

Regulatory Bulletin No. 318

Annual Report Analyses of Official Fertilizer Samples

July 2011 - June 2012

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Table of Contents

| | |
|---|------------|
| Introduction..... | 1 |
| Explanation of Tables..... | 1 |
| Investigational Allowances..... | 4 |
| Monetary Penalties..... | 6 |
| Maximum Chlorine Guarantee for Tobacco Fertilizers..... | 8 |
| Commercial Fertilizer Values For 2011 and 2012..... | 9 |
| Kentucky Official NPK Samples For 2011-2012..... | 10 |
| Summary of Certain Sample Characteristics by Form and by Type | |
| Kentucky Official NPK Samples For 2011-2012..... | 11 |
| Summary of Certain Characteristics Combined by Form and by Type | |
| Total Fertilizer Summary- July 2011 – June 2012..... | 12 |
| Table 1. Results of Total Nitrogen (N), Available Phosphate (P₂O₅) Soluble Potash (K₂O), and Excess Chlorine (Xs Cl) Analyses of Official Fertilizer Samples..... | 13 |
| Table 2. Results of the Analyses of Certain Official Samples for Secondary and Minor Elements, Water Insoluble Nitrogen (Win), Coated Slow Release (Csrn) and Occluded Slow Release Nitrogen (Osrn)..... | 94 |
| Table 3. Companies Registered and/or Licensed to Sell in Kentucky: As Of October 2012..... | 114 |

INTRODUCTION

This bulletin presents the results of the analysis of 2,526 official samples of commercial fertilizer taken during the period of July 1, 2011 through June 30, 2012 by the field inspection staff. The samples represented approximately 52,000 tons of fertilizer out of the approximately 972,786 tons sold during this period. The Laboratory made 2,157 nitrogen, 1,789 phosphorus, 1,955 potassium and 770 chloride, secondary and minor element and certain other analyses on these samples. The results of N, P₂O₅, K₂O, and maximum chloride analyses of samples of mixed fertilizers and fertilizer materials and certain statistical analyses are in Table 1. Table 2 contains the results of secondary and minor element and certain other analyses and Table 3 is a listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of September 2012.

EXPLANATION OF TABLES

Table 1.

Sample Data—

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3 Analysis of Official Fertilizer Samples in Kentucky June 2011 through July 2012

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

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

TYPE: The codes for type are:

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

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

MAT - A fertilizer material such as muriate of potash.

CM - A custom-mixed blended fertilizer.

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

Statistical Analyses --

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

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

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

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

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

Tables 2 and 3 - Self Explanatory

INVESTIGATIONAL ALLOWANCES

Primary Nutrients

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

| Guaranteed % | Total Nitrogen (N) % | Available Phosphate (P ₂ O ₅) % | Soluble Potash (K ₂ O) % |
|-----------------|-------------------------|---|--|
| 05 or less | 0.37 | 0.65 | 0.39 |
| 06 | 0.47 | 0.71 | 0.47 |
| 07 | 0.59 | 0.77 | 0.56 |
| 08 | 0.72 | 0.82 | 0.63 |
| 09 | 0.81 | 0.86 | 0.70 |
| 10 | 0.89 | 0.89 | 0.76 |
| 12 | 1.03 | 0.95 | 0.87 |
| 14 | 1.18 | 1.02 | 0.96 |
| 16 | 1.29 | 1.12 | 1.05 |
| 18 | 1.43 | 1.19 | 1.12 |
| 20 | 1.57 | 1.32 | 1.18 |
| 22 | 1.62 | 1.39 | 1.22 |
| 24 | 1.65 | 1.46 | 1.26 |
| 26 | 1.66 | 1.53 | 1.29 |
| 28 | 1.58 | 1.59 | 1.33 |
| 30 | 1.28 | 1.67 | 1.36 |
| 32 or more | 1.28 | 1.67 | 1.36 |

For guarantees not listed, calculate the appropriate value by interpolation.

5 Analysis of Official Fertilizer Samples in Kentucky June 2011 through July 2012

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

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

Secondary and Micro Nutrients

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

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

Relative Value (RV) and Maximum Chlorine (XSCL)

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

The investigational allowance for maximum chlorine is 0.5 percentage point.

MONETARY PENALTIES

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

PRIMARY NUTRIENTS AND RV

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

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

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

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

7 Analysis of Official Fertilizer Samples in Kentucky June 2011 through July 2012

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

SECONDARY AND MINOR ELEMENTS

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

EXCESS CHLORINE IN TOBACCO FERTILIZERS

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

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

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

Maximum Chlorine Guarantee for Tobacco Fertilizers

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

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

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
2011 and 2012**

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 | 2011 | 2012 |
|---|-------------------------------|----------|
| | Dollars/Unit (20 lbs.) | |
| Total Nitrogen (N) | \$11.21 | \$13.45 |
| Avail. Phosphate (P ₂ O ₅) | \$11.29 | \$11.16 |
| Soluble Potash (K ₂ O) | | |
| Tobacco (Low CL) | \$14.02 | \$14.82 |
| Non-Tobacco | \$9.13 | \$10.76 |
| Calcium (Ca) | \$12.43 | \$7.79 |
| Magnesium | \$20.11 | \$27.32 |
| Sulfur (S) | \$7.44 | \$8.54 |
| Boron (B) | \$77.85 | \$106.00 |
| Copper (Cu) | \$75.27 | \$43.17 |
| Iron (Fe) | \$13.00 | \$16.22 |
| Manganese (Mn) | \$31.66 | \$40.71 |
| Molybdenum (Mo) | \$20.20 | \$20.20 |
| Zinc (Zn) | \$40.23 | \$43.47 |

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

Official Kentucky NPK Samples 2011 – 2012
(Summary of Certain Sample Characteristics by Form and by Type)

By Form

BAG **Number of samples: 398**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 395 | 10 | 334 | 5 | 78 | 7 | 22 | 103 | 4 | 1,588 |

BULK **Number of samples: 2,046**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 1,707 | 1 | 1,426 | 3 | 1,543 | 3 | 5 | 101 | 24 | 48,930 |

LIQUID **Number of samples: 56**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 55 | 0 | 29 | 3 | 34 | 9 | 7 | 106 | 40 | 2,230 |

By Type

BLENDED GRADE **Number of samples: 353**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 350 | 10 | 304 | 6 | 342 | 7 | 22 | 103 | 6 | 2,041 |

MANUFACTURED **Number of samples: 87**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 86 | 1 | 59 | 2 | 69 | 12 | 11 | 111 | 14 | 1,261 |

MATERIAL **Number of Samples: 783**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 469 | 1 | 266 | 1 | 302 | 2 | 1 | 100 | 56 | 43,830 |

CUSTOM MIX **Number of samples: 1,277**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 1,252 | 2 | 1,160 | 3 | 1,242 | 3 | 7 | 101 | 4 | 5,616 |

Summary

NPK SAMPLES ONLY **Number of samples: 2,500**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 2,157 | 3 | 1,789 | 3 | 1,955 | 4 | 8 | 101 | 21 | 52,748 |

ALL SAMPLES **Number of samples: 2,526**

| N Tests | N Def. Rate | P Tests | P Def. Rate | K Tests | K Def. Rate | Sample Def. Rate | Rel. Val. Mean | Avg Lot Size/Sample | Total Tons Sampled |
|---------|-------------|---------|-------------|---------|-------------|------------------|----------------|---------------------|--------------------|
| 2,157 | 3 | 1,789 | 3 | 1,955 | 4 | 10 | 101 | 21 | 52,834 |

Kentucky Official NPK Samples 2011 – 2012
(Summary of Certain Sample Characteristics Combined by Form and Type)

Form: BAG

| Type: | Number of Samples | Samples % of Total | Tons Sampled | Tons Sampled % of Total | Sample Def. Rate % | Rel. Value Mean |
|---------------|--------------------------|---------------------------|---------------------|--------------------------------|---------------------------|------------------------|
| Blended Grade | 334 | 13 | 1,052 | 2 | 23 | 102 |
| Manufactured | 57 | 2 | 487 | 1 | 14 | 108 |
| Material | 7 | 0 | 49 | 0 | 29 | 94 |

Form: BULK

| Type: | Number of Samples | Samples % of Total | Tons Sampled | Tons Sampled % of Total | Sample Def. Rate % | Rel. Value Mean |
|---------------|--------------------------|---------------------------|---------------------|--------------------------------|---------------------------|------------------------|
| Blended Grade | 1 | 0 | 25 | 0 | 0 | 105 |
| Manufactured | 3 | 0 | 133 | 0 | 0 | 166 |
| Material | 10 | 0 | 619 | 1 | 0 | 100 |
| Custom Mix | 1276 | 51 | 5,611 | 11 | 7 | 101 |

Form: LIQUID

| Type: | Number of Samples | Samples % of Total | Tons Sampled | Tons Sampled % of Total | Sample Def. Rate % | Rel. Value Mean |
|---------------|--------------------------|---------------------------|---------------------|--------------------------------|---------------------------|------------------------|
| Blended Grade | 18 | 1 | 964 | 2 | 11 | 105 |
| Manufactured | 27 | 1 | 641 | 1 | 7 | 109 |
| Material | 10 | 0 | 619 | 1 | 0 | 100 |
| Custom Mix | 1 | 0 | 5 | 0 | 0 | 109 |

Total Fertilizer Summary
 Division of Regulatory Services University of Kentucky
 July 2011 through June 2012

| | Total | <u>Container</u> | | | <u>Use</u> | |
|----------------|-------------------|------------------|-------------------|-------------------|-------------------|------------------|
| | | Bag | Bulk | Liquid | Farm | Nonfarm |
| Multi-Nutrient | 347,914.94 | 70,836.25 | 257,120.32 | 19,958.37 | 331,758.38 | 16,156.55 |
| Nitrogen | 443,412.93 | 10,799.66 | 135,315.17 | 297,298.09 | 442,001.62 | 1,411.31 |
| Phosphate | 3,132.47 | 1,039.13 | 2,082.58 | 10.77 | 3,110.26 | 22.22 |
| Potash | 146,786.05 | 1,287.30 | 144,571.75 | 927.00 | 146,053.91 | 732.14 |
| Organics | 14,128.26 | 3,821.13 | 10,307.13 | 0.00 | 11,271.23 | 2,857.03 |
| Sec/Micro | 3,507.81 | 1,225.34 | 2,171.62 | 110.86 | 3,092.43 | 415.38 |
| Miscellaneous | 13,903.45 | -299.23 | 13,863.74 | 338.93 | 13,298.54 | 604.90 |
| Total | 972,785.91 | 88,709.58 | 565,432.30 | 318,644.02 | 950,586.37 | 22,199.54 |

