32214	08.31	21.46*	31.99		97	CM	Bulk
09-23-30	32215	09.12	23.29	29.70		100	CM	Bulk
09-23-30	32216	08.89	23.07	31.15		101	CM	Bulk
CROP PRODUCTION SVC		CADIZ		KY				
06-29-25	29351	06.40	29.70	26.61		101	CM	Bulk
06-29-25	29352	06.65	30.54	25.81		102	CM	Bulk
08-29-23	29350	08.61	29.84	24.37		101	CM	Bulk
08-39-15	29219	08.88	39.13	15.42		101	CM	Bulk
10-26-26	32002	10.62	26.23	26.51		101	CM	Bulk
10-26-26	32003	10.28	25.89	26.64		100	CM	Bulk
17-34-08	30373	17.31	35.47	08.66		100	CM	Bulk
17-34-08	30374	17.10	34.45	09.51		99	CM	Bulk
17-34-08	30377	17.21	35.70	08.30		100	CM	Bulk
17-34-08	30378	17.33	34.90	08.84		99	CM	Bulk
24-33-00	30375	23.82	32.79			98	CM	Bulk
24-33-00	30376	23.72	33.16			99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.91	100.60	101.56				
ALL SAMPLES, CV, %		3.39	1.28	3.44				
NUMBER OF ANALYSIS		12	12	10				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		CLARKSON		KY				
14-09-15	32244+	15.59	10.36	14.16		99	CM	Bulk
15-14-23	32243	16.22	15.50	23.01		101	CM	Bulk
18-18-18	30472	19.38	18.94	19.09		103	CM	Bulk
19-19-19	30458	18.99	20.76	20.15		105	CM	Bulk
19-19-19	30470	18.30	19.49	21.25		102	CM	Bulk
19-19-19	30471	19.42	19.02	20.66		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
CROP PRODUCTION SVC		CLARKSON		KY				
19-19-19	30475	18.92	18.95	20.47		101	CM	Bulk
19-19-19	30614	17.97	18.95	21.47		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 5								
Average Analysis :		18.72	19.43	20.80		102.5		
CV, %		3.09	3.98	2.63				
23-15-15	30455	22.86	15.38	17.15		100	CM	Bulk
23-15-15	30473	24.34	16.66	15.72		101	CM	Bulk
23-16-16	30469	23.15	15.16	17.55		98	CM	Bulk
24-13-17	30474	25.21	13.36	16.95		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.08	101.95	105.00				
ALL SAMPLES, CV, %		3.44	3.84	5.93				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		CLAY		KY				
09-23-30	32129	09.09	23.29	30.77		101	CM	Bulk
09-23-30	32130	09.12	24.01	30.98		103	CM	Bulk
09-23-30	32131	08.66	23.76	31.15		102	CM	Bulk
09-23-30	32132	09.24	23.58	31.10		102	CM	Bulk
09-23-30	32139	08.96	22.82	31.96		101	CM	Bulk
09-23-30	32140	08.80	23.39	30.14		100	CM	Bulk
09-23-30	32141	09.04	22.55	31.46		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 7								
Average Analysis :		8.98	23.34	31.08		101.9		
CV, %		2.21	2.20	1.81				
16-16-16	32138	17.48	16.06	16.72		104	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.75	101.37	103.65				
ALL SAMPLES, CV, %		3.86	2.08	1.70				
NUMBER OF ANALYSIS		8	8	8				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		GALESBURG		IL				
00-00-50	31712			51.71		103	Mat	Bulk
00-00-50	31758			51.71		103	Mat	Bulk
00-00-50	32220			51.05		102	Mat	Bulk
00-00-60	29135			60.92		101	Mat	Bulk
00-00-60	29490			59.66		99	Mat	Bulk
00-00-60	29628			59.38		98	Mat	Bulk
00-00-60	29777			61.26		102	Mat	Bulk
00-00-60	29940			60.74		101	Mat	Bulk
00-00-60	29952			59.92		99	Mat	Bulk
00-00-60	30002			60.65		101	Mat	Bulk
00-00-60	31155			59.91		99	Mat	Bulk
00-00-60	32135			60.99		101	Mat	Bulk
00-00-60	32219			60.80		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 10								
Average Analysis :		.00	.00	60.42		100.7		
CV, %		.00	.00	1.06				
00-46-00	29136		46.44			100	Mat	Bulk
00-46-00	29491		46.89			101	Mat	Bulk
10-34-00	32133	09.95	32.98			97	Mat	Liq
18-46-00	29134	18.34	45.59			99	Mat	Bulk
18-46-00	29489	17.84	46.35			100	Mat	Bulk
18-46-00	29505	17.82	46.23			100	Mat	Bulk
18-46-00	29775	17.83	46.33			100	Mat	Bulk
18-46-00	29939	17.50	45.33			98	Mat	Bulk
18-46-00	29950	17.56	45.74			98	Mat	Bulk
18-46-00	29951	17.96	46.58			100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
CROP PRODUCTION SVC		GALESBURG		IL				
18-46-00	30001	17.73	45.58			98	Mat	Bulk
18-46-00	31154	17.27	46.05			98	Mat	Bulk
18-46-00	32136	18.43	45.87			100	Mat	Bulk
18-46-00	32137	18.18	45.76			99	Mat	Bulk
18-46-00	32217	17.78	45.65			99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 12								
Average Analysis :		17.85	45.92	.00		99.6		
CV, %		1.89	.83	.00				
28-00-00	29995	28.00				100	Mat	Liq
28-00-00	31917	28.00				100	Mat	Liq
28-00-00	32223	28.00				100	Mat	Liq
32-00-00	29924	31.66				98	Mat	Liq
32-00-00	32134	32.00				100	Mat	Liq
32-00-00	32213	32.00				100	Mat	Liq
46-00-00	29504	46.03				100	Mat	Bulk
46-00-00	29573	46.00				100	Mat	Bulk
46-00-00	29776	46.06				100	Mat	Bulk
46-00-00	29938	46.05				100	Mat	Bulk
46-00-00	29949	45.94				99	Mat	Bulk
46-00-00	30003	45.85				99	Mat	Bulk
46-00-00	32218	45.97				99	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 7								
Average Analysis :		45.98	.00	.00		99.9		
CV, %		.16	.00	.00				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.69	99.90	101.16				
ALL SAMPLES, CV, %		1.32	1.23	1.38				
NUMBER OF ANALYSIS		26	15	13				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		HENDERSON		KY				
03-17-39	29387	03.44	17.35	40.96		100	CM	Bulk
08-20-32	32211	08.16	20.94	33.58		100	CM	Bulk
08-20-32	32212	07.62	20.36	34.45		99	CM	Bulk
09-23-29	32209	09.06	23.11	29.83		99	CM	Bulk
09-23-29	32210	09.25	23.87	29.22		100	CM	Bulk
09-23-30	29442	09.05	24.01	29.62		101	CM	Bulk
09-23-30	29443	09.06	23.67	30.31		101	CM	Bulk
17-08-14	32208	16.51	08.59	14.99		100	CM	Bulk
CROP PRODUCTION SVC		HODGENVILLE		KY				
00-15-38	30607+		15.57	39.61		102	CM	Bulk
10-08-12	32230	09.32	08.02	13.15		99	CM	Bulk
18-18-21	30886	18.10	19.57	21.62		102	CM	Bulk
19-19-19	30566	19.16	20.28	19.69		101	CM	Bulk
19-19-19	30881	19.01	19.57	20.17		102	CM	Bulk
19-19-19	30882	19.38	21.21	18.40		104	CM	Bulk
19-19-19	30888	19.23	20.13	19.82		103	CM	Bulk
19-19-19	30889	19.01	20.26	19.41		103	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 5								
Average Analysis :		19.15	20.29	19.49		103.1		
CV, %		.81	2.90	3.44				
22-16-16	30880	22.34	17.47	17.09		100	CM	Bulk
24-14-16	30606	24.19	14.88	17.48		101	CM	Bulk
27-13-13	30565	27.07	14.03	14.36		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.47	104.62	102.57				
ALL SAMPLES, CV, %		2.42	3.64	2.53				
NUMBER OF ANALYSIS		10	11	11				
Deficiency Rate -		0.00 %						

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
CROP PRODUCTION SVC		HORSECAVE		KY				
10-21-28	30278	10.51	22.48	28.94		102	CM	Bulk
11-29-17	30333	11.61	29.48	16.96		100	CM	Bulk
15-09-13	32016	13.13*	10.63	14.21		100	CM	Bulk
15-09-13	32106+	15.59	09.79	16.41		108	CM	Bulk
18-30-11	30390	18.48	31.29	11.29		101	CM	Bulk
20-10-22	30279	20.35	10.67	23.44		101	CM	Bulk
22-13-19	30277	22.64	13.80	19.85		101	CM	Bulk
23-16-15	30335	23.49	16.81	16.12		100	CM	Bulk
24-15-15	30332	24.22	15.80	16.59		101	CM	Bulk
25-14-14	30280	25.41	15.37	14.95		100	CM	Bulk
26-14-14	30276	25.62	13.65	15.57		99	CM	Bulk
28-12-12	30334	28.88	13.65	12.38		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.08	104.38	103.62				
ALL SAMPLES, CV, %		4.15	4.45	5.10				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		8.33 %						
CROP PRODUCTION SVC		MADISONVILLE		KY				
25-12-16	32365	24.33	13.84	16.44		99	CM	Bulk
25-12-16	32366	24.94	12.62	17.56		99	CM	Bulk
25-12-16	32367	24.37	12.27	17.88		98	CM	Bulk
CROP PRODUCTION SVC		MORGANFIELD		KY				
04-19-34	29393	04.14	19.69	35.16		100	CM	Bulk
04-20-36	29394	04.25	20.47	37.24		101	CM	Bulk
04-21-35	29238	04.82	21.21	35.58		100	CM	Bulk
04-21-35	29240	04.59	21.12	36.36		101	CM	Bulk
04-21-35	29241	04.82	22.27	35.65		103	CM	Bulk
04-21-35	29243	04.75	21.59	35.85		101	CM	Bulk
04-21-35	29244	04.71	21.78	35.93		102	CM	Bulk
Statistical Analysis for Grade : 04-21-35								
Number Samples This Grade :		5						
Average Analysis :		4.73	21.59	35.87		101.7		
CV, %		2.01	2.15	.85				
04-22-33	29239	05.21	24.13	33.61		103	CM	Bulk
07-20-29	29237+	08.13	19.88	29.95		99	CM	Bulk
07-20-29	29242+	08.26	20.55	29.81		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		103.95	101.48	101.08				
ALL SAMPLES, CV, %		3.25	2.74	.95				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		PEMBROKE		KY				
06-31-23	29146	07.15	31.33	24.51		101	CM	Bulk
06-32-21	29275	06.72	32.91	22.53		99	CM	Bulk
06-32-22	29271	06.16*	30.05*	26.41		98	CM	Bulk
06-32-22	29272	06.76	33.48	22.71		102	CM	Bulk
06-32-22	29273	06.85	32.69	23.52		101	CM	Bulk
06-32-22	29274	06.75	32.47	23.36		100	CM	Bulk
09-24-21	29944+	09.64	25.27	22.59		101	CM	Bulk
10-25-22	29943+	09.79	25.67	22.34		99	CM	Bulk
17-29-11	30481	18.06	30.79	11.27		102	CM	Bulk
18-18-18	31705	18.24	17.92	18.75		100	CM	Bulk
19-19-19	30479	18.68	19.63	20.67		100	CM	Bulk
19-19-19	31706	19.31	21.43	17.42*		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.30	100.98	102.72				
ALL SAMPLES, CV, %		4.10	4.02	6.09				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		16.66 %						

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
CROP PRODUCTION SVC		RUSSELLVILLE		KY				
07-29-21	29140	07.50	31.07	22.25		103	CM	Bulk
07-29-21	29166	07.89	30.26	21.52		101	CM	Bulk
08-20-33	29138	07.55	19.77	35.54		100	CM	Bulk
08-20-33	29139	07.73	20.51	35.40		102	CM	Bulk
09-25-27	29133	09.43	25.17	29.88		102	CM	Bulk
10-25-26	29168	10.22	25.05	28.08		100	CM	Bulk
10-26-25	29137	10.09	25.99	27.82		101	CM	Bulk
13-34-14	30536	13.66	34.65	14.42		99	CM	Bulk
14-14-14	29167	15.51	15.49	15.40		104	CM	Bulk
19-18-19	30535	18.05	18.31	22.25		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.61	100.27	105.95				
ALL SAMPLES, CV, %		3.69	3.00	4.29				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		WAVERLY		KY				
03-15-41	29233	03.62	16.65	42.69		104	CM	Bulk
03-16-41	29234	03.66	17.00	40.50		101	CM	Bulk
04-18-38	29232	04.07	18.56	38.19		99	CM	Bulk
04-19-38	29390	04.14	19.39	37.60		100	CM	Bulk
04-19-38	29391	04.13	19.79	37.44		101	CM	Bulk
04-21-35	29389	04.37	21.54	35.26		100	CM	Bulk
04-23-33	29388	05.12	24.99	31.20*		101	CM	Bulk
04-23-33	29392	05.17	24.90	31.81*		102	CM	Bulk
05-26-30	29235	05.17	24.60	32.29		99	CM	Bulk
05-26-30	29236	05.19	24.90	31.74		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.29	101.84	99.82				
ALL SAMPLES, CV, %		5.01	4.76	4.32				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		20.00 %						
CUB RUN MILLING CO.		CUB RUN		KY				
00-17-36	30395		18.23	35.63		101	CM	Bulk
09-09-09	30396	09.25	09.67	09.91		99	CM	Bulk
09-09-14	32229	10.09	09.72	14.80		103	CM	Bulk
17-17-17	30394	17.90	17.76	17.72		100	CM	Bulk
17-17-17	30397	17.53	16.85	18.50		98	CM	Bulk
18-18-18	30004	18.35	18.56	19.67		99	CM	Bulk
19-19-19	30391	18.85	20.61	18.99		101	CM	Bulk
19-19-19	30392	19.17	20.13	19.41		101	CM	Bulk
19-19-19	30393	19.46	20.88	18.42		102	CM	Bulk
19-19-19	30401	18.71	20.26	19.09		100	CM	Bulk
19-19-19	30402	18.80	19.88	19.45		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		5						
Average Analysis :		18.99	20.35	19.07		100.9		
CV, %		1.63	1.94	2.17				
20-12-18	32112	20.80	14.57	18.45		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.60	103.55	100.08				
ALL SAMPLES, CV, %		1.74	4.84	3.13				
NUMBER OF ANALYSIS		11	12	12				
Deficiency Rate -		0.00 %						
DABNEY FEED SUPP OF SOMERSET		SOMERSET		KY				
19-19-19	31385	19.01	19.60	19.54		101	CM	Bulk
19-19-19	31387	20.20	20.60	17.19*		103	CM	Bulk
19-19-19	31388	18.48	19.82	20.49		102	CM	Bulk
19-19-19	31389	18.76	20.77	19.71		104	CM	Bulk
19-19-19	31390	18.44	20.79	19.51		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
DABNEY FEED SUPP OF SOMERSET SOMERSET KY								
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 5								
Average Analysis :								
		18.97	20.31	19.28		103.0		
CV, %								
		3.79	2.77	6.42				
21-11-15	31601	21.39	11.92	15.83		101	CM	Bulk
24-35-00	31602	24.01	34.38			97	CM	Bulk
28-00-22	31386	28.49		22.57		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 99.33								
ALL SAMPLES, CV, % 3.01								
NUMBER OF ANALYSIS 8								
Deficiency Rate - 12.50 %								
DABNEY FEED SUPP OF WILLAILLA BRODHEAD KY								
18-18-20	31395	18.55	17.98	22.12		99	CM	Bulk
19-00-25	31392	19.10		26.37		100	CM	Bulk
19-00-25	31393	19.35		26.88		101	CM	Bulk
19-19-19	31396	18.34	17.34*	22.87		100	CM	Bulk
27-12-13	31394	27.98	11.80	14.12		99	CM	Bulk
28-12-12	31391	28.57	11.74	13.09		98	CM	Bulk
DOMESTIC FERTILIZER INC. PARIS KY								
15-07-06	29561+	16.66	08.01	09.20		118	Blend	Bag
DRAGON CORPORATION ROANOKE VA								
00-00-00	29787+						Mnfr	Liq
03-12-04	29786+	04.08	12.13	04.17		107	Mnfr	Liq
10-10-10	30956+	06.05*	05.29*	07.87*		61*	Blend	Bag
DRAKES FARM SERVICE MORGANTOWN KY								
08-22-30	31170	08.20	21.62	32.02		98	CM	Bulk
09-23-30	31174	08.63	22.67	29.91		98	CM	Bulk
19-19-19	31173	18.71	19.61	19.46		99	CM	Bulk
19-19-19	31175	18.77	19.82	19.81		100	CM	Bulk
19-19-19	31179	18.77	20.11	19.29		100	CM	Bulk
23-15-16	31176	23.85	16.20	15.91		100	CM	Bulk
24-15-16	31172	24.00	15.98	16.33		100	CM	Bulk
25-15-15	31177	24.46	15.82	15.59		100	CM	Bulk
31-10-10	31171	31.34	10.81	10.62		100	CM	Bulk
31-10-10	31178	31.06	11.30	10.24		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 97.89								
ALL SAMPLES, CV, % 2.60								
NUMBER OF ANALYSIS 10								
Deficiency Rate - 0.00 %								
EARTHWORKS MARTINS CREEK PA								
10-02-05	32254+	09.70	01.97	04.95		97	Mnfr	Bag
EASY GARDNER WACO TX								
12-16-12	29558+	14.05	16.03	13.39		108	Blend	Bag
ELKTON CROP SERVICE GUTHRIE KY								
05-27-27	31327	05.84	28.40	27.91		103	CM	Bulk
05-27-27	31328	05.48	28.50	28.55		104	CM	Bulk
10-25-26	31329	09.28	24.76	27.53		98	CM	Bulk
10-27-24	29264	10.42	27.45	25.40		100	CM	Bulk
10-27-24	29265	09.96	27.60	25.22		99	CM	Bulk
10-27-24	29266	09.99	26.81	26.24		99	CM	Bulk
12-32-18	31030	11.52*	30.72	20.66		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ELKTON CROP SERVICE		GUTHRIE		KY				
19-19-19	31326	19.08	19.02	20.18		99	CM	Bulk
24-24-09	31325	23.20	25.20	09.42		100	CM	Bulk
31-13-08	31330	30.45	14.57	08.95		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.17	100.44	105.50				
ALL SAMPLES, CV, %		4.89	4.72	4.02				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
EMERALD ISLE		ANN ARBOR		MI				
12-04-05	32255+	14.07	05.28	04.50*		116	Mnfr	Bag
FAIRPLAY FERTILIZER		FAIRPLAY		KY				
19-19-19	30742	19.42	20.54	19.18		104	CM	Bulk
19-19-19	30743	19.58	19.15	20.18		102	CM	Bulk
19-19-19	30744	19.60	20.20	19.51		104	CM	Bulk
19-19-19	30745	19.48	19.99	19.66		103	CM	Bulk
19-19-19	30746	19.48	19.52	19.81		103	CM	Bulk
19-19-19	30747	20.25	19.60	19.27		104	CM	Bulk
19-19-19	30748	19.82	19.76	19.15		103	CM	Bulk
FARMERS FERTILIZER CO.		KELLEY ROAD		BOWLING GREEN		KY		
19-19-19	30442	19.22	20.12	19.46		101	CM	Bulk
19-19-19	30443	18.58	18.32	19.77		98	CM	Bulk
19-19-19	30530	19.03	19.28	20.47		102	CM	Bulk
19-19-19	30879	18.56	17.64*	21.93		98	CM	Bulk
21-15-20	30446	21.00	17.30	19.12		102	CM	Bulk
30-10-10	30444	30.90	10.68	09.98		103	CM	Bulk
30-10-10	30445	28.85	10.93	09.89		99	CM	Bulk
32-23-00	30447	32.57	22.04			99	CM	Bulk
32-23-00	30448	32.11	22.53			99	CM	Bulk
32-23-00	30449	31.38	24.36			101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.19	101.11	103.65				
ALL SAMPLES, CV, %		2.36	6.58	5.77				
NUMBER OF ANALYSIS		10	10	7				
Deficiency Rate -		10.00 %						
FARMERS FERTILIZER CO.		OLD NASHVILLE ROAD		BOWLING GREEN		KY		
06-15-40	30598	06.02	14.83	40.11		99	CM	Bulk
12-30-20	29256	11.83	30.97	20.75		101	CM	Bulk
12-30-20	29257	11.80	31.26	20.43		101	CM	Bulk
12-30-20	29260	11.83	31.05	20.23		100	CM	Bulk
15-15-15	30593	15.59	16.54	14.77		105	CM	Bulk
15-15-15	30597	14.89	14.78	16.94		102	CM	Bulk
15-15-15	30599	15.15	14.98	14.14		98	CM	Bulk
19-19-19	30596	19.44	20.16	18.85		103	CM	Bulk
21-15-20	30594	21.78	15.65	20.10		101	CM	Bulk
32-20-00	30600	32.21	20.55			99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.24	101.99	101.26				
ALL SAMPLES, CV, %		2.00	3.74	4.99				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate -		0.00 %						
FARMERS FERTILIZER CO.		SMITHS GROVE		KY				
00-00-60	29258			61.33		102	Mat	Bulk
18-46-00	29259	17.91	46.63			100	Mat	Bulk
18-46-00	29526	18.04	46.54			100	Mat	Bulk
19-19-19	30308	18.54	19.04	20.52		101	CM	Bulk
19-19-19	30309	19.79	16.61*	21.09		99	CM	Bulk
19-19-19	30311	19.25	17.39*	21.89		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
FARMERS FERTILIZER CO.		SMITHS GROVE KY						
19-19-19	30315	19.87	18.96	19.61		102	CM	Bulk
30-10-09	30891	31.21	08.82*	09.76		97	CM	Bulk
30-10-10	30312	31.86	10.84	11.10		107	CM	Bulk
30-10-10	30313	32.03	11.06	10.45		107	CM	Bulk
30-10-10	30314	32.39	08.03*	11.97		103	CM	Bulk
30-10-10	30316	31.97	09.28	11.47		104	CM	Bulk
32-23-00	30310	32.09	22.65			99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		103.47	97.74	107.14				
ALL SAMPLES, CV, %		3.29	9.43	6.14				
NUMBER OF ANALYSIS		12	12	10				
Deficiency Rate -		30.76 %						
FARMERS GIN COMPANY		CLINTON KY						
06-15-20	29292	06.57	15.60	19.79		102	CM	Bulk
06-15-20	29294	06.58	16.12	20.74		105	CM	Bulk
07-18-16	29295	07.95	19.06	16.31		103	CM	Bulk
07-18-16	29296	08.21	19.12	16.97		105	CM	Bulk
07-18-16	29297	07.95	18.79	17.21		103	CM	Bulk
07-18-36	31311	06.64	18.13	37.15		99	CM	Bulk
08-22-29	31309+	08.77	22.55	31.07		100	CM	Bulk
09-23-30	29293	08.93	22.73	30.68		100	CM	Bulk
09-23-30	31310	08.55	22.22	31.90		99	CM	Bulk
10-26-25	31312	09.93	25.93	26.38		99	CM	Bulk
10-26-25	31313	09.70	26.70	25.87		99	CM	Bulk
12-30-20	31308	11.55	30.62	21.03		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.75	100.20	103.23				
ALL SAMPLES, CV, %		7.34	2.33	2.23				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		0.00 %						
FELTY CROP SERVICE		BEAVER DAM KY						
00-20-32	29435		21.06	33.09		100	CM	Bulk
00-21-28	29436+	00.14	21.05	29.48		100	CM	Bulk
00-21-28	29437+	00.09	21.49	29.11		100	CM	Bulk
00-21-28	29438+	00.10	21.25	29.37		100	CM	Bulk
00-23-30	29439		22.72	31.88		101	CM	Bulk
00-23-30	29440		23.77	30.50		102	CM	Bulk
09-23-30	31593	08.86	22.57	31.77		101	CM	Bulk
09-23-30	31594	08.92	23.09	30.94		101	CM	Bulk
09-23-30	31595	09.13	23.26	30.77		101	CM	Bulk
19-19-19	31592	19.64	19.87	18.93		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.79	100.15	103.30				
ALL SAMPLES, CV, %		24.92	2.33	2.01				
NUMBER OF ANALYSIS		7	10	10				
Deficiency Rate -		0.00 %						
FLEMING CO. FARM SUPPLY		FLEMINGSBURG KY						
00-00-61	30691			62.33		102	Mat	Bulk
00-00-61	30816			61.63		101	Mat	Bulk
09-09-09	31470	07.83*	07.95*	08.89*		82*	CM	Bulk
11-25-25	31473	11.32	26.37	25.35		101	CM	Bulk
14-14-21	32323	15.56	14.52	20.27*		98	CM	Bulk
18-46-00	30692	17.93	46.20			100	Mat	Bulk
18-46-00	30818	18.04	46.22			100	Mat	Bulk
19-19-19	31465	19.05	19.76	20.14		100	CM	Bulk
19-19-19	31466	18.95	20.21	19.69		100	CM	Bulk
19-19-19	31467	19.00	19.98	19.92		100	CM	Bulk
19-19-19	31468	18.39	19.50	20.56		99	CM	Bulk
19-19-19	31469	18.54	19.45	21.23		100	CM	Bulk
19-19-19	31471	18.95	20.69	19.24		101	CM	Bulk
19-19-19	31472	18.22	19.91	20.61		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
FLEMING CO. FARM SUPPLY		FLEMINGSBURG		KY				
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 7								
Average Analysis :		18.72	19.92	20.19	100.2			
CV, %		1.80	2.15	3.27				
21-12-18	32322	21.25	12.66	18.35		98	CM	Bulk
33-00-00	30690	33.81				100	Mat	Bulk
33-00-00	30814	33.60				100	Mat	Bulk
33-00-00	30815	33.64				100	Mat	Bulk
46-00-00	30693	46.02				100	Mat	Bulk
46-00-00	30817	46.02				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.42	100.61	101.58				
ALL SAMPLES, CV, %		5.63	6.10	5.17				
NUMBER OF ANALYSIS		18	13	13				
Deficiency Rate - 10.00 %								
FRANKLIN CROP SERVICE		FRANKLIN		KY				
04-12-08	30420+	04.87	12.91	08.14		102	CM	Bulk
19-19-19	30417	18.88	19.66	19.99		100	CM	Bulk
19-19-19	30545	18.80	20.54	20.09		102	CM	Bulk
24-13-17	30418	24.38	13.81	17.32		100	CM	Bulk
24-26-05	30419	17.39*	29.10	13.46		99	CM	Bulk
27-30-00	30546	27.54	30.49			100	CM	Bulk
28-12-10	31336+	28.69	13.46	10.04		102	CM	Bulk
28-12-10	31382+	28.20	12.65	10.60		100	CM	Bulk
28-12-10	31383+	27.08	13.65	10.99		101	CM	Bulk
28-12-10	31384+	28.25	13.06	10.46		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.70	105.07	109.60				
ALL SAMPLES, CV, %		9.57	3.40	36.99				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate - 10.00 %								
FREE FLOW FERTILIZER CO.		MAUMEE		OH				
05-10-05	30764+	05.22	11.00	05.59		108	Blend	Bag
20-27-05	29857+	19.82	27.29	04.63		99	Blend	Bag
27-03-08	30760+	26.34	03.45	08.90		101	Blend	Bag
28-03-03	29596+	28.70	03.23	02.16*		101	Blend	Bag
28-04-06	31660+	28.75	04.18	06.29		103	Blend	Bag
30-03-04	31224+	30.73	02.96	04.03		101	Blend	Bag
32-04-08	30763+	31.78	04.33	08.39		100	Blend	Bag
FRIT INDUSTRIES		OZARK		AL				
00-00-00	30211+						Mnfr	Bag
00-00-00	30807+						Mat	Bag
00-00-00	31079+						Mat	Bag
00-00-00	32334+						Mat	Bag
GAMALIEL BULK FERTILIZER INC		GAMALIEL		KY				
19-19-18	30250	19.63	20.34	18.47		100	CM	Bulk
19-19-18	30251	18.51	19.88	20.00		99	CM	Bulk
27-11-15	30102	26.63	09.72*	17.19		97	CM	Bulk
27-11-15	30252	26.38	11.85	16.56		100	CM	Bulk
27-11-15	30253	26.87	12.57	15.35		101	CM	Bulk
27-11-15	30254	27.83	11.48	15.38		101	CM	Bulk
27-11-15	30255	27.18	12.23	15.71		101	CM	Bulk
27-11-15	30303	28.36	11.02	16.51		102	CM	Bulk
Statistical Analysis for Grade : 27-11-15								
Number Samples This Grade : 6								
Average Analysis :		27.20	11.47	16.11	100.7			
CV, %		2.77	8.88	4.64				
30-09-12	30248	29.80	11.31	11.96		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
GAMALIEL BULK FERTILIZER INC		GAMALIEL		KY				
30-09-12	30249	29.40	10.49	13.63		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.48	102.11	105.03				
ALL SAMPLES, CV, %		2.63	8.02	5.90				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
GLENDALE FARM SVC		GLENDALE		KY				
07-34-20	31056	07.52	33.96	19.52		98	CM	Bulk
07-34-20	31057	07.79	35.35	19.12		101	CM	Bulk
10-26-26	29192	10.30	26.75	26.00		101	CM	Bulk
18-18-18	30928	18.19	20.37	18.42		101	CM	Bulk
19-19-19	30929	19.25	19.44	20.44		101	CM	Bulk
19-19-19	30930	19.21	19.91	19.98		101	CM	Bulk
19-19-19	31211	18.66	19.34	19.93		99	CM	Bulk
19-19-19	31213	19.25	18.96	19.74		99	CM	Bulk
26-32-00	31212	24.83	33.38			99	CM	Bulk
29-27-00	31189	28.59	28.00			99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.30	101.45	100.73				
ALL SAMPLES, CV, %		3.33	3.07	3.51				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate -		0.00 %						
GRANT CO FARM SUPPLY		DRY RIDGE		KY				
00-00-50	30653			50.59		101	Mat	Bulk
00-00-50	31777			52.20		104	Mat	Bulk
00-00-60	30654			61.31		102	Mat	Bulk
05-10-15	31675	04.89	09.99	14.81		98	Blend	Bag
09-18-28	31948	09.08	18.47	29.65		101	CM	Bulk
09-23-30	31694	08.69	22.31	30.53		98	CM	Bag
10-04-12	31955	10.56	04.90	13.39		103	CM	Bulk
10-10-10	30649	09.32	10.33	09.99		98	Blend	Bag
15-10-26	31957	15.65	10.80	27.71		103	CM	Bulk
15-15-23	31953	16.61	16.00	23.91		102	CM	Bulk
16-13-24	31958	16.55	13.30	25.95	*	102	CM	Bulk
18-13-20	31954	19.07	14.69	21.75		103	CM	Bulk
18-46-00	30652	17.56	45.59			98	Mat	Bulk
19-04-25	31951	20.31	05.09	25.77		102	CM	Bulk
19-19-19	31778	19.94	19.01	18.87		99	CM	Bulk
21-12-19	31952	20.39	13.02	21.10		103	CM	Bulk
22-12-18	31949	23.26	12.54	18.32		102	CM	Bulk
28-12-12	31956	29.14	13.10	12.96		102	CM	Bulk
36-06-06	31950	37.40	06.78	06.76		101	CM	Bulk
46-00-00	30651	46.19				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.99	100.26	102.83				
ALL SAMPLES, CV, %		3.82	2.62	2.85				
NUMBER OF ANALYSIS		17	16	18				
Deficiency Rate -		0.00 %						
GRAVES CO SOIL ASSN		MAYFIELD		KY				
05-14-18	29316	06.25	14.84	19.19		104	CM	Bulk
05-14-18	29317	06.13	15.01	20.61		107	CM	Bulk
06-16-21	29343	06.84	16.52	22.57		103	CM	Bulk
18-46-00	29344	18.04	46.52			100	Mat	Bulk
23-16-16	30296	22.76	16.51	17.35		99	CM	Bulk
23-16-16	30297	24.13	16.65	16.40		101	CM	Bulk
23-20-13	30298	23.51	20.34	14.41		101	CM	Bulk
24-13-17	30299	23.95	13.16	18.46		99	CM	Bulk
24-13-17	30300	24.32	12.91	18.35		99	CM	Bulk
24-13-17	30301	24.75	13.99	17.87		102	CM	Bulk
24-13-17	30302	23.70	13.74	18.51		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
GRAVES CO SOIL ASSN		MAYFIELD		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.75	101.33	105.82				
ALL SAMPLES, CV, %		5.18	2.67	2.82				
NUMBER OF ANALYSIS		11	11	10				
Deficiency Rate -		0.00 %						
GREEN CHARGER FERT. CORP.		RICHMOND		VA				
04-16-04	30195	04.52	16.53	04.71		106	Blend	Bag
04-16-04	30511	04.80	16.36	04.13		105	Blend	Bag
04-16-04	30854	04.77	15.66	04.26		102	Blend	Bag
04-16-04	31271	05.07	17.40	04.29		111	Blend	Bag
06-24-24	29127	06.22	24.08	25.28		102	Blend	Bag
06-24-24	30122	07.67	26.14	21.89*		105	Blend	Bag
06-24-24	30941	05.63	22.82	25.78		98	Blend	Bag
06-24-24	31822	06.06	21.24*	27.06		98	Blend	Bag
06-24-24	31915	05.74	22.90	25.97		99	Blend	Bag
Statistical Analysis for Grade : 06-24-24								
Number Samples This Grade : 5								
Average Analysis :		6.26	23.43	25.19		100.9		
CV, %		13.10	7.75	7.77				
07-00-00	31273+	08.07				115	Mat	Bag
10-10-10	30741	08.99*	09.15	10.34		93*	Blend	Bag
10-10-10	30943	09.29	08.65*	11.02		94*	Blend	Bag
10-10-10	31182	09.25	08.90*	10.43		93*	Blend	Bag
10-10-10	31764	09.28	09.09*	10.39		94*	Blend	Bag
10-10-10	31823	08.77*	09.71	11.50		97	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 5								
Average Analysis :		9.11	9.10	10.73		94.8		
CV, %		2.51	4.31	4.73				
15-15-15	30121	15.25	15.02	16.03		102	Blend	Bag
15-15-15	30942	12.99*	13.89*	15.94		93*	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.52	97.55	106.02				
ALL SAMPLES, CV, %		13.47	7.09	5.51				
NUMBER OF ANALYSIS		17	16	16				
Deficiency Rate -		47.05 %						
GREENLEAF PLANT FOOD INC		DANVILLE		KY				
00-00-60	29698			59.65		99	Mat	Bulk
00-10-41	31358+		09.84	42.52		99	CM	Bulk
00-10-41	31359+		10.95	42.91		102	CM	Bulk
05-10-10	30980	05.86	12.29	10.41		116	Blend	Bag
05-10-10	31716	05.51	10.80	09.68		105	Blend	Bag
05-10-15	30137	03.88*	08.01*	16.37		95*	Blend	Bag
05-10-15	31606	05.87	10.83	15.33		106	Blend	Bag
05-10-15	32362	04.63	08.75*	19.06	*	110	Blend	Bag
05-14-37	31408+	05.48	14.53	38.84		101	CM	Bulk
05-20-20	31126	05.81	21.71	17.32*		102	Blend	Bag
05-20-20	31264	04.98	20.27	18.24*		97	Blend	Bag
05-20-20	31482	05.15	20.93	17.38*		98	Blend	Bag
05-20-20	31527	04.96	18.16*	21.09		96*	Blend	Bag
05-20-20	31736	06.85	24.69	16.37*		111	Blend	Bag
Statistical Analysis for Grade : 05-20-20								
Number Samples This Grade : 5								
Average Analysis :		5.55	21.15	18.08		101.4		
CV, %		14.50	11.23	10.00				
06-12-12	30033	05.72	18.32	16.59		135	Blend	Bag
06-12-12	30767	05.79	11.33	12.76		98	Blend	Bag
06-12-12	30772	04.03*	09.27*	16.76		92*	Blend	Bag
06-12-12	30978	06.73	15.52	12.29		117	Blend	Bag
06-12-12	31266	03.41*	06.58*	11.57		67*	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
GREENLEAF PLANT FOOD INC		DANVILLE		KY				
Statistical Analysis for Grade : 06-12-12								
Number Samples This Grade : 5								
Average Analysis :		5.13	12.20	13.99		102.2		
CV, %		26.68	38.73	17.75				
06-15-40	31360	05.81	14.71	41.82		100	CM	Bulk
08-20-27	31357+	08.39	20.90	28.44		101	CM	Bulk
10-10-10	29972	10.14	10.22	09.98		101	Blend	Bag
10-10-10	30030	09.92	09.97	10.02		99	Blend	Bag
10-10-10	30046	09.72	10.20	10.60		101	Blend	Bag
10-10-10	30140	08.69*	08.27*	11.28		91*	Blend	Bag
10-10-10	30628	08.36*	07.05*	10.62		83*	Blend	Bag
10-10-10	30766	09.59	10.75	11.23		104	Blend	Bag
10-10-10	30977	08.78*	09.27	09.44		91*	Blend	Bag
10-10-10	31124	10.46	09.80	09.72		100	Blend	Bag
10-10-10	31483	08.58*	12.48	10.91		106	Blend	Bag
10-10-10	31528	10.76	13.44	12.06		121	Blend	Bag
10-10-10	31600	08.31*	08.57*	09.82		87*	Blend	Bag
10-10-10	31637	10.08	08.12*	10.52		94*	Blend	Bag
10-10-10	31700	08.54*	09.04*	10.63		92*	Blend	Bag
10-10-10	31786	09.67	08.79*	10.36		94*	Blend	Bag
10-10-10	32198	11.08	10.72	09.65		106	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 15								
Average Analysis :		9.51	9.77	10.45		98.3		
CV, %		9.59	16.99	6.85				
10-10-15	31783	10.36	10.43	17.03		108	Blend	Bulk
10-20-20	31719	09.94	17.59*	20.00		94*	Blend	Bag
10-20-20	31897	08.32*	18.13*	19.95		91*	Blend	Bag
10-20-20	32349	11.98	24.15	15.50*		108	Blend	Bag
12-12-12	30031	13.88	13.76	11.18		110	Blend	Bag
12-12-12	30047	10.96*	09.49*	12.63		89*	Blend	Bag
12-12-12	31638	11.04	12.13	12.26		97	Blend	Bag
12-12-12	31718	10.80*	10.70*	12.73		93*	Blend	Bag
12-24-24	30029	12.74	25.54	21.65*		101	Blend	Bag
12-24-24	32351	12.47	24.57	22.30*		100	Blend	Bag
15-15-15	30769	11.78*	11.13*	16.96		84*	Blend	Bag
15-15-15	30770	12.36*	10.92*	19.47		89*	Blend	Bag
15-15-15	31481	11.71*	10.23*	17.54		83*	Blend	Bag
15-15-15	31697	14.45	13.89*	16.36		100	Blend	Bag
15-15-15	31698	14.39	16.98	14.34		102	Blend	Bag
15-15-15	32352	16.26	19.52	14.03		113	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade : 6								
Average Analysis :		13.49	13.77	16.45		95.6		
CV, %		13.57	27.35	12.42				
18-46-00	29699	18.15	45.63			99	Mat	Bulk
19-19-19	30032	20.05	20.72	17.40*		103	Blend	Bag
19-19-19	30048	18.80	20.62	19.15		103	Blend	Bag
19-19-19	30141	18.63	18.41	20.74		100	Blend	Bag
19-19-19	30768	18.14	17.31*	21.80		98	Blend	Bag
19-19-19	30771	18.92	17.86	19.57		98	Blend	Bag
19-19-19	30979	19.15	26.41	14.36*		109	Blend	Bag
19-19-19	31121	19.96	15.25*	20.13		95*	Blend	Bag
19-19-19	31122	18.79	18.92	20.31		101	Blend	Bag
19-19-19	31125	17.93	18.12	21.05		98	Blend	Bag
19-19-19	31265	18.98	23.90	16.11*		106	Blend	Bag
19-19-19	31480	17.57	17.05*	22.90		97	Blend	Bag
19-19-19	31576	19.39	20.10	18.55		102	Blend	Bag
19-19-19	31604	19.85	19.22	18.74		101	Blend	Bulk
19-19-19	31605	18.25	21.70	18.25		103	Blend	Bulk
19-19-19	31696	18.87	19.71	18.66		100	Blend	Bag
19-19-19	31717	18.89	16.87*	20.78		97	Blend	Bag
19-19-19	31785	18.81	18.12	19.77		98	Blend	Bag
19-19-19	31816	20.22	20.13	17.59*		102	Blend	Bag
19-19-19	32350	17.54	27.55	14.21*		108	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
GREENLEAF PLANT FOOD INC DANVILLE KY								
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 19								
Average Analysis : 18.88 19.89 18.95 101.5								
CV, % 4.15 15.95 12.16								
20-10-10	30034	22.48	09.18	09.31		103	Blend	Bag
22-16-17	31409	22.76	16.52	17.46		100	CM	Bulk
22-16-17	31410	21.96	17.12	17.88		100	CM	Bulk
23-00-30	31784	24.01		30.06		102	Blend	Bulk
30-00-20	31411	30.00		20.73		99	CM	Bulk
34-00-00	29697	33.86				99	Mat	Bulk
46-00-00	29700	46.20				100	Mat	Bulk
46-00-00	31123	46.01				100	Mat	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.41 101.13 101.66								
ALL SAMPLES, CV, % 11.91 17.56 11.53								
NUMBER OF ANALYSIS 77 74 76								
Deficiency Rate - 46.25 %								
GREEN LIGHT CO SAN ANTONIO TX								
12-55-06	29754+	12.70	56.09	06.63		103	Blend	Bag
GREEN RIVER FEED MILL MORGANTOWN KY								
19-19-19	31158	18.97	19.64	20.03		100	CM	Bulk
19-19-19	31159	19.41	19.63	20.97		102	CM	Bulk
19-19-19	31165	18.91	20.15	19.85		101	CM	Bulk
19-19-19	31166	19.75	19.62	19.85		101	CM	Bulk
19-19-19	31167	18.36	19.37	20.61		99	CM	Bulk
19-19-19	31168	19.08	19.47	20.03		100	CM	Bulk
19-19-19	31169	18.58	18.32	20.86		98	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 7								
Average Analysis : 19.00 19.45 20.31 100.6								
CV, % 2.47 2.86 2.38								
24-15-15	30792	25.99	15.46	14.91		101	CM	Bulk
26-14-14	31162	25.54	14.25	16.34		100	CM	Bulk
31-09-12	31156	30.83	10.98	11.43		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 99.31 101.26 103.68								
ALL SAMPLES, CV, % 3.42 6.43 5.54								
NUMBER OF ANALYSIS 10 10 10								
Deficiency Rate - 0.00 %								
GRIFFIN INDUSTRIES INC COLD SPRING KY								
05-06-06	29288+	05.95	07.17	06.79		117	Blend	Bag
05-06-06	31742+	06.62	07.90	04.29*		116	Blend	Bag
07-01-14	29286+	07.73	02.25	13.15		109	Blend	Bag
07-01-14	31743+	07.64	04.21	14.94		127	Blend	Bag
08-03-05	29287+	08.48	02.95	04.89		102	Blend	Bag
08-03-05	31744+	08.91	02.68	04.00*		99	Blend	Bag
10-02-08	29285+	10.71	02.64	07.31*		105	Blend	Bag
10-02-08	31746+	10.60	02.29	07.89		104	Blend	Bag
12-02-06	29289+	16.92	02.42	06.07		131	Blend	Bag
15-02-08	31745+	15.33	02.52	05.50*		96*	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 113.66 132.25 93.53								
ALL SAMPLES, CV, % 11.08 22.07 15.88								
NUMBER OF ANALYSIS 10 10 10								
Deficiency Rate - 40.00 %								
GRO TEC INC MADISON GA								
06-10-10	29657	06.33	09.71	10.68		101	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
GRO TEC INC		MADISON		GA				
06-10-10	29879	06.40	10.54	09.76		103	Mnfr	Bag
06-10-10	30016	06.55	11.80	10.38		111	Blend	Bag
06-12-00	29666+	06.79	12.59			107	Mat	Bag
08-12-04	29671	08.38	11.40	04.82		101	Mnfr	Bag
08-12-04	29878	08.74	14.60	04.72		116	Mnfr	Bag
08-12-04	30017	09.15	13.13	05.02		112	Blend	Bag
08-16-16	29780	10.04	15.29	17.57		106	Mnfr	Bag
10-10-10	29779	13.03	13.21	14.13		133	Mnfr	Bag
12-00-00	29667+	12.32				102	Mat	Bag
13-04-05	29668+	15.12	05.47	07.54		125	Mnfr	Bag
16-10-09	29778	16.50	10.23	10.40		105	Mnfr	Bag
16-10-09	30226	17.73	13.79	07.25*		114	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		111.44	110.75	112.38				
ALL SAMPLES, CV, %		7.52	14.06	16.94				
NUMBER OF ANALYSIS		13	12	11				
Deficiency Rate -		7.69 %						
HANCOCK COUNTY FARM SUPPLY		HAWESVILLE		KY				
06-24-24	31052+	06.11	24.16	24.66		99	CM	Bulk
19-19-19	31046	18.93	19.35	19.77		99	CM	Bulk
19-19-19	31047	19.07	19.98	19.00		100	CM	Bulk
19-19-19	31048	19.30	20.61	19.44		102	CM	Bulk
19-19-19	31049	18.44	20.38	18.97		100	CM	Bulk
19-19-19	31050	19.79	19.67	19.14		101	CM	Bulk
19-19-19	31051	18.68	18.91	20.70		99	CM	Bulk
19-19-19	31053	18.74	20.06	19.63		100	CM	Bulk
19-19-19	31054	18.99	18.77	19.99		98	CM	Bulk
19-19-19	31055	19.07	20.36	18.91		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 9								
Average Analysis :		19.00	19.78	19.50		100.4		
CV, %		2.04	3.33	3.02				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.04	102.05	100.76				
ALL SAMPLES, CV, %		1.99	3.54	2.73				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
HARDINSBURG FARM SUPPLY		HARNED		KY				
12-06-37	31040	11.99	07.29	38.41		100	CM	Bulk
19-19-19	31018	19.23	19.72	18.78		99	CM	Bulk
19-19-19	31042	16.85*	20.20	21.91		99	CM	Bulk
23-16-16	31041	22.18	16.34	16.94		97	CM	Bulk
24-15-15	31016	25.10	11.66*	16.04		93*	CM	Bulk
25-15-15	31014	24.74	14.85	14.85		98	CM	Bulk
26-14-14	31015	26.58	14.86	14.89		102	CM	Bulk
27-18-00	31017	26.95	19.68			101	CM	Bulk
29-10-13	31013	29.19	10.00	13.86		99	CM	Bulk
32-23-00	31043	31.66	23.34			100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.93	99.34	102.42				
ALL SAMPLES, CV, %		4.87	9.73	4.85				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate -		20.00 %						
HELENA CHEMICAL COMPANY		SPRINGFIELD		KY				
07-14-07	31652	07.13	13.95	07.16		100	Blend	Liq
07-14-07	31723	07.14	14.00	07.23		101	Blend	Liq
HENRY FARMERS COOP		HAZEL		KY				
00-00-60	29986			60.85		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
HENRY FARMERS COOP		HAZEL		KY				
05-15-19	29330	06.21	14.71	21.76		102	CM	Bulk
05-15-19	29331	06.54	15.52	21.75		106	CM	Bulk
09-23-30	29216	08.67	21.43*	32.43		98	CM	Bulk
09-23-30	29254	08.93	23.28	29.84		100	CM	Bulk
09-23-30	29989	08.40	21.78	31.85		98	CM	Bulk
09-23-30	29990	09.05	23.67	29.88		101	CM	Bulk
09-23-30	31019	08.62	21.87	31.53		98	CM	Bulk
09-23-30	31580	08.42	21.70	32.49		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :								
		8.68	22.28	31.33		99.5		
CV, %		3.04	4.21	3.82				
10-26-25	31579	10.23	26.36	26.98		101	CM	Bulk
18-46-00	29987	17.74	46.25			100	Mat	Bulk
34-00-00	29988	33.17				97	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.31	98.32	104.61				
ALL SAMPLES, CV, %		5.01	3.76	3.78				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate -		8.33 %						
HOFFMAN A. H.		LANCASTER		NY				
05-20-10	30834	06.38	20.67	10.43		107	Blend	Bag
IRONITE PRODUCTS COMPANY		SCOTTSDALE		AZ				
06-02-01	29793+	08.26	02.10	02.16		135	Mnfr	Liq
06-02-01	32281+	07.96	02.10	02.11		131	Blend	Liq
JANES FERT. & FARM SUPPLY		COLUMBIA		KY				
11-29-20	30751	11.62	29.34	21.19		100	CM	Bulk
19-19-19	30754	19.31	19.73	18.59		99	CM	Bulk
19-19-19	30755	19.11	18.82	20.16		99	CM	Bulk
19-19-19	30756	19.36	20.27	18.97		101	CM	Bulk
19-19-19	30757	19.12	19.13	20.35		100	CM	Bulk
22-11-21	30749	22.17	11.93	23.49		102	CM	Bulk
22-11-21	30750	22.33	11.62	22.62		101	CM	Bulk
22-11-21	30758	21.58	13.33	22.28		103	CM	Bulk
JEFFERSONVILLE RIVER TERMINAL		JEFFERSONVILL		IN				
00-00-60	30049			61.02		101	Mat	Bulk
18-46-00	30051	17.40	45.48			98	Mat	Bulk
34-00-00	30052	34.14				100	Mat	Bulk
34-00-00	32272	33.02				97	Mat	Bulk
46-00-00	29623	45.69				99	Mat	Bulk
46-00-00	30050	46.13				100	Mat	Bulk
JRM CHEMICAL		CLEVELAND		OH				
07-07-07	30225	11.21	04.66*	13.66		131	Blend	Bag
KEES FARM SERVICE, INC.		GRAYSON		KY				
00-00-50	31234			50.67		101	Mat	Bulk
00-00-60	31231			61.21		102	Mat	Bulk
09-18-27	32056	08.82	18.61	28.83		101	CM	Bulk
16-10-15	32060	16.18	10.70	16.06		99	CM	Bulk
18-10-15	32058	18.42	10.89	16.14		102	CM	Bulk
18-10-15	32059	18.11	11.18	15.80		102	CM	Bulk
18-46-00	31233	17.18	45.65			98	Mat	Bulk
19-19-19	32052	19.47	20.40	19.32		102	CM	Bulk
19-19-19	32053	18.47	19.85	19.17		99	CM	Bulk
20-12-18	32061	20.24	12.51	19.74		100	CM	Bulk
28-10-11	32054	28.48	10.78	11.96		100	CM	Bulk
28-10-11	32055	28.35	11.08	11.20		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
KEES FARM SERVICE, INC.		GRAYSON		KY				
34-18-00	32057	34.19	18.47			99	CM	Bulk
46-00-00	31232	46.08				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.35	101.84	101.65				
ALL SAMPLES, CV, %		2.37	2.56	2.54				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -		0.00 %						
KENTUCKY FERTILIZER WORKS		WINCHESTER		KY				
00-20-20	30835+		19.16	21.48		100	Blend	Bag
05-10-15	30339	05.40	10.67	15.60		105	Blend	Bag
05-10-15	31059	04.87	09.63	14.09		95*	Blend	Bag
09-18-27	30839	10.01	19.26	25.33*		100	Blend	Bag
19-19-19	30589	18.01	20.85	20.90		104	Blend	Bag
19-19-19	31058	18.67	20.39	18.88		102	Blend	Bag
19-19-19	31063	19.61	19.21	18.83		101	Blend	Bag
19-19-19	31150	18.96	19.10	21.11		102	Blend	Bag
19-19-19	31484	18.03	19.01	20.83		100	Blend	Bag
19-19-19	31624	19.47	19.61	19.32		102	Blend	Bag
19-19-19	31632	18.96	19.29	20.13		101	Blend	Bag
19-19-19	31633	18.32	19.43	20.77		101	Blend	Bag
19-19-19	31682	19.14	19.39	19.61		101	Blend	Bag
19-19-19	31685	18.96	19.54	20.36		102	Blend	Bag
19-19-19	31701	18.20	18.57	20.61		99	Blend	Bag
19-19-19	31722	19.95	19.49	18.91		102	Blend	Bag
19-19-19	31724	18.78	18.66	20.95		101	Blend	Bag
19-19-19	31895	19.00	18.68	20.38		101	Blend	Bag
19-19-19	32297	18.80	19.73	19.67		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 15								
Average Analysis :		18.85	19.39	20.08		101.8		
CV, %		2.98	3.17	4.06				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.71	101.94	104.35				
ALL SAMPLES, CV, %		4.36	3.76	5.11				
NUMBER OF ANALYSIS		18	19	19				
Deficiency Rate -		10.52 %						
KNOX FERTILIZER CO., INC.		KNOX		IN				
05-10-05	29723	05.09	10.03	05.17		101	Blend	Bag
18-24-16	29722+	17.88	24.51	16.19		101	Blend	Bag
27-03-03	29717+	27.85	03.52	04.15		106	Blend	Bag
LEBANON SEABOARD		LEBANON		PA				
10-16-20	29115+	10.38	15.18	20.09		99	Mnfr	Bag
16-16-16	30492+	15.78	17.02	16.67		103	Blend	Bag
17-03-17	32252+	18.24	02.96	18.02		105	Blend	Bag
20-04-10	30491+	19.98	04.75	10.39		103	Mnfr	Bag
27-03-05	32250+	26.47	03.33	06.65		105	Blend	Bag
LESCO INC		STRONGSVILLE		OH				
18-24-12	29066+	18.23	22.80	16.50		103	Mnfr	Bag
19-03-07	30957+	17.41*	03.86	09.02		102	Blend	Bag
24-05-11	29067+	25.14	06.73	14.09		112	Mnfr	Bag
24-05-11	30674+	22.93	06.73	13.62		106	Blend	Bag
24-05-11	30738+	23.84	07.12	13.90		110	Blend	Bag
32-03-08	30675+	31.76	05.13	09.99		108	Blend	Bag
LIVINGSTON CO FARM STORE		SMITHLAND		KY				
20-20-16	31111	20.19	21.56	16.66		100	CM	Bulk
23-20-13	31112	23.31	21.01	13.50		101	CM	Bulk
23-20-13	31114	23.52	20.80	13.10		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
LIVINGSTON CO FARM STORE		SMITHLAND		KY				
23-20-13	31115	23.78	20.52	13.21		100	CM	Bulk
29-11-11	31113	29.38	11.30	13.03		100	CM	Bulk
LYONCO FARM SUPPLY INC		TOMPKINSVILLE		KY				
07-18-36	30245	07.46	19.22	35.06		101	CM	Bulk
07-20-26	30247	08.65	21.48	26.16		104	CM	Bulk
18-17-22	30243	17.73	17.60	23.51		100	CM	Bulk
19-19-19	30238	19.07	19.70	20.32		101	CM	Bulk
19-19-19	30239	19.14	20.48	18.96		101	CM	Bulk
19-19-19	30241	18.61	19.85	20.29		100	CM	Bulk
19-19-19	30242	19.80	19.99	18.09*		100	CM	Bulk
19-19-19	30244	18.72	21.34	19.43		102	CM	Bulk
19-19-19	30246	18.73	20.43	19.90		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis :								
		19.01	20.29	19.49		101.3		
CV, %								
		2.31	2.94	4.43				
23-12-16	30240	23.38	15.05	14.50*		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.00	105.84	99.59				
ALL SAMPLES, CV, %		4.29	5.43	5.18				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate - 20.00 %								
MARSHALL CTY SOIL IMP. ASSOC.		BENTON		KY				
07-05-05	31026	07.15	06.66	05.54		104	CM	Bulk
08-22-28	31021	09.03	23.22	28.12		101	CM	Bulk
09-07-08	31099	09.50	07.69	08.16		101	CM	Bulk
13-22-22	31109	13.46	22.73	22.85		100	CM	Bulk
14-14-14	29101	13.96	13.89	15.21		99	CM	Bulk
17-10-28	31110	17.58	10.87	28.74		100	CM	Bulk
17-17-17	31020	17.94	17.61	17.41		99	CM	Bulk
17-17-17	31108	17.49	17.82	18.07		100	CM	Bulk
19-19-19	31027	18.77	19.70	18.54		98	CM	Bulk
21-17-17	31591	21.77	18.84	17.48		102	CM	Bulk
25-14-15	31022	25.18	15.43	15.04		101	CM	Bulk
34-00-00	29102	33.15				97	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.34	102.19	100.23				
ALL SAMPLES, CV, %		2.31	4.30	2.96				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate - 0.00 %								
MARTIN MARIETTA MAGNESIA SPEC		MANISTEE		MI				
00-00-00	29735+						Mat	Bag
00-00-00	29896+						Mat	Bag
00-00-00	30806+						Mat	Bag
00-00-00	31083+						Mat	Bag
MARTIN RESOURCES		KILGORE		TX				
00-00-00	30210+						Mnfr	Bag
00-00-00	30621+						Mat	Bag
00-00-00	30733+						Mat	Bag
00-00-00	31080+						Mat	Bag
00-00-00	31210+						Mat	Bag
MATHIS FARM SUPPLY		MELBER		KY				
05-14-19	29339	06.36	15.29	20.83		105	CM	Bulk
05-14-19	29340	06.33	15.09	20.15		103	CM	Bulk
05-14-19	29341	06.64	15.63	19.78		105	CM	Bulk
05-14-19	29342	06.43	15.26	21.00		106	CM	Bulk
07-18-18	29337	08.60	21.30	23.92		116	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
MATHIS FARM SUPPLY		MELBER		KY				
07-19-19	29338	07.67	18.42	20.90		101	CM	Bulk
09-23-30	29313	08.97	24.01	29.30		101	CM	Bulk
22-10-13	30583	21.70	10.38	15.17		100	CM	Bulk
22-10-13	30584	21.71	09.73	14.46		97	CM	Bulk
22-10-13	30585	21.84	10.18	14.96		99	CM	Bulk
32-00-00	32417	32.00				100	Mat	Liq
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.60	102.60	107.82				
ALL SAMPLES, CV, %		7.44	4.95	6.90				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate -		0.00 %						
MAYFIELD GRAIN CO		MAYFIELD		KY				
00-00-60	29511			61.33		102	Mat	Bulk
06-15-20	29314	06.42	15.07	20.64		98	CM	Bulk
06-15-20	29315	06.73	14.90	22.38		101	CM	Bulk
06-15-40	30126	05.83	15.18	41.51		101	CM	Bulk
07-18-24	29114	07.82	18.85	25.10		102	CM	Bulk
08-22-30	29411	08.76	23.63	30.12		100	CM	Bulk
08-22-30	29412	09.32	23.39	30.31		101	CM	Bulk
08-22-30	29413	08.49	22.72	31.76		100	CM	Bulk
12-20-27	29291	11.87	21.24	27.98		100	CM	Bulk
12-30-20	30124	11.91	31.02	20.27		100	CM	Bulk
12-30-20	30125	11.77	30.74	20.69		100	CM	Bulk
18-46-00	29510	18.04	46.61			101	Mat	Bulk
32-00-00	30057	32.00				100	Mat	Liq
34-00-00	29512	34.14				100	Mat	Bulk
46-00-00	29509	46.04				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.02	100.12	102.73				
ALL SAMPLES, CV, %		3.92	2.82	2.40				
NUMBER OF ANALYSIS		14	11	11				
Deficiency Rate -		0.00 %						
MAYSLICK MILL		MAYSLICK		KY				
02-07-28	31479+	02.65	06.58	30.84		102	CM	Bulk
03-09-37	31096+	03.78	08.45	38.12		99	CM	Bulk
04-10-41	31092+	03.98	10.09	42.07		99	CM	Bulk
08-11-40	31095	07.80	11.16	41.37		99	CM	Bulk
12-12-12	31477	12.15	13.50	14.74		103	CM	Bulk
12-17-23	31090	09.58*	14.61*	30.80		97	CM	Bulk
14-21-21	31478	13.99	21.54	22.55		100	CM	Bulk
19-12-24	31091	16.12*	14.09	28.16		100	CM	Bulk
19-19-19	31474	19.08	18.64	20.46		98	CM	Bulk
19-21-17	31475	19.30	22.55	18.07		101	CM	Bulk
26-00-23	31094	27.28		23.82		100	CM	Bulk
42-05-00	31476	42.15	05.93			99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.57	97.75	106.75				
ALL SAMPLES, CV, %		7.71	7.58	8.59				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -		16.66 %						
METCALFE CO FARMERS SUPP		EDMONTON		KY				
14-14-14	30321	15.15	16.59	14.20		104	CM	Bulk
17-17-17	30275	17.38	18.14	17.80		100	CM	Bulk
17-17-17	30284	18.77	18.10	16.64		101	CM	Bulk
17-17-17	30293	18.07	18.57	17.47		102	CM	Bulk
17-17-17	30295	17.88	20.76	17.26		106	CM	Bulk
19-19-19	30274	20.24	19.39	18.41		100	CM	Bulk
19-19-19	30292	19.05	21.81	19.24		104	CM	Bulk
19-19-19	30294	20.39	19.19	18.73		100	CM	Bulk
19-19-19	31438	17.96	20.62	18.80		99	CM	Bulk
25-14-14	31439	24.28	16.48	14.21		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
METCALFE CO FARMERS SUPP		EDMONTON	KY					
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.96	106.38	97.28				
ALL SAMPLES, CV, %		4.51	5.78	2.06				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -	0.00 %							
MILES FARM CENTER		EKRON	KY					
00-21-28	31343+		22.44	29.13		102	CM	Bulk
00-25-26	31337		25.90	26.09		99	CM	Bulk
00-36-12	31340		36.12	13.85		100	CM	Bulk
04-24-19	31341	05.27	25.27	20.15		104	CM	Bulk
16-16-16	31342	15.50	16.91	16.83		101	CM	Bulk
18-33-09	31346	18.01	33.09	09.57		98	CM	Bulk
19-19-19	31338	18.86	20.31	19.74		101	CM	Bulk
19-19-19	31339	15.73*	19.69	23.90		99	CM	Bulk
19-19-19	31347	18.83	20.01	19.97		101	CM	Bulk
25-14-15	31344	25.26	15.87	14.58		101	CM	Bulk
29-08-14	31345	29.30	08.94	14.60		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.28	101.67	104.63				
ALL SAMPLES, CV, %		7.32	2.76	7.27				
NUMBER OF ANALYSIS		8	11	11				
Deficiency Rate -	9.09 %							
MILES FARM CENTER		SACRAMENTO	KY					
00-22-29	29428+	00.67	24.42	28.43		104	CM	Bulk
00-22-29	29429+	00.40	22.48	31.20		102	CM	Bulk
00-23-30	29422		24.08	29.59		102	CM	Bulk
00-23-30	29423		23.08	30.74		101	CM	Bulk
00-23-30	29424		23.51	30.09		101	CM	Bulk
00-23-30	29425		23.28	31.06		102	CM	Bulk
00-23-30	29426		22.91	30.80		100	CM	Bulk
00-23-30	29427		23.52	31.15		102	CM	Bulk
Statistical Analysis for Grade : 00-23-30								
Number Samples This Grade :		6						
Average Analysis :		.00	23.39	30.57		101.8		
CV, %		.00	.72	1.98				
06-15-20	29420	06.17	15.03	22.03		102	CM	Bulk
09-23-30	29421	07.69*	21.46*	32.43		96*	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.61	100.88	102.83				
ALL SAMPLES, CV, %		14.81	3.94	3.87				
NUMBER OF ANALYSIS		4	10	10				
Deficiency Rate -	10.00 %							
MILES FARM CENTER		SHELBYVILLE	KY					
00-20-20	31930		21.94	17.55*		101	Blend	Bag
05-10-15	30136	03.33*	06.75*	17.36		94*	Blend	Bag
05-10-15	30626	04.42*	09.36	16.01		100	Blend	Bag
05-10-15	30775	04.59*	08.88*	15.94		98	Blend	Bag
05-10-15	31674	03.71*	07.52*	16.33		93*	Blend	Bag
05-10-15	31714	04.32*	08.23*	14.22		89*	Blend	Bag
05-10-15	31760	05.00	07.55*	16.27		97	Blend	Bag
05-10-15	31928	04.81	09.33	15.92		100	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade :		7						
Average Analysis :		4.31	8.23	16.00		96.4		
CV, %		13.84	12.21	5.82				
05-20-20	30382	04.66	19.73	20.58		99	CM	Bulk
05-20-20	31259	04.17*	19.56	18.51*		94*	Blend	Bag
05-20-20	31759	04.39*	18.98	19.98		95*	Blend	Bag
06-24-24	29567	05.59	24.11	24.33		99	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
MILES FARM CENTER		SHELBYVILLE		KY				
06-24-24	30494	05.78	24.26	24.24		100	Blend	Bag
06-24-24	30629	05.51*	24.87	21.64*		97	Blend	Bag
06-24-24	31076	05.97	24.70	23.61		100	Blend	Bag
06-24-24	31583	06.11	24.08	24.68		101	Blend	Bag
06-24-24	31614	05.55	24.92	23.15		99	Blend	Bag
Statistical Analysis for Grade : 06-24-24								
Number Samples This Grade : 6								
Average Analysis :		5.75	24.49	23.60		100.0		
CV, %		4.27	1.56	4.69				
07-19-34	31550	07.25	18.64	36.71		99	CM	Bulk
08-08-13	31927	08.51	08.61	13.05		98	CM	Bulk
09-18-27	30138	07.95*	16.03*	29.91		101	Blend	Bag
09-18-27	31072	08.29	16.92	28.40		99	Blend	Bag
09-18-27	31735	08.86	17.73	27.67		100	Blend	Bag
10-10-10	29045	09.43	10.00	10.63		99	Blend	Bag
10-10-10	29172	10.83	10.65	10.39		106	Blend	Bag
10-10-10	29568	09.09*	09.69	09.30		93*	Blend	Bag
10-10-10	30488	09.47	10.07	09.47		97	Blend	Bag
10-10-10	30496	09.16	09.15	09.76		92*	Blend	Bag
10-10-10	30497	09.14	09.17	09.34		91*	Blend	Bag
10-10-10	30527	08.87*	08.16*	09.97		88*	Blend	Bag
10-10-10	30627	10.26	11.22	10.36		106	Blend	Bag
10-10-10	30736	09.74	08.24*	09.92		91*	Blend	Bag
10-10-10	30762	09.77	09.85	10.77		100	Blend	Bag
10-10-10	30773	08.92*	08.85*	09.63		90*	Blend	Bag
10-10-10	30789	09.67	08.89*	10.14		94*	Blend	Bag
10-10-10	31073	09.40	10.24	09.32		97	Blend	Bag
10-10-10	31161	08.99*	07.98*	09.84		87*	Blend	Bag
10-10-10	31258	09.82	09.72	09.95		98	Blend	Bag
10-10-10	31510	08.58*	09.03*	10.33		91*	Blend	Bag
10-10-10	31584	11.91	11.40	10.44		113	Blend	Bag
10-10-10	31589	09.10*	09.18	09.41		92*	Blend	Bag
10-10-10	31611	10.64	09.29	10.40		100	Blend	Bag
10-10-10	31671	10.80	10.80	10.70		107	Blend	Bag
10-10-10	31673	09.14	09.14	09.52		92*	Blend	Bag
10-10-10	31708	09.93	09.41	10.07		97	Blend	Bag
10-10-10	31761	10.85	08.91*	09.86		98	Blend	Bag
10-10-10	31932	09.30	08.77*	08.77*		89*	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 24								
Average Analysis :		9.70	9.49	9.92		96.7		
CV, %		8.33	9.57	5.20				
10-10-15	32387	10.06	10.34	15.36		102	CM	Bulk
10-20-20	29821	09.96	19.66	20.54		99	Blend	Bag
10-20-20	29884	10.81	22.08	19.91		106	Blend	Bag
10-20-20	31587	09.91	17.44*	20.74		94*	Blend	Bag
10-20-20	32249	09.79	19.20	20.36		98	Blend	Bag
11-11-16	31926	11.31	10.99	17.82		102	CM	Bulk
12-12-12	30615	10.78*	10.77*	12.17		92*	Blend	Bag
12-12-12	32246	11.79	12.01	12.47		100	Blend	Bag
12-24-24	31257	11.92	23.11	23.33		97	Blend	Bag
14-09-14	32388	14.51	10.14	15.28		100	CM	Bulk
15-10-15	32385	15.31	10.13	14.78	*	100	CM	Bulk
15-15-15	30493	13.97	13.51*	14.88		93*	Blend	Bag
15-15-15	30526	13.73*	13.97	15.56		95*	Blend	Bag
15-15-15	31160	14.29	14.06	13.95*		94*	Blend	Bag
15-15-15	31585	13.96	14.19	15.64		96*	Blend	Bag
15-15-15	31613	14.52	13.92*	14.76		95*	Blend	Bag
15-15-15	31931	13.90	16.62	15.38		102	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade : 6								
Average Analysis :		14.06	14.37	15.02		96.0		
CV, %		2.05	7.80	4.24				
16-09-14	32386	16.31	08.97	13.84		97	CM	Bulk
16-27-14	29822	16.67	28.00	15.05		104	Blend	Bag
17-26-16	30388	17.12	26.41	17.10		100	CM	Bulk
19-19-19	29044	18.36	18.91	20.13		99	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
MILES FARM CENTER		SHELBYVILLE		KY				
19-19-19	29569	18.50	18.67	18.18		97	Blend	Bag
19-19-19	30142	18.69	17.86	19.47		97	Blend	Bag
19-19-19	30379	16.92*	18.96	22.57		98	CM	Bulk
19-19-19	30495	18.52	19.53	18.87		99	Blend	Bag
19-19-19	30525	19.21	18.64	20.68		101	Blend	Bag
19-19-19	30737	19.33	18.61	19.38		100	Blend	Bag
19-19-19	30774	18.91	19.53	18.76		100	Blend	Bag
19-19-19	30791	18.80	18.02	20.14		98	Blend	Bag
19-19-19	31074	18.58	19.35	19.10		100	Blend	Bag
19-19-19	31164	17.20*	20.58	20.65		101	Blend	Bag
19-19-19	31256	18.21	18.94	19.35		98	Blend	Bag
19-19-19	31612	18.61	19.10	19.66		100	Blend	Bag
19-19-19	31670	18.96	18.36	19.64		99	Blend	Bag
19-19-19	31707	17.68	21.24	18.27		101	Blend	Bag
19-19-19	31713	18.38	18.68	20.31		99	Blend	Bag
19-19-19	31762	19.08	19.36	19.14		101	Blend	Bag
19-19-19	31912	18.91	19.81	19.13		101	Blend	Bag
19-19-19	31929	18.91	18.77	20.12		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 19								
Average Analysis :		18.51	19.10	19.66		99.9		
CV, %		3.45	4.27	5.11				
20-10-10	31588	19.37	09.73	09.91		97	Blend	Bag
20-12-19	31925	20.95	11.52	21.48	*	102	CM	Bulk
27-13-13	30380	26.95	13.74	14.48		100	CM	Bulk
27-13-13	30381	27.02	13.89	14.15		100	CM	Bulk
28-16-10	31551	27.29	16.44	11.20		99	CM	Bulk
30-05-10	31077+	27.75*	05.45	11.56		98	Blend	Bag
34-00-00	31163	34.25				100	Mat	Bag
34-00-00	31615	34.21				100	Mat	Bag
34-00-15	31549	33.36		16.89		100	CM	Bulk
46-00-00	31914	45.97				99	Mat	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.02	97.72	102.08				
ALL SAMPLES, CV, %		7.05	8.47	5.51				
NUMBER OF ANALYSIS		94	91	92				
Deficiency Rate -		35.78 %						
MILES FARM SUPPLY		CYNTHIANA		KY				
00-23-30	31857		23.38	30.03		100	CM	Bulk
05-06-10	31865	06.10	06.97	11.45		105	CM	Bulk
08-08-13	31861	08.55	08.21	13.46		99	CM	Bulk
08-08-13	31862	08.67	08.43	13.50		100	CM	Bulk
15-06-09	31860	22.02	06.54	14.00		136	CM	Bulk
15-06-09	31866	21.32	08.42	13.90		139	CM	Bulk
17-18-17	31852	17.22	17.87	18.77		100	CM	Bulk
18-18-18	31858	16.96	17.64	18.33		98	CM	Bulk
18-18-18	31859	15.88*	18.42	18.74		98	CM	Bulk
22-05-05	31864	21.04	04.79	05.70		97	CM	Bulk
22-12-12	31863	21.74	12.24	13.53		98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		105.16	100.62	108.71				
ALL SAMPLES, CV, %		18.53	9.93	14.49				
NUMBER OF ANALYSIS		10	11	11				
Deficiency Rate -		9.09 %						
MILES FARM SUPPLY		LEBANON		KY				
06-07-13	32353+	06.75	08.43	13.66		102	CM	Bulk
06-07-13	32355+	06.64	08.82	13.75		103	CM	Bulk
18-11-17	32356	18.41	11.99	16.43		99	CM	Bulk
19-13-17	32354	19.93	13.22	16.82		100	CM	Bulk
27-11-15	31509	26.26	11.97	16.84		100	CM	Bulk
29-10-13	31508	30.68	10.58	11.94*		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
MILES FARM SUPPLY		OWENSBORO	KY					
00-00-22	29622+			21.93		99	Mat	Bulk
00-00-22	29761+			21.79		99	Mat	Bulk
00-00-22	30973+			22.48		102	Mat	Bulk
00-00-50	30960			50.94		101	Mat	Bulk
00-00-50	30971			50.98		101	Mat	Bulk
00-00-50	31068			49.31		98	Mat	Bulk
00-00-50	31157			50.78		101	Mat	Bulk
00-00-50	31657			51.13		102	Mat	Bulk
00-00-50	31672			51.89		103	Mat	Bulk
00-00-50	31711			51.84		103	Mat	Bulk
00-00-50	31763			50.93		101	Mat	Bulk
00-00-50	31885			49.60		99	Mat	Bulk
00-00-50	31911			51.93		103	Mat	Bulk
00-00-50	32277			49.85		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number Samples This Grade : 11								
Average Analysis : .00 .00 50.83 101.6								
CV, % .00 .00 1.78								
00-00-60	29565			60.42		100	Mat	Bulk
00-00-60	29603			60.45		100	Mat	Bulk
00-00-60	29621			58.80		98	Mat	Bulk
00-00-60	29714			60.34		100	Mat	Bulk
00-00-60	29750			59.92		99	Mat	Bulk
00-00-60	29756			60.54		100	Mat	Bulk
00-00-60	29764			60.24		100	Mat	Bulk
00-00-60	29838			59.76		99	Mat	Bulk
00-00-60	29862			59.00		98	Mat	Bulk
00-00-60	29865			60.77		101	Mat	Bulk
00-00-60	29880			60.65		101	Mat	Bulk
00-00-60	29899			60.53		100	Mat	Bulk
00-00-60	29918			59.44		99	Mat	Bulk
00-00-60	30157			61.39		102	Mat	Bulk
00-00-60	30222			61.05		101	Mat	Bulk
00-00-60	30364			60.89		101	Mat	Bulk
00-00-60	30386			61.59		102	Mat	Bulk
00-00-60	30451			60.94		101	Mat	Bulk
00-00-60	30543			60.38		100	Mat	Bulk
00-00-60	30776			61.43		102	Mat	Bulk
00-00-60	30782			60.88		101	Mat	Bulk
00-00-60	30958			59.56		99	Mat	Bulk
00-00-60	31069			60.61		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 23								
Average Analysis : .00 .00 60.41 100.6								
CV, % .00 .00 1.20								
00-16-39	29369		15.91	40.72		102	CM	Bulk
00-23-30	29368		23.45	30.28		101	CM	Bulk
00-23-30	29375		24.34	29.14		102	CM	Bulk
00-23-30	29376		21.96	31.84		100	CM	Bulk
00-46-00	29564		46.23			100	Mat	Bulk
00-46-00	29864		45.84			99	Mat	Bulk
00-46-00	29882		46.08			100	Mat	Bulk
00-46-00	30156		45.50			98	Mat	Bulk
00-46-00	30385		46.92			102	Mat	Bulk
00-46-00	31071		46.42			100	Mat	Bulk
00-46-00	31910		46.25			100	Mat	Bulk
Statistical Analysis for Grade : 00-46-00								
Number Samples This Grade : 7								
Average Analysis : .00 46.17 .00 100.3								
CV, % .00 .43 .00								
03-00-00	29566+	02.64				88*	Mnfr	Bag
05-15-19	29371	06.35	15.16	20.66		102	CM	Bulk
06-15-20	29370	06.49	16.13	22.08		104	CM	Bulk
06-15-20	29372	06.10	14.35	21.18		99	CM	Bulk
06-15-20	29373	06.39	15.67	21.53		104	CM	Bulk
06-15-20	29374	07.17	17.56	18.52*		107	CM	Bulk
09-23-30	32126	08.91	22.58	30.85		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
MILES FARM SUPPLY		OWENSBORO	KY					
09-23-30	32127	09.17	23.18	30.28		101	CM	Bulk
10-47-00	29097+	09.94	48.56			102	Mat	Bulk
10-50-00	29747	11.65	50.67			103	Mat	Bulk
10-52-00	29762	11.28	51.78			101	Mat	Bulk
11-52-00	29096	11.08	52.71			101	Mat	Bulk
11-52-00	29495	10.77	52.29			100	Mat	Bulk
11-52-00	29716	10.79	52.08			99	Mat	Bulk
11-52-00	29759	10.88	52.27			100	Mat	Bulk
18-46-00	29494	17.88	46.46			100	Mat	Bulk
18-46-00	29563	17.30	45.76			98	Mat	Bulk
18-46-00	29594	17.87	44.99			98	Mat	Bulk
18-46-00	29602	17.83	45.70			99	Mat	Bulk
18-46-00	29713	17.50	45.30			98	Mat	Bulk
18-46-00	29751	17.58	45.85			99	Mat	Bulk
18-46-00	29757	17.65	46.15			99	Mat	Bulk
18-46-00	29763	17.60	46.40			100	Mat	Bulk
18-46-00	29839	17.76	46.06			99	Mat	Bulk
18-46-00	29861	17.59	45.85			99	Mat	Bulk
18-46-00	29863	17.46	45.19			97	Mat	Bulk
18-46-00	29881	17.54	45.62			98	Mat	Bulk
18-46-00	29917	17.62	45.20			98	Mat	Bulk
18-46-00	30158	17.42	45.93			99	Mat	Bulk
18-46-00	30220	17.84	45.85			99	Mat	Bulk
18-46-00	30363	17.81	46.01			99	Mat	Bulk
18-46-00	30384	17.64	46.20			99	Mat	Bulk
18-46-00	30450	17.69	45.85			99	Mat	Bulk
18-46-00	30542	17.45	45.56			98	Mat	Bulk
18-46-00	30777	17.63	45.77			99	Mat	Bulk
18-46-00	30784	17.54	45.91			99	Mat	Bulk
18-46-00	30787	17.77	45.87			99	Mat	Bulk
18-46-00	30961	17.37	45.78			98	Mat	Bulk
18-46-00	31067	17.50	46.32			99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 24								
Average Analysis :								
		17.61	45.81	.00		99.1		
CV, %								
		.92	.81	.00				
21-00-00	29746+	21.10				100	Mat	Bulk
21-00-00	31658+	21.00				100	Mat	Bulk
28-00-00	31695	27.96				99	Mat	Liq
30-00-00	32128	30.00				100	Mat	Liq
32-00-00	31669	32.12				100	Mat	Liq
34-00-00	29529	33.40				98	Mat	Bulk
34-00-00	29595	34.05				100	Mat	Bulk
34-00-00	29748	34.01				100	Mat	Bulk
34-00-00	29760	33.78				99	Mat	Bulk
34-00-00	29767	33.90				99	Mat	Bulk
34-00-00	29915	34.09				100	Mat	Bulk
34-00-00	30155	34.04				100	Mat	Bulk
34-00-00	30237	34.21				100	Mat	Bulk
34-00-00	30362	34.16				100	Mat	Bulk
34-00-00	30972	33.97				99	Mat	Bulk
34-00-00	31070	34.23				100	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 11								
Average Analysis :								
		33.98	.00	.00		99.9		
CV, %								
		.69	.00	.00				
39-00-00	30387+	38.59				98	Mat	Bulk
46-00-00	29493	46.14				100	Mat	Bulk
46-00-00	29562	45.92				99	Mat	Bulk
46-00-00	29604	45.95				99	Mat	Bulk
46-00-00	29715	46.08				100	Mat	Bulk
46-00-00	29749	45.83				99	Mat	Bulk
46-00-00	29755	45.65				99	Mat	Bulk
46-00-00	29765	45.78				99	Mat	Bulk
46-00-00	29860	45.75				99	Mat	Bulk
46-00-00	29883	46.12				100	Mat	Bulk
46-00-00	29916	46.10				100	Mat	Bulk
46-00-00	30159	45.99				99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
MILES FARM SUPPLY		OWENSBORO		KY				
46-00-00	30221	45.99				99	Mat	Bulk
46-00-00	30361	46.03				100	Mat	Bulk
46-00-00	30383	46.14				100	Mat	Bulk
46-00-00	30541	45.94				99	Mat	Bulk
46-00-00	30778	45.99				99	Mat	Bulk
46-00-00	30783	46.01				100	Mat	Bulk
46-00-00	30785	45.95				99	Mat	Bulk
46-00-00	30875	46.20				100	Mat	Bulk
46-00-00	30959	46.11				100	Mat	Bulk
46-00-00	31075	46.20				100	Mat	Bulk
46-00-00	31909	46.01				100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 22								
Average Analysis :		45.99	.00	.00		99.9		
CV, %		.31	.00	.00				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.75	100.12	101.16				
ALL SAMPLES, CV, %		3.99	2.74	2.57				
NUMBER OF ANALYSIS		78	49	48				
Deficiency Rate -		1.58 %						
MILES FARM SUPPLY		UPTON		KY				
03-14-42	29191	03.27	14.97	43.50		101	CM	Bulk
12-31-13	30163	13.36	33.93	10.57*		102	CM	Bulk
14-28-14	30160	14.48	27.47	15.45		98	CM	Bulk
14-29-14	30164	14.54	28.21	16.25		98	CM	Bulk
18-18-18	30162	17.70	17.88	17.30		97	CM	Bulk
18-18-18	30172	18.63	19.00	18.57		103	CM	Bulk
19-19-19	30398	18.85	19.83	19.62		100	CM	Bulk
19-19-19	30399	18.95	20.13	19.78		101	CM	Bulk
22-16-16	30400	21.28	17.86	18.75		101	CM	Bulk
23-09-14	32242+	23.98	09.79	14.70		100	CM	Bulk
26-13-13	30161	26.57	14.13	13.87		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.01	101.45	101.01				
ALL SAMPLES, CV, %		3.90	4.01	9.05				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		9.09 %						
MILLERSBURG FERTILIZER CO.		MILLERSBURG		KY				
07-15-30	32047	08.14	14.87	30.63		100	CM	Bulk
07-15-30	32048	07.34	15.64	29.98		99	CM	Bulk
07-19-34	32043	07.43	19.54	36.00		101	CM	Bulk
12-30-20	32042	11.43	28.76*	21.63		97	CM	Bulk
13-03-27	32041	13.76	03.27	28.02		99	CM	Bulk
14-14-21	31961	14.55	13.82	21.30		99	CM	Bulk
14-14-21	31962	15.34	12.27*	21.12		98	CM	Bulk
15-00-11	32049	15.26		12.76		105	CM	Bulk
16-13-19	32046	15.88	13.51	19.87		101	CM	Bulk
26-00-25	32044	25.01		28.88		101	CM	Bulk
26-00-25	32045	25.26		27.54		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.44	96.58	103.87				
ALL SAMPLES, CV, %		4.35	6.42	4.73				
NUMBER OF ANALYSIS		11	8	11				
Deficiency Rate -		18.18 %						
MILORGANITE DIVISION MMSD		MILWAUKEE		WI				
06-02-00	30490+	05.97	01.87			97	Mat	Bag
MONTYS PLANT FOOD		LOUISVILLE		KY				
08-16-08	30224	08.73	17.03	08.74		107	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
NA-CHURS/ALPINE SOLUTIONS		MARION	OH					
06-24-06	31916	06.11	23.47	05.91		98	Mnfr	Liq
OLDFIELD, J.A. & SON		MIZE	KY					
00-00-50	30846			51.49		102	Mat	Bulk
00-00-60	30847			60.95		101	Mat	Bulk
00-19-19	32329+		19.72	19.52		102	CM	Bulk
00-20-20	30853		19.89	19.67		99	Blend	Bag
00-46-00	30845		46.87			101	Mat	Bulk
05-10-15	30855	05.31	10.46	14.52		100	Blend	Bag
05-10-15	32065	05.15	11.31	15.02		104	CM	Bulk
05-10-15	32324	04.96	10.46	15.32		102	Blend	Bag
06-12-12	30999	05.50*	11.79	12.35		98	Blend	Bag
06-12-12	31001	05.95	12.50	11.66		101	Blend	Bag
08-17-26	32331	08.72	17.48	26.18		97	CM	Bulk
09-18-27	30849	08.37	17.22	27.42		98	Blend	Bag
09-18-27	32325	08.62	17.53	27.28		99	Blend	Bag
09-18-28	32064	09.64	20.42	27.00		100	CM	Bulk
10-00-10	32067	11.20		10.98		101	CM	Bulk
10-10-10	30852	09.70	10.43	10.10		100	Blend	Bag
10-10-10	30998	09.39	10.89	10.43		102	Blend	Bag
10-10-10	31000	09.61	09.67	10.09		97	Blend	Bag
10-10-10	32326	09.47	10.33	10.81		101	Blend	Bag
11-05-07	32066	12.08	05.65	07.61		102	CM	Bulk
11-08-12	32330	11.83	09.23	12.65		103	CM	Bulk
12-12-12	30848	12.81	12.12	11.88		102	Blend	Bag
12-12-12	32327	11.75	12.94	12.36		103	Blend	Bag
15-07-11	32063	14.16	07.50	12.21		100	CM	Bulk
15-15-15	30850	14.56	15.01	15.30		99	Blend	Bag
18-46-00	30843	17.26	45.71			98	Mat	Bulk
18-46-00	30844	17.43	45.71			98	Mat	Bulk
19-19-19	30851	18.68	17.89	19.36		97	Blend	Bag
19-19-19	32328	19.16	19.49	17.79*		99	Blend	Bag
23-11-17	32068	22.63	11.63	17.34		98	CM	Bulk
34-00-12	32062	34.46		12.59		100	CM	Bulk
46-00-00	30841	46.10				100	Mat	Bulk
46-00-00	30842	46.20				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.64	101.42	100.70				
ALL SAMPLES, CV, %		3.79	4.86	3.16				
NUMBER OF ANALYSIS		28	27	28				
Deficiency Rate -		6.06 %						
PADUCAH AG		PADUCAH	KY					
05-14-18	29409	06.00	14.86	26.10		116	CM	Bulk
05-14-18	29410	06.29	14.66	22.66		110	CM	Bulk
09-23-30	32189	09.06	22.57	31.22		100	CM	Bulk
09-23-30	32190	08.61	21.90	31.33		98	CM	Bulk
09-23-30	32191	08.75	23.91	29.74		101	CM	Bulk
14-18-24	32114	15.86	17.90	24.13		102	CM	Bulk
PARRISH SHOP & SALES		HENDERSON	KY					
05-17-17	32419	05.71	16.68	19.26		99	CM	Liq
09-12-16	32418	09.62	12.11	16.68		97	CM	Liq
09-12-16	32421	10.03	12.73	16.49		102	CM	Liq
09-12-16	32422	09.97	12.15	18.57		101	CM	Liq
16-09-09	32420	16.37	09.39	10.44		98	CM	Liq
PICC		NEW YORK	NY					
00-00-00	29539+						Mnfr	Bag
PLEASANT VIEW FARMS AGRI SERV.		SOUTH UNION	KY					
06-15-37	31033+	05.80	16.27	38.82		101	CM	Bulk
09-24-26	31031+	09.31	25.07	27.46		100	CM	Bulk
14-23-18	31034+	13.83	24.25	19.55		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
PLEASANT VIEW FARMS AGRI SERV.		SOUTH UNION		KY				
18-16-17	30945	18.23	16.52	18.42		101	CM	Bulk
18-16-17	30947	17.86	16.40	18.94		101	CM	Bulk
22-12-12	31032	22.67	12.64	12.83		101	CM	Bulk
23-16-16	30939	23.57	17.43	16.29		101	CM	Bulk
23-16-16	30944	23.47	17.59	15.93		101	CM	Bulk
23-16-16	30948	22.80	17.71	17.15		102	CM	Bulk
36-16-00	30940	35.75	16.35			99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.82	102.57	103.33				
ALL SAMPLES, CV, %		2.43	1.97	3.15				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate -		0.00 %						
C D POORE FERTILIZER		ALBANY		KY				
10-10-10	29909	08.82*	09.90	11.90		99	Blend	Bag
17-16-18	30346	16.47	17.23	21.15		101	CM	Bulk
17-16-19	30350	15.27*	16.59	22.36		99	CM	Bulk
17-17-17	29890	17.67	18.50	19.07		103	CM	Bulk
17-17-17	30351	17.31	17.71	17.86		99	CM	Bulk
18-46-00	29908	17.56	45.88			99	Mat	Bulk
19-19-19	29910	18.34	19.16	20.91		101	Blend	Bag
19-19-19	30347	18.91	19.13	19.86		101	CM	Bulk
19-19-19	30348	18.79	19.16	19.62		100	CM	Bulk
23-11-11	30349	23.16	11.88	11.44		100	CM	Bulk
34-00-00	29907	33.09				97	Mat	Bulk
46-00-00	29906	46.09				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.92	101.16	108.79				
ALL SAMPLES, CV, %		4.46	2.37	6.23				
NUMBER OF ANALYSIS		12	10	9				
Deficiency Rate -		16.66 %						
PRO-SOL	20-20-20	30343+	OZARK	AL				
			20.80	18.33*	21.01	100	Mnfr	Bag
PURSELL INDUSTRIES		SYLACAUGA		AL				
04-06-04	29554+	04.69	08.52	03.23*		122	Blend	Bag
04-06-06	29891+	04.45	11.45	04.20*		135	Blend	Bag
08-16-08	29131+	08.10	16.05	08.12		100	Mnfr	Liq
09-09-06	30127+	09.59	12.39	08.42		125	Blend	Bag
10-10-10	29719	08.78*	08.75*	10.27		91*	Blend	Bag
10-10-10	29991	11.32	10.78	11.77		112	Mnfr	Bag
11-40-06	30320+	10.77	37.37*	08.19		97	Blend	Bag
12-06-06	31805+	10.86*	07.94	06.20		104	Blend	Bag
12-10-05	29545+	10.13*	10.67	02.73*		89*	Blend	Bag
14-07-07	29546+	14.22	06.70	10.58		108	Blend	Bag
18-06-12	29753+	19.51	06.34	11.91		105	Blend	Bag
18-24-10	29559+	18.58	29.37	07.86*		109	Blend	Bag
19-06-12	30021+	21.66	06.00	12.98		109	Blend	Bag
20-27-05	29721+	20.21	25.47	09.36		102	Blend	Bag
28-02-04	31881+	29.39	02.80	03.43*		105	Blend	Bag
28-03-03	29888+	29.92	02.74	03.03		105	Blend	Bag
29-02-05	31880+	26.51*	02.53	05.66		95*	Blend	Bag
29-03-04	29718+	27.34	03.67	04.21		97	Blend	Bag
29-03-04	32116+	30.00	03.38	04.03		104	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.29	108.63	107.22				
ALL SAMPLES, CV, %		8.99	21.60	28.46				
NUMBER OF ANALYSIS		19	19	19				
Deficiency Rate -		47.36 %						
RICH POND CROP SERVICE		BOWLING GREEN		KY				
16-18-23	30877	14.81	18.14	24.96		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
RICH POND CROP SERVICE		BOWLING GREEN KY						
16-22-20	30895	15.85	24.78	19.10*		103	CM	Bulk
16-24-19	30878	16.13	25.74	19.11		101	CM	Bulk
18-19-19	30897	18.41	19.46	18.91		99	CM	Bulk
19-19-19	30892	18.55	21.18	19.57		102	CM	Bulk
19-19-19	30893	19.27	20.50	19.34		102	CM	Bulk
20-15-21	30874	20.16	17.35	20.41		102	CM	Bulk
22-19-13	30876	21.24	20.44	14.50		100	CM	Bulk
22-19-13	30894	21.93	21.54	13.68		102	CM	Bulk
22-19-13	30896	21.95	19.89	14.26		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.28	106.34	99.77				
ALL SAMPLES, CV, %		2.82	3.96	4.43				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
RIPS FARM CENTER		TOLLESBORO KY						
00-00-10	32258			10.28		102	CM	Bulk
00-00-10	32259			10.65		106	CM	Bulk
00-00-50	32264			51.46		102	Mat	Bulk
00-00-60	32265			61.34		102	Mat	Bulk
06-15-20	32262	06.04	15.12	20.12		99	CM	Bulk
09-18-28	32260	09.33	18.71	28.49		100	CM	Bulk
16-11-17	32256	16.75	11.87	17.19		100	CM	Bulk
19-19-19	32257	18.94	19.45	19.96		100	CM	Bulk
20-12-12	32261	19.20	18.05	10.21*		108	CM	Bulk
27-09-14	32263	26.98	09.84	14.58		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.07	106.91	101.05				
ALL SAMPLES, CV, %		3.11	17.79	6.21				
NUMBER OF ANALYSIS		6	6	10				
Deficiency Rate -		10.00 %						
ROCKCASTLE FARM SUPPLY		MT VERNON KY						
00-00-60	30167			61.34		102	Mat	Bulk
10-26-25	31489	09.94	25.72	26.33		99	CM	Bulk
10-26-25	31492	09.97	25.80	26.82		100	CM	Bulk
18-18-18	31120	18.58	18.86	18.30		103	CM	Bulk
18-18-18	31490	18.01	19.70	20.46		103	CM	Bulk
18-46-00	30166	16.81	44.96			96*	Mat	Bulk
19-19-19	31119	20.25	19.40	18.60		102	CM	Bulk
19-19-19	31485	17.61	20.47	20.18		101	CM	Bulk
19-19-19	31486	18.53	19.96	20.68		101	CM	Bulk
19-19-19	31488	19.36	19.82	19.81		101	CM	Bulk
19-19-19	31491	19.85	20.24	18.69		103	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 5								
Average Analysis :		19.12	19.97	19.59		102.1		
CV, %		5.54	2.04	4.68				
20-00-27	31487+	21.07		29.05		103	CM	Bulk
46-00-00	30165	45.96				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.19	101.87	103.76				
ALL SAMPLES, CV, %		4.31	3.42	3.76				
NUMBER OF ANALYSIS		12	10	11				
Deficiency Rate -		7.69 %						
ROYSTER CLARK		FRANKLIN KY						
00-26-26	30416		26.59	25.87		101	CM	Bulk
06-15-10	29284	06.14	16.33	11.76		107	CM	Bulk
09-24-28	30406	09.38	24.40	28.95		100	CM	Bulk
09-24-28	30408	09.17	23.56	30.13		99	CM	Bulk
09-24-28	30411	09.41	24.52	29.60		101	CM	Bulk
09-24-28	30412	09.14	23.84	30.03		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ROYSTER CLARK		FRANKLIN	KY					
22-13-12	30407	21.18	12.18	15.35		99	CM	Bulk
22-13-13	30404	22.15	12.40	13.56		99	CM	Bulk
25-16-13	30415	25.79	16.59	13.68		100	CM	Bulk
31-12-09	30403	30.03	12.77	11.46		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.16	99.60	106.19				
ALL SAMPLES, CV, %		2.50	4.32	5.88				
NUMBER OF ANALYSIS		9	10	10				
Deficiency Rate -	0.00 %							
ROYSTER CLARK		ADAIRVILLE	KY					
07-22-27	29203	07.89	22.04	27.90		101	CM	Bulk
10-27-24	31292	10.29	28.15	24.27		100	CM	Bulk
10-29-16	31581+	10.65	28.93	17.61		99	CM	Bulk
10-29-16	31582+	10.68	28.92	17.54		99	CM	Bulk
13-34-15	31315	12.78	34.61	15.57		99	CM	Bulk
14-36-12	29205	14.08	37.21	12.27		99	CM	Bulk
14-36-12	29206	13.87	37.68	11.81		99	CM	Bulk
14-36-12	29207	14.96	38.25	10.84*		101	CM	Bulk
14-37-10	29204	14.57	37.92	11.35		100	CM	Bulk
23-09-12	31318	22.79	10.42	12.89		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.25	101.06	100.95				
ALL SAMPLES, CV, %		3.18	3.44	5.40				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -	10.00 %							
ROYSTER CLARK		COLLINSVILLE	IL					
00-00-60	29937			60.60		101	Mat	Bulk
00-00-60	29983			61.44		102	Mat	Bulk
00-00-60	30025			60.94		101	Mat	Bulk
00-00-60	30117			61.12		101	Mat	Bulk
00-00-60	30405			61.88		103	Mat	Bulk
00-00-60	30537			62.55		104	Mat	Bulk
00-00-60	30946			61.99		103	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade :	7							
Average Analysis :		.00	.00	61.50		102.5		
CV, %		.00	.00	1.10				
00-00-62	31093			61.85		99	Mat	Bulk
00-46-00	29936		45.95			99	Mat	Bulk
00-46-00	30413		46.76			101	Mat	Bulk
05-20-20	30539+	06.35	20.12	17.99*		100	Mnfr	Bulk
06-12-18	31294+	06.25	12.66	18.24		103	Mnfr	Bulk
18-08-00	30409+	17.88	08.31			100	Mnfr	Bulk
18-46-00	29935	17.70	45.64			98	Mat	Bulk
18-46-00	29984	17.69	45.79			99	Mat	Bulk
18-46-00	30023	17.50	45.92			99	Mat	Bulk
18-46-00	30118	17.80	45.95			99	Mat	Bulk
18-46-00	30410	17.91	45.76			99	Mat	Bulk
18-46-00	31293	17.38	45.90			98	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade :	6							
Average Analysis :		17.66	45.82	.00		99.2		
CV, %		1.09	.25	.00				
28-00-00	32121	28.00				100	Mat	Liq
32-00-00	29996	32.00				100	Mat	Liq
32-00-00	31381	31.94				99	Mat	Liq
34-00-00	29934	33.85				99	Mat	Bulk
34-00-00	29985	34.11				100	Mat	Bulk
34-00-00	30024	34.23				100	Mat	Bulk
34-00-00	30119	34.38				101	Mat	Bulk
34-00-00	30414	34.38				101	Mat	Bulk
34-00-00	30538	34.37				101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
ROYSTER CLARK		COLLINSVILLE		IL				
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 6								
Average Analysis :		34.22	.00	.00		100.6		
CV, %		.61	.00	.00				
46-00-00	29933	45.84				99	Mat	Bulk
46-00-00	30120	45.91				99	Mat	Bulk
46-00-00	30540	45.85				99	Mat	Bulk
46-00-00	30765	46.00				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.05	100.18	101.65				
ALL SAMPLES, CV, %		5.94	2.02	4.00				
NUMBER OF ANALYSIS		22	11	10				
Deficiency Rate -		3.12 %						
ROYSTER CLARK		FANCY FARM		KY				
06-17-22	31379	06.47	17.29	22.59		99	CM	Bulk
06-17-22	31380	06.99	18.27	21.67		102	CM	Bulk
09-23-30	31100	09.97	23.39	29.52		102	CM	Bulk
09-23-30	31101	08.70	22.57	31.67		100	CM	Bulk
09-23-30	31102	08.93	23.16	30.43		100	CM	Bulk
09-23-30	31103	08.77	22.36	31.73		100	CM	Bulk
09-23-30	31104	08.61	22.86	30.34		99	CM	Bulk
09-23-30	31105	08.58	22.54	31.22		99	CM	Bulk
09-23-30	31375	09.04	24.10	29.28		101	CM	Bulk
09-23-30	31376	08.83	23.84	30.05		101	CM	Bulk
09-23-30	31377	07.96*	21.29*	33.29		98	CM	Bulk
09-23-30	31378	08.59	23.08	30.73		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 10								
Average Analysis :		8.79	22.91	30.82		100.4		
CV, %		5.73	3.49	3.87				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.00	100.09	102.17				
ALL SAMPLES, CV, %		5.48	3.62	4.00				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		8.33 %						
ROYSTER CLARK		FLORENCE		AL				
05-08-21	30022+	05.40	07.23	22.36		101	Mnfr	Bulk
06-12-18	30123+	06.20	12.66	18.02		102	Mnfr	Bag
06-12-18	30587	06.63	13.03	17.40		104	Mnfr	Bulk
ROYSTER CLARK		FULTON		KY				
07-17-28	31422+	07.20	18.31	28.44		100	CM	Bulk
07-17-28	31423+	07.38	17.29	29.09		99	CM	Bulk
07-17-28	31424+	07.42	17.70	29.49		101	CM	Bulk
12-16-21	31661+	12.47	16.45	22.51		101	CM	Bulk
12-17-22	31306+	11.71	16.88	22.93		99	CM	Bulk
12-17-22	31307+	11.39	16.36	24.09		98	CM	Bulk
ROYSTER CLARK		HARDIN		KY				
05-13-17	29327	05.78	13.33	19.05		105	CM	Bulk
05-13-17	29328	06.04	14.04	18.70		107	CM	Bulk
05-13-17	29329	06.13	13.77	17.96		105	CM	Bulk
05-14-18	29414	06.03	14.15	19.73		105	CM	Bulk
16-12-15	30601	16.30	12.41	19.37		105	CM	Bulk
16-14-21	30605	16.79	14.27	23.32		102	CM	Bulk
16-16-21	31578	16.34	16.93	21.32		101	CM	Bulk
17-17-17	31577	17.67	17.94	18.56		101	CM	Bulk
19-19-19	30604	20.23	18.72	19.40		100	CM	Bulk
23-15-17	30602	24.36	15.63	16.69		101	CM	Bulk
23-15-17	30603	22.79	15.06	18.03		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ROYSTER CLARK		HARDIN		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		102.78	101.05	105.04				
ALL SAMPLES, CV, %		6.65	2.33	6.91				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						
ROYSTER CLARK		MADISON		WI				
00-00-00	30685+						Mat	Bag
ROYSTER CLARK		MURRAY		KY				
00-00-60	30533			61.92		103	Mat	Bulk
05-14-18	29217	06.19	13.95	20.60		103	CM	Bulk
05-14-18	29218	06.11	13.58	20.39		102	CM	Bulk
05-14-19	29250	06.17	14.86	21.75		105	CM	Bulk
05-14-19	29251	06.11	14.60	20.50		102	CM	Bulk
05-14-19	29252	06.27	14.61	20.83		103	CM	Bulk
06-16-21	29248	06.33	15.36	22.17		98	CM	Bulk
06-16-21	29249	07.30	17.74	21.05		106	CM	Bulk
06-16-21	29253	06.59	16.68	22.59		103	CM	Bulk
09-23-30	31304	08.19	22.46	31.53		99	CM	Bulk
09-23-30	31305	08.45	21.71	31.85		98	CM	Bulk
14-18-24	31303	13.56	18.15	25.25		100	CM	Bulk
18-46-00	30532	17.30	46.01			98	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.77	98.72	105.57				
ALL SAMPLES, CV, %		7.06	4.04	3.25				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		0.00 %						
ROYSTER CLARK		SEDALIA		KY				
05-14-18	29310	06.16	14.05	19.39		101	CM	Bulk
05-15-19	29308	06.57	15.32	20.75		103	CM	Bulk
06-15-20	29347	06.25	15.63	21.33		104	CM	Bulk
06-16-21	29348	06.61	15.90	22.32		101	CM	Bulk
07-18-17	29345	07.64	18.35	18.03		101	CM	Bulk
07-18-17	29346	07.96	19.08	18.76		105	CM	Bulk
09-23-30	29309	08.80	22.61	31.29		100	CM	Bulk
10-26-25	31106	09.95	26.13	26.28		99	CM	Bulk
10-26-25	31107	09.91	25.64	26.50		99	CM	Bulk
24-07-10	30586+	24.07	07.92	10.47		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.93	99.98	103.51				
ALL SAMPLES, CV, %		5.53	3.57	2.33				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
ROYSTER CLARK		UTICA		KY				
08-21-27	31436+	07.87	21.73	26.85		99	CM	Bulk
08-21-27	31437+	08.21	22.57	26.64		102	CM	Bulk
08-21-27	32117+	07.91	21.25	28.63		101	CM	Bulk
09-23-30	32118	09.34	23.40	30.95		102	CM	Bulk
09-23-30	32120	09.49	23.23	30.89		102	CM	Bulk
09-23-30	32122	10.37	23.37	31.73		105	CM	Bulk
09-23-30	32123	10.49	23.02	31.90		105	CM	Bulk
09-23-30	32124	10.96	22.94	31.74		105	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 5								
Average Analysis :		10.13	23.19	31.44		104.3		
CV, %		6.82	.88	1.53				
17-17-16	31435+	16.47	17.28	17.96		100	CM	Bulk
17-17-17	32119+	17.02	16.08	20.53		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
ROYSTER CLARK		UTICA		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		104.20	100.44	104.84				
ALL SAMPLES, CV, %		8.82	2.84	5.19				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
ROYSTER CLARK		WASHINGTON		CH OH				
05-10-10	30821	04.53*	09.20	10.67		95*	Blend	Bag
05-10-10	32381	05.98	10.45	10.77		108	Blend	Bag
05-10-10	32430	06.69	09.30	10.51		105	Blend	Bag
05-10-15	31239	04.77	08.95*	16.77		102	Blend	Bag
05-10-15	31780	04.86	08.63*	15.56		97	Blend	Bag
05-10-15	32343	05.03	09.68	16.19		103	Blend	Bag
05-10-15	32375	05.68	09.19	17.42		108	Blend	Bag
05-10-15	32382	05.11	09.21	16.03		101	Blend	Bag
05-10-15	32432	06.28	10.03	16.16		108	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade : 6								
Average Analysis :		5.28	9.28	16.35		103.7		
CV, %		10.98	5.42	3.97				
05-20-20	32379	04.74	21.26	19.96		102	Blend	Bag
06-24-24	31242	06.19	24.99	24.68		103	Blend	Bulk
06-24-24	32376	05.65	23.88	25.00		100	Blend	Bag
06-24-24	32384	06.34	25.39	23.60		103	Blend	Bag
10-10-10	29513	09.06*	09.40	10.39		95*	Blend	Bag
10-10-10	31353	08.53*	09.07*	10.05		90*	Blend	Bag
10-10-10	31782	09.95	09.13	10.56		97	Blend	Bag
10-15-25	29601	08.49*	13.06*	26.18		93*	Blend	Bag
10-15-25	32433	10.23	14.55	26.65		103	Blend	Bag
10-20-20	32344	10.30	20.14	21.09		102	Blend	Bag
12-12-12	29599	12.07	10.80*	11.74		95*	Blend	Bag
12-12-12	31241	10.75*	10.67*	11.71		91*	Blend	Bag
12-12-12	31779	12.49	10.05*	12.65		96*	Blend	Bag
12-12-12	32380	11.46	13.37	13.92		106	Blend	Bag
12-12-12	32429	12.83	11.28	12.94		102	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number Samples This Grade : 5								
Average Analysis :		11.92	11.23	12.59		98.4		
CV, %		6.96	11.32	7.31				
12-24-14	29600	11.36	22.06*	18.22		99	Blend	Bag
15-15-15	32378	14.44	15.21	14.96		99	Blend	Bag
19-19-19	29514	19.24	19.17	19.74		101	Blend	Bag
19-19-19	30820	18.81	18.34	20.05		99	Blend	Bag
19-19-19	31240	16.64*	18.66	21.76		98	Blend	Bag
19-19-19	31243	18.82	17.73*	20.22		98	Blend	Bulk
19-19-19	31781	18.67	17.91	20.91		99	Blend	Bag
19-19-19	32377	19.14	18.96	18.86		100	Blend	Bag
19-19-19	32383	19.34	19.78	19.95		103	Blend	Bag
19-19-19	32431	18.99	18.83	20.07		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 8								
Average Analysis :		18.70	18.67	20.19		100.2		
CV, %		4.62	3.59	4.20				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.03	97.14	105.95				
ALL SAMPLES, CV, %		10.29	6.70	5.91				
NUMBER OF ANALYSIS		34	34	34				
Deficiency Rate -		35.29 %						
RUDOLPH FARM SUPPLY		SALEM		KY				
00-23-30	29311		23.58	30.08		101	CM	Bulk
00-23-30	29312		25.49	27.67*		102	CM	Bulk
08-22-29	30575	08.96	22.36	30.05		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
RUDOLPH FARM SUPPLY		SALEM		KY				
10-26-26	30576	10.27	25.24	27.09		99	CM	Bulk
10-26-26	30577	10.05	24.88	26.84		98	CM	Bulk
10-26-26	30578	09.65	24.32*	28.89		99	CM	Bulk
21-15-20	30581	21.47	15.58	20.07		100	CM	Bulk
23-15-10	30579	21.55	16.71	11.75		102	CM	Bulk
23-15-10	30580	22.81	15.50	10.87		101	CM	Bulk
26-32-00	31500	25.77	33.04			100	CM	Bulk
32-00-00	30582	32.00				100	Mat	Liq
35-09-06	31499	34.67	12.31	05.46*		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.48	101.82	102.16				
ALL SAMPLES, CV, %		2.56	8.65	8.89				
NUMBER OF ANALYSIS		10	11	10				
Deficiency Rate -		25.00 %						
RUSSELLVILLE CROP		RUSSELLVILLE		KY				
06-26-27	29098	07.32	26.39	28.28		102	CM	Bulk
06-26-28	29099	06.87	25.56	31.62		103	CM	Bulk
06-26-28	29100	06.93	25.92	29.61		102	CM	Bulk
07-28-25	29193	07.64	27.58	27.04		101	CM	Bulk
08-26-19	29190	08.85	28.22	21.00		106	CM	Bulk
08-26-25	29173	08.13	26.55	27.07		101	CM	Bulk
09-23-30	29141	09.16	23.94	31.10		103	CM	Bulk
10-27-24	29189	10.84	28.85	23.87		102	CM	Bulk
10-31-07	29187+	11.08	33.87	07.14		108	CM	Bulk
10-31-07	29188+	11.19	33.63	07.27		108	CM	Bulk
12-30-20	29169	11.99	30.38	21.36		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		104.50	102.73	104.75				
ALL SAMPLES, CV, %		4.07	4.02	5.28				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						
SCHOCHOH CROP SERVICE		RUSSELLVILLE		KY				
04-11-08	30968	04.15*	10.70*	08.43		91*	CM	Bulk
04-11-08	30970	04.59	11.77	09.57		101	CM	Bulk
10-25-20	31609+	09.76	24.91	23.38		100	CM	Bulk
10-25-20	31610+	10.05	25.49	21.99		100	CM	Bulk
10-27-18	31320+	10.77	27.42	18.38		99	CM	Bulk
10-27-18	31321+	11.21	28.54	17.37		101	CM	Bulk
12-09-18	31618+	11.42	09.01	20.52		101	CM	Bulk
12-09-18	31619+	12.11	09.03	18.65		98	CM	Bulk
12-11-16	31616+	12.04	11.52	15.35		97	CM	Bulk
12-11-16	31617+	12.02	11.93	15.33		97	CM	Bulk
13-21-24	31319	14.53	22.61	23.93		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.57	100.04	101.18				
ALL SAMPLES, CV, %		4.12	4.98	6.95				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		9.09 %						
SCHULTZ COMPANY		BRIDGETON		MO				
00-00-00	29654	00.77	00.14	00.17		407	Mnfr	Bag
02-07-07	29669+	02.58	07.79	07.49		112	Mnfr	Liq
05-30-05	29660+	07.53	29.52	07.05		108	Mnfr	Liq
05-30-05	31608+	07.06	28.76	06.58		104	Blend	Liq
05-30-05	31804+	07.42	29.17	07.17		107	Blend	Bag
08-00-00	29659+	08.39				104	Mnfr	Liq
09-10-15	29662+	10.81	09.34	14.07		101	Mnfr	Liq
10-12-12	29661+	09.21	11.20	10.59*		91*	Mnfr	Liq
10-15-10	29670+	11.16	16.55	09.87		108	Mnfr	Liq
10-15-10	32115+	10.75	16.94	10.51		109	Blend	Bag
10-60-10	29556+	09.79	58.36	09.82		97	Blend	Bag
12-08-10	29752+	12.89	07.88	10.26		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
SCHULTZ COMPANY		BRIDGETON		MO				
14-14-16	29533+	17.80	16.95	16.63		118	Mnfr	Bag
15-17-15	29534+	17.84	16.09	16.71		107	Mnfr	Bag
17-17-17	29535+	19.91	18.06	12.59*		102	Mnfr	Bag
17-17-17	29540+	16.67	16.92	17.69		100	Mnfr	Bag
18-24-06	30590+	18.68	25.86	06.68		106	Blend	Bag
20-30-20	29781+	19.50	30.04	19.77		99	Mnfr	Bag
20-30-20	29885+	19.45	30.08	19.07		98	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		110.20	100.96	101.31				
ALL SAMPLES, CV, %		68.31	8.18	27.10				
NUMBER OF ANALYSIS		19	18	18				
Deficiency Rate -		11.11 %						
THE SCOTTS COMPANY		MARYSVILLE		OH				
09-18-18	29887+	10.41	18.86	18.98		107	Blend	Bag
19-25-05	29553+	21.24	24.82	05.53		104	Blend	Bag
20-27-05	29560	21.71	27.62	05.33		104	Blend	Bag
20-27-05	30681+	21.53	27.30	05.50		104	Blend	Bag
20-27-05	31225+	18.41*	25.87	05.24		94*	Blend	Bag
27-03-04	29597+	27.95	03.44	04.54		105	Blend	Bag
28-03-08	29856+	29.23	03.32	07.93		104	Blend	Bag
SCOTTS MIRACLE-GRO PRODUCTS		MARYSVILLE		OH				
04-12-04	29542	04.35	11.82	04.19		101	Mnfr	Liq
04-12-04	31607	04.31	12.71	04.36		106	Blend	Liq
06-12-06	29784+	06.65	13.09	06.58		109	Mnfr	Bag
09-17-09	31883	10.15	18.79	10.40		112	Blend	Bag
09-18-09	29543+	10.04	20.88	10.86		115	Mnfr	Bag
10-10-10	29544+	11.45	11.38	10.44		111	Mnfr	Bag
10-10-10	29791+	11.24	10.81	10.83		109	Mnfr	Bag
10-52-10	29532+	09.64	53.84	12.11		104	Mnfr	Bag
12-04-08	29783+	12.43	04.07	08.26		103	Mnfr	Liq
15-20-15	29782+	15.85	21.14	17.89		108	Mnfr	Bag
15-20-15	31803+	15.26	24.60	19.31		117	Blend	Bag
15-30-15	29054+	15.68	31.33	15.40		104	Mnfr	Bag
15-30-15	29531+	15.56	30.65	16.11		103	Mnfr	Bag
18-24-16	29530+	19.60	26.23	17.12		108	Mnfr	Bag
20-07-08	29665+	21.06	07.84	09.75		109	Mnfr	Bag
20-27-05	29656+	20.83	26.86	05.62		102	Mnfr	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		106.30	106.89	112.72				
ALL SAMPLES, CV, %		4.46	5.99	7.08				
NUMBER OF ANALYSIS		16	16	16				
Deficiency Rate -		0.00 %						
SCOTTS MIRACLE GRO PRODUCTS		PORT WASHINGT		NY				
00-00-00	29658	00.43	00.17	00.10		180	Mnfr	Bag
08-07-06	29557+	08.96	08.03	06.30		111	Mat	Bag
15-30-15	29549+	14.64	30.63	16.94		102	Blend	Bag
15-30-15	29792+	15.09	31.54	14.33		102	Mnfr	Bag
18-18-21	30019+	19.94	18.00	19.82		102	Blend	Bag
SCOTTS SIERRA HORT PROD CO		MARYSVILLE		OH				
14-14-14	29548+	14.61	14.48	14.16		102	Mnfr	Bag
19-02-15	32247+	19.46	02.25	15.77		103	Mnfr	Bag
19-06-12	32280+	19.56	07.13	13.06		107	Blend	Bag
SHELLEY, W.H. GEN MERCHANDISE		HILLSBORO		KY				
17-12-19	32271	16.26	13.48	19.71		100	CM	Bulk
19-19-19	32270	19.42	21.01	19.03		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
SPECTRUM GROUP		ST. LOUIS		MO				
12-26-06	29547+	12.92	26.60	05.96		103	Blend	Bag
12-36-14	29720+	12.78	36.76	14.54		103	Blend	Bag
20-20-20	29130+	20.60	20.96	20.34		103	Blend	Bag
20-20-20	30020+	20.34	20.21	20.03		101	Blend	Bag
SPEED AG SERVICE		HICKMAN		KY				
00-00-60	29524			60.47		100	Mat	Bulk
06-10-13	29298+	08.16	12.18	14.55		113	CM	Bulk
06-10-13	29299+	07.91	11.78	14.95		111	CM	Bulk
06-10-13	29302+	07.79	12.04	14.18		110	CM	Bulk
07-12-15	29300+	08.60	13.44	16.04		107	CM	Bulk
07-12-15	29301+	08.21	12.73	14.99		101	CM	Bulk
07-19-33	31662+	06.93	18.08	35.42		99	CM	Bulk
09-12-29	31429+	09.24	12.74	29.09		99	CM	Bulk
15-17-22	31427	14.05	18.26	23.34		100	CM	Bulk
15-17-22	31428	14.15	17.86	23.27		100	CM	Bulk
16-15-19	31426+	15.92	16.04	20.21		101	CM	Bulk
18-46-00	29523	17.75	46.10			99	Mat	Bulk
21-14-12	31663+	20.70	14.99	12.58		100	CM	Bulk
32-00-00	31425	32.00				100	Mat	Liq
34-00-00	29522	33.64				98	Mat	Bulk
46-00-00	29525	45.79				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.23	103.61	102.24				
ALL SAMPLES, CV, %		10.58	5.41	3.13				
NUMBER OF ANALYSIS		15	12	12				
Deficiency Rate -		0.00 %						
SQM NORTHAMERICA		ATLANTA		GA				
00-00-00	29895+						Mat	Bag
00-00-00	30096+						Mat	Bag
00-00-00	30790+						Mat	Bag
00-00-00	31824+						Mnfr	Bag
15-00-14	31809	15.08		16.23		108	Mat	Bag
15-00-14	31965	15.82		16.26		109	Mat	Bag
S.S. BARDSTOWN		BARDSTOWN		KY				
07-20-33	31547	07.92	20.90	33.64		101	CM	Bulk
08-20-27	32171+	08.18	20.16	27.51		99	CM	Bulk
08-20-27	32172+	07.66	20.03	28.78		98	CM	Bulk
08-20-33	31548	07.75	20.18	34.62		100	CM	Bulk
08-22-21	31545+	08.67	22.61	22.43		100	CM	Bulk
08-22-21	31546+	08.50	21.98	22.18		98	CM	Bulk
20-09-21	32169	19.69	10.55	21.69		101	CM	Bulk
20-09-21	32170	20.14	11.20	20.78		100	CM	Bulk
23-00-29	31544	23.53		30.75		102	CM	Bulk
24-15-12	31908	24.07	13.60*	15.94		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.23	99.25	103.27				
ALL SAMPLES, CV, %		2.11	7.24	6.76				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate -		10.00 %						
S.S. BOWLING GREEN		BOWLING GREEN		KY				
00-11-43	29229+		11.04	45.31		101	CM	Bulk
12-46-00	29194	11.98	45.76			99	CM	Bulk
12-46-00	29195	11.98	45.91			99	CM	Bulk
12-46-00	29208	12.41	45.86			100	CM	Bulk
12-46-00	29209	11.89	45.86			99	CM	Bulk
19-19-19	30319	18.92	18.31	20.27		98	CM	Bulk
19-19-19	30425	18.53	19.86	20.16		100	CM	Bulk
23-11-15	30592	22.40	11.39	17.26		101	CM	Bulk
23-14-14	32279	22.41	15.73	16.22		101	CM	Bulk
25-09-19	30318	24.32	09.82	21.09		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. BOWLING GREEN		BOWLING GREEN	KY					
27-11-15	30424	26.80	11.39	16.60		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.82	99.75	107.00				
ALL SAMPLES, CV, %		1.94	2.63	4.03				
NUMBER OF ANALYSIS		10	11	7				
Deficiency Rate -	0.00 %							
S.S. CADIZ BRANCH		CADIZ	KY					
06-16-16	29320	07.10	17.33	17.66		105	CM	Bulk
06-16-16	29321	07.20	17.77	16.85		105	CM	Bulk
06-16-16	29322	07.03	17.99	17.75		106	CM	Bulk
08-21-32	32004	08.73	21.30	32.45		100	CM	Bulk
08-21-32	32113	08.30	21.30	33.90		101	CM	Bulk
08-29-21	29290	07.93	29.04	22.85		99	CM	Bulk
10-26-25	30476	09.93	26.75	25.93		100	CM	Bulk
10-26-25	30477	09.33	25.90	27.16		99	CM	Bulk
11-28-22	29919	11.36	29.08	22.29		100	CM	Bulk
11-28-22	29922	11.09	27.82	23.76		99	CM	Bulk
11-28-22	29923	11.24	28.58	23.65		100	CM	Bulk
18-18-18	30478	18.72	18.10	20.22		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.01	100.41	103.70				
ALL SAMPLES, CV, %		5.51	3.48	2.62				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -	0.00 %							
SS COOP CALHOUN SERVICE		CALHOUN	KY					
00-23-30	29377		23.70	30.26		102	CM	Bulk
00-23-30	29378		23.32	30.92		102	CM	Bulk
00-23-30	29379		23.50	30.19		101	CM	Bulk
00-23-30	29380		24.19	29.92		102	CM	Bulk
00-23-30	29382		23.64	30.71		102	CM	Bulk
00-23-30	29383		23.53	30.12		101	CM	Bulk
00-23-30	29384		23.67	30.08		101	CM	Bulk
00-23-30	29385		23.88	30.47		102	CM	Bulk
Statistical Analysis for Grade : 00-23-30								
Number Samples This Grade :		8						
Average Analysis :		.00	23.67	30.33		102.1		
CV, %		.00	.29	1.12				
09-23-30	29381	08.38	22.85	30.86		99	CM	Bulk
09-23-30	29386	08.71	23.32	29.49		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		94.94	102.43	101.00				
ALL SAMPLES, CV, %		2.73	1.52	1.47				
NUMBER OF ANALYSIS		2	10	10				
Deficiency Rate -	0.00 %							
S.S. CAMPBELLSBURG BR		CAMPBELLSBURG	KY					
11-08-16	32103	12.99	08.20	16.66		104	CM	Bulk
12-10-15	32096	13.74	10.47	16.78		105	CM	Bulk
15-10-13	32099	15.03	10.46	14.95		105	CM	Bulk
16-18-18	31644	16.87	18.52	19.00		100	CM	Bulk
17-09-11	32097	18.61	09.57	12.15		101	CM	Bulk
18-13-21	32101	18.86	13.43	22.28		103	CM	Bulk
21-11-14	31643	21.35	11.57	16.30		102	CM	Bulk
23-11-16	32102	25.09	11.66	17.35		104	CM	Bulk
24-06-00	32100	26.16	06.33			105	CM	Bulk
30-09-12	32098	30.95	09.58	12.98		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. CAMPBELLSBURG BR		CAMPBELLSBURG		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		103.31	100.81	105.24				
ALL SAMPLES, CV, %		4.44	2.25	4.00				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate -		0.00 %						
S.S. CAMPBELLSVILLE BRANCH		CAMPBELLSVILLE		KY				
13-10-28	32290	13.76	10.70	27.67		97	CM	Bulk
13-10-28	32291	13.91	10.87	28.18		99	CM	Bulk
17-12-18	32289	16.95	13.95	17.66		99	CM	Bulk
17-12-18	32292	16.81	12.68	20.08		102	CM	Bulk
S.S. OWINGSVILLE CARLISLE SERVICE		CARLISLE		KY				
08-08-08	31452	08.18	08.82	08.78		101	CM	Bulk
08-21-28	31451+	08.03	21.06	30.31		99	CM	Bulk
09-18-28	31959	09.35	17.94	29.07	*	100	CM	Bulk
10-27-24	31453	10.20	27.07	23.26		97	CM	Bulk
12-09-14	31933	13.13	09.94	14.46		101	CM	Bulk
12-09-14	31960	14.04	09.12	14.99		103	CM	Bulk
15-03-31	31936	15.53	03.73	32.87		102	CM	Bulk
20-12-20	31934	19.37	12.92	21.39		102	CM	Bulk
20-12-20	31935	20.51	13.03	20.75		102	CM	Bulk
S.S. CLAY SERVICE		CLAY		KY				
07-18-36	32146	06.86	18.09	37.14		100	CM	Bulk
07-18-36	32199	07.16	18.38	37.31		101	CM	Bulk
07-18-36	32200	07.25	18.84	37.24		103	CM	Bulk
07-18-36	32201	06.87	18.20	36.96		100	CM	Bulk
09-23-30	32142	09.05	23.28	31.00		101	CM	Bulk
09-23-30	32143	09.03	23.58	30.29		101	CM	Bulk
09-23-30	32144	08.66	23.42	30.50		100	CM	Bulk
09-23-30	32145	08.85	23.19	30.97		101	CM	Bulk
S.S. GRN RVR SVC ADAIR CO BR		COLUMBIA		KY				
18-18-18	30371	18.67	19.20	19.30		100	CM	Bulk
19-19-19	30368	19.42	19.92	19.53		101	CM	Bulk
19-19-19	30369	18.75	19.09	20.87		100	CM	Bulk
19-19-19	30370	18.93	19.46	19.18		99	CM	Bulk
19-19-19	30917	19.21	19.15	20.27		100	CM	Bulk
19-19-19	30918	18.96	19.37	20.13		100	CM	Bulk
19-19-19	30919	19.33	20.17	20.09		102	CM	Bulk
19-19-19	30920	19.40	19.88	19.30		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 7								
Average Analysis :		19.14	19.57	19.91		100.6		
CV, %		1.37	2.12	3.02				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.80	101.05	102.81				
ALL SAMPLES, CV, %		1.24	1.94	2.80				
NUMBER OF ANALYSIS		8	8	8				
Deficiency Rate -		0.00 %						
SS LEXINGTON COOP-CYN BRANCH		CYNTHIANA		KY				
07-02-13	31874	07.76	02.28	12.94		99	CM	Bulk
08-08-14	31877	08.41	07.68	15.40		104	CM	Bulk
09-00-16	31869	09.69		16.95		102	CM	Bulk
10-06-12	31868	10.42	05.97	13.38		104	CM	Bulk
12-00-31	31875	12.73		31.35		100	CM	Bulk
14-10-23	31876	13.80	10.64	25.31		101	CM	Bulk
19-05-19	31872	18.98	05.44	20.63		101	CM	Bulk
19-05-19	31873	18.88	06.20	20.68		103	CM	Bulk
19-19-19	31867	19.19	19.59	20.13		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
SS LEXINGTON COOP-CYN BRANCH CYNTHIANA KY								
20-16-17	31878+	20.34	17.20	17.79		101	CM	Bulk
21-00-21	31870	20.70		23.13		99	CM	Bulk
36-00-12	31871	35.77		13.16		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.45	100.10	105.13				
ALL SAMPLES, CV, %		2.26	3.75	3.34				
NUMBER OF ANALYSIS		12	8	12				
Deficiency Rate -		0.00 %						
S.S. BOYLE BRANCH DANVILLE KY								
00-00-55	31416+			56.33		101	CM	Bulk
09-00-47	31417	09.11		49.27		101	CM	Bulk
09-00-47	31418	09.02		48.94		100	CM	Bulk
11-00-45	31412	11.14		46.29		101	CM	Bulk
11-00-45	31413	11.25		45.42		100	CM	Bulk
19-19-19	31419	18.87	19.04	19.49		98	CM	Bulk
23-00-30	31420	22.53		30.82		100	CM	Bulk
S.S. HARDIN ELIZABETHTOWN KY								
17-21-20	31295	16.29	21.68	20.53		98	CM	Bulk
18-18-18	30925	19.16	19.45	17.94		101	CM	Bulk
18-19-19	31214	17.98	19.97	20.27		99	CM	Bulk
19-19-19	30553	18.89	18.84	20.28		99	CM	Bulk
19-19-19	31215	18.81	19.65	19.60		99	CM	Bulk
19-19-19	31296	18.77	20.35	19.39		100	CM	Bulk
21-00-32	30554	21.55		32.90		101	CM	Bulk
21-00-32	30555	21.72		32.95		102	CM	Bulk
22-16-16	31502	22.53	17.24	17.64		101	CM	Bulk
23-16-16	31501	22.94	16.94	15.99		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.51	101.50	101.55				
ALL SAMPLES, CV, %		2.95	2.02	2.74				
NUMBER OF ANALYSIS		10	8	10				
Deficiency Rate -		0.00 %						
SS RUSSELLVILLE/TODD BRANCH ELKTON KY								
08-22-22	30966+	07.64*	20.04*	24.14		93*	CM	Bulk
08-22-22	30967+	08.54	22.36	22.77		99	CM	Bulk
09-23-30	29176	09.36	23.51	29.71		101	CM	Bulk
09-23-30	29177	08.82	23.02	31.11		100	CM	Bulk
09-23-30	29178	09.13	24.08	28.99		101	CM	Bulk
09-23-30	29179	09.63	24.75	28.21*		102	CM	Bulk
09-25-27	29224	09.39	23.72	29.81		99	CM	Bulk
10-13-27	30962	10.37	15.19	27.35		102	CM	Bulk
11-29-19	29186	10.62	27.99	20.86		98	CM	Bulk
12-32-17	29175	12.68	32.10	18.09		99	CM	Bulk
17-17-17	29174	17.16	18.74	17.59		104	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.07	100.03	102.20				
ALL SAMPLES, CV, %		5.68	6.75	5.13				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		18.18 %						
SSCINC-KENTUCKIANA SV EMINENCE KY								
05-11-14	31919+	09.79	11.04	15.26		112	CM	Bulk
09-18-28	32371	09.32	18.68	28.35		100	CM	Bulk
10-27-21	31298+	10.34	27.31	22.28		100	CM	Bulk
11-29-17	31299+	10.87	28.37	18.51		97	CM	Bulk
15-15-23	31918	15.34	15.94	24.04		101	CM	Bulk
16-09-14	31921	16.83	09.66	14.66		102	CM	Bulk
16-09-14	31922	16.86	09.16	15.27		103	CM	Bulk
17-00-25	32372	15.33*		26.83		101	CM	Bulk
20-11-20	31923	19.82	11.62	22.32		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
SSCINC-KENTUCKIANA SV		EMINENCE		KY				
21-12-19	32370	20.45	12.38	19.90		99	CM	Bulk
22-06-21	31920+	21.37	06.77	23.71		103	CM	Bulk
27-13-13	31297	26.75	13.87	14.18		100	CM	Bulk
27-13-13	31300	26.51	13.67	15.08		100	CM	Bulk
31-00-14	31924+	31.27		15.65		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.68	98.96	105.27				
ALL SAMPLES, CV, %		20.95	2.28	2.37				
NUMBER OF ANALYSIS		14	12	14				
Deficiency Rate -		7.14 %						
S.S. FLEMINGSBURG		FLEMINGSBURG		KY				
04-12-43	31443	04.98	12.67	43.96		100	CM	Bulk
08-20-31	31446	08.07	21.36	31.96		101	CM	Bulk
08-22-27	31450	08.35	22.29	29.13		101	CM	Bulk
09-23-30	31449	08.41	22.49	31.47		99	CM	Bulk
19-19-19	31444	17.87	18.82	21.12		98	CM	Bulk
21-15-20	31441	21.18	14.73	20.25		98	CM	Bulk
24-15-15	31445	24.32	15.29	16.01		99	CM	Bulk
25-14-14	31447	24.62	14.74	15.94		99	CM	Bulk
25-14-14	31448	24.99	14.67	15.46		99	CM	Bulk
28-12-12	31442	27.03	13.50	13.26		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.51	99.69	103.66				
ALL SAMPLES, CV, %		2.54	2.77	2.44				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
S.S. ANDRSN-FRANKLN SVC		FRANKFORT		KY				
12-00-19	31968	12.47		21.94	*	108	CM	Bulk
16-12-18	31970	16.61	11.76	20.24		101	CM	Bulk
19-00-21	31972	19.32		22.17		101	CM	Bulk
19-00-21	31973	18.82		22.27		101	CM	Bulk
20-00-20	31969	22.23		18.20*		98	CM	Bulk
23-00-17	31493	24.14		17.72		100	CM	Bulk
25-00-12	31971	24.92		13.04		100	CM	Bulk
S.S. SIMPSON		FRANKLIN		KY				
06-15-20	29199	06.65	16.21	19.91		102	CM	Bulk
10-26-22	29200	09.65	26.67	23.07		99	CM	Bulk
10-26-24	29196	10.14	26.33	25.01		101	CM	Bulk
10-26-24	29197	10.24	25.97	25.02		100	CM	Bulk
11-28-18	29198	10.42	29.22	18.87		99	CM	Bulk
12-30-20	30421	11.43	30.91	20.05		99	CM	Bulk
12-30-20	30591	12.04	31.37	19.35		100	CM	Bulk
12-33-14	29228	13.60	34.52	13.74		103	CM	Bulk
25-15-15	30423	24.47	15.08	16.32		99	CM	Bulk
29-00-21	30422	28.80		23.15		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.64	101.77	101.31				
ALL SAMPLES, CV, %		5.13	1.68	3.83				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate -		0.00 %						
S.S. GEORGETOWN		GEORGETOWN		KY				
00-00-57	32069+			57.49		100	CM	Bulk
12-15-27	32037	12.20	14.81	28.19		100	CM	Bulk
15-00-27	32072	14.86		28.61		101	CM	Bulk
17-00-30	31227	16.70		31.12		101	CM	Bulk
21-00-18	32070	20.44		19.46		100	CM	Bulk
22-10-03	32040	21.58	11.13	04.23		99	CM	Bulk
24-00-23	32073	24.13		24.75		101	CM	Bulk
25-00-15	31226	24.60		16.13		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. GEORGETOWN								
25-12-14	32071	24.54	12.99	14.81		100	CM	Bulk
31-15-05	32038	31.21	15.40	05.44		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.50	101.60	102.86				
ALL SAMPLES, CV, %		1.33	4.14	2.99				
NUMBER OF ANALYSIS		9	4	10				
Deficiency Rate -		0.00 %						
S.S. GLASGOW								
12-12-12	30202	13.29	13.02	13.49		102	CM	Bulk
18-00-36	30200	19.93		33.88*		100	CM	Bulk
19-19-19	30197	20.00	22.24	16.92*		104	CM	Bulk
19-19-19	30203	17.98	19.87	19.41		98	CM	Bulk
20-22-13	30206	19.93	22.14	16.49		101	CM	Bulk
21-09-14	32276	20.18	10.32	15.12		101	CM	Bulk
27-13-13	30201	27.22	12.25*	15.13		98	CM	Bulk
27-13-13	30204	28.94	12.13*	13.20		99	CM	Bulk
29-11-11	30198	29.53	11.18	12.37		98	CM	Bulk
29-11-11	30205	29.20	12.25	12.60		100	CM	Bulk
36-16-00	30199	36.19	16.21			100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.07	100.93	100.86				
ALL SAMPLES, CV, %		5.06	7.69	8.65				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate -		36.36 %						
S.S. GREEN CO SVC								
08-22-28	30060	08.57	22.57	29.29		100	CM	Bulk
11-29-21	30064	10.91	28.36	22.27		98	CM	Bulk
11-29-21	30065	10.96	29.07	22.01		99	CM	Bulk
12-12-33	30061	12.04	12.12	34.48		99	CM	Bulk
13-08-12	32104	13.92	07.29*	11.11*		94*	CM	Bulk
17-12-20	30038	18.36	11.39	20.76		99	CM	Bulk
17-12-20	30040	18.03	11.81	20.83		100	CM	Bulk
17-17-17	30039	18.13	17.91	17.18		100	CM	Bulk
17-17-17	30041	17.72	16.96	18.19		98	CM	Bulk
17-17-17	30059	17.47	16.84	18.49		100	CM	Bulk
19-11-16	32015	19.08	11.19	18.22		103	CM	Bulk
19-19-19	30063	19.49	19.19	19.48		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.62	97.75	101.39				
ALL SAMPLES, CV, %		3.09	3.77	4.51				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		8.33 %						
S.S. GREENVILLE								
08-22-30	32402	08.49	22.93	30.08		99	CM	Bulk
09-23-30	32393	08.66	21.73	30.77		97	CM	Bulk
09-23-30	32394	08.34	22.40	30.92		98	CM	Bulk
09-23-30	32403	08.22	22.02	30.85		97	CM	Bulk
09-23-30	32409	08.30	22.41	30.58		98	CM	Bulk
14-16-23	32401	13.50	16.59	24.45		100	CM	Bulk
17-14-21	32395	16.48	15.80	21.51		100	CM	Bulk
SS HARDIN COOP HODGENVILLE BR								
00-16-37	30559		17.04	38.57		101	CM	Bulk
00-16-37	30563		17.26	38.99		102	CM	Bulk
00-21-32	30561		21.49	33.03		101	CM	Bulk
00-25-26	30557		26.23	27.08		102	CM	Bulk
11-19-19	30560	12.14	20.19	19.30		102	CM	Bulk
15-09-14	32231	16.15	09.81	15.18		103	CM	Bulk
15-09-14	32232	16.01	09.44	15.53		103	CM	Bulk
19-19-19	30556	18.88	19.55	20.67		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
SS HARDIN COOP HODGENVILLE BR HODGENVILLE KY								
19-19-19	30558	18.89	18.86	20.08		99	CM	Bulk
19-19-19	30562	18.67	19.22	20.66		100	CM	Bulk
19-19-19	30564	18.63	19.42	20.05		99	CM	Bulk
19-19-19	30887	18.42	20.44	19.26		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 5								
Average Analysis :								
		18.69	19.49	20.14		100.2		
CV, %								
		1.04	3.01	2.87				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.87	101.23	103.15				
ALL SAMPLES, CV, %		2.66	2.46	2.31				
NUMBER OF ANALYSIS		8	12	12				
Deficiency Rate - 0.00 %								
S.S. BRECK HARDINSBURG KY								
07-14-07	31667	07.44	13.84	08.40	*	106	Blend	Liq
07-14-07	31668	07.75	15.59	05.37*		100	Blend	Liq
16-16-24	31005	16.59	17.39	26.24		102	CM	Bulk
16-17-24	31004	16.79	16.87	24.73		99	CM	Bulk
18-18-18	31003	18.88	18.44	17.97		101	CM	Bulk
19-18-20	31008	19.36	18.40	19.69		99	CM	Bulk
19-19-19	30611	19.36	20.32	20.26		103	CM	Bulk
19-19-19	30612	20.23	20.48	17.53*		101	CM	Bulk
19-19-19	31002	19.29	19.52	18.92		99	CM	Bulk
19-19-19	31006	18.89	21.12	18.64		101	CM	Bulk
19-24-14	31007	19.33	24.01	15.74		99	CM	Bulk
27-09-17	30613	26.92	11.12	16.31*		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.62	103.61	99.34				
ALL SAMPLES, CV, %		3.79	6.69	10.43				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate - 25.00 %								
S.S. CNTRL KY SVC HARRDSBRG HARRODSBURG KY								
05-14-37	31979+	05.79	13.74	37.81		99	CM	Bulk
09-04-06	31498	08.72	04.74	07.81		100	CM	Bulk
13-00-42	31977	13.23		44.23		102	CM	Bulk
15-00-36	31197+	15.80		35.65		99	CM	Bulk
16-00-26	31980	17.04		26.19		101	CM	Bulk
17-00-12	31981	17.99		12.95		102	CM	Bulk
17-00-25	31978	17.76		24.38		99	CM	Bulk
23-00-25	31976	23.88		24.65		100	CM	Bulk
24-03-07	31974	25.45	03.70	07.44		105	CM	Bulk
27-19-00	31975	27.10	20.62			101	CM	Bulk
32-00-14	30192	33.66		13.75		102	CM	Bulk
34-00-14	31196	34.47		14.45		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		102.23	101.25	100.60				
ALL SAMPLES, CV, %		3.26	8.03	6.90				
NUMBER OF ANALYSIS		12	4	11				
Deficiency Rate - 0.00 %								
S.S. HENDERSON HENDERSON KY								
08-20-33	32228	07.89	20.46	35.27		102	CM	Bulk
08-22-30	32224	08.92	23.64	30.13		101	CM	Bulk
09-23-30	32225	08.97	23.86	29.55		101	CM	Bulk
09-23-30	32226	08.93	22.95	31.26		101	CM	Bulk
09-23-30	32424	08.79	23.96	28.97		100	CM	Bulk
09-23-30	32425	08.82	23.87	29.77		101	CM	Bulk
15-15-22	32227	15.74	14.74	24.26		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. HOPKINSVILLE		HOPKINSVILLE		KY				
03-23-17	29277	04.08	22.84	19.53		102	CM	Bulk
03-23-17	29280	04.17	22.95	19.39		103	CM	Bulk
04-12-15	29279	05.18	12.82	18.80		111	CM	Bulk
04-12-15	29282	05.27	12.60	18.17		109	CM	Bulk
04-21-12	29281	05.08	20.92	13.11		101	CM	Bulk
06-17-13	29276	07.22	18.08	14.66		104	CM	Bulk
07-18-13	29278	07.46	18.41	14.64		105	CM	Bulk
12-31-18	31532	11.77	30.81	20.23		99	CM	Bulk
13-12-11	29123	13.88	13.88	12.07		107	CM	Bulk
17-20-20	29770	16.53	21.48	21.34		100	CM	Bulk
22-16-16	30223	21.65	17.59	17.96		100	CM	Bulk
28-16-00	31533	28.00	17.45			101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.12	101.42	109.32				
ALL SAMPLES, CV, %		6.54	3.21	4.49				
NUMBER OF ANALYSIS		12	12	11				
Deficiency Rate -		0.00 %						
S.S. HORSE CAVE		HORSE CAVE		KY				
08-20-27	29956	08.33	20.99	28.24		101	CM	Bulk
12-11-33	29961+	13.23	12.35	33.27		103	CM	Bulk
12-30-20	29958	11.74	31.28	19.92		100	CM	Bulk
13-14-30	29959	13.40	14.23	32.55		101	CM	Bulk
15-15-27	29962	15.55	15.49	27.19		100	CM	Bulk
16-12-27	30076+	16.31	13.30	27.96		102	CM	Bulk
17-08-13	32108+	19.43	08.56	13.39		104	CM	Bulk
21-12-12	32107	22.47	12.49	13.22		104	CM	Bulk
24-34-00	29957	25.11	34.16			100	CM	Bulk
26-31-00	29960	26.22	30.67			98	CM	Bulk
27-30-00	29963	26.54	30.90			99	CM	Bulk
30-12-10	30077	30.06	13.82	10.51		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.17	101.49	101.57				
ALL SAMPLES, CV, %		3.90	4.20	3.12				
NUMBER OF ANALYSIS		12	12	9				
Deficiency Rate -		0.00 %						
SS COOP ISLAND SERVICE		ISLAND		KY				
09-23-30	32125	10.95	24.44	28.72		105	CM	Bulk
09-23-30	32205	08.60	22.75	31.01		99	CM	Bulk
09-23-30	32206	08.28	22.47	31.18		98	CM	Bulk
09-23-30	32207	07.70*	22.04	32.13		98	CM	Bulk
S.S. KY SVC LAGRANGE BR		LAGRANGE		KY				
00-28-21	32006+		29.16	21.72		101	CM	Bulk
04-06-16	32012	05.30	05.98	17.74		103	CM	Bulk
09-11-16	32007	09.45	10.66	17.78		102	CM	Bulk
09-16-35	32010	08.93	16.41	37.57		103	CM	Bulk
09-16-35	32011	08.95	16.51	36.50		101	CM	Bulk
11-00-40	32008	11.52		42.30		104	CM	Bulk
11-15-33	32013	11.27	15.15	34.79		102	CM	Bulk
13-24-21	32005	13.24	23.77	22.50		99	CM	Bulk
16-12-18	32014	16.66	12.15	19.46		100	CM	Bulk
17-11-18	32009	18.17	10.89	18.54		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.72	99.22	104.60				
ALL SAMPLES, CV, %		2.55	2.46	2.14				
NUMBER OF ANALYSIS		9	9	10				
Deficiency Rate -		0.00 %						
S.S. ANDRSN FRNKLN LWRNCEBERG B		LAWRENCEBURG		KY				
04-11-38	31497	06.38	15.81	32.37*		105	CM	Bulk
11-01-14	31982	12.95	01.86	14.69		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. ANDRSN FRNKLN LWRNCEBERG B LAWRENCEBURG KY								
12-10-31	31199	11.80	11.21	31.59		99	CM	Bulk
13-03-09	31835	13.53	02.89	10.18		99	CM	Bulk
14-09-15	32196	14.56	09.87	17.22		105	CM	Bulk
16-00-12	31984	17.96		13.14		105	CM	Bulk
16-00-24	31967	17.41		25.93		103	CM	Bulk
17-11-17	31836	17.93	12.43	18.00		101	CM	Bulk
17-12-19	31834	16.86	12.61	19.93		101	CM	Bulk
20-00-24	31983	19.54		26.30		101	CM	Bulk
24-09-10	31198	23.62	10.57	11.42		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.65	108.78	101.33				
ALL SAMPLES, CV, %		12.65	13.16	7.04				
NUMBER OF ANALYSIS		11	8	11				
Deficiency Rate -		9.09 %						
S.S. LEBANON SVC LEBANON KY								
04-08-12	31900	04.02	08.51	12.59		101	CM	Bulk
07-20-26	31902+	08.51	21.60	26.53		104	CM	Bulk
09-18-27	31903	08.89	18.28	28.05		102	CM	Bulk
13-12-18	31898	13.84	13.25	18.83		101	CM	Bulk
21-17-17	31899	20.40	17.86	19.67		100	CM	Bulk
22-11-17	31901	18.42*	12.17	22.43		104	CM	Bulk
23-09-14	31904	23.55	09.72	14.62		101	CM	Bulk
S.S. LEITCHFIELD LEITCHFIELD KY								
00-13-41	30460		13.93	42.16		101	CM	Bulk
00-33-14	30459		34.42	15.38		101	CM	Bulk
19-19-19	30463	19.02	20.26	19.52		101	CM	Bulk
19-19-19	30466	19.40	20.06	19.70		101	CM	Bulk
19-19-19	30467	19.29	20.11	19.68		101	CM	Bulk
19-19-19	30468	19.59	19.54	19.56		101	CM	Bulk
27-13-13	30461	26.99	13.45	13.82		99	CM	Bulk
27-13-13	30462	26.58	14.24	13.71		100	CM	Bulk
27-13-13	30464	26.72	13.01	14.06		98	CM	Bulk
27-13-13	30465	26.28	14.18	14.26		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.65	101.99	101.84				
ALL SAMPLES, CV, %		1.54	2.88	1.26				
NUMBER OF ANALYSIS		8	10	10				
Deficiency Rate -		0.00 %						
S.S. LEXINGTON LEXINGTON KY								
04-12-43	31830	05.01	12.11	43.77		99	CM	Bulk
11-00-33	31831	10.96		34.97		103	CM	Bulk
13-00-13	31826	13.52		14.65		102	CM	Bulk
13-00-13	31827	13.98		14.65		104	CM	Bulk
13-09-12	32197	13.41	10.29	12.83		101	CM	Bulk
15-00-27	32195	15.87		26.82		99	CM	Bulk
17-00-25	31825	16.53		26.66		103	CM	Bulk
19-02-20	31832	19.28	02.08	21.77		103	CM	Bulk
22-00-17	31828	22.60		17.71		102	CM	Bulk
23-00-15	31829	23.84		16.08		102	CM	Bulk
28-16-00	32194	27.14	15.87			97	CM	Bulk
31-00-04	32193	29.50*		06.54		98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.73	98.87	104.47				
ALL SAMPLES, CV, %		2.77	3.26	10.82				
NUMBER OF ANALYSIS		12	4	11				
Deficiency Rate -		8.33 %						
S.S. LIBERTY SVC LIBERTY KY								
00-24-24	32342+		24.83	24.36		99	CM	Bulk
09-23-30	30514	08.65	23.19	30.85		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. LIBERTY SVC		LIBERTY		KY				
09-23-30	30515	08.80	23.78	30.79		102	CM	Bulk
09-25-25	30512+	09.00	24.12	26.94		98	CM	Bulk
10-11-17	32336	10.50	11.12	17.34		99	CM	Bulk
12-24-24	30516	11.93	23.99	25.86		99	CM	Bulk
12-24-24	30518	11.70	23.18	26.22		98	CM	Bulk
13-09-14	32337	12.34	10.06	14.07		99	CM	Bulk
19-19-19	30513	19.16	18.96	20.68		100	CM	Bulk
21-07-22	32340	21.13	07.25	22.40		99	CM	Bulk
23-14-14	32341	22.50	14.14	15.99		99	CM	Bulk
27-13-13	30517	26.41	13.58	14.98		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.21	98.89	103.94				
ALL SAMPLES, CV, %		2.65	3.43	3.67				
NUMBER OF ANALYSIS		11	12	12				
Deficiency Rate -		0.00 %						
S.S. LONDON		LONDON		KY				
00-20-20	31268		18.20*	19.68		93*	Blend	Bag
05-10-10	30712	03.30*	07.71*	09.63		80*	Blend	Bag
05-10-15	30703	04.00*	08.52*	16.78		99	Blend	Bag
05-10-15	31800	04.69	09.43	16.59		103	Blend	Bag
05-20-20	30976	04.91	20.14	19.55		99	Blend	Bag
05-20-20	31801	04.03*	18.78	20.05		94*	Blend	Bag
06-12-12	30713	05.51*	11.44	12.55		97	Blend	Bag
06-12-12	30722	04.97*	11.57	12.72		96*	Blend	Bag
06-12-12	30996	05.51*	11.91	12.64		99	Blend	Bag
06-12-12	31799	05.94	11.19	12.62		98	Blend	Bag
10-10-10	30705	09.62	10.26	09.97		99	Blend	Bag
10-10-10	30714	10.48	10.63	09.80		103	Blend	Bag
10-10-10	30974	09.39	09.76	10.24		97	Blend	Bag
10-10-10	31798	09.91	09.33	10.51		98	Blend	Bag
10-20-20	31269	09.14	19.91	20.71		98	Blend	Bag
12-12-12	30997	10.76*	11.27	12.55		94*	Blend	Bag
15-15-15	30724	14.51	16.27	14.95		102	Blend	Bag
19-19-19	30704	17.62	18.60	20.99		98	Blend	Bag
19-19-19	30723	18.05	18.86	21.11		100	Blend	Bag
19-19-19	30975	18.19	19.45	19.20		99	Blend	Bag
19-19-19	31267	18.86	20.07	19.83		101	CM	Bulk
19-19-19	31270	18.03	19.24	20.17		100	Blend	Bag
19-19-19	31272	19.50	19.00	19.51		99	CM	Bulk
19-19-19	31275	19.33	19.68	19.67		100	CM	Bulk
19-19-19	31276	19.26	19.53	19.75		100	CM	Bulk
19-19-19	31277	19.19	19.50	20.30		101	CM	Bulk
19-19-19	31278	18.54	16.97*	22.16		96*	CM	Bulk
19-19-19	31279	19.05	20.27	19.63		101	CM	Bulk
19-19-19	31280	18.95	18.98	19.67		98	CM	Bulk
19-19-19	31281	18.54	19.84	19.86		100	CM	Bulk
19-19-19	31797	19.02	19.02	19.40		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		14						
Average Analysis :		18.72	19.21	20.08		100.0		
CV, %		3.05	4.17	4.04				
20-18-18	31274	19.23	20.04	19.77		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.76	98.51	103.78				
ALL SAMPLES, CV, %		8.09	6.58	4.19				
NUMBER OF ANALYSIS		31	32	32				
Deficiency Rate -		28.12 %						
S.S. MADISONVILLE		MADISONVILLE		KY				
00-23-30	29403		22.00	32.61		101	CM	Bulk
00-23-30	29404		23.32	30.29		101	CM	Bulk
00-23-30	29405		24.15	29.74		102	CM	Bulk
00-23-30	29406		21.80	33.20		101	CM	Bulk
00-23-30	29407		22.47	32.09		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. MADISONVILLE		MADISONVILLE		KY				
00-23-30	29408		24.20	29.10		101	CM	Bulk
00-23-30	29415		23.39	30.47		101	CM	Bulk
00-23-30	29416		23.47	30.77		102	CM	Bulk
00-23-30	29417		24.07	29.92		102	CM	Bulk
00-23-30	29418		22.42	31.31		100	CM	Bulk
Statistical Analysis for Grade : 00-23-30								
Number Samples This Grade : 10								
Average Analysis :								
		.00	23.12	30.95		101.6		
CV, %								
		.00	3.49	4.29				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE .00 100.56 103.16								
ALL SAMPLES, CV, % 8.09 3.88 4.29								
NUMBER OF ANALYSIS 0 10 10								
Deficiency Rate - 0.00 %								
S.S. MAYSVILLE		MAYSVILLE		KY				
00-21-32	31250		21.24	33.55		101	CM	Bulk
00-22-29	31251+		22.44	30.24		101	CM	Bulk
00-26-26	31248		25.73	26.90		100	CM	Bulk
04-11-42	31246+	04.42	11.63	43.21		100	CM	Bulk
19-19-19	31244	18.90	19.70	19.44		99	CM	Bulk
19-19-19	31245	19.09	20.08	20.39		102	CM	Bulk
19-19-19	31252	18.31	18.60	20.77		98	CM	Bulk
19-19-19	31254	18.72	19.57	19.77		99	CM	Bulk
26-00-25	31247	26.00		26.72		100	CM	Bulk
26-00-25	31249	27.19		25.11		101	CM	Bulk
30-06-14	31253	30.71	06.91	15.36		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.20 100.12 103.61								
ALL SAMPLES, CV, % 2.16 2.14 2.13								
NUMBER OF ANALYSIS 8 9 11								
Deficiency Rate - 0.00 %								
S S MORGANFIELD		MORGANFIELD		KY				
03-17-39	29398	03.91	19.16	38.13		101	CM	Bulk
03-17-39	29401	03.90	18.59	39.33		101	CM	Bulk
03-19-37	29353	04.07	19.66	38.19		102	CM	Bulk
03-19-37	29354	04.03	18.67	39.04		101	CM	Bulk
03-19-37	29355	03.96	18.80	38.39		100	CM	Bulk
03-19-37	29356	03.69	18.50	39.05		100	CM	Bulk
03-19-37	29357	04.03	19.77	38.25		102	CM	Bulk
Statistical Analysis for Grade : 03-19-37								
Number Samples This Grade : 5								
Average Analysis :								
		3.95	19.08	38.58		101.4		
CV, %								
		3.89	3.09	1.10				
04-20-36	29399	04.39	20.92	36.33		101	CM	Bulk
04-20-36	29400	04.20	20.26	37.83		101	CM	Bulk
05-24-31	29402	05.09	24.85	31.78		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 104.21 101.60 100.70								
ALL SAMPLES, CV, % 4.64 3.35 1.99								
NUMBER OF ANALYSIS 10 10 10								
Deficiency Rate - 0.00 %								
S.S. MURRAY		MURRAY		KY				
05-13-17	29214	05.58	12.46	16.24		97	CM	Bulk
05-13-17	29215	05.87	12.77	18.25		103	CM	Bulk
07-18-18	29212	07.49	18.62	19.37		103	CM	Bulk
07-18-18	29213	08.01	18.85	18.53		104	CM	Bulk
07-19-18	29210	07.77	18.57	21.04		101	CM	Bulk
07-19-18	29211	07.71	19.95	19.17		102	CM	Bulk
09-23-30	29978	09.63	22.95	30.42		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. MURRAY								
		MURRAY	KY					
09-23-30	29979	08.90	22.29	31.26		99	CM	Bulk
09-23-30	29980	08.49	22.72	31.53		100	CM	Bulk
09-23-30	29981	08.92	22.50	31.03		100	CM	Bulk
09-23-30	29982	09.02	22.77	30.13		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 5								
Average Analysis : 8.99 22.64 30.87 100.3								
CV, % 4.56 1.12 1.89								
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 103.02 98.93 103.42								
ALL SAMPLES, CV, % 5.70 2.67 4.13								
NUMBER OF ANALYSIS 11 11 11								
Deficiency Rate - 0.00 %								
S.S. NICHOLASVILLE SVC								
		NICHOLASVILLE	KY					
09-00-13	31757	09.10		13.82		100	CM	Bulk
16-07-22	31754	15.44	07.78	23.79		102	CM	Bulk
17-00-30	31414	16.44		30.95		100	CM	Bulk
21-00-21	31348	20.91		22.81		99	CM	Bulk
21-00-21	31349	20.64		23.88		100	CM	Bulk
22-00-20	31415	21.90		21.10		99	CM	Bulk
39-10-00	31755	38.84	10.72			99	CM	Bulk
39-10-00	31756	39.43	10.16			99	CM	Bulk
SS OWENSBORO								
		OWENSBORO	KY					
00-13-42	29365		15.86	40.51*		103	CM	Bulk
00-13-42	29366		15.01	41.45		102	CM	Bulk
00-14-41	29363		16.19	39.68*		102	CM	Bulk
00-14-41	29364		16.74	39.55*		103	CM	Bulk
00-15-39	29362		16.99	39.38		103	CM	Bulk
00-22-30	29358		23.35	31.55		103	CM	Bulk
00-22-30	29360		23.54	30.52		102	CM	Bulk
00-22-30	29361		22.86	31.41		101	CM	Bulk
00-23-29	29359		25.08	28.57		103	CM	Bulk
00-23-30	29247		18.88*	35.92		98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE .00 104.87 100.15								
ALL SAMPLES, CV, % 5.70 10.06 7.46								
NUMBER OF ANALYSIS 0 10 10								
Deficiency Rate - 40.00 %								
S.S. OWENTON								
		OWENTON	KY					
04-10-42	30573+	04.42	10.23	42.19		99	CM	Bulk
06-12-19	32152	06.80	13.75	18.94		102	CM	Bulk
09-18-27	32148	08.72	17.34	29.42		100	CM	Bulk
09-18-28	32147	10.11	20.58	27.12		101	CM	Bulk
09-18-28	32151	09.45	18.68	28.58		100	CM	Bulk
09-18-28	32155	09.54	19.43	28.26		101	CM	Bulk
09-18-28	32156	09.45	18.11	29.73		101	CM	Bulk
15-15-23	32149	14.54	16.58	23.98	*	101	CM	Bulk
17-11-20	32153	16.84	11.00	21.42	*	101	CM	Bulk
19-13-20	32150	19.40	13.71	20.43		100	CM	Bulk
21-03-24	32154	20.68	03.96	25.59		101	CM	Bulk
26-13-13	30572	25.88	12.98	14.13		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.92 101.22 102.20								
ALL SAMPLES, CV, % 4.37 5.34 3.32								
NUMBER OF ANALYSIS 12 12 12								
Deficiency Rate - 0.00 %								
S.S. OWINGSVILLE SVC								
		OWINGSVILLE	KY					
06-17-34	31455+	06.46	18.03	35.86		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. OWINGSVILLE SVC		OWINGSVILLE		KY				
15-00-26	31456+	15.23		27.57		102	CM	Bulk
19-19-19	31458	18.62	18.36	20.73		98	CM	Bulk
19-19-19	31459	18.45	19.33	20.79		99	CM	Bulk
19-19-19	31460	18.90	19.33	19.48		99	CM	Bulk
19-19-19	31461	18.65	18.41	19.71		97	CM	Bulk
19-19-19	31462	19.25	19.70	19.67		100	CM	Bulk
19-19-19	31463	19.32	19.26	18.99		99	CM	Bulk
19-19-19	31464	19.60	18.50	19.48		98	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 7								
Average Analysis :								
		18.97	18.98	19.83		99.0		
CV, %								
		2.25	2.87	3.39				
22-12-12	31454	22.04	12.24	13.56		99	CM	Bulk
34-06-10	31457	33.99	06.24	10.61		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.39 98.19 102.86								
ALL SAMPLES, CV, % 2.59 2.77 2.74								
NUMBER OF ANALYSIS 11 10 11								
Deficiency Rate - 0.00 %								
S.S. COOP. INC-FERT. DIV.		RICHMOND		VA				
00-00-00	29850+						Mat	Bulk
00-00-20	29607+			21.11		105	Mat	Bulk
00-00-22	31228+			21.92		99	Mat	Bulk
00-00-22	32039+			25.71		116	Mat	Bulk
00-00-50	30089			50.74		101	Mat	Bulk
00-00-50	30144			51.38		102	Mat	Bulk
00-00-50	30354			51.35		102	Mat	Bulk
00-00-50	30567			51.06		102	Mat	Bulk
00-00-50	30633			50.55		101	Mat	Bulk
00-00-50	30657			51.14		102	Mat	Bulk
00-00-50	30671			50.61		101	Mat	Bulk
00-00-50	30826			51.48		102	Mat	Bulk
00-00-50	30964			50.07		100	Mat	Bulk
00-00-50	31084			50.25		100	Mat	Bulk
00-00-50	31193			50.63		101	Mat	Bulk
00-00-50	31621			51.94		103	Mat	Bulk
00-00-50	31734			51.63		103	Mat	Bulk
00-00-50	31886			52.02		104	Mat	Bulk
00-00-50	31966			51.21		102	Mat	Bulk
00-00-50	32275			51.41		102	Mat	Bulk
00-00-50	32278			49.85		99	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number Samples This Grade : 17								
Average Analysis :								
		.00	.00	51.01		102.0		
CV, %								
		.00	.00	1.23				
00-00-60	29201			60.19		100	Mat	Bulk
00-00-60	29225			59.67		99	Mat	Bulk
00-00-60	29255			60.64		101	Mat	Bulk
00-00-60	29501			61.25		102	Mat	Bulk
00-00-60	29516			61.19		101	Mat	Bulk
00-00-60	29576			60.19		100	Mat	Bulk
00-00-60	29605			60.33		100	Mat	Bulk
00-00-60	29616			60.42		100	Mat	Bulk
00-00-60	29645			59.53		99	Mat	Bulk
00-00-60	29674			60.55		100	Mat	Bulk
00-00-60	29677			59.44		99	Mat	Bulk
00-00-60	29691			59.76		99	Mat	Bulk
00-00-60	29701			60.12		100	Mat	Bulk
00-00-60	29710			59.53		99	Mat	Bulk
00-00-60	29726			59.26		98	Mat	Bulk
00-00-60	29729			59.59		99	Mat	Bulk
00-00-60	29772			60.44		100	Mat	Bulk
00-00-60	29797			61.31		102	Mat	Bulk
00-00-60	29800			60.71		101	Mat	Bulk
00-00-60	29814			60.43		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND	VA					
00-00-60	29816			61.58		102	Mat	Bulk
00-00-60	29827			60.27		100	Mat	Bulk
00-00-60	29832			60.89		101	Mat	Bulk
00-00-60	29836			60.71		101	Mat	Bulk
00-00-60	29854			59.82		99	Mat	Bulk
00-00-60	29868			60.28		100	Mat	Bulk
00-00-60	29876			61.38		102	Mat	Bulk
00-00-60	29889			60.89		101	Mat	Bulk
00-00-60	29912			60.14		100	Mat	Bulk
00-00-60	29948			60.70		101	Mat	Bulk
00-00-60	30028			61.12		101	Mat	Bulk
00-00-60	30092			60.42		100	Mat	Bulk
00-00-60	30143			61.09		101	Mat	Bulk
00-00-60	30145			61.02		101	Mat	Bulk
00-00-60	30152			61.35		102	Mat	Bulk
00-00-60	30188			61.23		102	Mat	Bulk
00-00-60	30353			60.47		100	Mat	Bulk
00-00-60	30571			60.72		101	Mat	Bulk
00-00-60	30618			60.72		101	Mat	Bulk
00-00-60	30631			61.39		102	Mat	Bulk
00-00-60	30640			61.24		102	Mat	Bulk
00-00-60	30655			61.24		102	Mat	Bulk
00-00-60	30669			61.21		102	Mat	Bulk
00-00-60	30731			61.24		102	Mat	Bulk
00-00-60	30788			61.50		102	Mat	Bulk
00-00-60	30809			60.97		101	Mat	Bulk
00-00-60	30827			60.60		101	Mat	Bulk
00-00-60	30955			60.35		100	Mat	Bulk
00-00-60	31086			59.85		99	Mat	Bulk
00-00-60	31153			60.82		101	Mat	Bulk
00-00-60	32204			61.75		102	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 51								
Average Analysis : .00 .00 60.61 101.0								
CV, % .00 .00 1.03								
00-45-00	29574		45.88			101	Mat	Bulk
00-45-00	30630		46.11			102	Mat	Bulk
00-46-00	29230		46.68			101	Mat	Bulk
00-46-00	29245		45.71			99	Mat	Bulk
00-46-00	29611		45.86			99	Mat	Bulk
00-46-00	29615		45.47			98	Mat	Bulk
00-46-00	29647		46.77			101	Mat	Bulk
00-46-00	29709		45.79			99	Mat	Bulk
00-46-00	29853		45.55			99	Mat	Bulk
00-46-00	29913		47.21			102	Mat	Bulk
00-46-00	29955		46.15			100	Mat	Bulk
00-46-00	30186		46.53			101	Mat	Bulk
00-46-00	30637		46.66			101	Mat	Bulk
00-46-00	30648		46.22			100	Mat	Bag
00-46-00	30661		46.46			101	Mat	Bulk
00-46-00	30729		46.25			100	Mat	Bulk
00-46-00	30786		44.64			97	Mat	Bulk
00-46-00	30963		46.60			101	Mat	Bulk
00-46-00	31088		45.34			98	Mat	Bulk
Statistical Analysis for Grade : 00-46-00								
Number Samples This Grade : 17								
Average Analysis : .00 46.11 .00 100.2								
CV, % .00 .90 .00								
05-10-15	31350	04.38*	08.96*	16.38		100	Blend	Bag
05-10-15	31691+	05.51	09.68	15.95		104	Blend	Bag
09-18-27	31352	04.74*	10.61*	37.64		102	Blend	Bag
10-10-10	31351	08.92*	11.09	10.18		100	Blend	Bag
11-52-00	29227	11.41	52.17			100	Mat	Bulk
18-46-00	29049	17.68	45.81			99	Mat	Bulk
18-46-00	29202	18.10	46.32			100	Mat	Bulk
18-46-00	29226	17.92	45.55			99	Mat	Bulk
18-46-00	29231	17.70	45.91			99	Mat	Bulk
18-46-00	29246	18.36	46.44			101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND	VA					
18-46-00	29503	17.41	45.93			99	Mat	Bulk
18-46-00	29517	17.45	45.74			98	Mat	Bulk
18-46-00	29578	17.76	45.56			98	Mat	Bulk
18-46-00	29606	17.70	45.23			98	Mat	Bulk
18-46-00	29613	17.46	45.90			99	Mat	Bulk
18-46-00	29644	17.61	45.44			98	Mat	Bulk
18-46-00	29675	17.00	45.44			97	Mat	Bulk
18-46-00	29678	17.20	45.50			98	Mat	Bulk
18-46-00	29689	17.27	45.17			97	Mat	Bulk
18-46-00	29703	17.71	45.99			99	Mat	Bulk
18-46-00	29712	17.55	45.29			98	Mat	Bulk
18-46-00	29727	17.47	45.38			98	Mat	Bulk
18-46-00	29732	17.51	45.22			98	Mat	Bulk
18-46-00	29771	17.24	45.49			98	Mat	Bulk
18-46-00	29796	17.24	45.29			97	Mat	Bulk
18-46-00	29799	17.52	46.12			99	Mat	Bulk
18-46-00	29812	17.47	45.47			98	Mat	Bulk
18-46-00	29818	17.41	45.87			98	Mat	Bulk
18-46-00	29826	17.41	45.27			97	Mat	Bulk
18-46-00	29834	17.27	45.60			98	Mat	Bulk
18-46-00	29835	17.60	45.90			99	Mat	Bulk
18-46-00	29852	17.24	45.63			98	Mat	Bulk
18-46-00	29867	17.46	45.95			99	Mat	Bulk
18-46-00	29875	16.85	42.22*			92*	Mat	Bulk
18-46-00	29897	17.62	45.47			98	Mat	Bulk
18-46-00	29914	17.96	46.45			100	Mat	Bulk
18-46-00	29942	17.58	45.61			98	Mat	Bulk
18-46-00	29954	17.33	45.62			98	Mat	Bulk
18-46-00	30090	17.36	45.80			98	Mat	Bulk
18-46-00	30095	17.45	45.73			98	Mat	Bulk
18-46-00	30100	17.32	45.53			98	Mat	Bulk
18-46-00	30146	17.53	46.13			99	Mat	Bulk
18-46-00	30154	17.49	45.83			98	Mat	Bulk
18-46-00	30187	17.83	46.02			99	Mat	Bulk
18-46-00	30355	17.53	46.02			99	Mat	Bulk
18-46-00	30569	17.43	45.38			98	Mat	Bulk
18-46-00	30619	17.65	46.49			100	Mat	Bulk
18-46-00	30635	18.08	46.19			100	Mat	Bulk
18-46-00	30638	17.06	44.38			96*	Mat	Bulk
18-46-00	30639	17.35	45.68			98	Mat	Bulk
18-46-00	30656	17.48	45.47			98	Mat	Bulk
18-46-00	30672	17.58	45.28			98	Mat	Bulk
18-46-00	30728	17.44	46.00			99	Mat	Bulk
18-46-00	30810	17.68	45.97			99	Mat	Bulk
18-46-00	30811	17.53	45.98			99	Mat	Bulk
18-46-00	30828	17.47	45.75			98	Mat	Bulk
18-46-00	30829	17.40	46.20			99	Mat	Bulk
18-46-00	30953	17.14	45.51			97	Mat	Bulk
18-46-00	31085	16.94	45.78			98	Mat	Bulk
18-46-00	31152	17.51	46.51			100	Mat	Bulk
18-46-00	31192	17.35	45.71			98	Mat	Bulk
18-46-00	31855	17.15	44.67			96*	Mat	Bulk
18-46-00	32203	17.84	46.37			100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 58								
Average Analysis :								
		17.49	45.65	.00		98.6		
CV, %								
		1.58	1.35	.00				
21-00-00	29610+	21.41				101	Mat	Bulk
30-00-00	32423	30.00				100	Mat	Liq
33-00-00	29518	34.06				101	Mat	Bulk
34-00-00	29577	34.12				100	Mat	Bulk
34-00-00	29608	34.41				101	Mat	Bulk
34-00-00	29612	34.50				101	Mat	Bulk
34-00-00	29646	34.05				100	Mat	Bulk
34-00-00	29673	34.39				101	Mat	Bulk
34-00-00	29676	33.80				99	Mat	Bulk
34-00-00	29690	34.39				101	Mat	Bulk
34-00-00	29702	34.50				101	Mat	Bulk
34-00-00	29731	34.46				101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND		VA				
34-00-00	29768	33.99				99	Mat	Bulk
34-00-00	29774	34.27				100	Mat	Bulk
34-00-00	29794	33.91				99	Mat	Bulk
34-00-00	29811	33.77				99	Mat	Bulk
34-00-00	29815	33.93				99	Mat	Bulk
34-00-00	29877	34.02				100	Mat	Bulk
34-00-00	29911	33.97				99	Mat	Bulk
34-00-00	30091	34.40				101	Mat	Bulk
34-00-00	30099	33.57				98	Mat	Bulk
34-00-00	30568	34.46				101	Mat	Bulk
34-00-00	30632	33.93				99	Mat	Bulk
34-00-00	30642	34.27				100	Mat	Bulk
34-00-00	30668	33.69				99	Mat	Bulk
34-00-00	30825	34.13				100	Mat	Bulk
34-00-00	30952	34.05				100	Mat	Bag
34-00-00	30965	33.63				98	Mat	Bulk
34-00-00	31089	33.94				99	Mat	Bulk
34-00-00	31654	33.40				98	Mat	Bulk
34-00-00	31765	33.99				99	Mat	Bag
34-00-00	31808	34.50				101	Mat	Bag
34-00-00	31889	34.04				100	Mat	Bag
34-00-00	32085	33.01				97	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 31								
Average Analysis :								
		34.04	.00	.00		100.1		
CV, %								
		1.04	.00	.00				
46-00-00	29502	45.91				99	Mat	Bulk
46-00-00	29515	45.84				99	Mat	Bulk
46-00-00	29575	45.80				99	Mat	Bulk
46-00-00	29609	46.10				100	Mat	Bulk
46-00-00	29614	46.05				100	Mat	Bulk
46-00-00	29648	45.47				98	Mat	Bulk
46-00-00	29672	45.73				99	Mat	Bulk
46-00-00	29688	45.67				99	Mat	Bulk
46-00-00	29704	45.83				99	Mat	Bulk
46-00-00	29711	46.18				100	Mat	Bulk
46-00-00	29728	45.92				99	Mat	Bulk
46-00-00	29730	45.57				99	Mat	Bulk
46-00-00	29769	45.95				99	Mat	Bulk
46-00-00	29773	45.92				99	Mat	Bulk
46-00-00	29795	45.89				99	Mat	Bulk
46-00-00	29798	45.98				99	Mat	Bulk
46-00-00	29813	46.07				100	Mat	Bulk
46-00-00	29817	45.98				99	Mat	Bulk
46-00-00	29825	45.85				99	Mat	Bulk
46-00-00	29833	45.56				99	Mat	Bulk
46-00-00	29837	46.12				100	Mat	Bulk
46-00-00	29851	45.93				99	Mat	Bulk
46-00-00	29866	45.53				98	Mat	Bulk
46-00-00	29898	46.09				100	Mat	Bulk
46-00-00	29941	45.96				99	Mat	Bulk
46-00-00	29953	45.87				99	Mat	Bulk
46-00-00	30093	46.20				100	Mat	Bulk
46-00-00	30094	46.07				100	Mat	Bulk
46-00-00	30101	46.15				100	Mat	Bulk
46-00-00	30147	45.88				99	Mat	Bulk
46-00-00	30153	45.94				99	Mat	Bulk
46-00-00	30185	45.97				99	Mat	Bulk
46-00-00	30317	45.95				99	Mat	Bulk
46-00-00	30352	46.08				100	Mat	Bulk
46-00-00	30570	46.04				100	Mat	Bulk
46-00-00	30620	46.08				100	Mat	Bulk
46-00-00	30634	46.05				100	Mat	Bulk
46-00-00	30636	45.08				98	Mat	Bulk
46-00-00	30641	46.14				100	Mat	Bulk
46-00-00	30658	46.06				100	Mat	Bulk
46-00-00	30659	46.07				100	Mat	Bulk
46-00-00	30660	46.20				100	Mat	Bulk
46-00-00	30670	45.90				99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND		VA				
46-00-00	30730	46.14				100	Mat	Bulk
46-00-00	30812	46.17				100	Mat	Bulk
46-00-00	30813	46.08				100	Mat	Bulk
46-00-00	30823	45.95				99	Mat	Bulk
46-00-00	30824	46.20				100	Mat	Bulk
46-00-00	30954	46.20				100	Mat	Bulk
46-00-00	30969	45.80				99	Mat	Bulk
46-00-00	31087	46.20				100	Mat	Bulk
46-00-00	31151	46.20				100	Mat	Bulk
46-00-00	32202	45.92				99	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 53								
Average Analysis :								
		45.95	.00	.00		99.8		
CV, %								
		.47	.00	.00				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		99.26	99.35	101.65				
ALL SAMPLES, CV, %								
		48.20	5.04	4.87				
NUMBER OF ANALYSIS								
		150	82	75				
Deficiency Rate - 2.50 %								
S.S. RICHMOND SERVICE		RICHMOND		KY				
04-09-14	32027	04.76	09.79	15.31		102	CM	Bulk
04-09-14	32028	04.88	09.83	14.80		101	CM	Bulk
06-12-19	32033	06.40	13.13	19.34		101	CM	Bulk
09-07-14	32030	10.04	07.48	14.70		102	CM	Bulk
09-07-14	32031	09.71	06.95	14.66		100	CM	Bulk
09-18-28	32032	08.97	18.47	29.12		100	CM	Bulk
18-11-17	32035	18.46	12.09	17.19		101	CM	Bulk
18-11-17	32036	18.58	11.45	17.69		101	CM	Bulk
19-08-17	32034	19.56	08.55	18.10		101	CM	Bulk
26-00-22	32029	26.38		22.36		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		99.65	101.43	102.11				
ALL SAMPLES, CV, %								
		2.20	2.87	1.59				
NUMBER OF ANALYSIS								
		10	9	10				
Deficiency Rate - 0.00 %								
SS ADAIR RUSSELL SPRINGS		RUSSELL SPRIN		KY				
09-23-30	30010	08.61	22.68	30.65		99	CM	Bulk
09-23-30	30011	08.72	23.69	30.25		101	CM	Bulk
17-17-17	30909	17.52	17.78	17.35		99	CM	Bulk
17-17-17	30910	17.48	19.32	17.82		102	CM	Bulk
17-17-17	30913	16.99	18.20	18.37		102	CM	Bulk
17-17-17	30914	16.89	19.20	18.85		102	CM	Bulk
17-17-17	30916	17.61	19.24	17.86		103	CM	Bulk
Statistical Analysis for Grade : 17-17-17								
Number Samples This Grade : 5								
Average Analysis :								
		17.29	18.74	18.05		102.0		
CV, %								
		1.91	3.78	3.18				
19-19-19	30915	18.41	18.46	20.56		97	CM	Bulk
21-09-14	30911	21.87	10.60	14.33		100	CM	Bulk
22-00-20	30908	20.96*		22.74		100	CM	Bulk
22-10-15	30912	21.94	10.51	15.89		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		97.31	103.41	103.21				
ALL SAMPLES, CV, %								
		2.37	4.36	4.69				
NUMBER OF ANALYSIS								
		11	10	11				
Deficiency Rate - 9.09 %								
S.S. COOP, INC		RUSSELLVILLE		KY				
04-16-04	29692	04.85	16.17	03.63		103	Blend	Bag
05-10-15	29696	05.84	10.56	14.78		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP, INC		RUSSELLVILLE		KY				
05-10-15	30927	04.26*	08.68*	17.50		103	Blend	Bag
05-10-15	31738	05.13	09.73	16.40		104	Blend	Bag
05-10-15	31768+	05.08	09.26	16.38		103	Blend	Bag
05-10-15	31771	04.91	09.20	16.30		102	Blend	Bag
05-10-15	31815	04.46*	08.81*	16.90		101	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade : 6								
Average Analysis :		4.94	9.37	16.37		103.1		
CV, %		11.29	7.35	5.52				
06-12-12	29113	06.19	11.91	12.74		102	Blend	Bag
06-24-24	29693	06.24	23.67	24.66		100	Blend	Bag
06-24-24	30190	05.83	22.95	25.54		99	Blend	Bag
06-24-24	30950	06.30	24.75	24.04		102	Blend	Bag
06-24-24	31024	06.13	24.30	24.31		101	Blend	Bag
06-24-24	31666	06.04	23.17	25.82		100	Blend	Bag
06-24-24	31692	06.12	24.44	24.39		101	Blend	Bag
06-24-24	31739	06.15	23.76	25.19		101	Blend	Bag
Statistical Analysis for Grade : 06-24-24								
Number Samples This Grade : 7								
Average Analysis :		6.11	23.86	24.85		101.0		
CV, %		2.48	2.79	2.71				
10-10-10	29112	09.25	09.27	10.81		95*	Blend	Bag
10-10-10	29126	09.27	10.30	10.79		99	Blend	Bag
10-10-10	29695	11.59	11.52	10.86		113	Blend	Bag
10-10-10	29871	07.90*	09.66	10.62		92*	Blend	Bag
10-10-10	29921	09.98	09.25	10.41		97	Blend	Bag
10-10-10	30042	09.50	09.32	10.75		97	Blend	Bag
10-10-10	30043	10.10	09.99	10.26		100	Blend	Bag
10-10-10	30189	09.31	09.70	10.52		97	Blend	Bag
10-10-10	30365	10.16	10.59	10.33		103	Blend	Bag
10-10-10	30780	09.14	09.53	10.49		96*	Blend	Bag
10-10-10	30856	09.32	09.77	11.05		99	Blend	Bag
10-10-10	30926	09.91	10.09	11.30		103	Blend	Bag
10-10-10	30951	09.97	10.08	10.74		101	Blend	Bag
10-10-10	31023	08.83*	09.43	10.48		94*	Blend	Bag
10-10-10	31655	08.79*	09.26	10.99		94*	Blend	Bag
10-10-10	31664	09.64	09.83	10.74		99	Blend	Bag
10-10-10	31689	09.69	09.40	10.47		97	Blend	Bag
10-10-10	31710	10.21	10.11	10.64		102	Blend	Bag
10-10-10	31741	08.98*	10.06	11.27		99	Blend	Bag
10-10-10	31766	09.70	10.16	10.22		100	Blend	Bag
10-10-10	31772	08.17*	09.12	11.27		92*	Blend	Bag
10-10-10	31806	09.88	09.98	10.96		101	Blend	Bag
10-10-10	31810	10.63	10.14	10.78		104	Blend	Bag
10-10-10	31814	08.21*	09.18	11.51		93*	Blend	Bag
10-10-10	31887	08.86*	09.43	11.01		95*	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 25								
Average Analysis :		9.47	9.80	10.77		99.0		
CV, %		8.54	5.49	3.17				
10-20-20	31693	09.79	20.22	20.28		100	Blend	Bag
15-15-15	29125	14.25	16.54	16.13		103	Blend	Bag
15-15-15	29649	14.81	15.77	15.84		102	Blend	Bag
15-15-15	29870	14.17	15.65	15.49		100	Blend	Bag
15-15-15	30366	14.62	15.26	16.08		101	Blend	Bag
15-15-15	31025	14.38	15.87	15.57		101	Blend	Bag
15-15-15	31590	14.45	15.29	16.18		101	Blend	Bag
15-15-15	31665	13.95	15.71	16.15		101	Blend	Bag
15-15-15	31769	13.71*	15.35	15.58		98	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade : 8								
Average Analysis :		14.29	15.68	15.87		101.3		
CV, %		2.48	2.66	1.85				
19-19-19	29694	18.48	18.87	20.74		100	Blend	Bag
19-19-19	29869	18.45	19.47	20.69		101	Blend	Bag
19-19-19	29920	18.96	19.95	20.42		103	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP, INC		RUSSELLVILLE		KY				
19-19-19	30062	19.07	18.56	20.27		100	Blend	Bag
19-19-19	30191	18.93	19.71	19.76		102	Blend	Bag
19-19-19	30367	18.86	19.14	20.39		101	Blend	Bag
19-19-19	30781	18.29	18.88	22.05		102	Blend	Bag
19-19-19	30949	18.67	19.73	19.89		101	Blend	Bag
19-19-19	31656	18.62	20.17	20.18		103	Blend	Bag
19-19-19	31690	17.65	19.44	20.85		100	Blend	Bag
19-19-19	31740	18.24	18.27	20.17		98	Blend	Bag
19-19-19	31767	17.85	19.53	19.97		100	Blend	Bag
19-19-19	31770	18.38	18.63	22.32		102	Blend	Bag
19-19-19	31807	18.44	19.12	21.07		101	Blend	Bag
19-19-19	31888	18.12	19.41	21.95		102	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 15								
Average Analysis :		18.46	19.25	20.71		101.5		
CV, %		2.19	2.80	3.90				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.60	100.00	107.04				
ALL SAMPLES, CV, %		7.44	5.15	4.21				
NUMBER OF ANALYSIS		64	64	64				
Deficiency Rate - 18.75 %								
S.S. RUSSELLVILLE		RUSSELLVILLE		KY				
06-17-32	29161+	07.15	18.34	32.24		103	CM	Bulk
06-17-32	29165+	06.51	17.12	33.65		100	CM	Bulk
06-24-24	31813	05.88	23.58	25.81		101	Blend	Bag
09-24-26	29220	09.64	25.06	26.33		101	CM	Bulk
09-24-26	29221	09.63	25.28	26.14		101	CM	Bulk
09-24-26	29222	09.44	24.99	26.44		100	CM	Bulk
09-24-26	29223	09.54	23.96	27.63		100	CM	Bulk
09-25-27	29283	09.35	25.32	27.57		99	CM	Bulk
10-26-22	29162	10.10	25.84	24.02		100	CM	Bulk
10-26-22	29163	10.15	26.04	22.77		99	CM	Bulk
10-26-22	29164	10.41	26.72	22.67		101	CM	Bulk
18-18-21	31620	17.88	17.89	23.20		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.25	100.65	102.15				
ALL SAMPLES, CV, %		2.76	2.66	3.09				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate - 0.00 %								
SS COOP MADISONVILLE SEBREE BR		SEBREE		KY				
09-23-30	32410	08.39	22.22	30.72		98	CM	Bulk
09-23-30	32411	08.81	23.66	28.89		99	CM	Bulk
09-23-30	32412	08.63	22.65	28.77		97	CM	Bulk
09-23-30	32413	08.53	23.28	30.12		99	CM	Bulk
09-23-30	32414	08.80	23.26	28.64		98	CM	Bulk
09-23-30	32415	07.55*	21.57*	31.13		95*	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :		8.45	22.77	29.71		98.1		
CV, %		5.56	3.42	3.65				
15-19-20	32416	14.66	19.65	21.05		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		94.51	99.44	99.24				
ALL SAMPLES, CV, %		5.17	3.39	3.41				
NUMBER OF ANALYSIS		7	7	7				
Deficiency Rate - 14.28 %								
S.S. SHELBYVILLE		SHELBYVILLE		KY				
09-07-14	32162+	09.35	07.52	15.05		102	CM	Bulk
11-00-45	31188	11.35		46.05		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. SHELBYVILLE		SHELBYVILLE		KY				
12-08-01	32159	11.82	08.26	01.13		98	CM	Bulk
12-18-23	32160	12.57	18.61	24.43		100	CM	Bulk
16-06-16	32391	16.18	06.83	17.86		101	CM	Bulk
16-06-16	32392	16.60	07.22	17.43		101	CM	Bulk
16-11-16	32158	16.31	10.93	18.22		104	CM	Bulk
19-04-12	32164+	18.81	03.93	13.95		101	CM	Bulk
19-13-19	32157	19.20	13.24	20.96		101	CM	Bulk
19-13-19	32163	19.48	14.12	20.22		102	CM	Bulk
19-19-19	32161	18.70	18.60	20.60		98	CM	Bulk
19-21-17	31187	19.16	21.42	17.86		99	CM	Bulk
24-14-13	32389+	23.47	14.46	14.36		99	CM	Bulk
24-14-13	32390+	23.24	17.42	12.96		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.20	102.05	104.37				
ALL SAMPLES, CV, %		1.64	7.15	3.99				
NUMBER OF ANALYSIS		14	13	14				
Deficiency Rate -		0.00 %						
S.S. SOMERSET		SOMERSET		KY				
00-11-45	30081		11.02	46.54		101	CM	Bulk
00-13-42	30080		13.26	44.14		102	CM	Bulk
00-32-14	30079+		32.51	15.61		101	CM	Bulk
12-23-24	32333	12.46	25.79	22.32*		102	CM	Bulk
17-06-21	32335	17.56	08.42	19.85*		99	CM	Bulk
17-17-17	30078	17.48	17.99	18.59		100	CM	Bulk
17-17-17	30088	17.34	16.67	18.92		98	CM	Bulk
17-17-17	31207	17.48	18.05	18.56		101	CM	Bulk
17-17-17	31208	17.63	17.45	18.54		100	CM	Bulk
18-00-27	31209	17.92		28.40		100	CM	Bulk
19-19-19	30082	18.53	18.72	20.73		98	CM	Bulk
19-19-19	30087	18.70	19.10	20.64		99	CM	Bulk
19-19-19	31255	19.09	19.88	19.85		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.45	101.08	102.72				
ALL SAMPLES, CV, %		2.27	8.79	5.06				
NUMBER OF ANALYSIS		10	12	13				
Deficiency Rate -		15.38 %						
S.S. LEBANON SPRINGFIELD SVC		SPRINGFIELD		KY				
07-18-36	30359	07.25	19.22	35.49		101	CM	Bulk
07-18-36	30360	06.83	17.96	37.14		99	CM	Bulk
19-15-21	31642	18.94	17.86	22.87		104	CM	Bulk
21-11-12	30357	22.04	11.88	12.43		101	CM	Bulk
21-16-16	30356+	20.61	17.23	16.83		99	CM	Bulk
22-22-00	30358+	21.81	22.84			98	CM	Bulk
S.S. STANFORD SERVICE		STANFORD		KY				
00-24-24	31128+		20.59*	24.78		91*	CM	Bulk
06-24-24	31127+	06.61	23.38	23.95		98	CM	Bulk
06-26-25	31135	06.04	24.06*	27.57		96*	CM	Bulk
10-10-09	31130	10.16	10.63	09.40		102	CM	Bulk
10-10-09	31133	09.79	10.67	09.59		101	CM	Bulk
19-19-19	31129	19.40	21.46	18.58		103	CM	Bulk
19-19-19	31134	18.75	19.82	19.52		99	CM	Bulk
21-11-22	31131	21.12	11.41	22.86		98	CM	Bulk
26-00-25	31132	27.42		25.47		102	CM	Bulk
28-12-12	31136	28.35	12.96	13.30		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.28	97.75	101.74				
ALL SAMPLES, CV, %		4.50	8.06	3.21				
NUMBER OF ANALYSIS		9	9	10				
Deficiency Rate -		20.00 %						