Percentage by form:

| | |
|--------|--------|
| Bag | 9.11% |
| Bulk | 58.13% |
| Liquid | 32.76% |

Percentage by use:

| | |
|----------|-------|
| Farm | 97.7% |
| Non-Farm | 2.3% |

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

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|----------------------------------|---------------|---------|--------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| A.H. HOFFMAN | LANCASTER NY | 14086 | | | | | | |
| 12-12-12 | 22716 | 11.82 | 9.65 * | 10.41 * | | 89 * | Blend | Bag |
| ----- | | | | | | | | |
| ADVANCED TURF SOLUTIONS, INC | FISHERS IN | 46038 | | | | | | |
| 30-00-08 | 20625+ | 29.06 | 0.00 | 9.18 | | 100 | Blend | Bag |
| ----- | | | | | | | | |
| AG DISTRIBUTORS INC | HARDINBURG KY | 40143 | | | | | | |
| 00-00-21 | 20409 | 0.00 | 0.00 | 34.81 | | 165 | CM | Bulk |
| 00-00-21 | 20410 | 0.00 | 0.00 | 35.02 | | 166 | CM | Bulk |
| 00-00-50 | 21526 | 0.00 | 0.00 | 51.15 | | 102 | Mat | Bulk |
| 00-00-60 | 20093 | 0.00 | 0.00 | 60.76 | | 101 | Mat | Bulk |
| 00-00-60 | 21531 | 0.00 | 0.00 | 59.51 | | 99 | Mat | Bulk |
| 04-17-25 | 20411 | 4.27 | 18.57 | 25.69 | | 109 | CM | Bulk |
| 11-52-00 | 20091 | 10.76 | 52.12 | 0.00 | | 100 | Mat | Bulk |
| 11-52-00 | 20092 | 10.69 | 52.38 | 0.00 | | 100 | Mat | Bulk |
| 11-52-00 | 21528 | 11.11 | 51.46 | 0.00 | | 99 | Mat | Bulk |
| 11-52-00 | 21529 | 11.24 | 51.45 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21530 | 17.90 | 45.84 | 0.00 | | 100 | Mat | Bulk |
| 19-15-22 | 21535 | 19.65 | 15.89 | 22.15 | | 101 | CM | Bulk |
| 19-19-19 | 21537 | 19.29 | 19.32 | 19.88 | | 101 | CM | Bulk |
| 20-21-16 | 21532 | 19.80 | 21.76 | 16.72 | | 100 | CM | Bulk |
| 20-21-16 | 21533 | 20.21 | 21.00 | 16.77 | | 99 | CM | Bulk |
| 20-21-16 | 21534 | 20.45 | 21.73 | 16.16 | | 100 | CM | Bulk |
| 22-07-15 | 21538 | 21.65 | 7.72 | 17.02 | | 101 | CM | Bulk |
| 27-10-16 | 21536 | 27.86 | 10.33 | 15.35 | | 100 | CM | Bulk |
| 34-00-00 | 21527 | 33.33 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.03 | 100.55 | 111.51 | | | | |
| ALL SAMPLES,CV % | | 5.96 | 3.41 | 21.84 | | | | |
| NUMBER OF ANALYSIS | | 14 | 13 | 13 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AG DISTRIBUTORS, INC. | NASHVILLE TN | 37209 | | | | | | |
| 00-00-60 | 20570 | 0.00 | 0.00 | 61.32 | | 102 | Mat | Bulk |
| 00-00-60 | 21739 | 0.00 | 0.00 | 59.65 | | 99 | Mat | Bulk |
| 15-15-15 | 20560 | 13.42 * | 18.54 | 15.37 | | 104 | Blend | Bag |
| 18-46-00 | 21738 | 18.19 | 46.88 | 0.00 | | 102 | Mat | Bulk |
| 19-19-19 | 20888 | 17.83 | 20.74 | 19.78 | | 102 | Blend | Bag |
| 32-00-00 | 21580 | 31.88 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 34-00-00 | 21290 | 34.50 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 21285 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| AG/GRO FERTILIZER CO. (HILL ST.) | WINCHESTER KY | 40391 | | | | | | |
| 05-10-10 | 22354 | 5.03 | 9.38 | 10.03 | | 98 | Blend | Bag |
| 06-12-12 | 22353 | 5.92 | 11.18 | 13.32 | | 101 | Blend | Bag |
| 19-19-19 | 20572 | 18.52 | 19.50 | 19.26 | | 100 | Blend | Bag |
| 27-00-00 | 22177 | 26.59 | 0.00 | 0.00 | | 98 | Mat | Bag |
| 27-00-00 | 22343 | 27.07 | 0.00 | 0.00 | | 100 | Mat | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|-------|--------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| AG/GRO FERTILIZER CO. (HILL ST.) WINCHESTER KY 40391 | | | | | | | | |
| ----- | | | | | | | | |
| AGRI-CHEM INC (RUSS) RUSSELLVILLE KY 42276 | | | | | | | | |
| 09-23-30 | 21509 | 8.86 | 22.99 | 29.82 | | 99 | CM | Bulk |
| 09-25-27 | 21468 | 10.19 | 26.58 | 25.26 * | | 100 | CM | Bulk |
| 10-27-24 | 21473 | 10.60 | 27.83 | 24.19 | | 100 | CM | Bulk |
| 10-27-24 | 21474 | 10.52 | 27.56 | 24.29 | | 100 | CM | Bulk |
| 10-27-24 | 21475 | 10.73 | 27.45 | 24.25 | | 100 | CM | Bulk |
| 13-34-15 | 21046 | 13.16 | 33.82 | 15.71 | | 99 | CM | Bulk |
| 13-34-15 | 21047 | 13.56 | 33.92 | 15.88 | | 101 | CM | Bulk |
| 13-34-15 | 21048 | 13.54 | 34.10 | 15.42 | | 100 | CM | Bulk |
| 14-10-13 | 21467 | 14.36 | 11.40 | 13.52 | | 99 | CM | Bulk |
| 19-19-19 | 21045 | 19.55 | 19.72 | 19.55 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.23 | 100.88 | 100.69 | | | | |
| ALL SAMPLES,CV % | | 2.02 | 2.85 | 3.55 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRI-CHEM, INC (BARD) BARDWELL KY 42023 | | | | | | | | |
| 09-23-30 | 22125 | 9.23 | 23.35 | 30.26 | | 101 | CM | Bulk |
| 09-23-30 | 22126 | 9.10 | 23.65 | 30.24 | | 102 | CM | Bulk |
| 09-23-30 | 22127 | 8.72 | 22.19 | 31.51 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (HERN) HERNDON KY 42236 | | | | | | | | |
| 06-30-24 | 20145 | 6.84 | 31.26 | 26.01 | | 104 | CM | Bulk |
| 06-30-24 | 20148 | 6.86 | 31.41 | 25.69 | | 104 | CM | Bulk |
| 06-30-24 | 20149 | 6.88 | 31.55 | 25.66 | | 104 | CM | Bulk |
| 06-30-24 | 20169 | 6.75 | 31.56 | 25.91 | | 104 | CM | Bulk |
| 06-30-24 | 20170 | 6.70 | 31.39 | 26.14 | | 104 | CM | Bulk |
| Statistical Analysis for Grade : 06-30-24 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 6.81 | 31.43 | 25.88 | | 103.8 | | |
| CV, % | | 1.14 | 0.4 | 0.8 | | | | |
| 10-25-26 | 20146 | 9.74 | 25.68 | 27.30 | | 100 | CM | Bulk |
| 10-25-26 | 20147 | 9.61 | 25.71 | 27.40 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (HOPK) HOPKINSVILLE KY 42240 | | | | | | | | |
| 00-00-50 | 20972 | 0.00 | 0.00 | 51.72 | | 103 | Mat | Bulk |
| 04-12-15 | 20338 | 6.35 | 14.31 | 17.42 | | 117 | CM | Bulk |
| 05-14-14 | 20324 | 6.57 | 14.50 | 15.34 | | 104 | CM | Bulk |
| 06-16-16 | 20325 | 6.81 | 15.68 | 17.31 | | 101 | CM | Bulk |
| 06-16-16 | 20326 | 6.71 | 15.32 | 16.96 | | 99 | CM | Bulk |
| 10-25-25 | 20974+ | 10.18 | 25.13 | 25.08 | | 100 | CM | Bulk |
| 10-25-25 | 20975+ | 9.72 | 24.44 | 26.15 | | 100 | CM | Bulk |
| 10-26-25 | 20976 | 10.40 | 27.14 | 25.17 | | 101 | CM | Bulk |
| 10-26-26 | 20763 | 10.30 | 26.94 | 25.66 | | 101 | CM | Bulk |
| 10-26-26 | 20764 | 10.54 | 26.49 | 26.26 | | 102 | CM | Bulk |
| 11-29-21 | 20765 | 11.67 | 29.09 | 22.80 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|-----------------------|---------|--------|-------|------|------|------|
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (HOPK) | | HOPKINSVILLE KY 42240 | | | | | | |
| 16-41-00 | 20327+ | 16.71 | 42.16 | 0.00 | | 101 | CM | Bulk |
| 16-41-00 | 20329+ | 16.51 | 41.65 | 0.00 | | 100 | CM | Bulk |
| 28-00-00 | 20973 | 28.00 | 0.00 | 0.00 | | 100 | Mat | Liq |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 105.46 | 100.87 | 103.16 | | | | |
| ALL SAMPLES,CV % | | 9.03 | 6.24 | 3.83 | | | | |
| NUMBER OF ANALYSIS | | 13 | 12 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (TRENT) | | TRENTON KY 42286 | | | | | | |
| 08-21-31 | 21043+ | 8.43 | 21.73 | 30.77 | | 99 | CM | Bulk |
| 09-23-29 | 21044 | 9.47 | 23.02 | 30.16 | | 101 | CM | Bulk |
| 10-26-24 | 21041 | 10.80 | 27.02 | 24.98 | | 101 | CM | Bulk |
| 10-26-25 | 20457 | 9.99 | 25.73 | 26.81 | | 100 | CM | Bulk |
| 10-26-25 | 20458 | 10.41 | 26.57 | 25.86 | | 101 | CM | Bulk |
| 10-26-25 | 20459 | 10.25 | 26.74 | 25.92 | | 101 | CM | Bulk |
| 10-26-25 | 21042 | 10.28 | 25.41 | 26.91 | | 100 | CM | Bulk |
| 10-27-24 | 21038 | 11.00 | 27.77 | 23.61 | | 100 | CM | Bulk |
| 10-27-24 | 21039 | 11.07 | 26.69 | 24.57 | | 100 | CM | Bulk |
| 10-27-24 | 21040 | 10.90 | 26.97 | 24.75 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.98 | 99.28 | 101.44 | | | | |
| ALL SAMPLES,CV % | | 1.75 | 2.69 | 3.09 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRIENERGY RESOURCES | | PRINCETON IL 61356 | | | | | | |
| 00-00-04 | 22263 | 0.00 | 0.00 | 5.15 | | 129 | Mnfr | Liq |
| 02-00-01 | 22265 | 2.00 | 0.00 | 1.87 | | 125 | Mnfr | Liq |
| 02-00-02 | 22264 | 2.45 | 0.00 | 3.13 | | 138 | Mnfr | Liq |
| 02-10-10 | 22266+ | 3.64 | 10.93 | 10.92 | | 117 | Mnfr | Liq |
| 05-00-00 | 22268+ | 5.49 | 0.00 | 0.00 | | 110 | Mnfr | Liq |
| 23-00-00 | 22267 | 24.51 | 0.00 | 0.00 | | 107 | Mnfr | Liq |
| ----- | | | | | | | | |
| AGRIGRO FARM CTR, INC | | HARTFORD KY 42347 | | | | | | |
| 00-00-60 | 22078 | 0.00 | 0.00 | 60.19 | | 100 | Mat | Bulk |
| 00-46-00 | 22075 | 0.00 | 42.98 * | 0.00 | | 93 * | Mat | Bulk |