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. GALLATIN CO SVC		WARSAW		KY				
08-20-33	32082	08.19	20.51	33.65		100	CM	Bulk
11-09-14	32079	11.94	10.50	14.82		103	CM	Bulk
12-00-14	32083	13.09		15.24		104	CM	Bulk
12-00-14	32084	13.06		14.25		100	CM	Bulk
12-08-13	32078	12.89	09.27	13.32		103	CM	Bulk
12-08-13	32080	12.24	08.50	13.38		99	CM	Bulk
14-09-14	32077	14.25	10.16	15.63		103	CM	Bulk
16-12-18	32075	16.33	12.18	19.75		100	CM	Bulk
16-12-18	32076	16.42	12.40	19.75		101	CM	Bulk
26-20-00	32074	26.83	19.16			97	CM	Bulk
27-20-06	32081	26.86	21.18	07.36		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.12	100.34	103.34				
ALL SAMPLES, CV, %		3.13	3.84	2.92				
NUMBER OF ANALYSIS		11	9	10				
Deficiency Rate -		0.00 %						
S.S. COOP. INC.		WINCHESTER		KY				
00-10-30	30644+		09.28	30.31		98	Blend	Bag
00-10-30	30798+		10.16	30.82		102	Blend	Bulk
00-10-30	30804+		14.21	31.46		118	Blend	Bag
00-10-30	31494+		09.01*	31.26		99	Blend	Bag
05-10-10	30989	04.46*	09.05*	10.13		93*	Blend	Bag
05-10-15	30236	05.06	10.41	14.85		100	Blend	Bag
05-10-15	30504	04.67	09.33	16.27		101	Blend	Bag
05-10-15	30663	04.65	09.25	15.88		100	Blend	Bag
05-10-15	30667	04.32*	09.24	16.86		102	Blend	Bag
05-10-15	30795	03.65*	07.61*	17.95	*	99	Blend	Bag
05-10-15	30801	05.22	10.27	15.43		103	Blend	Bag
05-10-15	30802	04.29*	09.84	15.33		98	Blend	Bag
05-10-15	30864	05.14	10.37	15.68		104	Blend	Bag
05-10-15	30931	04.37*	08.15*	16.65		98	Blend	Bag
05-10-15	31062	04.08*	08.98*	16.15		98	Blend	Bag
05-10-15	31082	04.91	10.23	15.47		102	Blend	Bag
05-10-15	31235	04.18*	08.57*	16.50		98	Blend	Bag
05-10-15	31301	04.77	09.49	15.26		98	Blend	Bag
05-10-15	31793	04.60*	09.07*	16.12		100	Blend	Bag
05-10-15	31818	04.09*	07.58*	15.93		93*	Blend	Bag
05-10-15	31847	04.66	09.85	15.27		99	Blend	Bulk
05-10-15	31848	03.49*	07.92*	16.87		96*	Blend	Bag
05-10-15	31964	06.77	09.88	16.39		109	Blend	Bag
05-10-15	31992	05.02	08.99*	15.57		99	Blend	Bag
05-10-15	32268	04.90	08.18*	14.51		92*	Blend	Bag
05-10-15	32339	04.62*	10.18	14.61		98	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade :		21						
Average Analysis :		4.64	9.20	15.88		99.9		
CV, %		14.48	9.96	5.24				
05-20-20	30510	04.96	19.87	21.76		102	Blend	Bag
05-20-20	30701	05.80	21.27	19.45		104	Blend	Bag
05-20-20	30832	05.09	19.90	20.85		101	Blend	Bag
05-20-20	31728	05.10	19.70	21.05		101	Blend	Bag
05-20-20	31792	06.08	23.02	18.02*		107	Blend	Bag
05-20-20	32267	05.30	20.47	21.37		104	Blend	Bag
05-20-20	32363	04.67	18.80	21.96		99	Blend	Bag
Statistical Analysis for Grade : 05-20-20								
Number Samples This Grade :		7						
Average Analysis :		5.28	20.43	20.63		102.9		
CV, %		9.31	6.68	6.85				
06-12-12	30870	05.55	11.36	14.31		101	Blend	Bag
06-12-12	30990	05.51*	10.84*	12.47		94*	Blend	Bag
06-24-24	30084	06.15	23.81	24.24		100	Blend	Bag
06-24-24	30498	05.72	22.63	24.68		97	Blend	Bag
06-24-24	31205	06.14	24.19	24.79		101	Blend	Bag
06-24-24	31236	05.12*	21.25*	24.95		93*	Blend	Bag
08-10-15	30799	07.94	10.49	15.87		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K2O	XS CL	RV	TYPE	FORM
S.S. COOP. INC.		WINCHESTER		KY				
09-18-27	30500	08.12*	16.53*	29.21		100	Blend	Bag
09-18-27	30796	08.29	17.90	28.70		102	Blend	Bag
09-18-27	31890	09.30	18.50	26.97		101	Blend	Bag
09-23-30	31817	08.55	22.48	30.59		98	Blend	Bag
10-10-10	29874	09.83	10.53	10.24		102	Blend	Bag
10-10-10	30085	09.88	09.23	12.23		101	Blend	Bag
10-10-10	30193	09.79	10.54	09.93		101	Blend	Bag
10-10-10	30230	10.15	09.97	11.87		104	Blend	Bag
10-10-10	30485	09.56	10.33	10.70		101	Blend	Bag
10-10-10	30499	10.25	10.62	10.07		103	Blend	Bag
10-10-10	30509	09.27	09.11	11.65		97	Blend	Bag
10-10-10	30574	09.82	09.81	09.58		97	Blend	Bag
10-10-10	30617	09.79	10.93	09.20*		100	Blend	Bag
10-10-10	30646	09.28	09.58	11.43		99	Blend	Bag
10-10-10	30664	09.34	09.84	11.71		100	Blend	Bag
10-10-10	30666	09.51	09.48	10.87		98	Blend	Bag
10-10-10	30700	10.48	10.53	09.75		103	Blend	Bag
10-10-10	30732	09.46	10.27	09.39		97	Blend	Bag
10-10-10	30794	09.30	09.95	10.18		97	Blend	Bag
10-10-10	30803	08.82*	09.79	11.09		97	Blend	Bag
10-10-10	30831	09.71	09.66	10.86		99	Blend	Bag
10-10-10	30866	09.26	10.17	10.00		97	Blend	Bag
10-10-10	30872	09.69	10.16	09.91		99	Blend	Bag
10-10-10	30932	09.71	10.85	11.02		104	Blend	Bag
10-10-10	30991	08.69*	09.76	09.36		92*	Blend	Bag
10-10-10	31081	09.58	10.07	11.16		101	Blend	Bag
10-10-10	31098	09.27	09.12	09.93		93*	Blend	Bag
10-10-10	31190	08.77*	09.85	09.84		94*	Blend	Bag
10-10-10	31195	09.39	10.04	10.26		98	Blend	Bag
10-10-10	31206	08.45*	09.48	09.73		91*	Blend	Bag
10-10-10	31495	09.59	10.28	09.48		98	Blend	Bag
10-10-10	31729	09.40	09.52	10.58		97	Blend	Bag
10-10-10	31795	09.82	09.85	10.82		100	Blend	Bag
10-10-10	31820	08.75*	09.91	09.49		93*	Blend	Bag
10-10-10	31851	10.48	10.61	10.19		104	Blend	Bag
10-10-10	31891	08.79*	09.40	10.86		95*	Blend	Bag
10-10-10	31963	09.64	09.25	10.79		97	Blend	Bag
10-10-10	31993	09.79	09.72	10.12		98	Blend	Bag
10-10-10	32269	09.59	10.44	09.70		99	Blend	Bag
10-10-10	32338	09.90	11.84	08.68*		103	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 36								
Average Analysis :		9.52	10.01	10.35		99.0		
CV, %		5.03	5.73	7.99				
10-10-20	30505	08.97*	10.22	20.27		99	Blend	Bag
10-10-20	30800	10.18	10.96	18.84		99	Blend	Bag
10-10-20	31849	09.79	09.44	22.37	*	104	Blend	Bag
10-20-20	30709	10.24	20.52	20.88		103	Blend	Bag
12-12-12	30501	10.60*	12.10	12.16		96*	Blend	Bag
12-12-12	30662	11.25	11.98	13.48		100	Blend	Bag
12-12-12	30711	11.39	11.60	12.06		96*	Blend	Bag
12-12-12	30873	10.88*	12.22	11.14		95*	Blend	Bag
12-12-12	30988	11.21	11.76	13.23		99	Blend	Bag
12-12-12	31060	11.86	12.32	12.29		101	Blend	Bag
12-12-12	31238	11.57	11.26	13.13		98	Blend	Bag
12-12-12	31853	11.04	11.63	13.68		99	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number Samples This Grade : 8								
Average Analysis :		11.22	11.85	12.64		98.3		
CV, %		3.52	3.03	6.89				
13-34-11	30097	12.00	30.84*	15.53		97	CM	Bag
15-00-14	32427	15.13		14.03		100	Blend	Bulk
15-15-15	30083	13.70*	14.69	16.25		97	Blend	Bag
15-15-15	30503	13.40*	14.89	16.39		97	Blend	Bag
15-15-15	30797	13.17*	15.19	15.45		96*	Blend	Bag
15-15-15	30933	13.98	15.03	16.52		99	Blend	Bag
15-15-15	31204	14.69	16.00	15.45		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP. INC.		WINCHESTER				KY		
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade : 5								
Average Analysis :		13.78	15.16	16.01		98.9		
CV, %		4.27	3.32	3.25				
19-19-19	30086	18.27	18.87	21.02		100	Blend	Bag
19-19-19	30098	19.64	19.70	19.17		102	Blend	Bag
19-19-19	30194	18.95	19.47	20.68		102	Blend	Bag
19-19-19	30486	18.85	19.22	19.90		101	Blend	Bag
19-19-19	30502	19.21	19.38	20.67		103	Blend	Bag
19-19-19	30616	19.10	19.64	19.69		102	Blend	Bag
19-19-19	30622	18.69	20.13	20.08		103	Blend	Bag
19-19-19	30645	19.87	20.02	18.90		103	Blend	Bag
19-19-19	30665	18.03	19.53	21.15		101	Blend	Bag
19-19-19	30702	19.94	18.95	19.09		101	Blend	Bag
19-19-19	30710	19.55	19.64	19.27		102	Blend	Bag
19-19-19	30793	18.51	19.75	20.76		102	Blend	Bag
19-19-19	30805	17.60	18.35	22.46		100	Blend	Bag
19-19-19	30830	19.06	19.27	20.96		103	Blend	Bag
19-19-19	30833	17.67	18.79	22.37		101	Blend	Bag
19-19-19	30865	18.08	19.75	20.95		102	Blend	Bag
19-19-19	30871	18.81	17.99	20.55		99	Blend	Bag
19-19-19	31061	16.32*	14.90*	26.69		95*	Blend	Bag
19-19-19	31078	18.32	19.15	20.51		100	Blend	Bag
19-19-19	31194	19.22	19.90	18.85		102	Blend	Bag
19-19-19	31203	18.91	19.57	19.51		101	Blend	Bag
19-19-19	31237	19.69	19.88	18.79		102	Blend	Bag
19-19-19	31260	18.63	17.85	20.74		99	Blend	Bag
19-19-19	31302	19.03	18.77	20.06		100	Blend	Bag
19-19-19	31496	17.85	18.75	20.63		99	Blend	Bag
19-19-19	31794	19.32	18.06	20.83		100	Blend	Bag
19-19-19	31819	18.21	19.59	21.02		102	Blend	Bag
19-19-19	31850	18.39	18.15	21.69		100	Blend	Bag
19-19-19	31854	18.86	19.74	19.60		101	Blend	Bag
19-19-19	31892	19.39	19.58	19.48		102	Blend	Bag
19-19-19	31994	18.96	20.06	20.69		104	Blend	Bag
19-19-19	32364	17.74	19.58	20.22		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 32								
Average Analysis :		18.70	19.12	20.53		101.5		
CV, %		4.14	5.22	7.13				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.49	99.08	105.61				
ALL SAMPLES, CV, %		42.00	42.04	39.73				
NUMBER OF ANALYSIS		127	130	131				
Deficiency Rate - 27.48 %								
S.S. CLARK		WINCHESTER				KY		
04-10-44	32316+	04.13	10.71	42.86		98	CM	Bulk
09-18-27	32320	07.93*	16.36*	29.47		99	CM	Bulk
12-15-23	31989	13.00	16.13	23.41		101	CM	Bulk
12-15-23	31990	13.60	14.72	23.66		101	CM	Bulk
13-16-23	32319	13.62	16.77	23.59		99	CM	Bulk
16-12-18	31991	17.17	12.05	20.07		102	CM	Bulk
16-12-18	32318	15.96	12.32	19.18		98	CM	Bulk
17-15-16	31995	17.80	14.84	17.81		102	CM	Bulk
22-00-13	32317+	22.87		13.56		101	CM	Bulk
44-00-00	32321+	44.08				99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.00	97.32	102.23				
ALL SAMPLES, CV, %		5.37	3.91	3.76				
NUMBER OF ANALYSIS		10	8	9				
Deficiency Rate - 10.00 %								