| 05-15-40 | 22384 | 6.48 | 15.66 | 40.01 | | 102 | CM | Bulk |
| 05-15-40 | 22387 | 6.17 | 16.79 | 39.77 | | 102 | CM | Bulk |
| 05-15-40 | 22388 | 5.96 | 15.72 | 41.26 | | 103 | CM | Bulk |
| 09-23-30 | 22079 | 8.54 | 22.87 | 30.07 | | 99 | CM | Bulk |
| 09-23-30 | 22080 | 8.42 | 22.86 | 30.23 | | 99 | CM | Bulk |
| 09-23-30 | 22082 | 9.23 | 23.76 | 29.16 | | 100 | CM | Bulk |
| 09-23-30 | 22083 | 8.87 | 23.51 | 29.90 | | 100 | CM | Bulk |
| 09-23-30 | 22386 | 9.03 | 24.83 | 30.10 | | 103 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|-------|--------|-------|-------|-------|------|------|
| ----- | | | | | | | | |
| AGRIGRO FARM CTR, INC HARTFORD KY 42347 | | | | | | | | |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 8.82 | 23.57 | 29.89 | | 100.4 | | |
| CV, % | | 3.82 | 3.44 | 1.42 | | | | |
| 18-46-00 | 22077 | 17.66 | 45.52 | 0.00 | | 99 | Mat | Bulk |
| 22-14-18 | 22385 | 22.25 | 15.31 | 18.86 | | 101 | CM | Bulk |
| 25-12-16 | 22081 | 24.38 | 13.60 | 17.07 | | 100 | CM | Bulk |
| 27-11-15 | 22389 | 28.13 | 13.46 | 14.63 | | 104 | CM | Bulk |
| 46-00-00 | 22076 | 46.14 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.99 | 104.07 | 99.85 | | | | |
| ALL SAMPLES, CV % | | 4.28 | 5.75 | 1.5 | | | | |
| NUMBER OF ANALYSIS | | 13 | 13 | 12 | | | | |
| Deficiency Rate = 6.67 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRIPORT TERMINAL EDDYVILLE KY 42038 | | | | | | | | |
| 00-00-60 | 20030 | 0.00 | 0.00 | 59.89 | | 100 | Mat | Bulk |
| 00-00-60 | 20039 | 0.00 | 0.00 | 60.97 | | 102 | Mat | Bulk |
| 00-00-60 | 20043 | 0.00 | 0.00 | 58.95 | | 98 | Mat | Bulk |
| 00-00-60 | 20337 | 0.00 | 0.00 | 59.86 | | 100 | Mat | Bulk |
| 00-00-60 | 20498 | 0.00 | 0.00 | 60.05 | | 100 | Mat | Bulk |
| 00-00-60 | 20499 | 0.00 | 0.00 | 60.87 | | 101 | Mat | Bulk |
| 00-00-60 | 20562 | 0.00 | 0.00 | 61.94 | | 103 | Mat | Bulk |
| 00-00-60 | 20653 | 0.00 | 0.00 | 61.42 | | 102 | Mat | Bulk |
| 00-00-60 | 20919 | 0.00 | 0.00 | 59.55 | | 99 | Mat | Bulk |
| 00-00-60 | 20970 | 0.00 | 0.00 | 61.61 | | 103 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.51 | | 100.9 | | |
| CV, % | | 0 | 0 | 1.63 | | | | |
| 08-21-32 | 21689 | 8.25 | 21.73 | 32.64 | | 101 | CM | Bulk |
| 08-21-32 | 21690 | 8.43 | 22.16 | 31.56 | | 101 | CM | Bulk |
| 09-23-30 | 20212 | 8.96 | 23.81 | 30.24 | | 102 | CM | Bulk |
| 09-23-30 | 20213 | 9.28 | 23.75 | 30.32 | | 102 | CM | Bulk |
| 09-23-30 | 20495 | 8.92 | 22.65 | 29.75 | | 99 | CM | Bulk |
| 09-23-30 | 21481 | 8.31 | 22.11 | 31.68 | | 100 | CM | Bulk |
| 09-23-30 | 21687 | 9.13 | 23.14 | 31.01 | | 102 | CM | Bulk |
| 09-23-30 | 21688 | 8.95 | 22.96 | 30.68 | | 101 | CM | Bulk |
| 09-23-30 | 21691 | 8.85 | 23.36 | 30.52 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 8.91 | 23.11 | 30.60 | | 101.0 | | |
| CV, % | | 3.41 | 2.62 | 2.01 | | | | |
| 10-26-25 | 20500 | 9.69 | 25.60 | 27.30 | | 100 | CM | Bulk |
| 11-52-00 | 20028 | 11.48 | 53.30 | 0.00 | | 103 | Mat | Bulk |
| 11-52-00 | 20038 | 11.57 | 52.80 | 0.00 | | 102 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| AGRIPORT TERMINAL EDDYVILLE KY 42038 | | | | | | | | |
| 11-52-00 | 20042 | 11.45 | 53.01 | 0.00 | | 102 | Mat | Bulk |
| 18-46-00 | 20029 | 17.51 | 45.73 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20330 | 18.30 | 45.71 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20497 | 17.90 | 45.70 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20561 | 17.84 | 45.69 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20651 | 17.67 | 45.62 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20652 | 17.97 | 46.24 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20918 | 17.74 | 46.23 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20971 | 17.85 | 45.49 | 0.00 | | 99 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 17.85 | 45.80 | 0.00 | | 99.4 | | |
| CV, % | | 1.3 | 0.61 | 0 | | | | |
| 25-15-15 | 21482 | 24.82 | 15.23 | 16.21 | | 101 | CM | Bulk |
| 28-00-00 | 20694 | 27.86 | 0.00 | 0.00 | | 100 | Blend | Liq |
| 32-00-00 | 20494 | 32.17 | 0.00 | 0.00 | | 101 | Mat | Liq |
| 32-00-00 | 21480 | 32.17 | 0.00 | 0.00 | | 101 | Mat | Liq |
| 46-00-00 | 20496 | 46.48 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 20917 | 46.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20969 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.83 | 100.45 | 101.67 | | | | |
| ALL SAMPLES,CV % | | 2.67 | 1.93 | 2.36 | | | | |
| NUMBER OF ANALYSIS | | 28 | 22 | 21 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRIUM ADVANCED TECHNOLOGIES US INC REESE MI 48757-9340 | | | | | | | | |
| 00-00-00 | 20829+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 21204+ | 0.00 | 0.00 | 0.00 | | | Blend | Bag |
| 00-00-00 | 21231+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 21768+ | 0.00 | 0.00 | 0.00 | | | Mnfr | Bag |
| 00-00-00 | 21928+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| Statistical Analysis for Grade : 00-00-00 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 0.00 | | 0.0 | | |
| CV, % | | 0 | 0 | 0 | | | | |
| 02-00-00 | 21929+ | 1.06 * | 0.00 | 0.00 | | 53 * | Mat | Bag |
| ----- | | | | | | | | |
| AGRIUM ADVANCED TECHNOLOGIES US INC LOVELAND CO 80538 | | | | | | | | |
| 00-00-60 | 20573 | 0.00 | 0.00 | 60.14 | | 100 | Mat | Bulk |
| 00-00-60 | 20574 | 0.00 | 0.00 | 59.91 | | 100 | Mat | Bulk |
| 00-00-60 | 20655 | 0.00 | 0.00 | 61.57 | | 103 | Mat | Bulk |
| 00-00-60 | 20656 | 0.00 | 0.00 | 61.45 | | 102 | Mat | Bulk |
| 18-46-00 | 20569 | 17.90 | 45.45 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20575 | 17.87 | 45.53 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20576 | 17.70 | 45.75 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 21123 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| AGRIUM ADVANCED TECHNOLOGIES US INC LOVELAND CO 80538 | | | | | | | | |
| ----- | | | | | | | | |
| AGRIUM U.S. INC. (DENV) DENVER CO 80237 | | | | | | | | |
| 00-00-50 | 21584 | 0.00 | 0.00 | 51.25 | | 102 | Mat | Bulk |
| 00-00-60 | 20654 | 0.00 | 0.00 | 61.81 | | 103 | Mat | Bulk |
| 00-00-60 | 20738 | 0.00 | 0.00 | 60.06 | | 100 | Mat | Bulk |
| 00-00-60 | 21436 | 0.00 | 0.00 | 59.36 | | 99 | Mat | Bulk |
| 00-00-60 | 21717 | 0.00 | 0.00 | 60.60 | | 101 | Mat | Bulk |
| 11-52-00 | 20740 | 10.33 | 51.98 | 0.00 | | 99 | Mat | Bulk |
| 15-05-10 | 20168+ | 14.88 | 4.86 | 10.63 | | 101 | Mat | Bulk |
| 15-05-10 | 21240+ | 14.68 | 5.74 | 9.19 * | | 99 | Mat | Bulk |
| 18-46-00 | 20657 | 17.72 | 46.19 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20739 | 17.66 | 46.16 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21435 | 17.53 | 45.71 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21716 | 17.84 | 45.90 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21732 | 17.92 | 46.70 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 21733 | 17.85 | 46.98 | 0.00 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 17.75 | 46.27 | 0.00 | | 100.0 | | |
| CV, % | | 0.82 | 1.04 | 0 | | | | |
| 44-00-00 | 20533 | 45.02 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 20564+ | 44.93 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 20632+ | 44.24 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 44-00-00 | 20725+ | 45.19 | 0.00 | 0.00 | | 103 | Mat | Bulk |
| 44-00-00 | 20735+ | 45.11 | 0.00 | 0.00 | | 103 | Mat | Bulk |
| 44-00-00 | 20760+ | 44.77 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 20774+ | 44.81 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 20812+ | 44.79 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 20872+ | 44.93 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 20899+ | 44.75 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 21205+ | 44.63 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 44-00-00 | 21241+ | 44.83 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 22139+ | 44.59 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 44-00-00 | 22325+ | 44.99 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 44-00-00 | 22577+ | 45.02 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| Statistical Analysis for Grade : 44-00-00 | | | | | | | | |