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
STANLEY CROP SERVICE		STANLEY		KY				
00-00-60	29859			60.83		101	Mat	Bulk
06-15-39	31288	05.63	15.37	40.15		99	CM	Bulk
09-23-30	31283	08.73	23.10	29.98		99	CM	Bulk
09-23-30	31285	08.85	23.07	30.43		100	CM	Bulk
09-23-30	31289	08.70	23.06	31.01		100	CM	Bulk
09-23-30	31291	08.63	23.56	30.48		101	CM	Bulk
16-14-23	31282	15.98	14.34	23.63		101	CM	Bulk
16-14-23	31290	16.04	15.29	23.62		102	CM	Bulk
18-18-20	31287	18.76	18.36	20.17		100	CM	Bulk
18-46-00	29858	17.56	45.58			98	Mat	Bulk
27-11-15	31284	27.47	11.57	15.27		100	CM	Bulk
27-11-15	31286	27.15	11.72	15.79		100	CM	Bulk
46-00-00	29855	46.04				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.88	100.75	101.72				
ALL SAMPLES, CV, %		2.31	2.52	1.40				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -		0.00 %						
SUNWRAY LIQUID FERT., INC.		WINGO		KY				
00-00-60	29521			60.82		101	Mat	Bulk
05-13-17	29303	05.73	13.14	18.74		105	CM	Bulk
05-15-19	29306	06.50	15.29	20.01		102	CM	Bulk
06-15-20	29304	06.98	16.21	21.03		107	CM	Bulk
06-15-20	29305	06.79	16.53	21.29		108	CM	Bulk
06-15-20	29307	06.57	15.66	20.78		104	CM	Bulk
09-23-30	31430	08.49	22.76	31.01		99	CM	Bulk
09-23-30	31431	07.91*	22.84	31.22		99	CM	Bulk
09-23-30	31434	08.58	21.95	32.55		100	CM	Bulk
11-28-22	31432	10.68	28.79	24.07		100	CM	Bulk
11-28-22	31433	10.43	27.70	24.25		98	CM	Bulk
18-46-00	29520	18.30	46.55			101	Mat	Bulk
34-00-00	29519	34.48				101	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.64	100.21	104.69				
ALL SAMPLES, CV, %		9.12	3.54	2.67				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -		7.69 %						
SUSTANE CORP		CANNON FALLS		MN				
05-02-10	32251+	05.92	01.94	11.22		112	Mnfr	Bag
SWISS FARMS PRODUCTS		LAS VEGAS		NV				
00-00-00	29655	00.71	00.08	00.09		260	Mnfr	Bag
15-30-15	29555+	15.76	27.63*	15.22		97	Blend	Bag
15-30-15	29993+	17.09	31.39	14.50		105	Mnfr	Bag
18-18-21	31882+	14.84*	21.06	23.78		103	Blend	Bag
30-10-10	29992+	30.07	11.47	11.26		105	Mnfr	Bag
G M TAYLOR SEED COMPANY		GEORGETOWN		KY				
00-00-50	31944			50.67		101	Mat	Bulk
00-00-60	31943			61.95		103	Mat	Bulk
09-02-16	31937	09.21	02.69	16.00		97	CM	Bulk
12-00-13	32245	12.01		11.83*		92*	CM	Bulk
12-07-12	31940	10.07*	06.84*	12.01		90*	CM	Bulk
14-01-12	31938	14.87	01.61	13.26		100	CM	Bulk
14-01-12	31939	15.05	01.40	14.50		105	CM	Bulk
14-01-14	31942	14.07	02.02	16.26	*	106	CM	Bulk
14-14-22	31941	14.64	12.84*	22.67		98	CM	Bulk
17-18-18	29132	17.21	15.60*	20.23		96*	CM	Bulk
18-46-00	31946	17.88	45.27			98	Mat	Bulk
34-00-00	31945	33.91				99	Mat	Bulk
46-00-00	31947	45.37				98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
G M TAYLOR SEED COMPANY		GEORGETOWN		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.26	92.96	103.03				
ALL SAMPLES, CV, %		5.50	13.91	6.99				
NUMBER OF ANALYSIS		11	8	10				
Deficiency Rate -		30.76 %						
TERRA NITROGEN CORPORATION		TULSA		OK				
32-00-00	29997	32.00				100	Mat	Liq
THE ORTHO GROUP		COLUMBUS		OH				
27-00-01	29550+	27.08		00.97		100	Blend	Bag
27-00-01	29663+	26.53		01.14		98	Mnfr	Liq
TIGER SUNBELT		ATMORE		AL				
00-00-00	31028+						Mat	Bulk
TRI-COUNTY FERTILIZER CO. INC		RICHMOND		KY				
00-00-60	29725			60.88		101	Mat	Bulk
08-17-26	32284	11.53	09.68*	31.05	*	98	CM	Bulk
17-13-22	32282	17.90	15.17	20.39*		99	CM	Bulk
17-13-22	32283	17.84	15.66	20.95*		101	CM	Bulk
22-11-16	32285	22.50	12.54	16.91	*	101	CM	Bulk
46-00-00	29724	45.91				99	Mat	Bulk
TRIMBLE CO. FARM SUPPLY		MILTON		KY				
00-00-60	30680			61.38		102	Mat	Bulk
04-11-15	32368	04.52	11.66	11.76*		92*	CM	Bulk
09-18-27	32094	09.86	18.83	29.07		104	CM	Bulk
15-08-14	32091	15.72	08.83	16.32		104	CM	Bulk
15-08-14	32092	15.85	08.94	15.53		102	CM	Bulk
15-08-14	32093	15.33	09.33	16.33		104	CM	Bulk
15-11-19	32089	13.29*	15.01	21.33		106	CM	Bulk
16-08-12	32090	17.09	08.13	14.50		106	CM	Bulk
17-14-21	32369	16.67	13.97	22.19		99	CM	Bulk
18-13-20	32086	18.86	13.68	20.84		101	CM	Bulk
18-46-00	30678	17.39	45.42			98	Mat	Bulk
19-19-19	32095	19.82	18.54	20.63		100	CM	Bulk
20-12-18	32087	20.99	12.95	20.56		104	CM	Bulk
20-14-19	32088	18.10*	14.00	24.06		99	CM	Bulk
46-00-00	30679	46.20				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.91	101.23	105.92				
ALL SAMPLES, CV, %		5.98	9.71	9.87				
NUMBER OF ANALYSIS		14	13	13				
Deficiency Rate -		20.00 %						
TRUSERV CORPORATION		CHICAGO		IL				
04-12-00	30018+	06.35	11.49			110	Blend	Bag
TWO RIVERS INC		DRAKESBORO		KY				
07-19-34	32396	07.61	20.07	35.17		101	CM	Bulk
07-19-34	32399	07.61	19.97	33.78		99	CM	Bulk
07-19-34	32400	07.45	19.65	33.99		99	CM	Bulk
08-22-30	32397	08.75	22.76	31.39		101	CM	Bulk
08-22-30	32398	08.84	22.65	29.05		97	CM	Bulk
U S BORAX INC		VALENCIA		CA				
00-00-00	29620+						Mat	Bag
00-00-00	29964+						Mat	Bag
00-00-00	30196+						Mat	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
U S BORAX INC		VALENCIA		CA				
00-00-00	30209+						Mat	Bag
00-00-00	30372+						Mat	Bag
00-00-00	30643+						Mat	Bag
00-00-00	30647+						Mat	Bag
00-00-00	30808+						Mat	Bag
00-00-00	30822+						Mat	Bag
00-00-00	31905+						Mat	Bag
VALLEY FARM CENTER, INC.		MONTICELLO		KY				
07-08-13	31846	08.27	07.20*	13.11		98	CM	Bulk
08-08-12	31839	08.86	07.12*	13.73		102	CM	Bulk
09-09-14	31843	09.41	09.73	15.77		103	CM	Bulk
13-13-27	31573	14.16	13.33	28.12		101	CM	Bulk
17-17-17	31571	19.81	14.66*	17.19		96*	CM	Bulk
17-17-17	31574	17.81	17.75	18.47		101	CM	Bulk
18-46-00	30045	18.07	46.32			100	Mat	Bulk
19-19-19	31575	18.28	16.23*	23.88		97	CM	Bulk
20-13-12	31840	20.32	13.69	13.21		101	CM	Bulk
28-07-05	31841	28.27	07.57	05.62		100	CM	Bulk
28-07-05	31844	28.78	07.72	04.64		100	CM	Bulk
28-13-13	31572	28.82	11.37*	14.05		99	CM	Bulk
33-09-09	31842	33.68	08.77	09.50		100	CM	Bulk
34-00-00	30044	33.93				99	Mat	Bulk
35-09-06	31845	35.30	09.96	06.43		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.97	95.00	105.90				
ALL SAMPLES, CV, %		5.43	9.11	7.18				
NUMBER OF ANALYSIS		15	14	13				
Deficiency Rate -		33.33 %						
VALLEY FERTILIZER SERVICE		EDMONTON		KY				
17-17-17	30289	18.24	19.12	17.43		108	CM	Bulk
18-11-17	32109	20.14	11.89	17.37		103	CM	Bulk
18-18-18	30291	18.22	19.15	19.15		102	CM	Bulk
19-11-16	32110	19.49	10.15*	17.04		99	CM	Bulk
19-19-19	30281	19.03	19.85	19.75		102	CM	Bulk
19-19-19	30283	17.84	20.05	20.82		102	CM	Bulk
19-19-19	30285	19.45	18.78	19.49		101	CM	Bulk
19-19-19	30288	19.27	19.99	19.73		103	CM	Bulk
19-19-19	30290	18.43	21.28	19.71		104	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		5						
Average Analysis :		18.80	19.99	19.90		102.7		
CV, %		3.52	4.44	2.63				
21-15-19	30286	20.92	15.03	21.00		100	CM	Bulk
23-20-13	30282	22.34	21.37	14.02		100	CM	Bulk
27-13-13	30287	27.96	12.57	14.25		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.00	103.50	104.71				
ALL SAMPLES, CV, %		3.92	6.06	2.31				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		8.33 %						
VOLUNTARY PURCHASING GROUP		BONHAM		TX				
04-10-03	30228	04.12	10.50	03.35		105	Blend	Bag
07-08-05	29788	07.17	10.38	06.02		117	Mnfr	Bag
09-59-08	30227	08.73	58.60	08.54		99	Blend	Bag
WARNER FERTILIZER CO.		ALBANY		KY				
12-24-24	30267	12.33	24.86	25.00		103	CM	Bulk
12-24-24	30269	12.21	24.74	24.86		102	CM	Bulk
12-24-24	30270	11.26	24.47	25.70		101	CM	Bulk
19-19-19	30264	18.90	18.91	21.27		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.		ALBANY		KY				
19-19-19	30265	18.83	19.27	20.68		102	CM	Bulk
19-19-19	30266	18.21	19.68	20.30		101	CM	Bulk
19-19-19	30268	18.94	19.71	20.18		102	CM	Bulk
WARNER FERTILIZER CO.		CAMPBELLSVILL		KY				
07-20-33	32288	07.82	19.08	33.90		97	CM	Bulk
10-20-24	32293	08.81*	16.74*	28.17		98	CM	Bulk
14-08-13	32287	14.54	07.89	14.78		103	CM	Bulk
17-17-17	32286	17.29	15.89*	19.75		97	CM	Bulk
17-17-17	32294	17.64	16.75	18.89		99	CM	Bulk
20-20-16	32295	18.55*	19.86	19.31		99	CM	Bulk
WARNER FERTILIZER CO.		COLUMBIA		KY				
09-25-26	30428	09.56	24.58	27.32		99	CM	Bulk
14-14-25	31646	14.11	14.51	26.50		100	CM	Bulk
16-22-16	31651	17.21	20.83	17.19		98	CM	Bulk
18-18-18	30426	18.24	18.34	20.18		100	CM	Bulk
19-19-19	30429	18.99	19.70	20.93		103	CM	Bulk
19-19-19	30430	18.49	20.97	20.08		104	CM	Bulk
19-19-19	30433	18.47	18.84	21.40		101	CM	Bulk
22-17-16	30427	21.66	16.88	18.00		98	CM	Bulk
22-17-16	30431	22.54	15.77*	17.90		98	CM	Bulk
22-17-16	30432	21.91	17.37	17.50		99	CM	Bulk
27-13-13	31650	26.89	13.51	14.06		99	CM	Bulk
27-13-13	31653	26.67	13.77	15.20		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.05	99.51	106.40				
ALL SAMPLES, CV, %		1.89	4.75	3.21				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		8.33 %						
WARNER FERTILIZER CO.		E. BERNSTADT		KY				
09-07-12	32182	08.95	07.73	12.84		100	CM	Bulk
09-07-12	32183	09.13	07.46	13.82		104	CM	Bulk
09-18-27	32179	08.97	18.38	28.50		103	CM	Bulk
11-08-13	32180	11.70	07.96	14.15		101	CM	Bulk
12-24-24	32176	12.01	24.47	24.80		101	CM	Bulk
14-04-08	32174	14.08	06.31	09.36		106	CM	Bulk
16-12-18	32175	17.47	12.58	19.63		104	CM	Bulk
17-17-17	32177	18.14	17.08	18.74		105	CM	Bulk
19-19-19	32178	20.04	19.85	18.38		103	CM	Bulk
19-19-19	32181	19.60	18.76	19.53		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		102.27	101.61	104.78				
ALL SAMPLES, CV, %		3.03	9.49	3.85				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
WARNER FERTILIZER CO		LIBERTY		KY				
11-22-22	31407+	11.41	22.80	22.86		102	CM	Bulk
19-19-19	31398	20.95	19.16	18.29		103	CM	Bulk
19-19-19	31399	19.07	19.37	20.31		102	CM	Bulk
19-19-19	31400	19.89	18.79	18.77		101	CM	Bulk
19-19-19	31401	19.23	19.39	19.54		101	CM	Bulk
19-19-19	31404	19.43	19.80	19.53		103	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		5						
Average Analysis :		19.71	19.30	19.28		102.3		
CV, %		3.83	1.90	4.04				
23-00-30	31402	21.84		32.31		100	CM	Bulk
23-14-18	31403	22.33	14.43	20.08		100	CM	Bulk
24-10-14	31405	23.79	10.99	15.25		100	CM	Bulk
25-11-11	31406	26.17	12.46	11.93		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO		LIBERTY		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.08	102.14	103.83				
ALL SAMPLES, CV, %		4.29	2.60	3.85				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate -		0.00 %						
WARNER FERTILIZER CO.		NANCY		KY				
16-16-16	32332	16.47	17.97	15.99		99	CM	Bulk
19-19-19	30860	18.75	18.58	20.21		100	CM	Bulk
19-19-19	30863	18.44	19.25	18.69		99	CM	Bulk
20-15-15	30861	20.14	14.91	14.80		99	CM	Bulk
22-10-15	30862	22.44	09.69	15.98		101	CM	Bulk
WARNER FERTILIZER CO.		RUSSELL SPRGS		KY				
15-38-09	30900	14.86	39.30	09.02*		100	CM	Bulk
17-17-17	30899	17.52	17.62	18.31		100	CM	Bulk
18-18-18	30906	18.79	19.26	18.44		102	CM	Bulk
19-19-19	30898	19.25	19.45	18.91		101	CM	Bulk
19-19-19	30901	19.29	19.58	19.90		102	CM	Bulk
19-19-19	30902	19.03	18.76	18.98		99	CM	Bulk
19-19-19	30903	18.68	18.46	20.82		100	CM	Bulk
19-19-19	30905	18.72	18.67	20.07		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 5								
Average Analysis :		18.99	18.98	19.73		100.8		
CV, %		1.50	2.62	4.05				
24-10-20	30904	23.86	09.64	20.91		100	CM	Bulk
24-10-20	30907	23.72	11.06	21.69		104	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.81	101.22	103.38				
ALL SAMPLES, CV, %		1.39	4.20	5.11				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
WARNER FERTILIZER CO.		SOMERSET		KY				
00-00-50	29629			49.04		98	Mat	Bulk
00-00-50	29846			49.13		98	Mat	Bulk
00-00-50	29902			50.49		100	Mat	Bulk
00-00-60	29579			60.37		100	Mat	Bulk
00-00-60	29626			58.82		98	Mat	Bulk
00-00-60	29632			60.88		101	Mat	Bulk
00-00-60	29683			61.51		102	Mat	Bulk
00-00-60	29740			60.82		101	Mat	Bulk
00-00-60	29802			60.54		100	Mat	Bulk
00-00-60	29809			60.27		100	Mat	Bulk
00-00-60	29849			59.90		99	Mat	Bulk
00-00-60	30014			60.89		101	Mat	Bulk
00-00-60	30055			61.04		101	Mat	Bulk
00-00-60	30182			60.97		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 11								
Average Analysis :		.00	.00	60.54		100.9		
CV, %		.00	.00	1.18				
00-46-00	29582		45.47			98	Mat	Bulk
00-46-00	29635		46.53			101	Mat	Bulk
00-46-00	29805		46.60			101	Mat	Bulk
00-46-00	29810		46.13			100	Mat	Bulk
00-46-00	29848		46.89			101	Mat	Bulk
00-46-00	29904		46.48			101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.		SOMERSET		KY				
Statistical Analysis for Grade : 00-46-00								
Number Samples This Grade : 6								
Average Analysis :								
		.00	46.35	.00		100.7		
CV, %								
		.00	.52	.00				
05-10-10	30715	05.60	10.19	09.82		103	Blend	Bag
05-10-10	30719	04.12*	06.24*	11.68		82*	Blend	Bag
05-10-10	30726	04.59*	07.04*	10.49		85*	Blend	Bag
05-10-10	30983	04.86	08.88*	09.86		93*	Blend	Bag
05-10-15	29636	04.23*	08.51*	16.36		98	Blend	Bag
05-10-15	29687	04.17*	08.68*	15.83		96*	Blend	Bag
05-10-15	29894	04.45*	08.93*	15.71		97	Blend	Bag
05-10-15	31649	03.95*	07.67*	18.18		101	Blend	Bag
05-20-20	29893	04.72	20.50	19.00		99	Blend	Bag
05-20-20	30708	04.56*	20.95	19.41		100	Blend	Bag
05-20-20	30857	04.57*	19.58	19.52		96*	Blend	Bag
05-20-20	31699	04.68	20.04	20.30		99	Blend	Bag
06-12-12	29643	05.89	11.13	12.83		98	Blend	Bag
06-12-12	30716	06.27	11.80	12.30		100	Blend	Bag
06-12-12	30721	06.14	12.34	11.80		101	Blend	Bag
06-12-12	30727	06.04	11.28	10.44*		93*	Blend	Bag
06-12-12	30984	06.15	11.90	11.80		99	Blend	Bag
06-12-12	31263	06.04	11.32	11.61		96*	Blend	Bag
Statistical Analysis for Grade : 06-12-12								
Number Samples This Grade : 6								
Average Analysis :								
		6.08	11.62	11.79		98.3		
CV, %								
		2.12	3.98	6.77				
10-10-10	29584	09.46	09.38	10.15		95*	Blend	Bag
10-10-10	29639	10.14	10.54	10.14		102	Blend	Bag
10-10-10	29685	09.89	09.68	09.86		98	Blend	Bag
10-10-10	29892	08.02*	08.73*	10.58		88*	Blend	Bag
10-10-10	30005	09.84	10.27	10.98		102	Blend	Bag
10-10-10	30272	09.96	10.33	10.58		102	Blend	Bag
10-10-10	30305	08.40*	10.65	10.56		97	Blend	Bag
10-10-10	30707	09.66	09.59	09.74		96*	Blend	Bag
10-10-10	30717	09.71	09.24	10.56		97	Blend	Bag
10-10-10	30720	09.86	09.05*	10.53		97	Blend	Bag
10-10-10	30725	10.34	10.26	10.35		103	Blend	Bag
10-10-10	30752	09.93	10.08	09.37		98	Blend	Bag
10-10-10	30858	09.34	09.29	09.98		94*	Blend	Bag
10-10-10	31354	09.31	09.28	09.42		93*	Blend	Bag
10-10-10	31603	08.69*	08.59*	10.71		91*	Blend	Bag
10-10-10	31647	10.20	08.64*	10.25		96*	Blend	Bag
10-10-10	31812	09.31	09.59	10.81		97	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 17								
Average Analysis :								
		9.53	9.59	10.26		97.3		
CV, %								
		6.74	6.89	4.56				
10-20-20	29642	09.85	19.93	20.20		99	Blend	Bag
12-24-24	29641	12.65	23.24	25.22		101	Blend	Bag
12-24-24	30273	11.49	24.58	24.77		101	Blend	Bag
12-24-24	31261	12.67	23.91	23.22		100	Blend	Bag
15-15-15	29638	16.38	16.17	14.23		105	Blend	Bag
15-15-15	29640	14.21	13.94	17.61		99	Blend	Bag
15-15-15	31645	15.30	14.78	15.43		100	Blend	Bag
17-17-17	31200	17.01	18.51	19.41		103	CM	Bulk
18-46-00	29581	17.51	46.01			99	Mat	Bulk
18-46-00	29618	17.88	46.39			100	Mat	Bulk
18-46-00	29627	17.88	45.59			99	Mat	Bulk
18-46-00	29630	17.94	46.04			99	Mat	Bulk
18-46-00	29682	17.63	45.65			98	Mat	Bulk
18-46-00	29737	17.64	45.92			99	Mat	Bulk
18-46-00	29803	17.71	46.19			99	Mat	Bulk
18-46-00	29807	17.77	45.73			99	Mat	Bulk
18-46-00	29845	17.59	45.87			99	Mat	Bulk
18-46-00	29901	17.52	45.09			97	Mat	Bulk
18-46-00	30012	17.85	46.14			100	Mat	Bulk
18-46-00	30054	17.89	46.16			100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.								
18-46-00		30181	18.01	46.10		100	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 13								
Average Analysis :		17.75	45.91	.00		99.4		
CV, %		.93	.73	.00				
19-19-19	29585	19.54	20.12	18.12		102	Blend	Bag
19-19-19	29637	20.25	18.04	20.08		101	Blend	Bag
19-19-19	29686	19.74	18.82	19.36		101	Blend	Bag
19-19-19	29905	19.55	18.05	19.99		100	Blend	Bag
19-19-19	30006	19.14	20.15	19.47		103	Blend	Bag
19-19-19	30271	18.34	19.48	20.12		101	Blend	Bag
19-19-19	30306	19.12	18.09	20.75		100	Blend	Bag
19-19-19	30706	20.25	18.18	19.06		100	Blend	Bag
19-19-19	30753	18.68	18.16	20.71		99	Blend	Bag
19-19-19	30859	18.90	19.71	19.73		102	Blend	Bag
19-19-19	30982	19.72	20.07	18.21		102	Blend	Bag
19-19-19	31201	18.50	20.11	19.50		101	CM	Bulk
19-19-19	31202	18.25	19.88	19.62		101	CM	Bulk
19-19-19	31216	19.13	20.17	19.19		102	CM	Bulk
19-19-19	31217	19.44	17.80	21.10		100	CM	Bulk
19-19-19	31218	18.11	18.83	19.91		99	CM	Bulk
19-19-19	31219	18.77	19.83	20.56		103	CM	Bulk
19-19-19	31220	18.28	19.70	20.61		102	CM	Bulk
19-19-19	31221	18.86	19.53	20.00		102	CM	Bulk
19-19-19	31222	18.53	20.33	19.45		102	CM	Bulk
19-19-19	31223	18.72	19.01	19.78		100	CM	Bulk
19-19-19	31262	18.69	20.38	18.50		101	Blend	Bag
19-19-19	31397	18.52	17.31*	18.91		95*	Blend	Bag
19-19-19	31648	19.87	19.49	18.40		101	Blend	Bag
19-19-19	31715	18.06	20.17	20.63		102	Blend	Bag
19-19-19	31811	16.93*	18.85	22.16		99	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 26								
Average Analysis :		18.91	19.24	19.76		101.2		
CV, %		3.97	4.81	4.79				
34-00-00	29583	34.02				100	Mat	Bulk
34-00-00	29619	34.50				101	Mat	Bulk
34-00-00	29624	34.50				101	Mat	Bulk
34-00-00	29634	34.50				101	Mat	Bulk
34-00-00	29684	33.99				99	Mat	Bulk
34-00-00	29739	34.05				100	Mat	Bulk
34-00-00	29804	33.87				99	Mat	Bulk
34-00-00	29808	34.18				100	Mat	Bulk
34-00-00	29847	34.03				100	Mat	Bulk
34-00-00	29903	34.37				101	Mat	Bulk
34-00-00	30015	34.50				101	Mat	Bulk
34-00-00	30056	34.34				101	Mat	Bulk
34-00-00	30180	34.12				100	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 13								
Average Analysis :		34.22	.00	.00		100.6		
CV, %		.67	.00	.00				
46-00-00	29580	46.07				100	Mat	Bulk
46-00-00	29617	45.86				99	Mat	Bulk
46-00-00	29625	45.80				99	Mat	Bulk
46-00-00	29631	45.68				99	Mat	Bulk
46-00-00	29681	45.83				99	Mat	Bulk
46-00-00	29738	45.75				99	Mat	Bulk
46-00-00	29801	45.56				99	Mat	Bulk
46-00-00	29806	45.93				99	Mat	Bulk
46-00-00	29844	46.02				100	Mat	Bulk
46-00-00	29900	46.18				100	Mat	Bulk
46-00-00	30013	45.93				99	Mat	Bulk
46-00-00	30053	46.11				100	Mat	Bulk
46-00-00	30183	46.20				100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO. SOMERSET KY								
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 13								
Average Analysis : 45.91 .00 .00 99.8								
CV, % .42 .00 .00								
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 99.28 102.11								
ALL SAMPLES, CV, % 26.20 7.78 5.47								
NUMBER OF ANALYSIS 108 88 83								
Deficiency Rate - 17.18 %								
WARNER FERTILIZER CO. STANFORD KY								
05-23-23	31137	05.11	21.33*	26.71		97	CM	Bulk
19-19-19	31138	18.51	18.23	21.35		100	CM	Bulk
19-19-19	31139	18.45	19.60	21.37		103	CM	Bulk
19-19-19	31142	18.27	19.81	20.99		102	CM	Bulk
19-19-19	31144	18.83	19.38	20.09		101	CM	Bulk
19-19-19	32407	18.56	19.33	19.70		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 5								
Average Analysis : 18.52 19.27 20.70 101.7								
CV, % 1.09 3.17 3.68								
21-15-20	31140	20.82	15.94	21.49		102	CM	Bulk
27-11-15	31143	27.13	11.51	16.33		100	CM	Bulk
28-07-17	32406	26.81	07.24	18.14		97	CM	Bulk
29-12-12	31141	28.51	13.24	12.67		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 97.22 100.12 108.62								
ALL SAMPLES, CV, % 1.69 5.27 3.14								
NUMBER OF ANALYSIS 10 10 10								
Deficiency Rate - 10.00 %								
WARNER FERTILIZER CO. TOMPKINSVILLE KY								
06-26-25	30112	06.57	27.16	24.85		101	CM	Bulk
15-15-15	30109	15.77	16.14	16.64		102	CM	Bulk
19-19-19	30108	18.46	20.12	19.52		99	CM	Bulk
19-19-19	30110	19.13	18.49	19.97		98	CM	Bulk
19-19-19	30113	18.71	19.82	20.75		101	CM	Bulk
19-19-19	30115	18.90	21.02	18.73		101	CM	Bulk
19-19-19	30116	18.99	18.75	21.28		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 5								
Average Analysis : 18.83 19.64 20.05 100.2								
CV, % 1.38 5.26 5.00								
27-13-13	30107	26.96	13.40	14.14		99	CM	Bulk
27-13-13	30111	26.39	14.51	14.65		101	CM	Bulk
27-13-13	30114	26.83	13.84	14.54		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.08 101.66 103.80								
ALL SAMPLES, CV, % 3.82 4.02 4.44								
NUMBER OF ANALYSIS 10 10 10								
Deficiency Rate - 0.00 %								
WARNER FERTILIZER CO. MONTICELLO KY								
14-02-27	32405	14.67	02.60	27.28		99	CM	Bulk
16-12-18	32404	16.67	11.90	19.41		100	CM	Bulk
17-17-17	30256	18.06	17.65	17.84		100	CM	Bulk
17-17-17	30257	19.61	18.81	14.16*		101	CM	Bulk
17-17-17	30258	17.57	19.03	17.79		102	CM	Bulk
17-17-17	30260	17.83	17.61	18.76		101	CM	Bulk
17-17-17	30261	17.96	17.80	18.59		101	CM	Bulk
17-17-17	30263	17.96	17.70	18.30		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.		MONTICELLO		KY				
Statistical Analysis for Grade : 17-17-17								
Number Samples This Grade : 6								
Average Analysis :		18.16	18.10	17.57		101.4		
CV, %		4.00	3.54	9.77				
19-19-19	30262	19.65	19.12	19.45		100	CM	Bulk
27-13-13	30259	27.79	13.02	13.84		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.82	100.42	99.76				
ALL SAMPLES, CV, %		3.18	4.95	7.36				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
WATCH US GROW OF KY; INC		CHARLOTTE		NC				
08-08-08	29789+	07.63	07.62	08.42		97	Mnfr	Liq
DORMAN WILSON & SON, INC.		NANCY		KY				
00-00-60	30178			61.32		102	Mat	Bulk
17-17-17	30524	18.62	17.22	16.93		99	CM	Bulk
17-17-17	30528	18.05	16.85	18.93		100	CM	Bulk
18-18-18	30519	18.12	18.74	20.56		101	CM	Bulk
18-46-00	30177	17.71	45.98			99	Mat	Bulk
19-19-19	30520	18.75	19.17	19.91		100	CM	Bulk
19-19-19	30529	18.74	17.84	20.57		99	CM	Bulk
24-10-10	30523	24.73	10.73	11.00		101	CM	Bulk
26-08-08	30522	26.15	08.51	09.25		100	CM	Bulk
27-11-15	30521	27.13	11.88	15.81		101	CM	Bulk
34-00-00	30176	34.17				100	Mat	Bulk
46-00-00	30179	46.04				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.07	98.79	104.19				
ALL SAMPLES, CV, %		2.11	2.92	4.20				
NUMBER OF ANALYSIS		11	9	9				
Deficiency Rate -		0.00 %						
WOODFORD FEED CO.		VERSAILLES		KY				
00-00-50	32026			51.49		102	Mat	Bulk
00-00-57	32358+			57.74		99	CM	Bulk
00-00-60	32361			60.58		100	Mat	Bulk
14-06-25	32359	14.74	06.64	24.46		98	CM	Bulk
18-03-20	32022	18.49	03.32	21.03		99	CM	Bulk
18-08-18	32024	19.55	07.71	18.19		100	CM	Bulk
18-46-00	32360	18.17	46.29			100	Mat	Bulk
21-00-18	32357	21.58		18.26		98	CM	Bulk
26-08-15	32023	26.75	08.11	16.82		102	CM	Bulk
27-00-21	32021	26.99		23.21		104	CM	Bulk
30-00-16	32020	29.76		18.04		101	CM	Bulk
31-00-16	32018	31.74		17.68		102	CM	Bulk
31-00-16	32019	30.95		18.03		101	CM	Bulk
46-00-00	32025	46.11				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.86	98.26	102.42				
ALL SAMPLES, CV, %		2.10	6.24	4.11				
NUMBER OF ANALYSIS		11	5	12				
Deficiency Rate -		0.00 %						

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	GUARANTEED, %	FOUND, %
AGRI-CHEM, INC.	HOPKINSVILLE	KY			
	29120	00-20-31	B	00.39	00.43
AGRIUM US INC	REESE	MI			
	29736	00-00-00	SO4-S	08.00	10.75
			Zn	40.00	38.40 *
	30480	00-00-00	Mg	14.00	16.06
			SO4-S	05.00	09.00
			B	01.00	00.77 *
			Zn	05.00	05.18
	29766	03-00-00	Mg	05.00	05.11
			B	00.75	00.64
			Cu	00.75	00.77
			Zn	15.00	14.87
AGRO DISTRIBUTION LLC	HARDINSBURG	KY			
	30608	09-23-23	Zn	03.54	02.23 *
ALLENSVILLE CROP SERVICE	ALLENSVILLE	KY			
	31335	09-23-24	Mg	00.50	00.85
			B	00.07	00.05 *
			Cu	00.07	00.11
			Zn	01.50	01.14 *
ALLJACK, DIV OF UNITED IND	ST. LOUIS	MO			
	29552	36-06-06	Fe	00.32	00.61
AMERICAN PLANT FOOD	CREVE COEUR	MO			
	29052	10-52-10	B	00.02	00.02
			Cu	00.07	00.06
			Fe	00.15	00.15
			Mn	00.05	00.04
	29537	10-52-10	B	00.02	00.02
			Cu	00.07	00.10
			Fe	00.15	00.18
			Mn	00.05	00.05
	29886	10-52-10	B	00.02	00.02
			Cu	00.07	00.09
			Fe	00.15	00.17
			Mn	00.05	00.04
	29053	15-30-15	B	00.02	00.01
			Cu	00.07	00.08
			Fe	00.15	00.15
			Mn	00.05	00.04
			Mo	00.00	00.00
			Zn	00.06	00.06
	30128	15-30-15	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.15
			Mn	00.05	00.05
			Mo	00.00	00.00
			Zn	00.06	00.05
	29536	18-18-21	Mg	00.50	00.55
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.04
	30682	18-18-21	Mg	00.50	00.51
			Cu	00.05	00.03 *
			Fe	00.10	00.10
			Mn	00.05	00.05
			Zn	00.05	00.06
	29538	18-24-16	Cu	00.05	00.04
			Fe	00.10	00.11
			Mn	00.05	00.05