| Number of Samples This Grade : 15 | | | | | | | | |
| Average Analysis : | | 44.84 | 0.00 | 0.00 | | 101.9 | | |
| CV, % | | 0.53 | 0 | 0 | | | | |
| 46-00-00 | 21434 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21586 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.44 | 101.73 | 100.54 | | | | |
| ALL SAMPLES,CV % | | 2.09 | 5.01 | 4.46 | | | | |
| NUMBER OF ANALYSIS | | 26 | 9 | 7 | | | | |
| Deficiency Rate = 3.23 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRO CULTURE LIQUID FERT. ST. JOHNS MI 48879 | | | | | | | | |
| 02-01-06 | 21242 | 3.64 | 2.91 | 6.84 | | 151 | Blend | Liq |
| 02-01-06 | 22261 | 2.99 | 1.20 | 7.44 | | 130 | Mnfr | Liq |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|-----------------------|---------|---------|-------|-----|-------|------|
| ----- | | | | | | | | |
| AGRO CULTURE LIQUID FERT. | | ST. JOHNS MI 48879 | | | | | | |
| 09-24-03 | 20756+ | 11.67 | 20.54 * | 2.76 | | 99 | Blend | Liq |
| 09-24-03 | 21243+ | 9.35 | 25.05 | 2.51 * | | 103 | Blend | Liq |
| 09-24-03 | 22260 | 9.37 | 23.67 | 3.24 | | 101 | Mnfr | Liq |
| 09-24-03 | 22262 | 9.21 | 23.72 | 3.26 | | 101 | Mnfr | Liq |
| ----- | | | | | | | | |
| ALLEN COUNTY FARMERS SERVICE | | SCOTTSVILLE KY 42164 | | | | | | |
| 00-00-11 | 20915+ | 0.00 | 0.00 | 11.06 | | 103 | CM | Bulk |
| 17-00-37 | 20911 | 18.13 | 0.00 | 37.14 | | 101 | CM | Bulk |
| 19-19-19 | 20906 | 18.96 | 20.41 | 19.34 | | 101 | CM | Bulk |
| 19-19-19 | 20912 | 20.24 | 20.25 | 19.73 | | 104 | CM | Bulk |
| 19-19-19 | 20913 | 20.84 | 20.32 | 19.00 | | 104 | CM | Bulk |
| 22-18-13 | 20907 | 23.76 | 17.96 | 12.76 | | 101 | CM | Bulk |
| 22-18-13 | 20908 | 23.10 | 18.41 | 13.17 | | 101 | CM | Bulk |
| 24-16-12 | 20910+ | 25.29 | 16.91 | 11.68 | | 101 | CM | Bulk |
| 25-16-12 | 20914+ | 25.83 | 16.58 | 12.53 | | 102 | CM | Bulk |
| 25-16-12 | 20916+ | 27.50 | 15.95 | 11.65 * | | 100 | CM | Bulk |
| 31-09-12 | 20909 | 31.35 | 9.88 | 12.54 | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.38 | 102.54 | 98.65 | | | | |
| ALL SAMPLES,CV % | | 2.81 | 3.59 | 4.37 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| ANDERSON CO FARM SVC | | LAWRENCEBURG KY 40342 | | | | | | |
| 00-00-58 | 22196+ | 0.00 | 0.00 | 59.06 | | 101 | CM | Bulk |
| 00-00-60 | 22035 | 0.00 | 0.00 | 60.49 | | 101 | Mat | Bulk |
| 00-00-60 | 22194 | 0.00 | 0.00 | 60.76 | | 101 | Mat | Bulk |
| 18-46-00 | 22033 | 18.46 | 46.76 | 0.00 | | 102 | Mat | Bulk |
| 20-18-12 | 22195 | 21.36 | 17.54 | 11.16 | | 99 | CM | Bulk |
| 33-00-00 | 22034 | 33.81 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| ----- | | | | | | | | |
| BALLARD COUNTY COOPERATIVE | | LA CENTER KY 42056 | | | | | | |
| 00-00-60 | 20263 | 0.00 | 0.00 | 58.74 | | 98 | Mat | Bulk |
| 00-00-60 | 21779 | 0.00 | 0.00 | 60.56 | | 101 | Mat | Bulk |
| 04-12-15 | 20388 | 6.10 | 13.15 | 15.88 | | 108 | CM | Bulk |
| 09-23-30 | 20271 | 9.31 | 24.39 | 28.80 | | 101 | CM | Bulk |
| 09-23-30 | 21780 | 8.62 | 22.31 | 31.77 | | 101 | CM | Bulk |
| 09-23-30 | 21781 | 8.56 | 22.65 | 31.51 | | 101 | CM | Bulk |
| 09-23-30 | 21782 | 8.82 | 23.42 | 30.66 | | 101 | CM | Bulk |
| 15-17-18 | 21997 | 14.97 | 17.57 | 23.31 | | 108 | CM | Bulk |
| 15-17-22 | 21996 | 15.10 | 17.15 | 23.38 | | 101 | CM | Bulk |
| 18-46-00 | 20264 | 18.02 | 46.56 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 21778 | 17.80 | 45.81 | 0.00 | | 99 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|---------|--------|-------|-----|-------|------|
| ----- | | | | | | | | |
| BALLARD COUNTY COOPERATIVE LA CENTER KY 42056 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.92 | 101.56 | 104.08 | | | | |
| ALL SAMPLES,CV % | | 10.16 | 3.64 | 7.91 | | | | |
| NUMBER OF ANALYSIS | | 9 | 9 | 9 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| BANDANA AG INC. LA CENTER KY 42056-9807 | | | | | | | | |
| 00-00-50 | 21935 | 0.00 | 0.00 | 52.45 | | 105 | Mat | Bulk |
| 00-00-60 | 20266 | 0.00 | 0.00 | 60.91 | | 102 | Mat | Bulk |
| 00-00-60 | 21937 | 0.00 | 0.00 | 60.22 | | 100 | Mat | Bulk |
| 05-17-34 | 20389+ | 4.80 | 16.07 | 37.66 | | 103 | CM | Bulk |
| 06-15-40 | 20390 | 6.24 | 15.94 | 39.80 | | 101 | CM | Bulk |
| 07-19-34 | 20265 | 8.36 | 21.59 | 33.90 | | 104 | CM | Bulk |
| 07-19-34 | 20268 | 7.90 | 19.93 | 36.17 | | 103 | CM | Bulk |
| 08-21-32 | 20269 | 9.04 | 23.05 | 30.87 | | 102 | CM | Bulk |
| 08-21-32 | 20270 | 8.25 | 21.82 | 32.19 | | 101 | CM | Bulk |
| 09-23-30 | 21931 | 8.94 | 22.73 | 31.26 | | 101 | CM | Bulk |
| 09-23-30 | 21933 | 9.36 | 24.00 | 29.32 | | 101 | CM | Bulk |
| 09-23-30 | 21934 | 9.11 | 23.55 | 30.04 | | 101 | CM | Bulk |
| 14-18-24 | 21932 | 14.78 | 18.37 | 23.99 | | 102 | CM | Bulk |
| 18-46-00 | 20267 | 18.43 | 46.53 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 21936 | 17.97 | 45.73 | 0.00 | | 100 | Mat | Bulk |
| 21-09-16 | 21995 | 22.10 | 9.33 | 16.22 | | 102 | CM | Bulk |
| 34-00-00 | 21938 | 34.50 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.10 | 101.90 | 101.50 | | | | |
| ALL SAMPLES,CV % | | 3.8 | 3.87 | 3.47 | | | | |
| NUMBER OF ANALYSIS | | 14 | 13 | 14 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| BAYER ADVANCED, BU OF BCS LP RESEARCH TRIANGLE PK NC 27709 | | | | | | | | |
| 06-09-06 | 22754 | 6.03 | 9.13 | 7.10 | | 106 | Blend | Bag |
| ----- | | | | | | | | |
| BICKETT AGRI CTR. MORGANFIELD KY 42437 | | | | | | | | |
| 00-00-60 | 21961 | 0.00 | 0.00 | 60.79 | | 101 | Mat | Bulk |
| 18-46-00 | 21962 | 18.04 | 45.89 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21963 | 17.53 | 45.53 | 0.00 | | 98 | Mat | Bulk |
| ----- | | | | | | | | |
| BICKETT AGRI CTR. CENTRAL CITY KY 42330 | | | | | | | | |
| 09-23-30 | 21848 | 7.98 * | 20.67 * | 34.19 | | 101 | CM | Bulk |
| 09-23-30 | 21849 | 9.98 | 25.87 | 30.03 | | 106 | CM | Bulk |
| 09-23-30 | 21850 | 8.43 | 21.60 | 31.22 | | 99 | CM | Bulk |
| 09-23-30 | 21851 | 8.53 | 21.90 | 30.98 | | 99 | CM | Bulk |
| 09-23-30 | 21852 | 8.84 | 23.03 | 31.23 | | 102 | CM | Bulk |
| 09-23-30 | 21853 | 9.42 | 24.14 | 29.43 | | 102 | CM | Bulk |
| 09-23-30 | 21854 | 8.88 | 23.62 | 31.30 | | 103 | CM | Bulk |
| 09-23-30 | 21855 | 9.13 | 24.41 | 29.57 | | 102 | CM | Bulk |
| 09-23-30 | 21856 | 8.78 | 23.39 | 31.40 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|---------|-------|-------|-------|------|
| BICKETT AGRI CTR. CENTRAL CITY KY 42330 | | | | | | | | |
| 09-23-30 | 21857 | 8.95 | 24.04 | 30.78 | | 103 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 8.89 | 23.27 | 31.01 | | 101.8 | | |
| CV, % | | 6.18 | 6.57 | 4.3 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.80 | 101.16 | 103.38 | | | | |
| ALL SAMPLES,CV % | | 6.18 | 6.57 | 4.3 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| BLACK GOLD ENVIROSAFE INC OXFORD FL 34484 | | | | | | | | |
| 08-05-05 | 21070+ | 8.38 | 6.46 | 4.25 * | | 106 | Blend | Bag |
| BLOOMFIELD FERTILIZER CHEM CO., INC BLOOMFIELD KY 40008-0370 | | | | | | | | |
| 08-22-28 | 21595 | 9.91 | 25.49 | 28.34 | | 108 | CM | Bulk |
| 08-22-28 | 21596 | 9.14 | 23.86 | 26.77 | | 101 | CM | Bulk |
| 19-00-34 | 21591 | 21.96 | 0.00 | 32.36 * | | 101 | CM | Bulk |
| 19-00-34 | 21592 | 20.64 | 0.00 | 32.90 * | | 100 | CM | Bulk |
| 39-00-08 | 21587 | 40.73 | 0.00 | 7.24 * | | 101 | CM | Bulk |
| 39-00-08 | 21588 | 40.26 | 0.00 | 8.25 | | 101 | CM | Bulk |
| 39-00-08 | 21589 | 39.60 | 0.00 | 8.98 | | 101 | CM | Bulk |
| 39-00-08 | 21590 | 39.60 | 0.00 | 8.83 | | 101 | CM | Bulk |
| 39-00-08 | 21593 | 39.40 | 0.00 | 8.85 | | 100 | CM | Bulk |
| 39-00-08 | 21594 | 40.57 | 0.00 | 7.40 * | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 39-00-08 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 40.03 | 0.00 | 8.26 | | 100.8 | | |
| CV, % | | 1.41 | 0 | 9.33 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.70 | 110.03 | 96.17 | | | | |
| ALL SAMPLES,CV % | | 4.8 | 4.67 | 7.28 | | | | |
| NUMBER OF ANALYSIS | | 10 | 2 | 10 | | | | |
| Deficiency Rate = 40.00 % | | | | | | | | |
| BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004 | | | | | | | | |
| 08-22-28 | 21600+ | 8.27 | 21.68 | 29.51 | | 99 | CM | Bulk |