Zn

00.05

00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %	
AMERICAN PLANT FOOD	CREVE COEUR 29541	MO 30-10-10	B	00.02	00.02	
			Mn	00.05	00.06	
			Mo	00.00	00.00	
	30683	30-10-10	Zn	00.07	00.09	
			B	00.02	00.02	
			Cu	00.07	00.06	
			Fe	00.32	00.32	
			Mn	00.05	00.04	
				Mo	00.00	00.00 *
				Zn	00.07	00.07
THE ANDERSONS	MAUMEE	OH				
	30759	05-18-18	CSRN	00.75	02.58	
	30761	07-10-07	Fe	01.10	01.30	
			CSRN	01.10	02.52	
	30489	10-05-25	WIN	01.81	01.62	
			Cu	00.10	00.09	
			Fe	01.00	01.39	
			Mn	00.10	00.10	
			Zn	00.10	00.14	
32253	28-03-10	CSRN	06.00	06.09		
32248	30-02-10	CSRN	15.00	10.96 *		
BALLARD COUNTY COOP	LACENTER	KY				
29065	17-15-19	B	00.24	00.24		
BARREN-METCALFE SUPPLY LLC	KNOBLICK	KY				
	29500	00-00-22	Mg	11.00	11.39	
			SO4-S	22.00	22.42	
	30327	19-14-14	Mg	03.83	02.80 *	
			SO4-S	04.69	05.38	
30328	19-14-14	Mg	03.83	02.78 *		
		SO4-S	04.69	05.17		
BAYER-PURSELL, LLC	BIRMINGHAM	AL				
	29664	08-11-05	WIN	05.80	06.27	
			Mg	01.00	01.36	
			Mo	00.00	00.00	
			CSRN	07.50	03.89 *	
			CSRP	10.50	09.01 *	
	29551	12-18-06	CSRK	04.50	01.01 *	
			SO4-S	11.00	12.60	
	30684	16-08-08	SO4-S	15.00	16.01	
Fe			01.00	02.94		
Zn			01.00	00.08 *		
C & F SUPPLY INC	HISEVILLE	KY				
	29970	06-16-27	Mg	02.67	03.04	
			SO4-S	05.35	06.53	
	29976	06-17-34	B	00.27	00.20 *	
B			00.31	00.26		
CAMERON CHEMICALS INC	SUFFOLK	VA				
	31066	00-00-00	SO4-S	06.00	10.62	
			Zn	36.00	31.21 *	
	31659	00-00-00	SO4-S	09.00	09.25	
			Zn	31.00	28.98 *	
	30544	02-00-00	Mg	05.00	04.68	
			SO4-S	09.00	10.70	
			B	00.50	00.59	
			Cu	00.50	00.94	
			Zn	15.00	16.03	
	29758	03-00-00	Mg	05.00	05.13	
			B	00.75	00.63	
Cu			00.75	00.80		
Zn			15.00	14.81		

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
CAMERON CHEMICALS INC	SUFFOLK 30389	VA 03-00-00	Mg	05.00	03.61 *		
			B	00.75	00.59 *		
			Cu	00.75	00.94		
			Zn	15.00	12.59 *		
	31029	03-00-00	Mg	05.00	05.26		
			SO4-S	09.00	10.46		
			B	00.75	00.68		
			Cu	00.75	01.25		
	31913	03-00-00	Zn	15.00	12.81 *		
			Mg	05.00	03.38 *		
			B	00.75	00.59 *		
			Cu	00.75	02.70		
			Zn	15.00	14.04		
CAMPBELLSVILLE CROP SERVICE	CAMPBELLSVILL	KY					
			31512	16-16-16	B	00.47	00.53
CASH VARIETY STORE	LORETTO	KY					
			31530	04-11-43	B	00.33	00.33
			31520	08-21-29	B	00.61	00.58
			31525	15-20-10	SO4-S	08.74	08.51
			31526	15-20-10	SO4-S	08.74	09.74
CECILIA FARM SERVICE	CECILIA	KY					
			29124	08-21-31	B	00.16	00.20
CRITTENDEN FARM SUPPLY	MARION	KY					
			31561	05-14-38	B	00.32	00.27
CROP PRODUCTION SVC	CLARKSON	KY					
			32244	14-09-15	Mg	01.25	04.05
					Zn	01.25	00.40 *
CROP PRODUCTION SVC	HODGENVILLE	KY					
			30607	00-15-38	B	00.25	00.23
CROP PRODUCTION SVC	HORSECAVE	KY					
			32106	15-09-13	Mg	01.00	03.05
CROP PRODUCTION SVC	MORGANFIELD	KY					
			29237	07-20-29	Zn	01.47	01.50
			29242	07-20-29	Zn	01.47	01.35
CROP PRODUCTION SVC	PEMBROKE	KY					
			29944	09-24-21	Mg	01.34	02.01
					B	00.09	00.11
					Zn	00.38	00.52
			29943	10-25-22	Mg	01.03	01.53
					B	00.07	00.09
					Zn	00.29	00.43
DOMESTIC FERTILIZER INC.	PARIS	KY					
			29561	15-07-06	OSRN	10.10	02.10 *
					OSRP	04.90	01.24 *
					OSRK	03.90	01.19 *
DRAGON CORPORATION	ROANOKE	VA					
			29787	00-00-00	Mg	00.50	00.02 *
					SO4-S	03.90	04.08
					B	00.02	00.01
					Fe	06.00	05.12 *

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
DRAGON CORPORATION	ROANOKE	VA	Mn	00.25	00.37		
			Zn	00.50	00.39 *		
	29786	03-12-04	Fe	00.10	00.20		
	30956	10-10-10	B	00.04	00.01 *		
			Cu	00.10	00.03 *		
			Fe	00.20	00.48		
			Mn	00.10	00.08		
			Zn	00.10	00.06 *		
EARTHWORKS	MARTINS CREEK	PA					
			32254	10-02-05	WIN	05.00	03.83 *
			Ca	03.00	07.93		
EASY GARDNER	WACO	TX					
			29558	12-16-12	OSRN	07.30	06.85
					OSRP	12.30	08.29 *
					OSRK	06.80	05.49 *
EMERALD ISLE	ANN ARBOR	MI					
			32255	12-04-05	WIN	06.10	04.54 *
					Ca	04.50	05.40
					Mg	00.40	00.62
					Fe	00.50	01.16
FARMERS GIN COMPANY	CLINTON	KY					
			31309	08-22-29	B	00.01	00.01
					Cu	00.03	00.02
					Fe	00.06	00.28
					Mn	00.03	00.03
					Zn	00.03	00.04
FELTY CROP SERVICE	BEAVER DAM	KY					
			29436	00-21-28	Mg	00.29	00.36
					SO4-S	00.53	01.25
					B	00.04	00.03
					Cu	00.04	00.06
					Zn	00.88	00.62 *
			29437	00-21-28	Mg	00.29	00.35
					SO4-S	00.53	01.19
					B	00.04	00.03
					Cu	00.04	00.05
					Zn	00.88	00.54 *
			29438	00-21-28	Mg	00.29	00.34
					SO4-S	00.53	01.18
					B	00.04	00.03
					Cu	00.04	00.05
		Zn	00.88	00.58 *			
FRANKLIN CROP SERVICE	FRANKLIN	KY					
			30420	04-12-08	Mg	00.30	00.83
					B	00.05	00.03 *
					Cu	00.05	00.05
					Zn	01.00	00.79 *
			31336	28-12-10	Mg	00.16	00.34
					B	00.02	00.02
					Cu	00.02	00.06
					Zn	00.50	00.48
			31382	28-12-10	Mg	00.16	00.26
					B	00.02	00.02
					Cu	00.02	00.04
					Zn	00.50	00.37 *
			31383	28-12-10	Mg	00.16	00.40
					B	00.02	00.03
		Cu	00.02	00.06			
		Zn	00.50	00.56			
31384	28-12-10	Mg	00.16	00.34			

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %	
FRANKLIN CROP SERVICE	FRANKLIN	KY	B	00.02	00.03	
			Cu	00.02	00.06	
			Zn	00.50	00.56	
FREE FLOW FERTILIZER CO.	MAUMEE	OH	30764 05-10-05 CSRN	00.75	01.38	
			29857 20-27-05	Cu 00.10	00.20	
			Fe 01.00	02.06		
			Mn 00.10	00.19		
			Zn 00.10	00.23		
			CSRN 05.10	03.46 *		
	30760 27-03-08	Fe 01.00	01.72			
	29596 28-03-03	CSRN 08.90	08.14			
	31660 28-04-06	CSRN 10.06	08.11 *			
	31224 30-03-04	CSRN 08.00	03.15 *			
	30763 32-04-08	Fe 01.00	01.17			
			CSRN 09.20	05.50 *		
	FRIT INDUSTRIES	OZARK	AL	30211 00-00-00 B	02.00	02.04
					Cu 05.00	06.36
				Fe 10.00	11.35	
				Mn 05.00	06.08	
				Mo 00.05	00.01 *	
				Zn 05.00	09.80	
30807 00-00-00				Zn 36.00	33.26 *	
31079 00-00-00				Zn 36.00	32.13 *	
32334 00-00-00				Zn 36.00	34.41 *	
GREEN CHARGER FERT. CORP.				RICHMOND	VA	31273 07-00-00 WIN
GREENLEAF PLANT FOOD INC	DANVILLE	KY	31358 00-10-41 B	00.46	00.47	
			31359 00-10-41 B	00.46	00.44	
			31408 05-14-37 B	00.62	00.53	
			31357 08-20-27 B	00.90	00.75 *	
GREEN LIGHT CO	SAN ANTONIO	TX	29754 12-55-06 Fe	00.10	00.11	
GRIFFIN INDUSTRIES INC	COLD SPRING	KY	29288 05-06-06 WIN	04.25	04.48	
				Ca 07.00	09.18	
				Mg 02.00	01.70	
				SO4-S 04.00	03.74	
			31742 05-06-06 WIN	04.25	04.65	
				Ca 07.00	09.75	
				Mg 02.00	01.51 *	
				SO4-S 04.00	03.94	
			29286 07-01-14 WIN	06.00	07.06	
			31743 07-01-14 WIN	06.00	06.43	
			29287 08-03-05 WIN	06.80	07.19	
				Ca 03.00	03.33	
				Mg 01.80	02.58	
				SO4-S 04.00	05.11	
				Fe 00.10	00.08	
			31744 08-03-05 WIN	06.80	08.43	
				Ca 03.00	03.10	
				SO4-S 04.00	05.74	
				Fe 00.10	00.08 *	
			29285 10-02-08 WIN	08.50	10.15	
				Ca 01.80	03.20	
				Mg 00.50	00.14 *	
	SO4-S 03.00	02.66				
31746 10-02-08 WIN	08.50	09.79				

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %			
GRIFFIN INDUSTRIES INC	COLD SPRING	KY	Ca	01.80	02.53			
			Mg	00.50	00.13 *			
			SO4-S	03.00	02.97			
			29289 12-02-06 WIN	09.00	09.93			
			31745 15-02-08 WIN	09.00	08.56			
GRO TEC INC	MADISON	GA	29666 06-12-00 WIN	06.00	06.69			
			29667 12-00-00 WIN	11.00	12.20			
			29668 13-04-05 WIN	07.00	07.21			
			HANCOCK COUNTY FARM SUPPLY	HAWESVILLE	KY	31052 06-24-24 B	00.57	00.44 *
IRONITE PRODUCTS COMPANY	SCOTTSDALE	AZ	29793 06-02-01 SO4-S	01.00	01.08			
			Fe	00.60	00.63			
			Mn	00.05	00.06			
			Zn	00.05	00.07			
			32281 06-02-01 SO4-S	01.00	01.20			
			Fe	00.60	00.66			
			Mn	00.05	00.05			
			Zn	00.05	00.07			
KENTUCKY FERTILIZER WORKS	WINCHESTER	KY	30835 00-20-20 B	00.75	00.75			
			KNOX FERTILIZER CO., INC.	KNOX	IN	29722 18-24-16 Cu	00.05	00.04
			Fe	00.10	00.09			
			Mn	00.05	00.04			
			Zn	00.05	00.05			
			29717 27-03-03 SO4-S	03.00	00.14 *			
			Fe	01.00	01.30			
			CSRN	07.00	03.71 *			
			LEBANON SEABOARD	LEBANON	PA	29115 10-16-20 Mg	01.00	02.24
			Fe	01.00	01.38			
			Mn	00.50	00.31 *			
			30492 16-16-16 WIN	05.70	05.34			
			Mg	00.80	01.64			
			Fe	01.00	01.46			
			Mn	00.50	00.46			
			32252 17-03-17 WIN	05.50	04.16 *			
			SO4-S	08.00	08.90			
			Fe	00.50	00.39 *			
			30491 20-04-10 WIN	04.80	03.99 *			
Fe	00.50	01.04						
			32250 27-03-05 WIN	04.30	04.32			
			Mg	00.50	00.63			
			SO4-S	06.00	07.58			
			Fe	03.00	04.13			
			Mn	00.15	00.20			
			LESCO INC	STRONGSVILLE	OH	29066 18-24-12 CSRN	08.10	07.48
						30957 19-03-07 CSRN	05.10	04.53 *
29067 24-05-11 Fe	02.00	02.97						
Mn	01.00	01.33						
CSRN	10.80	10.36						
30674 24-05-11 Fe	02.00	02.54						
Mn	01.00	01.29						
CSRN	10.80	08.16 *						
30738 24-05-11 Fe	02.00	03.61						

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
LESCO INC	STRONGSVILLE	OH	Mn	01.00	00.42 *		
			CSRN	10.80	05.09 *		
	30675	32-03-08	Fe	02.00	02.36		
			CSRN	08.64	05.09 *		
MARTIN MARIETTA MAGNESIA SPEC	MANISTEE	MI					
			29735	00-00-00	Mg	58.00	61.67
			29896	00-00-00	Mg	58.00	61.00
			30806	00-00-00	Mg	58.00	59.44
			31083	00-00-00	Mg	58.00	59.01
MARTIN RESOURCES	KILGORE	TX					
			30210	00-00-00	S	90.00	92.15
			30621	00-00-00	S	90.00	92.50
			30733	00-00-00	S	90.00	93.10
			31080	00-00-00	S	90.00	92.45
			31210	00-00-00	S	90.00	92.37
MAYSLICK MILL	MAYSLICK	KY					
			31479	02-07-28	B	00.62	00.55
			31096	03-09-37	B	00.80	00.69
			31092	04-10-41	B	00.90	00.86
MILES FARM CENTER	EKRON	KY					
			31343	00-21-28	B	00.47	00.50
MILES FARM CENTER	SACRAMENTO	KY					
			29428	00-22-29	Mg	00.07	00.30
					SO4-S	00.12	00.86
					B	00.01	00.02
					Cu	00.01	00.04
					Zn	00.20	00.18
			29429	00-22-29	Mg	00.07	00.28
					SO4-S	00.12	00.75
					B	00.01	00.01
					Cu	00.01	00.03
Zn	00.20	00.14 *					
MILES FARM CENTER	SHELBYVILLE	KY					
			31077	30-05-10	CSRN	06.00	05.43
MILES FARM SUPPLY	LEBANON	KY					
			32353	06-07-13	B	00.11	00.09
					Cu	00.05	00.07
					Zn	00.44	00.43
			32355	06-07-13	B	00.11	00.10
					Cu	00.05	00.05
Zn	00.44	00.42					
MILES FARM SUPPLY	OWENSBORO	KY					
			29622	00-00-22	Mg	11.00	11.10
					SO4-S	22.00	22.54
			29761	00-00-22	Mg	11.00	11.13
					SO4-S	22.00	21.81
			30973	00-00-22	Mg	10.00	11.25
					SO4-S	22.00	22.65
			29566	03-00-00	Mg	05.00	03.94 *
					SO4-S	09.00	10.72
					B	00.75	00.66
					Cu	00.75	00.97
					Zn	15.00	13.75 *
			29097	10-47-00	SO4-S	02.40	01.47 *
29746	21-00-00	SO4-S	24.00	23.83			
31658	21-00-00	SO4-S	24.00	24.32			

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
MILES FARM SUPPLY	OWENSBORO	KY			
	30387	39-00-00	CSRN	39.00	25.98 *
MILES FARM SUPPLY	UPTON	KY			
	32242	23-09-14	Mg	01.08	01.46
			SO4-S	02.16	07.31
MILORGANITE DIVISION MMSD	MILWAUKEE	WI			
	30490	06-02-00	WIN	05.25	04.61 *
			Ca	01.20	02.04
			Fe	04.00	04.98
OLDFIELD, J.A. & SON	MIZE	KY			
	32329	00-19-19	B	00.60	00.57
PICC	NEW YORK	NY			
	29539	00-00-00	Mg	09.80	10.57
			SO4-S	12.90	13.43
PLEASANT VIEW FARMS AGRI SERV.	SOUTH UNION	KY			
	31033	06-15-37	B	00.32	00.32
	31031	09-24-26	B	00.28	00.26
	31034	14-23-18	B	00.43	00.44
PRO-SOL	OZARK	AL			
	30343	20-20-20	B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.10	00.12
			Mn	00.05	00.05
			Mo	00.00	00.00
			Zn	00.05	00.05
PURSELL INDUSTRIES	SYLACAUGA	AL			
	29554	04-06-04	Ca	14.00	15.88
			SO4-S	06.00	06.76
			Fe	01.00	00.93
	29891	04-06-06	Ca	16.00	17.75
			Mg	02.00	00.41 *
			SO4-S	03.00	05.63
			Fe	01.00	00.98
	29131	08-16-08	Fe	00.10	00.16
			Mn	00.05	00.05
			Zn	00.05	00.06
	30127	09-09-06	CSRN	06.60	06.24
			CSRK	03.70	05.42
	30320	11-40-06	B	00.02	00.03
			Cu	00.05	00.08
			Fe	00.10	01.21
			Mn	00.05	00.08
			Mo	00.00	00.00
			Zn	00.05	00.15
	31805	12-06-06	B	00.02	00.02
			Cu	00.05	00.07
			Fe	00.25	01.21
			Mn	00.05	00.13
			Mo	00.00	00.00
			Zn	00.05	00.15
			CSRN	08.00	06.38 *
	29545	12-10-05	B	00.02	00.00 *
			Cu	00.05	00.03 *
			Fe	00.10	00.65
			Mn	00.05	00.05
			Mo	00.00	00.00
			Zn	00.05	00.05
			CSRN	06.30	05.08 *
	29546	14-07-07	B	00.02	00.04

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %					
PURSELL INDUSTRIES	SYLACAUGA	AL	Cu	00.05	00.11					
			Fe	01.00	02.04					
			Mn	00.05	00.31					
			Mo	00.00	00.00					
			Zn	00.05	00.11					
	29753	18-06-12	CSRN	07.00	06.64					
			SO4-S	04.00	04.66					
			CSRN	16.20	19.48					
			CSRP	05.40	06.28					
			CSRK	10.80	11.87					
	29559	18-24-10	Fe	00.10	01.17					
			CSRN	05.40	08.22					
	30021	19-06-12	CSRN	19.00	21.16					
			CSRP	06.00	05.85					
			CSRK	12.00	12.91					
	29721	20-27-05	Fe	02.00	01.56 *					
			CSRN	04.90	08.11					
	31881	28-02-04	CSRN	07.00	06.82					
	29888	28-03-03	CSRN	06.30	11.04					
	31880	29-02-05	Fe	01.00	01.83					
CSRN			07.20	07.07						
29718	29-03-04	Fe	01.00	01.56						
		CSRN	07.30	05.35 *						
32116	29-03-04	CSRN	11.00	13.56						
ROCKCASTLE FARM SUPPLY	MT VERNON	KY								
			31487	20-00-27	B	00.90	00.88			
ROYSTER CLARK	ADAIRVILLE	KY								
			31581	10-29-16	Ca	00.66	01.02			
					Mg	00.66	01.00			
					B	00.06	00.10			
					Fe	00.09	00.76			
					Zn	00.19	00.22			
			31582	10-29-16	Ca	00.66	00.86			
					Mg	00.66	01.00			
					B	00.06	00.10			
					Fe	00.09	00.73			
					Zn	00.19	00.24			
			ROYSTER CLARK	COLLINSVILLE	IL					
30539	05-20-20	Ca				02.00	02.55			
		Mg				02.00	02.70			
		B				00.20	00.23			
		Fe				00.30	00.50			
		Zn				00.60	00.69			
31294	06-12-18	Mg				01.00	02.13			
		SO4-S				09.00	14.43			
30409	18-08-00	SO4-S				16.00	15.83			
ROYSTER CLARK	FLORENCE	AL								
						30022	05-08-21	Ca	04.00	06.20
								Mg	01.00	01.08
			SO4-S	10.00	08.51 *					
			B	00.35	00.37					
			Fe	00.10	00.50					
			30123	06-12-18	Zn	01.40	01.53			
					Mg	01.00	02.20			
					SO4-S	09.00	13.82			
			ROYSTER CLARK	FULTON	KY					
						31422	07-17-28	Ca	01.17	01.96
								Mg	00.29	00.52
B	00.10	00.11								
Fe	00.02	00.52								
Zn	00.41	00.39								
31423	07-17-28	Ca				01.17	01.99			

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
ROYSTER CLARK	FULTON	KY	Mg	00.29	00.52		
			B	00.10	00.11		
			Fe	00.02	00.52		
	31424	07-17-28	Zn	00.41	00.44		
			Ca	01.17	01.87		
			Mg	00.29	00.50		
			B	00.10	00.11		
			Fe	00.02	00.50		
			Zn	00.41	00.42		
	31661	12-16-21	SO4-S	06.85	07.86		
	31306	12-17-22	SO4-S	06.00	06.93		
31307	12-17-22	SO4-S	06.01	07.06			
ROYSTER CLARK	MADISON	WI					
			30685	00-00-00	B	10.00	09.90
ROYSTER CLARK	SEDALIA	KY					
			30586	24-07-10	Mg SO4-S	00.57 01.15	00.94 01.66
ROYSTER CLARK	UTICA	KY					
			31436	08-21-27	Zn	00.10	00.26
			31437	08-21-27	Zn	00.10	00.24
			32117	08-21-27	SO4-S	01.80	01.73
					Zn	00.20	00.23
			31435	17-17-16	Zn	00.10	00.24
			32119	17-17-17	SO4-S	01.80	08.82
					Zn	00.20	00.32
RUSSELLVILLE CROP	RUSSELLVILLE	KY					
			29187	10-31-07	Mg SO4-S	03.79 07.58	03.61 07.71
			29188	10-31-07	Mg SO4-S	03.79 07.58	03.93 08.24
SCHOCHOH CROP SERVICE	RUSSELLVILLE	KY					
			31609	10-25-20	Mg B Cu Zn	00.47 00.07 00.07 01.42	00.63 00.07 00.10 01.00 *
			31610	10-25-20	Mg	00.47	00.64
					B	00.07	00.06
					Cu	00.07	00.11
					Zn	01.42	01.01 *
			31320	10-27-18	Mg	00.50	00.90
					B	00.07	00.06
					Cu	00.07	00.12
					Zn	01.52	01.18 *
			31321	10-27-18	Mg	00.50	00.90
					B	00.07	00.06
					Cu	00.07	00.12
					Zn	01.52	01.18 *
			31618	12-09-18	Mg	00.34	00.92
					B	00.05	00.03 *
					Cu	00.05	00.05
					Zn	01.03	00.66 *
			31619	12-09-18	Mg	00.34	01.11
					B	00.05	00.04
					Cu	00.05	00.08
					Zn	01.03	00.95
			31616	12-11-16	Mg	00.25	00.71
B	00.03	00.02					
Cu	00.03	00.04					
Zn	00.75	00.46 *					
31617	12-11-16	Mg	00.25	00.75			
		B	00.03	00.02			
		Cu	00.03	00.04			

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
SCHOCHOH CROP SERVICE	RUSSELLVILLE	KY	Zn	00.75	00.41 *
SCHULTZ COMPANY	BRIDGETON	MO			
	29669	02-07-07	Fe	00.10	00.13
			Mn	00.05	00.05
			Zn	00.05	00.08
	29660	05-30-05	Fe	00.10	00.13
			Mn	00.05	00.05
			Zn	00.05	00.06
	31608	05-30-05	Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.05
	31804	05-30-05	Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.05
	29659	08-00-00	Mg	01.00	01.22
			Fe	06.00	06.40
	29662	09-10-15	Mg	00.50	00.50
			Cu	00.05	00.05
			Fe	00.10	00.06 *
			Mn	00.05	00.05
			Zn	00.05	00.06
	29661	10-12-12	Cu	00.05	00.04
			Fe	00.10	00.09
			Mn	00.05	00.04
			Zn	00.05	00.06
	29670	10-15-10	Fe	00.10	00.10
			Mn	00.05	00.04
			Zn	00.05	00.06
	32115	10-15-10	Fe	00.10	00.10
			Mn	00.05	00.04
			Zn	00.05	00.06
	29556	10-60-10	Fe	00.10	00.09
			Mn	00.05	00.04
			Zn	00.05	00.05
	29752	12-08-10	SO4-S	02.00	03.20
			B	00.02	00.01 *
			Cu	00.05	00.02 *
			Fe	01.00	01.56
			Mn	00.10	00.07 *
			Mo	00.00	00.00
			Zn	00.10	00.08
			CSRN	03.60	04.94
	29533	14-14-16	SO4-S	03.80	01.05 *
			Fe	00.30	00.46
			Mn	00.06	00.08
			CSRN	12.40	17.29
			CSRP	11.30	16.82
			CSRK	15.20	16.28
	29534	15-17-15	SO4-S	03.80	01.02 *
			Fe	00.30	00.50
			Mn	00.06	00.09
			CSRN	13.20	17.57
			CSRP	13.70	15.93
			CSRK	14.30	16.48
	29535	17-17-17	SO4-S	03.80	01.02 *
			Fe	00.30	00.51
			Mn	00.06	00.08
			CSRN	15.00	19.27
			CSRP	13.70	17.88
			CSRK	16.20	11.78 *
	29540	17-17-17	SO4-S	03.80	01.01 *
			Fe	00.30	00.49
			Mn	00.06	00.09
			CSRN	15.00	16.57
			CSRP	13.70	16.89
			CSRK	16.20	17.64
	30590	18-24-06	B	00.02	00.01
			Cu	00.05	00.00 *
			Fe	00.25	00.79
			Mn	00.10	00.03 *

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %			
SCHULTZ COMPANY	BRIDGETON	MO	Mo	00.00	00.00			
			Zn	00.10	00.03 *			
	29781	20-30-20	Fe	00.10	00.13			
			Mn	00.05	00.04			
	29885	20-30-20	Zn	00.05	00.07			
			Fe	00.10	00.12			
			Mn	00.05	00.04			
			Zn	00.05	00.06			
THE SCOTTS COMPANY	MARYSVILLE	OH	29887	09-18-18	Mg	01.20	02.05	
			SO4-S	01.70	03.17			
			Cu	00.05	00.09			
			Fe	00.80	01.90			
			Mn	00.40	00.60			
			Zn	00.50	00.51			
			CSRN	04.30	05.21			
	29553	19-25-05	WIN	01.00	00.79			
			SO4-S	01.80	03.27			
	30681	20-27-05	WIN	00.60	00.43			
	31225	20-27-05	WIN	00.60	00.56			
	29597	27-03-04	SO4-S	08.00	08.97			
			Fe	02.00	02.22			
			Mn	01.00	01.01			
	29856	28-03-08	WIN	00.90	00.42 *			
			SO4-S	07.00	07.41			
			Fe	01.00	01.38			
			Mn	00.50	00.43 *			
	SCOTTS MIRACLE-GRO PRODUCTS	MARYSVILLE	OH	29784	06-12-06	WIN	02.17	02.39
				Mg	00.50	00.92		
			B	00.02	00.02			
			Cu	00.05	00.06			
			Fe	00.15	00.35			
			Mn	00.05	00.05			
			Zn	00.05	00.07			
29543		09-18-09	SO4-S	04.00	08.38			
			CSRN	07.20	09.85			
			CSRP	14.40	20.71			
			CSRK	07.20	10.80			
29544		10-10-10	SO4-S	04.00	10.06			
			CSRN	08.00	11.33			
			CSRP	08.00	11.32			
			CSRK	08.00	10.40			
29791		10-10-10	SO4-S	04.00	09.48			
			CSRN	08.00	11.22			
			CSRP	08.00	10.76			
			CSRK	08.00	10.80			
29532		10-52-10	B	00.02	00.01			
			Cu	00.07	00.12			
			Fe	00.15	00.22			
			Mn	00.05	00.06			
29783		12-04-08	Fe	00.10	00.13			
			Mn	00.05	00.05			
			Zn	00.05	00.06			
29782		15-20-15	B	00.02	00.01			
			Cu	00.07	00.08			
			Fe	00.15	00.21			
			Mn	00.05	00.06			
			Mo	00.00	00.00			
			Zn	00.06	00.08			
31803	15-20-15	B	00.02	00.01				
		Cu	00.07	00.08				
		Fe	00.15	00.20				
		Mn	00.05	00.05				
		Mo	00.00	00.00				
		Zn	00.06	00.06				
29054	15-30-15	B	00.02	00.02				
		Cu	00.07	00.10				

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
SCOTTS MIRACLE-GRO PRODUCTS	MARYSVILLE	OH	Fe	00.15	00.23		
			Mn	00.05	00.04		
			Mo	00.00	00.00		
	29531	15-30-15	Zn	00.06	00.08		
			B	00.02	00.02		
			Cu	00.07	00.10		
			Fe	00.15	00.24		
			Mn	00.05	00.05		
			Mo	00.00	00.00		
	29530	18-24-16	Zn	00.06	00.08		
			Cu	00.05	00.06		
			Fe	00.10	00.17		
			Mn	00.05	00.06		
	29665	20-07-08	Zn	00.05	00.05		
			Mg	01.20	01.59		
			SO4-S	02.40	03.09		
			Cu	00.05	00.07		
			Fe	02.80	03.76		
			Mn	00.30	00.48		
			Zn	00.10	00.23		
29656	20-27-05	CSRN	17.50	19.06			
		WIN	00.60	00.61			
SCOTTS MIRACLE GRO PRODUCTS	PORT WASHINGT	NY					
			29557	08-07-06	Fe	00.10	00.11
			29549	15-30-15	B	00.02	00.02
					Cu	00.07	00.11
					Fe	00.15	00.28
					Mn	00.05	00.06
					Mo	00.00	00.00
					Zn	00.06	00.08
			29792	15-30-15	B	00.02	00.01
					Cu	00.07	00.08
					Fe	00.15	00.20
					Mn	00.05	00.04
					Mo	00.00	00.00
					Zn	00.08	00.07
			30019	18-18-21	Mg	00.50	00.64
					Cu	00.05	00.08
					Fe	00.10	00.20
					Mn	00.05	00.05
					Zn	00.05	00.07
			SCOTTS SIERRA HORT PROD CO	MARYSVILLE	OH		
29548	14-14-14	CSRN				12.00	14.36
		CSRP				12.00	14.28
		CSRK				12.00	14.14
32247	19-02-15	WIN				06.50	04.98 *
		Mg				02.00	02.74
		SO4-S				07.50	10.31
		B				00.02	00.02
		Cu				00.05	00.05
		Fe				00.10	00.13
		Mn				00.05	00.06
		Mo				00.00	00.00
		Zn				00.05	00.06
32280	19-06-12	CSRN				16.00	19.18
		CSRP				05.00	06.99
		CSRK				10.00	12.92
SPECTRUM GROUP	ST. LOUIS	MO					
			29547	12-26-06	WIN	04.95	07.21
					CSRN	04.90	08.02
			29720	12-36-14	Mg	00.50	00.47
					B	00.02	00.02
					Cu	00.05	00.05
					Fe	00.10	00.11
					Mn	00.05	00.04
					Mo	00.00	00.00

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
SPECTRUM GROUP	ST. LOUIS	MO	Zn	00.05	00.05		
			29130	20-20-20	Mg	00.50	00.46
				B	00.02	00.02	
				Cu	00.05	00.05	
				Fe	00.10	00.11	
				Mn	00.05	00.05	
				Mo	00.00	00.00	
				Zn	00.05	00.06	
		30020	20-20-20	Mg	00.50	00.51	
				B	00.02	00.02	
				Cu	00.05	00.04	
				Fe	00.10	00.11	
				Mn	00.05	00.04	
				Mo	00.00	00.00	
			Zn	00.05	00.05		
SPEED AG SERVICE	HICKMAN	KY	29298	06-10-13	SO4-S	02.78	04.08
			29299	06-10-13	SO4-S	02.78	03.88
			29302	06-10-13	SO4-S	02.78	03.59
			29300	07-12-15	SO4-S	02.76	04.22
			29301	07-12-15	SO4-S	02.76	03.90
			31662	07-19-33	B	00.13	00.14
					Zn	00.50	00.64
			31429	09-12-29	SO4-S	04.99	05.87
					B	00.12	00.11
					Zn	00.46	00.47
			31426	16-15-19	B	00.10	00.11
					Zn	00.39	00.45
			31663	21-14-12	B	00.10	00.11
					Zn	00.37	00.48
SQM NORTHAMERICA	ATLANTA	GA	29895	00-00-00	B	10.00	09.74
			30096	00-00-00	B	10.00	10.53
			30790	00-00-00	B	10.00	09.25
			31824	00-00-00	B	10.00	09.75
S.S. BARDSTOWN	BARDSTOWN	KY	32171	08-20-27	B	00.67	00.68
			32172	08-20-27	B	00.65	00.71
			31545	08-22-21	B	00.73	00.63
					Zn	01.51	01.38
			31546	08-22-21	B	00.73	00.73
					Zn	01.51	01.39
S.S. BOWLING GREEN	BOWLING GREEN	KY	29229	00-11-43	B	00.33	00.32
S.S. OWINGSVL CARLISLE SERVICE	CARLISLE	KY	31451	08-21-28	B	00.63	00.77
SS LEXINGTON COOP-CYN BRANCH	CYNTHIANA	KY	31878	20-16-17	Zn	01.53	01.40
S.S. BOYLE BRANCH	DANVILLE	KY	31416	00-00-55	B	00.46	00.47
SS RUSSELLVILLE/TODD BRANCH	ELKTON	KY	30966	08-22-22	Mg	03.70	04.80
					B	00.24	00.30
					Zn	01.26	01.38
			30967	08-22-22	Mg	03.70	03.90
					B	00.24	00.26

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
SS RUSSELLVILLE/TODD BRANCH	ELKTON	KY	Zn	01.26	01.11 *
SSCINC-KENTUCKIANA SV	EMINENCE	KY			
	31919	05-11-14	B	00.02	00.02
			Cu	00.06	00.07
			Fe	00.10	00.51
			Mn	00.10	00.09
			Zn	00.10	00.15
	31298	10-27-21	B	00.36	00.40
	31299	11-29-17	B	00.43	00.48
	31920	22-06-21	Zn	00.34	00.33
	31924	31-00-14	B	00.12	00.11
			Zn	01.52	01.56
S.S. GEORGETOWN	GEORGETOWN	KY			
	32069	00-00-57	B	00.68	00.63
S.S. CNTRL KY SVC HARRODSBRG	HARRODSBURG	KY			
	31979	05-14-37	Zn	02.25	02.31
	31197	15-00-36	B	00.84	00.79
S.S. HORSE CAVE	HORSE CAVE	KY			
	29961	12-11-33	B	00.22	00.20
	30076	16-12-27	B	00.26	00.27
	32108	17-08-13	Mg	00.87	02.11
			SO4-S	01.75	06.22
S.S. KY SVC LAGRANGE BR	LAGRANGE	KY			
	32006	00-28-21	Zn	00.70	00.66
S.S. LEBANON SVC	LEBANON	KY			
	31902	07-20-26	B	00.21	00.20
S.S. LIBERTY SVC	LIBERTY	KY			
	32342	00-24-24	B	00.70	00.78
	30512	09-25-25	B	00.50	00.52
S.S. MAYSVILLE	MAYSVILLE	KY			
	31251	00-22-29	B	00.27	00.27
	31246	04-11-42	B	00.57	00.57
S.S. OWENTON	OWENTON	KY			
	30573	04-10-42	B	00.90	00.94
S.S. OWINGSVILLE SVC	OWINGSVILLE	KY			
	31455	06-17-34	B	00.46	00.55
	31456	15-00-26	Mg	04.50	05.02
S.S. COOP. INC-FERT. DIV.	RICHMOND	VA			
	29850	00-00-00	S	90.00	92.17
	29607	00-00-20	Mg	10.00	10.11
			SO4-S	21.00	20.68
	31228	00-00-22	Mg	11.00	09.26 *
			SO4-S	22.00	18.85 *
	32039	00-00-22	Mg	11.00	10.35
			SO4-S	22.00	20.26 *
	31691	05-10-15	Mg	01.00	05.58
			SO4-S	04.00	06.66
			B	00.02	00.03
			Cu	00.05	00.07
			Fe	00.10	00.50

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
S.S. COOP. INC-FERT. DIV.	RICHMOND	VA	Mn	00.05	00.09
			Zn	00.05	00.14
			29610 21-00-00 SO4-S	24.00	23.59
S.S. COOP, INC	RUSSELLVILLE	KY	31768 05-10-15 Mg	01.00	05.45
			B	00.02	00.02
			Cu	00.05	00.11
			Fe	00.10	00.49
			Mn	00.05	00.12
			Zn	00.05	00.15
S.S. RUSSELLVILLE	RUSSELLVILLE	KY	29161 06-17-32 Mg	01.37	01.54
			SO4-S	02.62	03.04
			29165 06-17-32 Mg	01.37	01.52
			SO4-S	02.62	03.05
S.S. SHELBYVILLE	SHELBYVILLE	KY	32162 09-07-14 B	00.03	00.03
			Cu	00.09	00.13
			Fe	00.10	00.52
			Mn	00.09	00.12
			Zn	00.09	00.19
			32164 19-04-12 B	00.03	00.03
			Cu	00.08	00.08
			Fe	00.16	00.39
			Mn	00.08	00.09
			Zn	00.08	00.15
			32389 24-14-13 Zn	01.07	01.04
			32390 24-14-13 Zn	01.07	00.93 *
S.S. SOMERSET	SOMERSET	KY	30079 00-32-14 Zn	01.38	01.36
S.S. LEBANON SPRINGFIELD SVC	SPRINGFIELD	KY	30356 21-16-16 Zn	01.28	01.17
			30358 22-22-00 B	00.42	00.42
			Cu	00.69	00.62
			Zn	01.40	01.29
S.S. STANFORD SERVICE	STANFORD	KY	31128 00-24-24 B	01.01	01.06
			31127 06-24-24 B	01.02	00.98
S.S. WINCHESTER	WINCHESTER	KY	30644 00-10-30 B	00.45	00.40
			30798 00-10-30 B	00.45	00.42
			30804 00-10-30 B	00.45	00.45
			31494 00-10-30 B	00.45	00.50
S.S. CLARK	WINCHESTER	KY	32316 04-10-44 B	00.47	00.55
			32317 22-00-13 B	00.10	00.14
			Cu	00.33	00.41
			Fe	00.67	01.00
			Mo	00.00	00.00 *
			Zn	00.33	00.64
			32321 44-00-00 B	00.07	00.07
			Cu	00.19	00.22
			Fe	00.38	00.57
			Mn	00.19	00.27
			Zn	00.19	00.43

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
SUSTANE CORP	CANNON FALLS	MN			
	32251	05-02-10	WIN	03.50	03.83
			Ca	01.00	02.57
			SO4-S	04.00	07.23
			Fe	02.00	01.96
SWISS FARMS PRODUCTS	LAS VEGAS	NV			
	29555	15-30-15	B	00.02	00.06
			Cu	00.07	00.20
			Fe	00.15	00.42
			Mn	00.05	00.13
			Mo	00.00	00.00
			Zn	00.06	00.16
	29993	15-30-15	B	00.02	00.02
			Cu	00.07	00.05
			Fe	00.15	00.18
			Mn	00.05	00.05
			Mo	00.00	00.00
			Zn	00.06	00.07
	31882	18-18-21	Mg	00.50	00.64
			Cu	00.05	00.06
			Fe	00.10	00.15
			Mn	00.05	00.03 *
			Zn	00.05	00.04
	29992	30-10-10	B	00.02	00.02
			Cu	00.07	00.10
			Fe	00.32	00.41
			Mn	00.05	00.06
			Mo	00.00	00.00
			Zn	00.07	00.11
THE ORTHO GROUP	COLUMBUS	OH			
	29550	27-00-01	Fe	00.50	00.49
	29663	27-00-01	Fe	00.05	00.48
TIGER SUNBELT	ATMORE	AL			
	31028	00-00-00	S	90.00	91.20
TRUSERV CORPORATION	CHICAGO	IL			
	30018	04-12-00	WIN	04.00	05.81
U S BORAX INC	VALENCIA	CA			
	29620	00-00-00	B	15.00	15.32
	29964	00-00-00	B	15.00	15.55
	30196	00-00-00	B	15.00	15.18
	30209	00-00-00	B	15.00	14.68
	30372	00-00-00	B	15.00	15.21
	30643	00-00-00	B	15.00	15.36
	30647	00-00-00	B	15.00	15.05
	30808	00-00-00	B	15.00	15.26
	30822	00-00-00	B	15.00	15.11
	31905	00-00-00	B	15.00	14.67
WARNER FERTILIZER CO	LIBERTY	KY			
	31407	11-22-22	B	00.71	00.69
WATCH US GROW OF KY; INC	CHARLOTTE	NC			
	29789	08-08-08	B	00.02	00.01
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
WOODFORD FEED CO.	VERSAILLES 32358	KY 00-00-57	B	00.34	00.34

TABLE 3. COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30,2002.

ACADIAN SEAPLANTS 30 BROWN AVENUE NOVA SCOTIA CN B3B18	AGRIUM 4582 S ULSTER ST DENVER CO 80237	ALLTECH INC 3031 CATNIP HILL PIK NICHOLASVILLE KY 40356
ACE HARDWARE PO BOX 4883 OAK BROOK IL 60525	AGRIUM US INC 1205 W VASSAR RD REESE MI 48757	AMERICAN HARDWARE SUPPLY CO. BUTLER PA 16001
AG/GRO FERTILIZER CO. 303 HILL STREET WINCHESTER KY 40391	SOUTHWEST LANDMARK INC P.O. BOX 189 XENIA OH 45385	AMERICAN PLANT FOOD PO BOX 410042 CREVE COEUR MO 63141
AG/GRO FERT. CO. #2 PENDLETON STREET WINCHESTER KY 40391	AGRO DISTRIBUTION LLC PO BOX 7000 SIOUX CITY IA 51102	AMPRO INDUST AMTURF DIVISION 1123 129TH AVENUE BRADLEY MI 49311
AG CONCEPTS CORP P.O. BOX 62 BLISS ID 83709	AGRO CULTURE LIQUID FERT DIVISION COG MARKETE ST JOHNS MI 48879	AMSOIL INC 925 TOWER AVE SUPERIOR WI 54880
AG DISTRIBUTORS INC PO BOX 90366 NASHVILLE TN 37209	AGRO DISTRIBUTION, LLC C/O AGRILIANCE ST. PAUL MN 55164	ACCESS BUSINESS GROUP LLC 7575 E FULTON RD ADA MI 49355
AGGRENE CORP 915 TOWER AVE SUPERIOR WI 54880	AGRO DISTRIBUTION LLC PO BOX 459 HARDINSBURG KY 40143	ANDERSON CO FARM SERVICE 145 HAWKINS LAWRENCEBURG KY 40342
AG-QUEST PO BOX 116 DRY RIDGE KY 41035	AGRO DISTRIBUTION 6555 QUINCE RD MEMPHIS TN 38119	THE ANDERSONS P.O. BOX 119 MAUMEE OH 43537
AGRI-ENERGY RESOURCES RR2 BOX 113 PRINCETON IL 61356	AIM LAWN & GARDEN PRODUCTS 739 MOORE ROAD AVON LAKE OH 44012	AQUARIUM PHARMACEVTICALS, INC 50 E HAMILTON STREET CHALFONT PA 18914
AGRI-FLO OF KENTUCKY, INC. 3200 WAREHOUSE ROAD OWENSBORO KY 42301	AIR PRODUCTS & CHEMICALS 4575 HWY 90 EAST PACE FL 32571	ASB GREENWORLD PO BOX 1728 VALDOSTA GA 31603
AGRI-CHEM, INC HIGHWAY 51 BARDWELL KY 42023	ALASKA FISH FERTILIZER CO. 865 EAST VALLEY RD RENTON WA 98055	BALLARD COUNTY COOP PO BOX 329 SUITE 600 LACENTER KY 42056
AGRI-CHEM INC 11825 LAFAYETTE RD HERNDON KY 42236	ALLEN CO. FARMERS SERVICE 512 SMITHS GROVE RD. SCOTTSDALE KY 42164	BANDANA FERTILIZER SERVICE BOX 72 BANDANA KY 42022
AGRI-CHEM, INC. P.O. BOX 31 HOPKINSVILLE KY 42240	ALLEN COUNTY FEED AND SEED 301 SOUTH 4TH ST SCOTTSDALE KY 42164	BARKY BEAVER MULCH INC RT#1, BOX 84 MOSS TN 38575
AGRI-CHEM, INC BOX 527 PRINCETON KY 42445	ALLENSVILLE CROP SERVICE 7645 ALLENSVILLE RD. ALLENSVILLE KY 42204	BARREN-METCALFE SUPPLY LLC 8202 SULPHUR WELL KNOBLICK KY 42154
AGRI-CHEM INC 393 PENCHAM TRENTON KY 42286	HONEYWELL INC 5601 IRONBRIDGE PKWY CHESTER VA 23831	BARREN METCALFE FERT INC PO BOX 909 EDMONTON KY 42129
AGRIGRO FARM CENTER, INC. P.O. BOX 143 HARTFORD KY 42347	ALLJACK, DIV OF UNITED IND 8825 PAGE BLVD ST. LOUIS MO 63114	BAYER-PURSELL, LLC 1500 URBAN CENTER DR BIRMINGHAM AL 35242
AGRILIANCE LLC P.O. BOX 64089 ST. PAUL MN 55164	ALLJACK DIV OF UNITED IND ST LOUIS MO 63114	BAYER ADADVANCED LLC 1500 URBAN CENTER PK BIRMINGHAM AL 35242
AGRI PORT TERMINAL 1127 PORT AUTHORITY EDDYVILLE KY 42038	ALL LIQUID PLANT FOOD 821 ST RT 511 N RD 3 ASHLAND OH 44805	BEATTY FERTILIZER PO BOX 2878 CLEVELAND TN 37320

TABLE 3. (Continued)

BECKER UNDERWOOD INC 801 DAYTON AVENUE AMES IA 50010	CF INDUSTRIES, INC. ONE SALEM DRIVE LONG GROVE IL 60047	CLEARY CHEMICAL CORP 178 RIDGE ROAD DAYTON NJ 08810
BECKETT CORPORATION 5931 W CAMPUS CIRCLE IRVING TX 75063	CAMERON CHEMICALS INC 830 OLD DILL RD SUFFOLK VA 23434	CLEMENTS AGRI SUPPLY PO BOX 347 SPRINGFIELD KY 40069
BICKETT AGRI CENTER 10391 ST RT 175 NORT CENTRAL CITY KY 42330	CAMPBELLSVILLE CROP SERVICE P O BOX 7 CAMPBELLSVILL KY 42719	COAST TO COAST STORES 501 S CHERRY ST DENVER CO 80222
BICKETT AGRI CENTER 9921 STATE RD 56 EAS MORGANFIELD KY 42437	CAREFREE LAWNS, INC. 700 BEECHWOOD RD LOUISVILLE KY 40207	CONKLIN CO. INC. 551 VALLEY PARK DR SHAKOPEE MN 55379
BIGRIVERS AGRI SUPPLY OWENSBORO KY 42304	CARGILL 8813 HWY 41 S RIVERVIEW FL 33569	CONRAD FAFARD PO BOX 790 AGAWAM MA 01001
BIG RIVER ZINC CORP 2401 MISSISSIPPI AVE SAUGET IL 62201	CARGILL P.O. BOX 5606 MINNEAPOLIS MN 55440	CORBIN FARM & GARDEN CENTER PO BOX 1187 CORBIN KY 40701
BIOGREEN 2710 LOSEE RD NORTH LAS VEG NV 89030	CARLISLE FARMERS SERVICE RT 1 CUNNINGHAM KY 42035	COUNTRYMARK COOP INC 950 N MERIDIAN INDIANAPOLIS IN 46204
BLACK GOLD P.O. BOX 190 OKFORD FL 34484	CAROLINA SOIL PO BOX 1140 KINSTON NC 28503	COWBELL SEEDS PO BOX 6 BRADLEY MI 49311
BLOOMFIELD FERT. & CHEM CO. BOX 370 BLOOMFIELD KY 40008	CASH VARIETY STORE 6205 HOLY CROSS RD LORETTO KY 40037	CRITTENDEN FARM SUPPLY 312 W GUM ST MARION KY 42064
BLUEGRASS SEED & FERT 3345 BLOOMFIELD RD BARDSTOWN KY 40004	CAYCE, THOMAS FARM SUPPLY 3069 HWY 1272 PRINCETON KY 42445	CROP PRODUCTION SVC 95 BAKER AVENUE POOLE KY 42444
BONIDE PRODUCTS INC 2 WURZ AVE YORKVILLE NY 13495	CECILIA FARM SERVICE PO BOX 7 CECILIA KY 42724	CROP PRODUCTION SVC 5357 HOPKINSVILLE RD CADIZ KY 42211
BOYD FARM CENTER 222 E PRINCETON CROFTON KY 42217	CELEX, DIV OF UNITED IND 8825 PAGE BLVD ST. LOUIS MO 63114	CROP PRODUCTION SVC P.O. BOX 8 CLARKSON KY 42726
BRANDT CONSOLIDATED PO BOX 277 PLEASANT PLAI IL 62677	CEN. FARMERS SUP. OF GREEN CO. 108 E. COLUMBIA AVEN GREENSBURG KY 42743	CROP PRODUCTION SVC 8381 STATE RT 132 W CLAY KY 42404
BRECK'S 6523 N. GALENA RD PEORIA IL 61632	CENTRAL FIBER CORP 4814 FIBER LANE RD WELLSVILLE KS 66092	CROP PRODUCTION SVC 3705 BEECHWOOD AVE FRESNO CA 93711
OTIS BRYANT & SON PO BOX 148 CANEVILLE KY 42721	CHEM ONE CORP 8017 PINEMONT DR HOUSTON TX 77040	CROP PRODUCTION SVC 2084 WINDISH DR GALESBURG IL 61401
BUNTON SEED COMPANY 939 E. JEFFERSON STR LOUISVILLE KY 40206	CHEVRON CHEM CO-AG. PROD. DIV. 15049 SAN PABLO AVEN RICHMOND CA 94804	CROP PRODUCTION SVC 1229 OUTER 5TH STREE HENDERSON KY 42420
BURKESVILLE FERTILIZER CO 160 GARMON FERRY ST BURKESVILLE KY 42717	CIBA-GEIGY CORP P.O. BOX 18300 GREENSBORO NC 27419	CROP PRODUCTION SVC P.O. BOX 147 HODGENVILLE KY 42748
C & F SUPPLY INC PO BOX 88 HWY 70 HISEVILLE KY 42152	CIRCLE O FARM CENTER 2ND & MONROE STREET'S STURGIS KY 42459	CROP PRODUCTION SVC 6495 SO JACKSON HWY HORSECAVE KY 42749