| 19-19-18 | 21603 | 19.78 | 19.09 | 19.15 | | 100 | CM | Bulk |
| 22-00-29 | 21977 | 23.12 | 0.00 | 29.69 | | 100 | CM | Bulk |
| 27-11-15 | 21980 | 26.59 | 11.54 | 16.27 | | 100 | CM | Bulk |
| 27-14-13 | 21602 | 27.33 | 14.10 | 12.86 | | 99 | CM | Bulk |
| 28-11-14 | 21978 | 27.62 | 11.59 | 15.53 | | 102 | CM | Bulk |
| 28-11-14 | 21979 | 27.10 | 11.49 | 15.15 | | 100 | CM | Bulk |
| 28-11-14 | 21981 | 27.08 | 11.55 | 15.60 | | 101 | CM | Bulk |
| 28-11-14 | 21982 | 27.55 | 11.30 | 15.28 | | 101 | CM | Bulk |
| 38-13-00 | 21601 | 37.17 | 13.31 | 0.00 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.25 | 100.98 | 103.45 | | | | |
| ALL SAMPLES,CV % | | 2.02 | 2.43 | 4.03 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 9 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| BONIDE PRODUCTS, INC. ORISKANY NY 13424 | | | | | | | | |
| 03-10-03 | 21441 | 3.03 | 10.29 | 3.36 | | 104 | Blend | Liq |
| 10-10-10 | 21440 | 9.91 | 10.03 | 10.11 | | 100 | Blend | Liq |
| ----- | | | | | | | | |
| BONNIE PLANTS UNION SPRINGS AL 36085 | | | | | | | | |
| 08-04-04 | 21843 | 8.19 | 4.28 | 4.02 | | 103 | Mnfr | Liq |
| ----- | | | | | | | | |
| C & F FARM SUPPLY, INC. HISEVILLE KY 42152 | | | | | | | | |
| 04-11-45 | 20932 | 4.87 | 11.40 | 45.39 | | 101 | CM | Bulk |
| 10-10-10 | 20669 | 10.39 | 11.35 | 11.41 | | 100 | CM | Bulk |
| 11-15-33 | 20935 | 11.80 | 15.70 | 33.59 | | 102 | CM | Bulk |
| 12-12-12 | 20670 | 12.21 | 13.36 | 12.05 | | 101 | CM | Bulk |
| 21-17-14 | 20936+ | 23.06 | 18.48 | 14.10 | | 103 | CM | Bulk |
| 21-17-14 | 20937+ | 23.04 | 17.95 | 14.06 | | 102 | CM | Bulk |
| 21-18-14 | 20938+ | 22.30 | 18.57 | 14.39 | | 102 | CM | Bulk |
| 21-18-14 | 20939+ | 22.81 | 19.32 | 14.92 | | 106 | CM | Bulk |
| 27-13-13 | 20933 | 27.38 | 14.09 | 13.48 | | 101 | CM | Bulk |
| 30-00-19 | 20934 | 30.40 | 0.00 | 20.76 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.07 | 103.30 | 100.70 | | | | |
| ALL SAMPLES,CV % | | 4.73 | 2.7 | 2.9 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| C. D. POORE FERTILIZER ALBANY KY 42602 | | | | | | | | |
| 00-00-60 | 20684 | 0.00 | 0.00 | 60.04 | | 100 | Mat | Bulk |
| 10-10-10 | 21252 | 6.96 * | 8.14 * | 8.56 * | | 78 * | Blend | Bag |
| 17-17-17 | 21255 | 17.27 | 17.21 | 19.11 | | 100 | CM | Bulk |
| 17-17-17 | 21258 | 16.65 | 17.08 | 17.23 | | 100 | CM | Bulk |
| 17-17-17 | 21260 | 17.88 | 17.43 | 18.26 | | 101 | CM | Bulk |
| 18-08-12 | 21254 | 17.11 | 7.98 | 14.01 | | 99 | CM | Bulk |
| 18-46-00 | 20687 | 17.79 | 45.97 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 21253 | 18.01 | 20.22 | 19.90 | | 101 | Blend | Bag |
| 19-19-19 | 21259 | 18.47 | 20.71 | 20.68 | | 102 | CM | Bulk |
| 19-19-19 | 21262 | 19.70 | 19.04 | 20.61 | | 102 | CM | Bulk |
| 24-13-17 | 21261 | 23.75 | 13.21 | 19.11 | | 101 | CM | Bulk |
| 25-11-17 | 21256 | 25.20 | 11.54 | 17.98 | | 100 | CM | Bulk |
| 25-11-17 | 21257 | 25.18 | 11.51 | 17.49 | | 99 | CM | Bulk |
| 28-00-23 | 21263 | 27.60 | 0.00 | 24.58 | | 101 | CM | Bulk |
| 34-00-00 | 20685 | 34.21 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 20686 | 45.86 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|-------|--------|---------|-------|-------|-------|------|
| C. D. POORE FERTILIZER ALBANY KY 42602 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.05 | 99.20 | 103.37 | | | | |
| ALL SAMPLES,CV % | | 8.02 | 6.44 | 6.3 | | | | |
| NUMBER OF ANALYSIS | | 15 | 12 | 13 | | | | |
| Deficiency Rate = 6.25 % | | | | | | | | |
| CAMERON CHEMICALS, INC. PORTSMOUTH VA 23702-2313 | | | | | | | | |
| 00-00-00 | 20003+ | 0.00 | 0.00 | 0.00 | | | Mnfr | Bag |
| 00-00-00 | 20328+ | 0.00 | 0.00 | 0.00 | | | Mnfr | Bag |
| 00-00-00 | 20512+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 21195+ | 0.00 | 0.00 | 0.00 | | | Blend | Bag |
| 00-00-00 | 21990+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 21991+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 21992+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| Statistical Analysis for Grade : 00-00-00 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 0.00 | | 0.0 | | |
| CV, % | | 0 | 0 | 0 | | | | |
| CANEEVILLE MILLING CO CANEEVILLE KY 42721 | | | | | | | | |
| 09-09-09 | 21747 | 9.45 | 9.04 | 8.79 * | | 95 * | CM | Bulk |
| 09-23-28 | 21432 | 9.74 | 25.15 | 27.04 * | | 100 | CM | Bulk |
| 09-23-30 | 21748 | 9.15 | 23.88 | 29.84 | | 101 | CM | Bulk |
| 19-19-19 | 21741 | 19.66 | 20.15 | 19.39 | | 102 | CM | Bulk |
| 19-19-19 | 21742 | 18.77 | 18.54 | 21.02 | | 101 | CM | Bulk |
| 19-19-19 | 21743 | 19.38 | 19.45 | 20.19 | | 101 | CM | Bulk |
| 19-19-19 | 21744 | 18.94 | 19.07 | 20.45 | | 100 | CM | Bulk |
| 19-19-19 | 21745 | 18.73 | 19.47 | 19.94 | | 100 | CM | Bulk |
| 19-19-19 | 21746 | 19.00 | 19.93 | 19.81 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 19.08 | 19.44 | 20.13 | | 100.8 | | |
| CV, % | | 1.92 | 2.99 | 2.8 | | | | |
| 20-17-19 | 21433 | 20.44 | 18.47 | 18.41 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.54 | 101.33 | 100.34 | | | | |
| ALL SAMPLES,CV % | | 2.34 | 4.01 | 5.59 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 20.00 % | | | | | | | | |
| CAROLINA SOIL CO. KINSTON NC 28503 | | | | | | | | |
| 06-11-11 | 20949 | 5.54 | 12.98 | 13.26 | | 112 | Mnfr | Liq |
| CECILIA FARM SVC INC. CECILIA KY 42724 | | | | | | | | |
| 02-07-50 | 21014 | 2.85 | 7.86 | 49.28 | | 99 | CM | Bulk |
| 10-26-25 | 21011 | 10.93 | 25.35 | 25.31 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|--------|--------|---------|-------|-------|------|------|
| CECILIA FARM SVC INC. CECILIA KY 42724 | | | | | | | | |
| 10-26-25 | 21012 | 11.45 | 25.57 | 24.93 | | 100 | CM | Bulk |
| 10-26-25 | 21015 | 10.06 | 25.05 | 26.43 | | 99 | CM | Bulk |
| 10-26-25 | 21016 | 10.71 | 26.37 | 25.14 | | 100 | CM | Bulk |
| 19-09-26 | 21018 | 18.48 | 11.41 | 26.79 | | 101 | CM | Bulk |
| 24-14-14 | 21017 | 24.35 | 15.54 | 14.52 | | 102 | CM | Bulk |
| 28-10-13 | 21019 | 28.92 | 12.28 | 13.15 | | 102 | CM | Bulk |
| 29-11-11 | 21013 | 29.96 | 12.82 | 11.33 | | 101 | CM | Bulk |
| 31-10-10 | 21010 | 32.71 | 10.26 | 10.10 | | 101 | CM | Bulk |
| 46-00-00 | 20741 | 46.14 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.67 | 104.11 | 97.91 | | | | |
| ALL SAMPLES,CV % | | 5.05 | 7.06 | 2.51 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CEN FARMERS SUP. OF GREEN GREENSBURG KY 42743 | | | | | | | | |
| 17-17-17 | 21567 | 19.65 | 16.85 | 14.70 * | | 97 | CM | Bulk |
| 17-17-17 | 21570 | 20.75 | 18.62 | 11.79 * | | 98 | CM | Bulk |
| 18-17-17 | 21960 | 18.98 | 17.38 | 16.48 | | 100 | CM | Bulk |
| 19-19-19 | 21566 | 20.65 | 20.02 | 17.43 * | | 101 | CM | Bulk |
| 19-19-19 | 21568 | 20.48 | 20.74 | 16.25 * | | 100 | CM | Bulk |
| 19-19-19 | 21569 | 20.95 | 20.50 | 16.34 * | | 100 | CM | Bulk |
| 19-19-19 | 21572 | 20.01 | 20.12 | 17.36 * | | 99 | CM | Bulk |
| 19-19-19 | 22107 | 19.36 | 18.97 | 20.92 | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 20.29 | 20.07 | 17.66 | | 100.3 | | |
| CV, % | | 3.06 | 3.39 | 10.79 | | | | |
| 22-12-12 | 21571 | 24.71 | 12.16 | 8.29 * | | 96 * | CM | Bulk |
| 23-16-16 | 21575 | 25.19 | 17.74 | 12.75 * | | 100 | CM | Bulk |
| 27-13-13 | 21574 | 30.58 | 14.05 | 9.93 * | | 101 | CM | Bulk |
| 29-06-16 | 22106 | 28.99 | 7.09 | 17.45 | | 102 | CM | Bulk |
| 29-11-11 | 21573 | 31.13 | 12.22 | 9.26 * | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 106.87 | 102.43 | 84.62 | | | | |
| ALL SAMPLES,CV % | | 4.56 | 4.63 | 15.45 | | | | |
| NUMBER OF ANALYSIS | | 13 | 13 | 13 | | | | |
| Deficiency Rate = 76.92 % | | | | | | | | |
| CENTRAL CROP CARE CRAB ORCHARD KY 40419 | | | | | | | | |
| 00-00-60 | 21058 | 0.00 | 0.00 | 60.81 | | 101 | Mat | Bulk |
| 18-46-00 | 21056 | 17.78 | 45.13 | 0.00 | | 98 | Mat | Bulk |
| 46-00-00 | 21057 | 45.77 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| CENTRAL KENTUCKY CROP SERVICE ST. FRANCIS KY 40062 | | | | | | | | |
| 00-00-60 | 20712 | 0.00 | 0.00 | 60.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20711 | 17.61 | 46.03 | 0.00 | | 99 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|-------------------------|--------|--------|-------|-----|-------|------|
| ----- | | | | | | | | |
| CENTRAL KENTUCKY CROP SERVICE | | ST. FRANCIS KY 40062 | | | | | | |
| 19-19-19 | 21301 | 19.10 | 19.25 | 19.79 | | 100 | CM | Bulk |
| 19-19-19 | 21302 | 19.55 | 19.64 | 19.73 | | 101 | CM | Bulk |
| 19-19-19 | 21304 | 19.14 | 18.55 | 20.47 | | 100 | CM | Bulk |
| 24-17-14 | 21300 | 24.70 | 17.14 | 14.51 | | 100 | CM | Bulk |
| 27-11-15 | 21303 | 28.92 | 12.04 | 15.27 | | 104 | CM | Bulk |
| 46-00-00 | 20710 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| CGB FERTILIZER | | JEFFERSONVILLE IN 47130 | | | | | | |
| 00-00-50 | 21905 | 0.00 | 0.00 | 52.40 | | 105 | Mat | Bulk |
| 00-00-60 | 21585 | 0.00 | 0.00 | 60.46 | | 101 | Mat | Bulk |
| 00-00-60 | 21902 | 0.00 | 0.00 | 59.62 | | 99 | Mat | Bulk |
| 00-00-60 | 21906 | 0.00 | 0.00 | 60.88 | | 101 | Mat | Bulk |
| 18-46-00 | 20608 | 17.81 | 46.13 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21284 | 17.89 | 46.57 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 21583 | 17.85 | 45.82 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21899 | 17.97 | 46.51 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20610 | 33.38 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 21903 | 33.46 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 34-00-00 | 21904 | 33.52 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 20609 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21900 | 46.07 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21901 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22679 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.48 | 100.56 | 101.60 | | | | |
| ALL SAMPLES,CV % | | 0.63 | 0.76 | 2.26 | | | | |
| NUMBER OF ANALYSIS | | 11 | 4 | 4 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CHATTA CREEK RESOURCES | | CLEVELAND TN | | | | | | |
| 17-00-05 | 22364 | 18.93 | 0.00 | 5.07 | | 109 | Blend | Bag |
| ----- | | | | | | | | |
| CLEMENTS AG SUPP. | | SPRINGFIELD KY 40069 | | | | | | |
| 00-00-60 | 22043 | 0.00 | 0.00 | 59.92 | | 100 | Mat | Bulk |
| 06-00-40 | 22047+ | 6.66 | 0.00 | 42.00 | | 102 | CM | Bulk |
| 09-23-30 | 22253 | 8.68 | 23.23 | 30.31 | | 100 | CM | Bulk |
| 16-00-13 | 22048 | 16.29 | 0.00 | 13.20 | | 100 | CM | Bulk |
| 16-00-13 | 22049 | 15.97 | 0.00 | 14.49 | | 102 | CM | Bulk |
| 16-11-30 | 22046 | 15.72 | 11.59 | 30.81 | | 101 | CM | Bulk |
| 17-16-16 | 22254 | 16.37 | 16.96 | 17.39 | | 102 | CM | Bulk |
| 17-16-16 | 22255 | 16.67 | 17.42 | 16.12 | | 102 | CM | Bulk |
| 18-46-00 | 22042 | 18.18 | 46.30 | 0.00 | | 101 | Mat | Bulk |
| 20-16-10 | 22252 | 20.37 | 15.83 | 10.36 | | 101 | CM | Bulk |
| 21-00-00 | 22044 | 21.00 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 23-00-30 | 22045 | 22.50 | 0.00 | 32.31 | | 103 | CM | Bulk |
| 30-00-20 | 21122 | 31.55 | 0.00 | 19.40 | | 101 | CM | Bulk |
| 46-00-00 | 22041 | 46.07 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|---------|-------|-----|-------|------|
| ----- | | | | | | | | |
| CLEMENTS AG SUPP. SPRINGFIELD KY 40069 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.23 | 102.28 | 102.54 | | | | |
| ALL SAMPLES,CV % | | 1.92 | 2.21 | 3.97 | | | | |
| NUMBER OF ANALYSIS | | 13 | 6 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CLEMENTS AG SUPPLY (DANV) DANVILLE KY 40422 | | | | | | | | |
| 00-00-60 | 22743 | 0.00 | 0.00 | 60.80 | | 101 | Mat | Bulk |
| 05-14-25 | 22052 | 5.57 | 13.80 | 25.00 | | 100 | CM | Bulk |
| 05-14-25 | 22053 | 5.44 | 14.22 | 25.24 | | 101 | CM | Bulk |
| 10-10-10 | 22050 | 10.12 | 10.13 | 10.17 | | 101 | CM | Bulk |
| 18-46-00 | 22741 | 17.98 | 45.40 | 0.00 | | 99 | Mat | Bulk |
| 19-19-19 | 22256 | 20.30 | 19.40 | 16.97 * | | 100 | Blend | Bag |
| 19-19-19 | 22740 | 18.13 | 18.46 | 19.68 | | 98 | Blend | Bag |
| 23-00-30 | 22051 | 25.01 | 0.00 | 27.46 * | | 100 | CM | Bulk |
| 46-00-00 | 22742 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| CNI AGRIMINERALS, LLC ALBANY GA 31706 | | | | | | | | |
| 00-00-00 | 21394+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 22582+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| ----- | | | | | | | | |
| COMMUNITY FARM STORE, LLC SALEM KY 42078 | | | | | | | | |
| 00-00-60 | 21807 | 0.00 | 0.00 | 61.08 | | 102 | Mat | Bulk |
| 06-15-40 | 22239 | 5.55 | 14.32 | 41.74 | | 100 | CM | Bulk |
| 07-20-33 | 22238 | 7.59 | 20.76 | 33.17 | | 100 | CM | Bulk |
| 09-23-30 | 21801 | 8.45 | 22.55 | 30.90 | | 100 | CM | Bulk |
| 09-23-30 | 22235 | 8.60 | 22.40 | 30.72 | | 99 | CM | Bulk |
| 09-23-30 | 22236 | 9.13 | 24.00 | 28.92 | | 100 | CM | Bulk |
| 13-18-24 | 22237 | 14.43 | 22.13 | 20.78 * | | 101 | CM | Bulk |
| 17-15-20 | 21802 | 16.88 | 16.00 | 19.84 | | 100 | CM | Bulk |
| 17-15-20 | 21803 | 21.00 | 15.86 | 19.76 | | 108 | CM | Bulk |
| 18-46-00 | 21806 | 17.75 | 45.62 | 0.00 | | 99 | Mat | Bulk |
| 20-12-16 | 22234 | 20.64 | 11.72 | 16.29 | | 99 | CM | Bulk |
| 34-00-00 | 21808 | 33.54 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 21805 | 46.15 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.23 | 101.46 | 98.91 | | | | |
| ALL SAMPLES,CV % | | 7.5 | 7.1 | 5.48 | | | | |
| NUMBER OF ANALYSIS | | 12 | 10 | 10 | | | | |
| Deficiency Rate = 7.69 % | | | | | | | | |
| ----- | | | | | | | | |
| CORBIN FARM & GARDEN CTR. CORBIN KY 40701 | | | | | | | | |
| 05-20-20 | 21834 | 7.59 | 19.87 | 20.92 | | 109 | Blend | Bag |
| 06-12-12 | 21835 | 6.47 | 12.66 | 12.71 | | 106 | Blend | Bag |
| 10-10-10 | 21833 | 10.16 | 10.66 | 10.96 | | 106 | Blend | Bag |
| 19-19-19 | 21832 | 19.09 | 18.32 | 19.21 | | 99 | Blend | Bag |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (CADIZ) CADIZ KY 42211 | | | | | | | | |
| 17-17-17 | 21693 | 17.36 | 17.63 | 17.64 | | 100 | CM | Bulk |
| 19-09-24 | 20966 | 20.17 | 9.58 | 25.44 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|-------|--------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (CADIZ) CADIZ KY 42211 | | | | | | | | |
| 19-19-19 | 21483 | 18.79 | 18.58 | 20.66 | | 100 | CM | Bulk |
| 27-13-13 | 21484 | 26.86 | 12.85 | 15.10 | | 100 | CM | Bulk |
| 37-10-00 | 21692 | 37.64 | 11.31 | 0.00 | | 100 | CM | Bulk |
| 37-10-00 | 21695 | 38.02 | 11.01 | 0.00 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (ALL) ALLENSVILLE KY 42204 | | | | | | | | |
| 09-29-21 | 20258 | 8.66 | 28.69 | 22.40 | | 101 | CM | Bulk |
| 09-29-21 | 20259 | 9.49 | 31.15 | 20.95 | | 105 | CM | Bulk |
| 09-31-19 | 20257 | 9.34 | 30.83 | 19.94 | | 101 | CM | Bulk |
| 10-27-23 | 20187 | 10.90 | 28.68 | 23.47 | | 101 | CM | Bulk |
| 10-27-23 | 20188 | 10.29 | 28.55 | 23.64 | | 100 | CM | Bulk |
| 13-32-14 | 20510+ | 12.96 | 33.66 | 13.97 | | 103 | CM | Bulk |
| 13-32-14 | 20511+ | 12.66 | 33.31 | 11.15 * | | 98 | CM | Bulk |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (CAMP) CAMPBELLSVILLE KY 42719 | | | | | | | | |
| 13-13-12 | 21171 | 13.44 | 13.45 | 13.37 | | 102 | CM | Bulk |
| 14-10-09 | 21169 | 13.10 | 10.08 | 11.24 | | 100 | CM | Bulk |
| 18-19-19 | 21170 | 17.85 | 20.38 | 19.00 | | 101 | CM | Bulk |
| 18-19-19 | 21179 | 18.75 | 18.40 | 18.90 | | 99 | CM | Bulk |
| 18-19-19 | 21180 | 17.76 | 19.48 | 19.18 | | 100 | CM | Bulk |
| 18-19-19 | 21186 | 17.72 | 19.70 | 19.60 | | 101 | CM | Bulk |
| 19-19-18 | 21176 | 19.24 | 19.75 | 19.41 | | 100 | CM | Bulk |
| 19-19-19 | 21177 | 18.78 | 19.05 | 20.52 | | 100 | CM | Bulk |
| 27-11-14 | 21185 | 26.02 | 11.97 | 16.35 | | 101 | CM | Bulk |
| 27-11-15 | 21178 | 26.92 | 12.03 | 15.84 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.57 | 101.68 | 104.56 | | | | |
| ALL SAMPLES,CV % | | 2.75 | 3.11 | 4.32 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (CLA) CLAY KY 42404-2167 | | | | | | | | |
| 09-23-30 | 21964 | 8.96 | 23.48 | 30.07 | | 101 | CM | Bulk |
| 09-23-30 | 22054 | 8.87 | 22.72 | 31.16 | | 101 | CM | Bulk |
| 09-23-30 | 22055 | 8.64 | 22.26 | 31.61 | | 101 | CM | Bulk |
| 09-23-30 | 22056 | 8.77 | 22.41 | 31.40 | | 101 | CM | Bulk |
| 09-23-30 | 22057 | 8.89 | 22.82 | 31.05 | | 101 | CM | Bulk |
| 09-23-30 | 22058 | 8.95 | 23.07 | 30.24 | | 100 | CM | Bulk |
| 09-23-30 | 22060 | 8.80 | 22.53 | 31.15 | | 101 | CM | Bulk |