TABLE 3. (Continued)

CROP PRODUCTION SVC P.O. BOX 506 MADISONVILLE KY 42431	DO IT BEST 6502 NELSON RD FT WAYNE IN 46801	FARMERS FERTILIZER CO. 5619 OLD NASHVILLE R BOWLING GREEN KY 42101
CROP PRODUCTION SVC ROUTE #4; BOX 63 MORGANFIELD KY 42437	DOMESTIC FERTILIZER INC. 1750 SEVENTEENTH ST PARIS KY 40361	FARMERS FERTILIZER CO. 150 SUNSET AVE SMITHS GROVE KY 42171
CROP PRODUCTION SVC P.O. BOX 1279 CADIZ KY 42211	DRAGON CORPORATION P.O. BOX 7311 ROANOKE VA 24019	FARMERS GIN COMPANY P O BOX 295 CLINTON KY 42031
CROP PRODUCTION SVC P.O. BOX 129 PEMBROKE KY 42266	DRAKES FARM SERVICE LOGANSFORT ROAD MORGANTOWN KY 42261	FARMERS LIME CO. HWY 45 E SOUTH FULTON TN 38257
CROP PRODUCTION SVC P.O. BOX 777 RUSSELLVILLE KY 42276	DRAMM CORPORATION 2000 N 18TH STREET MANITOWOC WI 54220	FARMERS MFG CO., INC. 5635 LOOP ROAD DORSEY IL 62021
CROP PRODUCTION SERVICES P.O. BOX 38 SLAUGHTERS KY 42456	DREXEL CHEMICAL CO PO BOX 13327 MEMPHIS TN 38113	FARM FOR PROFIT 4345 HWY 21 EMBARRESS MN 55732
CROP PRODUCTION SVC 4630 US HWY 60E WAVERLY KY 42462	EARTHGRO INC 14111 SCOTTSLAWN RD MARYSVILLE OH 43041	FARMLAND INDUSTRIES INC 1608 N 1400 ROAD LAWRENCE KS 66044
CROWN TECHNOLOGY INC 7513 E 96TH ST INDIANAPOLIS IN 46256	EARTHWORKS P.O. BOX 278K MARTINS CREEK PA 18063	FARNAM COMPANY 301 WEST OSBORNE PHOENIX AZ 85013
CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN KY 42729	EASY GARDNER PO BOX 21025 WACO TX 76702	FELTY CROP SERVICE PO BOX 186 BEAVER DAM KY 42320
CYPRESS CHEMICAL COMPANY PO BOX 589 HELENA AR 72342	ECOORGANICS, INC P.O. BOX 9612 NORTH AMHERST MA 01059	FISONS HORTICULTURE INC 177 SANFORDVILLE RD WARWICK NY 10990
DABNEY FEED SUPP OF BRODHEAD 5215 HWY 150 BRODHEAD KY 40409	ECOVAL TECHNOLOGIES INC 3600 BOUL DE CENTENA MONTREAL ON H1B 5	FLEMING CO. FARM SUPPLY ROUTE 3 FLEMINGSBURG KY 41041
DABNEY FEED SUPP OF SOMERSET 9210 HIGHWAY 39 SOMERSET KY 42501	ELKTON CROP SERVICE 4050 GUTHRIE RD GUTHRIE KY 42234	FLORATINE PRODUCTS 144 MID SOUTH COVE COLLIERVILLE TN 38017
DABNEY FEED SUPP OF WILLAILLA 6075 HWY 70 BRODHEAD KY 40409	EMERALD ISLE 2153 NEWPORT RD ANN ARBOR MI 48103	FRANKLIN CROP SERVICE 2169 SPRINGFIELD ROA FRANKLIN KY 42134
DAVEY TREE EXPERT CO. 1500 NORTH MANTUA ST KENT OH 44240	ENVIRO SAFE LABS 17455 SW 157 AVE MIAMI FL 33187	FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE OH 43537
THE DAVEY TREE EXPERT CO 6065 BRANCH HILL GUI MILFORD OH 45150	THE ESPOMA COMPANY 6 ESPOMA ROAD MILLVILLE NJ 08332	FREE FLOW FERTILIZER FREE FLOW FERTILIZER MAUMEE OH 43537
DELTA FORMULATION PO BOX 4812 GREENVILLE MS 38704	EVERGREEN LIQUID PLT FD RR #1 BRESLAU ON CN NOBIM	ROOT BLAST INTERNATIONAL, INC 4433 38TH ST NW CANTON OH 44718
DEXOL, DIV OF VERDANT BRANDS ATTN LIZ NESLAND BLOOMINGTON MN 55431	FAIRPLAY FERTILIZER 453 PRES MITCHUM RD FAIRPLAY KY 42735	FRIT INDUSTRIES PO BOX 1589 OZARK AL 36361
DFC AGROTECH PO BOX 1420 SHERMAN TX 75091	FARMERS FERTILIZER CO. 739 KELLEY RD BOWLING GREEN KY 42101	FRUIT BELT SERVICE CO PO BOX 366 VIENNA IL 62995

TABLE 3. (Continued)

FRUIT BELT SERVICE RT 1 HWY 145 S GRANTSBURG IL 62943	HARDINSBURG FARM SUPPLY RT#1, BOX 138 HARNED KY 40144	IMC PHOSPHATES CO 100 S. SAUNDERS RD LAKE FOREST IL 60045
GAMALIEL BULK FERTILIZER INC 701 EAST MAIN ST. GAMALIEL KY 42140	HARMONY PRODUCTS 2005 OLD GRIENBRIER CHESAPEAKE VA 23320	IRONITE PRODUCTS COMPANY PO BOX 218 HUMBOLDT AZ 86329
GENERAL HYDROPONICS PO BOX 1576 SEBASTOPOL CA 95473	HELENA CHEMICAL CO 1705 7TH ST HICKMAN KY 42050	IRONITE PRODUCTS COMPANY 8700 VIA DE VENTURA SCOTTSDALE AZ 85258
GLENDALE FARM SVC P.O. BOX 155 GLENDALE KY 42740	HELENA CHEMICAL COMPANY 225 SCHILLING BLVD COLLIERVILLE TN 38017	JANES FERT. & FARM SUPPLY 4540 EDMONTON ROAD COLUMBIA KY 42728
GRANT CO FARM SUPPLY P.O. BOX 116 DRY RIDGE KY 41035	HELENA CHEMICAL COMPANY P.O. BOX 366 SPRINGFIELD KY 40069	J B RUCK & ASSOCIATES 599 HANSELL RD WYNNEWOOD PA 19096
GRAVES CO SOIL ASSN 518 BEECH STREET MAYFIELD KY 42066	HELM FERTILIZER 10210 HIGHLAND MANOR TAMPA FL 33619	JC PRINZO CONSULTING 6678 SPRINGDALE DR MIDDLEBURG HE OH 44130
GREEN CHARGER FERT. CORP. P.O. BOX 26234 RICHMOND VA 23260	HENRI STUDIO 1250 HENRI DRIVE WAUCONDA IL 60084	JEFFERSONVILLE RIVER TERMINAL 5130 PORT ROAD JEFFERSONVILL IN 47130
GREEN AID PRODUCTS PO BOX 1701 LAPORTE IN 46350	HENRY FARMERS COOP. P.O. BOX 1058 PARIS TN 38242	JIFFY PRODUCTS OF AMERICA INC 951 SWANSON DR BATAVIA IL 60510
GREEN & HAGSTROM 7767 FERNSVALE RD FAIRVIEW TN 37062	HENRY FARMERS COOP 3005 E STATE LINE RO HAZEL KY 42049	JONATHAN GREEN & SONS P.O. BOX 326 FARMINGDALE NJ 07727
GREENLEAF PLANT FOOD INC PO BOX 113 DANVILLE KY 40423	FRANK HINTON & SON PO BOX 10 PLUMMERS LAND KY 41081	JRM CHEMICAL 4881 NEO PKWY CLEVELAND OH 44128
GREEN LIGHT CO PO BOX 17985 SAN ANTONIO TX 78217	HOFFMAN A. H. P.O. BOX 290 LANCASTER NY 14086	J R PETERS 6656 GRANT WAY ALLENTOWN PA 18106
GREENLON, INC. 1920 LOSANTIVILLE AV CINCINNATI OH 45237	HOLLINSWORTH FERT 8021 GLASGOW RD MT HERNON KY 42157	J.R. SIMPLOT P.O. BOX 27 BOISE ID 83707
GREEN RIVER FEED MILL PO BOX 410 MORGANTOWN KY 42261	HONEY CREST FARMS 8868 LEE LANE BENTONVILLE AR 72712	J.R. SIMPLOT COMPANY 16777 HOWLAND RD LATHROP CA 95330
GRIFFIN INDUSTRIES INC 4221 ALEXANDRIA PIKE COLD SPRING KY 41076	HONEYWELL 15801 WOODS EDGE ROA COLONIAL HEIG VA 23834	KEES FARM SERVICE, INC. PO BOX 901 GRAYSON KY 41143
GRIFFIN INDUSTRIES INC PO BOX 402 HENDERSON KY 42420	HOWARD JOHNSONS ENT INC 700 W VIRGINIA ST MILWAUKEE WI 53204	KELLY PRODUCTS INC PO BOX 1508 COVINGTON GA 30210
GRO TEC INC PO BOX 290 MADISON GA 30650	HYDRO AGRI N AMERICA 100 N TAMPA ST #3200 TAMPA FL 33602	KENTUCKY WORM KING LLC 3020 MT ZION CRESTWOOD KY 40014
GROWERS CHEMICAL CORP. LOCKWOOD RD. MILAN OH 44846	HYPONEX CORP. 14111 SCOTTSLAWN RD MARYSVILLE OH 43041	KENTUCKY FERTILIZER WORKS 303 HILL ST WINCHESTER KY 40391
HANCOCK COUNTY FARM SUPPLY BOX 95 HAWESVILLE KY 42348	IMCOUSA P.O. BOX 2000 MULBERRY FL 33860	K-MART CORP. 3100 W BIG BEAVER RD TROY MI 48084

TABLE 3. (Continued)

KNOX FERTILIZER CO., INC. W. CULVER ROAD KNOX IN 46534	MACON-TROUSDALE FARMERS COOP. 905 SCOTTSVILLE RD. LAFAYETTE TN 37083	MEIJER, INC GRAND RAPIDS MI 49544
LANGE STEGMAN CO ONE ANGELICA ST ST LOUIS MO 63147	MAGIC GREEN CORP 4598 HWY H SILEX MO 63377	METCALFE CO FARMERS SUPP P.O. BOX 178 EDMONTON KY 42129
LAROCHE INDUSTRIES, INC. 1100 JOHNSON FERRY R ATLANTA GA 30342	MAJESTIC EARTH P.O. BOX 790 AGAWAM MA 01001	MFA INCORPORATED 201 RAY YOUNG DRIVE COLUMBIA MO 65201
LAWN AND GARDEN PRODUCTS P.O. BOX 35000 FRESNO CA 93745	MARKMAN PEAT CORPORATION PO BOX 3304 DAVENPORT IA 52808	MICHIGAN PEAT PO BOX 980129 HOUSTON TX 77098
LAWN CURE OF SOUTHERN IN 1611 SPRING ST. JEFFERSONVILL IN 47130	MARLOW BILL 10743 BROWER RD NORTH BEND OH 35052	MICHIGAN BULB COMPANY 1950 WALDORF NW GRAND RAPIDS MI 49550
LAWNLORDS INC 28 MILLER RD WHEELERSBURG OH 45694	MARSHALL CTY SOIL IMP. ASSOC. PO BOX 230 BENTON KY 42025	MILES FARM CENTER PO BOX 10 EKRON KY 40117
LEBANON CHEM - GREENVIEW DIV. 1600 EAST CUMBERLAND LEBANON PA 17042	MARSHALL COUNTY SOIL IMP. PO BOX 38 SMITHLAND KY 42081	MILES FARM CENTER P.O. BOX 229 SACRAMENTO KY 42372
LEBANON CHEMICAL CO. 1600 EAST CUMBERLAND LEBANON PA 17042	MARTIN MARIETTA MAGNESIA SPEC 1800 EAST LAKE ROAD MANISTEE MI 49660	MILES FARM CENTER P.O. BOX 488 SHELBYVILLE KY 40065
LEBANON SEABOARD 1600 EAST CUMBERLAND LEBANON PA 17042	MARTIN MARIETTA MAGNESIA ATTN: ACCOUNTING DEP RALEIGH NC 27622	MILES FARM SUPPLY P. O. BOX 310 CYNTHIANA KY 41031
LESCO INC 59 DWIGHT ST HATFIELD MA 01038	MARTIN RESOURCES PO DRAWER 191 KILGORE TX 75662	MILES FARM SUPPLY P.O. BOX 493 LEBANON KY 40033
LESCO INC 15885 SPRAGUE ROAD STRONGSVILLE OH 44136	MASTERBLEND INTERNATIONAL LCC 0000 CHICAGO IL 60629	MILES FARM SUPPLY PO BOX 22879 OWENSBORO KY 42304
LESCO, INC. PO BOX 16915 ROCKY RIVER OH 44116	MATHIS FARM SUPPLY 5799 SHAW ROAD MELBER KY 42069	MILES FARM SUPPLY P.O. BOX 108 UPTON KY 42784
LIDOCHEM INC 20 VILLAGE COURT HAZLET NJ 07730	MAUGET, J.J. CO., INC. 5435 PECK RD ARCADIA CA 91006	MILLBURN PEAT CO INC P. O. BOX 236 LAPORTE IN 46352
LILLY MILLER BRANDS P.O. BOX 2289 CLACKAMAS OR 97015	MAYFIELD GRAIN CO P.O. BOX 950 MAYFIELD KY 42066	MILLER CHEMICAL & FERT. CORP. RADIO ROAD HANOVER PA 17331
LIVINGSTON CO FARM STORE 427 E. ADAIR SMITHLAND KY 42081	MAYSLICK MILL 6538 US 68 MAYSLICK KY 41055	MILLER'S LAWN CARE 755 BUZZARD ROAST RD SHELBYVILLE KY 40065
P.O. BOX 119 1399 ASHLEYBROOK LAN MAUMEE OH 43041	MCGILL FARM SUPPLY 364 MCGILL ROAD CLAY KY 42404	MILLERSBURG FERTILIZER CO. P.O. BOX 284 MILLERSBURG KY 40348
LONCALA INC 125 NW 1ST AVE HIGH SPRINGS FL 32655	MCWHORTER BROS. FARM SER., INC 206 WASHINGTON ST. ALBANY KY 42602	MILORGANITE DIVISION MMSD PO BOX 3049 MILWAUKEE WI 53201
LYONCO FARM SUPPLY INC PO BOX 571 TOMPKINSVILLE KY 42167	MEACHAM NITROGEN SERV. 3072 US HWY 60 WEST MORGANFIELD KY 42437	MINERAL SOLUTIONS C/O DARRYL KNEPPER ROCKPORT IN 47635

TABLE 3. (Continued)

MINERAL PROCESSING 1855 CH 99 CAREY OH 43316	NORTHERN STAR MINERALS IN 2910 GRANT LINE RD. NEW ALBANY IN 47150	PENN TURF PRODUCTS 205 EAST BEAVER AVE STATE COLLEGE PA 16801
MIRACLE GRO LAWN PRODUCTS 800 PORT WASHINGTON PORT WASHINGT NY 11050	NORTRACE LTD PO BOX 1286 GREELEY CO 80632	PENNYRILE AG OIL, INC. 2260 PRINCETON RD. HOPKINSVILLE KY 42240
MISSISSIPPI CHEMICAL CO LP PO BOX 1545 YAZOO CITY MS 39194	NU GRO TECHNOLOGIES INC 2680 HORIZON DR GRAND RAPIDS MI 49546	PERDVE-AGRI RECYCLE LLC 28338 ENVIRO WAY SEAFORD DE 19973
MISSISSIPPI PHOSPHATES PO BOX 986 YAZOO CITY MS 39194	NULEX, INC 1919 GRAND AVE SIOUX CITY IO 51106	PETERS FERT PROD W R GRACE CO 570 GRANT WAY FOGELSVILLE PA 18051
MISSISSIPPI POTASH PO BOX 1914 YAZOO CITY MS 39194	NUTRA-FLO CO. 1919 GRAND AVE SIOUX CITY IA 51107	PHELPS DODGE REFINING CORP PO BOX 20001 EL PASO TX 79998
MOBIL MINING & MINERALS P.O. BOX 3440 PASADENA TX 77501	NUTRECOLOGY INC 17 VILLAGE COURT HAZLET NJ 07730	PICC 201 E 42ND ST NEW YORK NY 10017
MONTANA SULFUR & CHEM. CO. P.O. BOX 31118 BILLINGS MT 59107	OCEAN CREST SEAFOODS INC 88 COMMERCIAL ST GLOUCESTER MA 01930	PIONEER SOUTHERN PO BOX 266 LANCASTER NY 14086
MONTYS PLANT FOOD 8608 PERRY ROAD LOUISVILLE KY 40222	OLDFIELD, J.A. & SON 110 N. MILL ST. MIZE KY 41352	PIONEER SOUTHERN, INC. 310 KENYON RD SUFFOLK VA 23434
MONTYS PLANT FOOD ATTN JOHN PETREY LOUISVILLE KY 40222	OPTIFLORA INC. PO BOX 78565 NASHVILLE TN 37207	PLANT MARVEL LABORATORIES 371 EAST 16TH ST. CHICAGO HEIGH IL 60411
MORRAL COMPANIES 132 POSTLE ST MORRAL OH 43337	PBI/GORDON CORPORATION 1217 W. 12TH ST. KANSAS CITY MO 64101	PLANTABBS PRODUCTS PO0BOX 165 HUNT VALLEY MD 21030
MULCH 6747 TAYLOR RD SW REYNOLDSBURG OH 43068	PADUCAH AG 4955 NOBLE RD PADUCAH KY 42001	PLANTEK 314 ORENDA RD BRAMPTON CN L6T 1
NA-CHURS/ALPINE SOLUTIONS 421 LEADER STREET MARION OH 43302	PARRISH SHOP & SALES 8834 LARUE ROAD HENDERSON KY 42420	PLANTWISE 1402 W MAIN ST LOUISVILLE KY 40203
NATIONAL PRODUCTS PO BOX 1701 LA PORTE IN 46352	PAYGRO DIV OF GARICK 11000 HUNTINGTON RD S. CHARLESTON OH 45368	PLATTE CHEMICAL COMPANY 150 SOUTH MAIN STREE FREMONT NE 68025
NATIONAL EARTH PRODUCTS PO BOX 391 MARENGO IN 47140	PBI GORDON PO BOX 14090 KANSAS CITY KS 64101	PLATTE CHEMICAL COMPANY P.O. BOX 667 GREELEY CO 80632
PREMIUM WOOD AND GARDEN PROD 345 E MAIN STREET JACKSON OH 45640	PCS SALES (USA) INC 1101 SKOKIE BLVD NORTHBROOK IL 60062	PLEASANT VIEW FARMS AGRI SERV. P.O. BOX 23 SOUTH UNION KY 42283
NEW EEZY GRO INC 218 TOLEDO ST. CAREY OH 43316	PECOS AGRICULTURAL CORP PO BOX 1712 TX 79	C D POORE FERTILIZER 708 BURKESVILLE RD ALBANY KY 42602
NEW PLANT LIFE PO BOX 45 LA PORTE IN 46352	PENNINGTON SEED INC P.O. BOX 338 GREENFIELD MO 65661	PQ CORP PO BOX 840 VALLEY FORGE PA 19482
NORTH COUNTRY ORGANICS PO BOX 372 BRADFORD VT 05033	PENNINGTON SEED INC PO BOX 290 MADISON GA 30650	PRO-SOL P.O. BOX 1589 OZARK AL 36361

TABLE 3. (Continued)

PURE-TEX FERTILIZER INC PO BOX 1712 PECOS TX 79772	ROYSTER CLARK 3902 SCHOCHOH RD ADAIRVILLE KY 42202	ROYSTER CLARK 717 ROBINSON ROAD WASHINGTON CH OH 43160
PURSELL INDUSTRIES, INC 1500 URBAN CTR BIRMINGHAM AL 35242	ROYSTER CLARK BOX 38 CEDAR HILL TN 37032	ROYSTER CLARK 3105 GLENN AVE WINSTON-SALEM NC 27115
PURSELL INDUSTRIES 1500 URBAN CENTER PK SYLACAUGA AL 35242	ROYSTER CLARK 5216 GUTHRIE HIGHWAY CLARKSVILLE TN 37040	ROYSTER CLARK P.O. BOX 250 TARBORO NC 27886
QUALITY BORATE COMPANY 3690 ORANGE PLACE CLEVELAND OH 44122	ROYSTER CLARK 6 EXECUTIVE DR COLLINSVILLE IL 62234	RUDOLPH FARM SUPPLY 521 EAST MAIN STREET SALEM KY 42078
RAINTREE SVCS OF W KY 400 CENTER STREET BOWLING GREEN KY 42101	ROYSTER CLARK 10693 STATE RT 121 N FANCY FARM KY 42039	RUSSELLVILLE CROP P.O. BOX 8 RUSSELLVILLE KY 42276
RAINTREE SVCS OF W KY BBA CHEMLAWN PADUCAH KY 42001	ROYSTER CLARK PO BOX 158 FLORENCE AL 35631	SANDIDGE'S STORE P.O. BOX 95 EUBANK KY 42567
REGISTRATIONS BY DESIGN 118 1/2 E. MAIN ST SALEM VA 24153	ROYSTER CLARK 179 SIMPSON ST FULTON KY 42041	SAS GROUP INC 200 WHITE PLAINS RD TARRYTOWN NY 10591
RICH POND CROP SERVICE 1753 RICHPOND RD BOWLING GREEN KY 42101	ROYSTER CLARK 170 2ND ST HARDIN KY 42048	SCHOCHOH CROP SERVICE 5240 HALL STORE RD RUSSELLVILLE KY 42276
RINGER CORP. 9100 W BLOOMINGTON H BLOOMINGTON MN 55431	ROYSTER CLARK 151 STATELINE RD BOX HAZEL KY 42029	SCHULTZ COMPANY 13260 CORPORATE EXCH BRIDGETON MO 63044
RIPS FARM CENTER PO BOX 176 TOLLESBORO KY 41189	ROYSTER CLARK 902 DEMPSEY ROAD MADISON WI 53714	SCOTT FARMERS COOP PO BOX 4816 ONEIDA TN 37841
RIVER AG. OF ILLNOIS, INC. BOX 629 METROPOLIS IL 62960	ROYSTER CLARK 204 W RAILROAD AVE MURRAY KY 42071	THE SCOTTS COMPANY 14111 SCOTTS LAWN RO MARYSVILLE OH 43041
RIVERSIDE/TERRA CORP. TERRA CENTRE, 600 4T SIOUX CITY IA 51101	ROYSTER CLARK 999 WATERSIDE DR NORFOLK VA 23510	SCOTTS MIRACLE-GRO PRODUCTS 14111 SCOTTS LAWN RD MARYSVILLE OH 43041
ROCKCASTLE FARM SUPPLY PO BOX 1944 MT VERNON KY 40456	ROYSTER CLARK 1680 STATE RT 339 E SEDALIA KY 42079	SCOTTS MIRACLE GRO PRODUCTS 800 PORT WASHINGTON PORT WASHINGT NY 11050
ROOTS, INC 3120 WEATHERFORD RD INDEPENDENCE MO 64055	ROYSTER CLARK PO BOX 40 UNION CITY TN 38261	SCOTTS SIERRA HORT PROD CO 14111 SCOTTS LAWN RD MARYSVILLE OH 43041
ROSE ACRE FARMS PO BOX 1250 SEYMOUR IN 47274	ROYSTER CLARK PO BOX 117 WYNNBURG TN 38077	SEARS ROEBUCK COMPANY 3333 BEVERLY RD HOFFMAN ESTAT IL 60179
ROYSTER CLARK 249 NEEDMORE RD. CLARKSVILLE TN 37040	ROYSTER CLARK HIGHWAY ONE SOUTH MT CARMEL IN 62863	SECURITY PRODUCTS 301 WEST OSBORNE PHOENIX AZ 85013
ROYSTER CLARK BOX 401 FRANKLIN KY 42134	ROYSTER CLARK 5081 HWY 431 N SPRINGFIELD TN 37172	SECURITY PRODUCTS 7801 METRO PKWY MINNEAPOLIS MN 55459
ROYSTER CLARK P.O. BOX 395 GUTHRIE KY 42234	ROYSTER CLARK BOX 128 UTICA KY 42376	SECURITY SEED & CHEMICAL 5217 GUTHRIE HWY CLARKSVILLE TN 37040

TABLE 3. (Continued)

SHELLEY, W.H. GEN MERCHANDISE ROUTE #2, BOX 105 HILLSBORO KY 41049	S.S. CADIZ BRANCH 2829 HOPKINSVILLE RD CADIZ KY 42211	S.S. GREEN CO SVC PO BOX 218 GREENSBURG KY 42743
SIERRA CHEMICAL CO 1001 YOSEMITE DR. MILPITAS CA 95035	SS COOP CALHOUN SERVICE 1432 KY 136E CALHOUN KY 42327	S.S. GREENVILLE 212 W. DEPOT STREET GREENVILLE KY 42345
SIPCAM AGRO USA INC 300 COLONIAL CENTER ROSWELL GA 30076	S.S. CAMPBELLSBURG BR 7432 CARROLLTON RD CAMPBELLSBURG KY 40011	SS HARDIN COOP HODGENVILLE BR 310 WEST WATER STREE HODGENVILLE KY 42748
THE SOLARIS GROUP 14111 SCOTTSLAWN RD MARYSVILLE OH 43041	S.S. CAMPBELLSVILLE BRANCH 1720 E BROADWAY CAMPBELLSVILLE KY 42718	S.S. BRECK 122 OLD HWY 60 HARDINSBURG KY 40143
SOUTHDOWN INC PO BOX 610 CASTLEWOOD VA 24224	S.S. OWINGSVL CARLISLE SERVICE PO BOX 557 CARLISLE KY 40360	S.S. CNTRL KY SVC HARRDSBRG 1027 N COLLEGE HARRODSBURG KY 40330
SOUTHERN IMPORTERS, INC. P.O. BOX 8579 GREENSBORO NC 27419	S.S. CLAY SERVICE 205 E. RAILROAD ST. CLAY KY 42404	S.S. HENDERSON 5290 HWY 425 BYPASS HENDERSON KY 42420
SOUTHERN EXCELLENCE, INC 1783 OLD HWY 5 SOUTH THOMASVILLE AL 36784	S.S. GRN RVR SVC ADAIR CO BR 210 MERCHANT ST COLUMBIA KY 42728	S.S. HOPKINSVILLE 501 EAST 13TH ST HOPKINSVILLE KY 42240
SPECIALTY FERT PROD 134 CHERRY HILL DRIV BELTON MO 64012	SS LEXINGTON COOP-CYN BRANCH P.O. BOX 337 CYNTHIANA KY 41031	S.S. HORSE CAVE P.O. BOX 339 HORSE CAVE KY 42749
SPECTRUM GROUP 8825 PAGE BLVD ST. LOUIS MO 63114	S.S. BOYLE BRANCH 1244 LEBANON ROAD DANVILLE KY 40422	SS COOP ISLAND SERVICE 101 W BROADWAY ISLAND KY 42350
SPEED AG SERVICE 345 ST RT 166W HICKMAN KY 42050	S.S. HARDIN 402 S MULBERRY ST ELIZABETHTOWN KY 42701	S.S. KY SVC LAGRANGE BR 112 SOUTH FIRST ST LAGRANGE KY 40031
SPEEDLING INCORPORATED PO BOX 307 BUSHNELL FL 33513	SS RUSSELLVILLE/TODD BRANCH P. O. BOX 278 ELKTON KY 42220	S.S. ANDRSN FRNKLN LWRNCEBRG B 1241 GLENSBORO RD LAWRENCEBURG KY 40342
SPEEDLING PO BOX 7220 SUN CITY FL 33586	SSCINC-KENTUCKIANA SV HENRY BRANCH EMINENCE KY 40019	S.S. LEBANON SVC 215 DEPOT STREET LEBANON KY 40033
SPRING HILL NURSERIES 110 W. ELM ST. TIPP CITY OH 45371	SS LEXINGTON COOP-PEND BRANCH PO BOX 231 FALMOUTH KY 41040	S.S. LEITCHFIELD 118 W. WHITE OAK ST. LEITCHFIELD KY 42754
SPRING VALLEY DIV OF VOGEL SEED & JACKSON WI 53037	S.S. FLEMINGSBURG PO BOX 167 FLEMINGSBURG KY 41041	S.S. LEXINGTON 949 PINE ST. LEXINGTON KY 40508
SQM NORTHAMERICA 3101 TOWERCREEK PKWY ATLANTA GA 30339	S.S. ANDRSN-FRANKLN SVC 1211 WILKINSON BLVD FRANKFORT KY 40601	S.S. LIBERTY SVC 225 S WALLACE WILKIN LIBERTY KY 42539
S.S. BARDSTOWN 403 CATHEDRAL MANOR BARDSTOWN KY 40004	S.S. SIMPSON PO BOX 528 FRANKLIN KY 42134	S.S. LONDON 1208 BARBOURVILLE ST LONDON KY 40741
S.S. BOWLING GREEN 640 PLUM SPRGS BOWLING GREEN KY 42101	S.S. GEORGETOWN 1141 PARIS ROAD GEORGETOWN KY 40324	S.S. MADISONVILLE 1001 PRIDE AVE MADISONVILLE KY 42431
S.S. COOP INC 136 BAKERY ROAD BRISTOL VA 24201	S.S. GLASGOW 300 SAMSON ST. GLASGOW KY 42141	S.S. MAYSVILLE 1325 CLYDE T BARBOUR MAYSVILLE KY 41056

TABLE 3. (Continued)

S S MORGANFIELD 304 N TOWNSEND ST MORGANFIELD KY 42437	S.S. GALLATIN CO SVC BOX 408 WARSAW KY 41095	TENNESSEE FARMERS COOPERATIVE 200 WALDRON ROAD LAVERGNE TN 37086
S.S. MURRAY P.O. BOX 750 MURRAY KY 42071	S.S. WINCHESTER P.O. BOX 516 WINCHESTER KY 40391	TERRA RENEWAL SERVICES 611 UNION ST DARDANELLE AR 72834
S.S. NICHOLASVILLE SVC THIRD & DEPOT ST. NICHOLASVILLE KY 40356	S.S. CLARK 21 PENDLETON ST WINCHESTER KY 40391	TERRA NITROGEN CORPORATION 5100 E SKELLEY DR TULSA OK 74135
SS OWENSBORO 800 CRABTREE AVE OWENSBORO KY 42301	STANLEY CROP SERVICE P.O. BOX 37 STANLEY KY 42375	TESSENDERLO KERLEY 2255 N 44TH ST PHOENIX AZ 85008
S.S. OWENTON 355 N MAIN ST OWENTON KY 40359	STATESMAN LAWN & GARDEN PROD 6606 WEST BROAD ST. RICHMOND, VA 23260	TETRA MICRONUTRIENTS, INC. 25025 I-45 NORTH THE WOODLANDS TX 77380
S.S. OWINGSVILLE SVC PO BOX 557 OWINGSVILLE KY 40360	STERN'S MIRACLE-GRO PRODUCTS 800 PT. WASHINGTON B PORT WASHINGT NY 11050	TETRA MICRONUTRIENTS PO BOX 73087 HOUSTON TX 77273
S.S. LEXINGTON PARIS BR 1488 S MAIN ST PARIS KY 40361	STOLLER ENTERPRISES 8580 KATY FRWY STE 2 HOUSTON TX 77024	TETRA SALES USA 3001 COMMERCE ST BLACKSBURG VA 24060
S.S. RICHMOND SERVICE BOX 916 RICHMOND KY 40475	SUMMERS ORGANIZATION LLC DBA PREMIUM WOOD AND JACKSON OH 45640	THE DOGGETT CORP 30 CHERRY ST LEBANON NJ 08833
S.S. COOP. INC-FERT. DIV. BOX 26234 RICHMOND VA 23260	SUN BULB CO INC PO DRAWER 698 ARCADIA FL 34265	THE SANCTUARY PO BOX 656 WINTER PARK CO 80482
SSC INC CROPS FARM & HOME P.O. BOX 26234 RICHMOND VA 23260	SUNCOAST/AGRI-PRODUCTS RT#1, BOX 8A GREENVILLE FL 32331	THE ORTHO GROUP P.O. BOX 1479 COLUMBUS OH 43216
SS ADAIR RUSSELL SPRINGS PO BOX 280 RUSSELL SPRIN KY 42642	SUN GRO HORTICULTURE DISTR 15831 NE 8TH STREET BELLEVUE WA 98008	THE WONDER COMPANY 665 VERNON AVENUE NASHVILLE TN 37209
S.S. COOP, INC P.O. BOX 600 RUSSELLVILLE KY 42276	SUNWRAY LIQUID FERT., INC. 2559 STATE RT 94W WINGO KY 42088	TIGER SUNBELT PO BOX 5 ATMORE AL 36504
S.S. RUSSELLVILLE 209 N BETHEL ST RUSSELLVILLE KY 42276	SURETRACK MELT P.O. BOX 84 TALMAGE PA 17580	TRACE CHEM., INC. 839 BRENKMAN DR. PEKIN IL 61554
SS COOP MADISONVILLE SEBREE BR 1112 HWY 41-N SEBREE KY 42455	SUSTANE CORP 310 HOLIDAY AVE CANNON FALLS MN 55009	TRAYLOR CHEMICAL & SUPPLY CO. 1911 TRAYLOR BLVD. ORLANDO FL 32854
S.S. SHELBYVILLE 623 SOUTH 7TH STREET SHELBYVILLE KY 40065	SWISS FARMS PRODUCTS 3773 HOWARD HUGHES P LAS VEGAS NV 89109	TRAYLOR CHEM. & SUP. CO. P.O. BOX 249 ROYAL CENTER IN 46978
S.S. SOMERSET 941 N HWY 27 SOMERSET KY 42503	T AND N, INC P.O. BOX 240 FORISTELL MO 63348	TRI COUNTY FERTILIZER PO BOX 147 HONEA PATH SC 29654
S.S. LEBANON SPRINGFIELD SVC 1752 BARDSTOWN RD SPRINGFIELD KY 40069	G M TAYLOR SEED COMPANY PO BOX 1303 GEORGETOWN KY 40324	TRI-COUNTY FERTILIZER CO. INC 124 SOUTH ESTILL AVE RICHMOND KY 40475
S.S. STANFORD SERVICE 925 CRAB ORCHARD RD STANFORD KY 40484	TENNESSEE CHEMICAL CO. MILITARY ST COPPERHILL TN 37317	TRIMBLE CO. FARM SUPPLY 11300 HWY 421 N MILTON KY 40045

TABLE 3. (Continued)

TRI STATE BIO SYSTEMS 3566 WEST SR 62 BOONVILLE IN 47601	UNIVERSAL COOPERATIVES, INC 1300 CORPORATE CENTE EAGAN MN 55121	WARNER FERTILIZER CO. ARMORY ROAD TOMPKINSVILLE KY 42167
TRU GREEN CHEM LAWN 860 RIDGE LAKE BLVD MEMPHIS TN 38120	IMC USA INC 100 S. SAUNDERS ROAD LAKE FOREST IL 60045	WARNER FERTILIZER CO. PO BOX 117 MONTICELLO KY 42633
TRUGREEN L P 1400 N CULLEN AVE EVANSVILLE IN 47715	U S BORAX INC 26877 TOURNEY RD VALENCIA CA 91355	WATCH US GROW OF KY; INC P.O. BOX 241205 CHARLOTTE NC 28224
TRUGREEN L P 7980 KENTUCKY DR FLORENCE KY 41022	VALLEY FARM CENTER, INC. 1314 N MAIN ST MONTICELLO KY 42633	WATCH-US-GROW OF KENTUCKY P.O. BOX 241205 CHARLOTTE NC 28224
TRUGREEN L P 575 HORTON CT LEXINGTON KY 40583	VALLEY FERTILIZER SERVICE P.O. BOX 180 EDMONTON KY 42129	WATERWAY AG, INC. BOX 629 METROPOLIS IL 62960
TRUGREEN L P 13135 MIDDLETOWN IND LOUISVILLE KY 40223	VALUE GARDEN SUPPLY LLC RT 2 BOX 956 NEW CASTLE VA 24127	WAUPACA MATERIALS 832 ROTH STREET SIKESTON MO 63801
TRUGREEN L P PO BOX 396 SCOTT DEPOT WV 25560	VERDANT BRANDS INC 9555 JAMES AVE S BLOOMINGTON MN 55431	WAUPACA MATERIALS E3439 HWY 22 & 54 WAUPACA WI 54981
TRUSERV CORPORATION 8600 W BRYN MAWR AVE CHICAGO IL 60631	VICKSBURG CHEMICAL COMPANY PO BOX 821003 VICKSBURG MS 39182	WHEELABRATOR TECH 8201 EASTERN BLVD BALTIMORE MD 21224
TSM SERVICES INC PO BOX 860 CATLIN IL 61817	VOLUNTARY PURCHASING GROUP BOX 460 BONHAM TX 75418	SYNAGRO-WWT, INC 2101 S HAMILTON RD COLUMBUS OH 43232
TWO RIVERS AG SUPPLY 7158 ST RT 70E DRAKESBORO KY 42337	WARNER FERTILIZER CO. RT #4 ALBANY KY 42602	WILSON LAB 5300 HARVESTOR RD BURLINGTON ON CA L7L 5
UAP MIDSOUTH 57 GERMANTOWN RD CORDOVA TN 38018	WARNER FERTILIZER CO. BOX 87 CAMPBELLSVILL KY 42718	DORMAN WILSON & SON, INC. 4919 S HWY 837 NANCY KY 42544
UNCO INDUSTRIES INC 7802 OLD SPRING RACINE WI 53406	WARNER FERTILIZER CO. P.O. BOX 274 COLUMBIA KY 42728	WOODFORD FEED CO. PO BOX 116 VERSAILLES KY 40383
UNITED HORTICULTURAL SUPPLY 410 S WARE BLVD TAMPA FL 33619	WARNER FERTILIZER CO. P.O. BOX 188 E. BERNSTADT KY 40729	WOODSTREAM CORP 69 NORTH LOCUS ST LITITZ PA 17543
UNITED HORTICULTURAL SUPPLY 150 S MAIN ST FREMONT NE 68025	WARNER FERTILIZER CO PO BOX 1100 LIBERTY KY 42539	THE YARDEN CARE COMPANY PO BOX 6047 WIXOM MI 48393
UNITED HORTICULTURAL SUPPLY 57 GERMANTOWN CT MEMPHIS TN 38018	WARNER FERTILIZER CO. P.O. BOX 108 NANCY KY 42544	ZAHIGIAN, LYNNE CONSULTING 6650 WADE LANE STAGECOACH NV 89429
UNITED HORTICULTURAL SUPPLY 701 KANDERLY DR COLUMBUS OH 43228	WARNER FERTILIZER CO. P.O. BOX 80 RUSSELL SPRGS KY 42642	ZEOPONIX P.O. BOX 3595 BOULDER CO 80307
UNITED HORTICULTURAL SUPPLY 510 MARKWITH GREENVILLE OH 45331	WARNER FERTILIZER CO. P.O. BOX 796 SOMERSET KY 42502	
UNITED HORTICULTURAL SUPPLY P.O. BOX 275 MULBERRY FL 33860	WARNER FERTILIZER CO. BOX 441 STANFORD KY 40484	