| 09-23-30 | 22061 | 9.39 | 24.16 | 29.50 | | 102 | CM | Bulk |
| 09-23-30 | 22062 | 8.99 | 23.74 | 30.61 | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 8.92 | 23.02 | 30.75 | | 101.0 | | |
| CV, % | | 2.34 | 2.81 | 2.27 | | | | |
| 28-10-14 | 22059 | 28.04 | 10.99 | 14.80 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|---------|---------|-------|-----|------|------|
| CROP PRODUCTION SVC (CLA) CLAY KY 42404-2167 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.03 | 100.19 | 102.64 | | | | |
| ALL SAMPLES,CV % | | 2.21 | 2.67 | 2.17 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (CLAR) CLARKSON KY 42726 | | | | | | | | |
| 00-18-36 | 20881 | 0.00 | 19.96 | 36.86 | | 104 | CM | Bulk |
| 07-19-33 | 20873 | 7.56 | 19.81 | 35.03 | | 101 | CM | Bulk |
| 07-19-35 | 20875 | 6.93 | 19.81 | 35.14 | | 100 | CM | Bulk |
| 18-13-25 | 20876 | 18.45 | 13.71 | 25.54 | | 101 | CM | Bulk |
| 18-13-25 | 20877 | 18.47 | 13.46 | 25.20 | | 100 | CM | Bulk |
| 19-18-18 | 20874 | 18.95 | 19.03 | 19.06 | | 99 | CM | Bulk |
| 20-11-23 | 21021 | 21.01 | 12.07 | 24.18 | | 103 | CM | Bulk |
| 20-11-23 | 21022 | 20.81 | 11.59 | 23.59 | | 101 | CM | Bulk |
| 21-15-20 | 20878 | 20.73 | 16.65 | 19.72 | | 101 | CM | Bulk |
| 21-15-20 | 20879 | 21.22 | 16.40 | 19.44 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.71 | 103.64 | 100.60 | | | | |
| ALL SAMPLES,CV % | | 2.95 | 3.59 | 2.31 | | | | |
| NUMBER OF ANALYSIS | | 9 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (CYN) CYNTHIANA KY 41031 | | | | | | | | |
| 03-07-46 | 22688+ | 2.57 * | 6.19 * | 47.71 | | 98 | CM | Bulk |
| 15-00-05 | 22669 | 15.53 | 0.00 | 5.57 | | 104 | CM | Bulk |
| 15-00-17 | 22671 | 15.42 | 0.00 | 18.15 | | 102 | CM | Bulk |
| 15-00-20 | 22670 | 15.15 | 0.00 | 21.99 | | 105 | CM | Bulk |
| 15-38-11 | 21837 | 14.29 | 37.18 | 12.07 | | 100 | CM | Bulk |
| 18-13-20 | 22676 | 18.00 | 11.93 * | 22.41 | | 100 | CM | Bulk |
| 21-00-07 | 21838+ | 22.40 | 0.00 | 7.04 | | 104 | CM | Bulk |
| 22-09-24 | 22672 | 21.81 | 7.46 * | 25.99 | | 100 | CM | Bulk |
| 25-03-19 | 22673 | 25.92 | 2.99 | 20.76 | | 102 | CM | Bulk |
| 25-04-19 | 22674 | 25.87 | 3.48 | 20.68 | | 102 | CM | Bulk |
| 33-04-12 | 22313 | 32.94 | 4.36 | 13.75 | | 101 | CM | Bulk |
| 35-00-13 | 22311 | 38.84 | 0.00 | 10.14 * | | 101 | CM | Bulk |
| 35-00-13 | 22312 | 35.57 | 0.00 | 15.15 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.04 | 88.31 | 105.44 | | | | |
| ALL SAMPLES,CV % | | 5.99 | 8.3 | 9.32 | | | | |
| NUMBER OF ANALYSIS | | 13 | 7 | 13 | | | | |
| Deficiency Rate = 30.77 % | | | | | | | | |
| CROP PRODUCTION SVC (EKR) EKRON KY 40117 | | | | | | | | |
| 08-21-26 | 21332+ | 8.83 | 22.49 | 27.35 | | 104 | CM | Bulk |
| 08-21-26 | 21337+ | 8.63 | 21.71 | 27.15 | | 101 | CM | Bulk |
| 11-28-22 | 21331 | 10.59 | 27.33 | 24.65 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------------------|--------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (EKR) | | EKRON KY 40117 | | | | | | |
| 18-18-18 | 21334+ | 17.90 | 19.28 | 19.79 | | 103 | CM | Bulk |
| 18-18-18 | 21335 | 17.93 | 18.57 | 19.67 | | 101 | CM | Bulk |
| 19-12-24 | 21338 | 18.79 | 12.73 | 26.05 | | 101 | CM | Bulk |
| 19-19-19 | 21330 | 19.69 | 19.61 | 19.43 | | 101 | CM | Bulk |
| 22-17-16 | 21336 | 22.19 | 17.06 | 17.73 | | 100 | CM | Bulk |
| 24-15-16 | 21333 | 24.31 | 14.82 | 16.82 | | 100 | CM | Bulk |
| 27-30-00 | 21329 | 26.93 | 30.46 | 0.00 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.65 | 100.37 | 105.26 | | | | |
| ALL SAMPLES, CV % | | 2.96 | 3.05 | 2.39 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 9 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (FANC) | | FANCY FARM KY 42039 | | | | | | |
| 04-11-14 | 20281 | 5.53 | 11.98 | 13.56 * | | 102 | CM | Bulk |
| 08-20-26 | 22001+ | 7.81 | 19.41 | 25.82 | | 99 | CM | Bulk |
| 09-14-28 | 22002+ | 8.22 | 14.22 | 28.98 | | 101 | CM | Bulk |
| 09-14-28 | 22003+ | 8.31 | 14.71 | 29.63 | | 103 | CM | Bulk |
| 09-23-30 | 20967 | 9.07 | 23.00 | 30.46 | | 101 | CM | Bulk |
| 09-23-30 | 21685 | 9.47 | 24.71 | 29.82 | | 103 | CM | Bulk |
| 09-23-30 | 21686 | 9.23 | 23.65 | 29.70 | | 101 | CM | Bulk |
| 09-23-30 | 22004 | 8.70 | 23.23 | 30.30 | | 100 | CM | Bulk |
| 09-23-30 | 22005 | 8.83 | 22.66 | 30.56 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 9.06 | 23.45 | 30.17 | | 101.1 | | |
| CV, % | | 3.4 | 3.37 | 1.28 | | | | |
| 26-10-13 | 21998 | 25.37 | 9.74 | 12.63 | | 99 | CM | Bulk |
| 26-10-13 | 21999 | 24.29 | 9.11 | 15.59 | | 100 | CM | Bulk |
| 26-11-15 | 22000 | 25.58 | 11.04 | 16.81 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.96 | 100.41 | 103.13 | | | | |
| ALL SAMPLES, CV % | | 8.34 | 4.06 | 7.4 | | | | |
| NUMBER OF ANALYSIS | | 12 | 12 | 12 | | | | |
| Deficiency Rate = 8.33 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (FELTY) | | BEAVER DAM KY 42320 | | | | | | |
| 05-15-39 | 20404 | 5.82 | 15.65 | 40.55 | | 101 | CM | Bulk |
| 05-15-39 | 20405 | 6.26 | 16.23 | 39.66 | | 102 | CM | Bulk |
| 09-19-31 | 22151 | 9.67 | 19.66 | 33.29 | | 102 | CM | Bulk |
| 09-19-31 | 22153 | 9.72 | 20.03 | 32.67 | | 102 | CM | Bulk |
| 09-19-31 | 22219 | 9.45 | 19.48 | 32.76 | | 101 | CM | Bulk |
| 09-23-30 | 22152 | 8.94 | 23.19 | 31.28 | | 102 | CM | Bulk |
| 10-19-31 | 22150+ | 9.25 | 18.43 | 32.61 | | 102 | CM | Bulk |
| 10-21-28 | 22147+ | 10.43 | 20.71 | 29.10 | | 101 | CM | Bulk |
| 10-21-28 | 22148+ | 10.72 | 21.37 | 28.37 | | 102 | CM | Bulk |
| 10-21-28 | 22149+ | 10.36 | 20.53 | 29.90 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|--------|-------|-----|------|------|
| CROP PRODUCTION SVC (FELTY) BEAVER DAM KY 42320 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.95 | 101.11 | 103.23 | | | | |
| ALL SAMPLES,CV % | | 3.01 | 2.47 | 2.17 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (FRA) FRANKLIN KY 42134 | | | | | | | | |
| 03-07-44 | 20693 | 2.76 | 6.47 | 45.44 | | 101 | CM | Bulk |
| 05-12-16 | 20335 | 5.33 | 11.50 | 18.17 | | 104 | CM | Bulk |
| 05-12-16 | 20336 | 5.38 | 11.94 | 17.06 | | 102 | CM | Bulk |
| 07-18-16 | 20380 | 8.16 | 20.07 | 17.91 | | 108 | CM | Bulk |
| 09-23-30 | 20331 | 8.88 | 22.22 | 31.45 | | 100 | CM | Bulk |
| 10-26-26 | 20697 | 10.05 | 26.06 | 26.69 | | 101 | CM | Bulk |
| 14-16-21 | 21034 | 15.61 | 15.18 * | 22.09 | | 101 | CM | Bulk |
| 21-18-17 | 20692 | 21.41 | 19.27 | 17.71 | | 102 | CM | Bulk |
| 28-06-17 | 21035 | 29.41 | 6.44 | 16.80 | | 101 | CM | Bulk |
| 40-09-00 | 20698 | 40.44 | 9.17 | 0.00 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.03 | 97.95 | 104.52 | | | | |
| ALL SAMPLES,CV % | | 4.64 | 4.43 | 3.73 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 9 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| CROP PRODUCTION SVC (GLEN) GLENDALE KY 42740 | | | | | | | | |
| 04-11-23 | 20376 | 5.02 | 11.22 | 23.77 | | 100 | CM | Bulk |
| 04-11-23 | 20377 | 5.14 | 11.73 | 22.50 | | 99 | CM | Bulk |
| 06-17-37 | 20320 | 6.63 | 17.79 | 37.34 | | 101 | CM | Bulk |
| 06-17-37 | 20321 | 6.81 | 17.77 | 37.34 | | 101 | CM | Bulk |
| 08-20-33 | 21776+ | 7.46 | 19.39 | 32.99 | | 100 | CM | Bulk |
| 11-21-27 | 20318 | 11.47 | 21.01 | 29.34 | | 101 | CM | Bulk |
| 11-21-27 | 20319 | 11.68 | 22.13 | 28.15 | | 102 | CM | Bulk |
| 11-23-26 | 21751 | 11.27 | 23.11 | 27.29 | | 100 | CM | Bulk |
| 11-23-26 | 21752 | 11.46 | 23.64 | 27.35 | | 102 | CM | Bulk |
| 14-20-24 | 20375 | 15.14 | 20.80 | 24.49 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.16 | 100.60 | 100.66 | | | | |
| ALL SAMPLES,CV % | | 4.57 | 3.03 | 2.43 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (GUTH) GUTHRIE KY 42234 | | | | | | | | |
| 06-16-15 | 20332 | 8.07 | 18.75 | 16.33 | | 111 | CM | Bulk |
| 06-16-15 | 20333 | 7.36 | 17.36 | 16.38 | | 105 | CM | Bulk |
| 06-16-15 | 20334 | 7.15 | 16.58 | 16.72 | | 104 | CM | Bulk |
| 10-27-24 | 20189 | 10.46 | 27.94 | 24.12 | | 100 | CM | Bulk |
| 10-27-24 | 20190 | 10.54 | 28.11 | 24.10 | | 101 | CM | Bulk |
| 10-27-24 | 20191 | 10.55 | 28.87 | 23.53 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|-------|-------|--------|-------|-------|------|------|
| CROP PRODUCTION SVC (GUTH) GUTHRIE KY 42234 | | | | | | | | |
| CROP PRODUCTION SVC (HARD) HARDIN KY 42048 | | | | | | | | |
| 04-11-45 | 21820 | 4.37 | 11.65 | 45.93 | | 101 | CM | Bulk |
| 07-18-36 | 21821 | 6.71 | 18.32 | 37.32 | | 101 | CM | Bulk |
| 08-22-29 | 21809 | 8.64 | 22.83 | 29.96 | | 99 | CM | Bulk |
| 08-22-29 | 21810 | 8.47 | 22.37 | 30.79 | | 100 | CM | Bulk |
| 08-22-29 | 21811 | 8.80 | 23.19 | 29.58 | | 100 | CM | Bulk |
| 08-22-29 | 21817 | 8.57 | 22.77 | 30.83 | | 100 | CM | Bulk |
| 08-22-29 | 21818 | 8.88 | 23.09 | 29.68 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 08-22-29 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 8.67 | 22.85 | 30.17 | | 99.8 | | |
| CV, % | | 1.93 | 1.4 | 2 | | | | |
| 09-23-30 | 21819 | 8.92 | 23.32 | 30.04 | | 100 | CM | Bulk |
| 16-18-24 | 21816 | 15.71 | 17.90 | 25.67 | | 101 | CM | Bulk |
| CROP PRODUCTION SVC (HENDERSON) HENDERSON KY 42420 | | | | | | | | |
| 00-22-30 | 20345 | 0.00 | 23.51 | 30.36 | | 102 | CM | Bulk |
| 00-22-30 | 20346 | 0.00 | 22.66 | 30.90 | | 101 | CM | Bulk |
| 00-22-30 | 20347 | 0.00 | 21.78 | 32.25 | | 101 | CM | Bulk |
| 00-22-30 | 20348 | 0.00 | 22.24 | 32.04 | | 102 | CM | Bulk |
| 00-23-30 | 20455 | 0.00 | 23.36 | 29.98 | | 101 | CM | Bulk |
| 00-23-30 | 20456 | 0.00 | 22.82 | 30.69 | | 101 | CM | Bulk |
| 08-22-30 | 20450 | 8.68 | 21.98 | 31.36 | | 100 | CM | Bulk |
| 08-22-30 | 20451 | 8.79 | 22.09 | 30.99 | | 100 | CM | Bulk |
| 08-22-30 | 20452 | 8.77 | 22.81 | 30.59 | | 101 | CM | Bulk |
| 08-22-30 | 20453 | 8.67 | 21.92 | 31.66 | | 100 | CM | Bulk |
| 08-22-30 | 20454 | 9.10 | 23.50 | 29.53 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 08-22-30 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 8.80 | 22.46 | 30.83 | | 100.4 | | |
| CV, % | | 1.99 | 3.04 | 2.69 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.98 | 99.80 | 101.96 | | | | |
| ALL SAMPLES,CV % | | 1.77 | 2.62 | 2.72 | | | | |
| NUMBER OF ANALYSIS | | 5 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (HOD) HODGENVILLE KY 42748 | | | | | | | | |
| 04-12-42 | 20808+ | 5.54 | 14.08 | 41.16 | | 102 | CM | Bulk |
| 05-13-15 | 20815 | 5.31 | 13.63 | 15.97 | | 102 | CM | Bulk |
| 05-13-15 | 20816 | 5.41 | 13.52 | 15.67 | | 101 | CM | Bulk |
| 06-15-17 | 20814 | 6.88 | 16.64 | 17.80 | | 104 | CM | Bulk |
| 07-18-36 | 20432 | 7.50 | 19.25 | 35.99 | | 103 | CM | Bulk |
| 07-20-33 | 20431 | 7.58 | 20.54 | 33.87 | | 101 | CM | Bulk |
| 08-20-26 | 20807 | 8.46 | 21.12 | 27.53 | | 104 | CM | Bulk |
| 09-24-28 | 20513 | 9.15 | 24.93 | 28.90 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-----|------|------|
| CROP PRODUCTION SVC (HOD) HODGENVILLE KY 42748 | | | | | | | | |
| 09-24-28 | 20516 | 9.45 | 25.41 | 27.67 | | 101 | CM | Bulk |
| 09-24-28 | 20517 | 9.50 | 24.95 | 29.02 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.05 | 104.15 | 100.74 | | | | |
| ALL SAMPLES,CV % | | 5.2 | 2.91 | 1.92 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (HOR) HORSECAVE KY 42749 | | | | | | | | |
| 06-16-37 | 20940+ | 6.69 | 15.06 | 38.62 | | 101 | CM | Bulk |
| 06-16-37 | 20941+ | 6.81 | 16.69 | 36.64 | | 101 | CM | Bulk |
| 06-16-37 | 20942+ | 6.40 | 16.12 | 38.08 | | 102 | CM | Bulk |
| 24-15-15 | 21227 | 24.18 | 15.65 | 15.97 | | 100 | CM | Bulk |
| 24-15-15 | 21228 | 23.70 | 15.96 | 16.40 | | 100 | CM | Bulk |
| 27-13-13 | 21224 | 27.10 | 12.81 | 14.38 | | 100 | CM | Bulk |
| 27-13-13 | 21225 | 26.78 | 13.21 | 13.75 | | 99 | CM | Bulk |
| 27-13-13 | 21226 | 26.78 | 13.18 | 14.78 | | 100 | CM | Bulk |
| 27-13-13 | 21230 | 27.24 | 13.41 | 13.99 | | 100 | CM | Bulk |
| 29-11-11 | 21229 | 30.98 | 10.97 | 12.32 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.58 | 97.35 | 102.75 | | | | |
| ALL SAMPLES,CV % | | 3.44 | 3.54 | 2.73 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (KEVIL) KEVIL KY 42053-0112 | | | | | | | | |
| 08-21-32 | 22123 | 8.15 | 21.31 | 33.55 | | 102 | CM | Bulk |
| 09-23-30 | 22124 | 9.38 | 23.87 | 29.81 | | 102 | CM | Bulk |
| CROP PRODUCTION SVC (LEB) LEBANON KY 40033 | | | | | | | | |
| 11-08-24 | 21097 | 10.80 | 7.34 | 24.90 | | 100 | CM | Bulk |
| 11-08-24 | 21098 | 11.00 | 8.19 | 24.30 | | 102 | CM | Bulk |
| 11-08-24 | 21099 | 10.94 | 7.42 | 24.27 | | 100 | CM | Bulk |
| 12-11-14 | 21089 | 12.67 | 11.95 | 14.88 | | 102 | CM | Bulk |
| 12-11-14 | 21090 | 12.20 | 11.61 | 14.58 | | 99 | CM | Bulk |
| 12-11-14 | 21091 | 12.27 | 11.64 | 14.62 | | 100 | CM | Bulk |
| 19-19-19 | 21093 | 19.28 | 18.72 | 19.62 | | 99 | CM | Bulk |
| 27-11-15 | 21094 | 26.93 | 12.83 | 14.96 | | 101 | CM | Bulk |
| 27-11-15 | 21095 | 27.00 | 11.47 | 15.95 | | 100 | CM | Bulk |
| 27-11-15 | 21096 | 27.50 | 12.42 | 14.37 | | 101 | CM | Bulk |
| 29-12-12 | 21092 | 30.43 | 12.49 | 11.14 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.64 | 100.96 | 99.79 | | | | |
| ALL SAMPLES,CV % | | 2.03 | 5.88 | 3.83 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (MAD) MADISONVILLE KY 42431 | | | | | | | | |
| 05-14-40 | 20339+ | 5.33 | 13.47 | 41.74 | | 101 | CM | Bulk |
| 05-14-40 | 20340+ | 5.57 | 13.87 | 41.08 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|-----------------------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (MAD) | | MADISONVILLE KY 42431 | | | | | | |
| 09-23-30 | 22271 | 8.91 | 23.61 | 29.84 | | 101 | CM | Bulk |
| 09-23-30 | 22272 | 8.89 | 23.42 | 30.33 | | 101 | CM | Bulk |
| 09-23-30 | 22273 | 8.93 | 23.08 | 30.35 | | 101 | CM | Bulk |
| 09-23-30 | 22274 | 8.90 | 23.07 | 30.19 | | 100 | CM | Bulk |
| 10-13-17 | 20341 | 10.98 | 13.70 | 17.72 | | 100 | CM | Bulk |
| 31-09-12 | 22382 | 30.31 | 9.71 | 13.22 | | 101 | CM | Bulk |
| 31-09-12 | 22383 | 30.18 | 9.73 | 13.16 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (MOR) | | MORGANFIELD KY 42437 | | | | | | |
| 05-15-21 | 20246 | 6.28 | 14.93 | 22.60 | | 103 | CM | Bulk |
| 05-15-21 | 20251 | 6.43 | 15.64 | 22.53 | | 105 | CM | Bulk |
| 05-15-21 | 20252 | 6.37 | 15.76 | 22.32 | | 105 | CM | Bulk |
| 05-17-31 | 20253+ | 5.61 | 18.90 | 31.58 | | 102 | CM | Bulk |
| 05-18-32 | 20254+ | 4.80 * | 17.02 | 33.68 | | 100 | CM | Bulk |
| 05-18-32 | 20255+ | 5.36 | 17.80 | 33.69 | | 103 | CM | Bulk |
| 05-18-32 | 20256+ | 5.09 | 17.23 | 33.61 | | 101 | CM | Bulk |
| 08-21-32 | 20247 | 8.48 | 21.00 | 32.81 | | 101 | CM | Bulk |
| 08-21-32 | 20248 | 8.35 | 21.03 | 33.21 | | 101 | CM | Bulk |
| 08-21-32 | 20249 | 8.57 | 22.26 | 32.37 | | 102 | CM | Bulk |
| 08-21-32 | 20250 | 8.27 | 21.96 | 32.88 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.60 | 100.97 | 103.44 | | | | |
| ALL SAMPLES,CV % | | 5.56 | 3.5 | 2.06 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (OBORO) | | OWENSBORO KY 42301 | | | | | | |
| 05-02-43 | 20416+ | 5.16 | 1.98 | 43.70 | | 102 | CM | Bulk |
| 06-12-21 | 20425+ | 6.70 | 13.01 | 20.68 | | 105 | CM | Bulk |
| 06-12-40 | 20419+ | 5.59 | 11.49 | 41.66 | | 101 | CM | Bulk |
| 06-12-40 | 20420+ | 5.72 | 12.00 | 40.54 | | 100 | CM | Bulk |
| 06-13-21 | 20417+ | 6.50 | 12.72 | 22.17 | | 106 | CM | Bulk |
| 06-13-21 | 20418+ | 6.29 | 13.19 | 22.52 | | 107 | CM | Bulk |
| 09-19-31 | 20421+ | 8.31 | 18.41 | 32.52 | | 101 | CM | Bulk |
| 09-19-31 | 20422+ | 8.69 | 19.92 | 30.53 | | 101 | CM | Bulk |
| 17-37-02 | 20423+ | 16.65 | 37.98 | 2.54 | | 102 | CM | Bulk |
| 17-38-02 | 20424+ | 16.95 | 37.88 | 2.35 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.86 | 103.09 | 107.14 | | | | |
| ALL SAMPLES,CV % | | 8.15 | 6.21 | 8.25 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (OWBO) | | OWENSBORO KY 42301 | | | | | | |
| 09-23-30 | 22322 | 8.54 | 22.29 | 32.28 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (PEM) | | PEMBROKE KY 42266 | | | | | | |
| 06-16-16 | 20322 | 7.01 | 16.03 | 17.61 | | 100 | CM | Bulk |
| 06-16-16 | 20323 | 7.18 | 16.35 | 17.13 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|----------------------------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (PEM) | | PEMBROKE KY 42266 | | | | | | |
| 09-23-30 | 20831 | 9.20 | 24.31 | 29.61 | | 102 | CM | Bulk |
| 09-23-30 | 20832 | 8.77 | 24.03 | 30.01 | | 101 | CM | Bulk |
| 10-27-23 | 20835+ | 10.18 | 26.86 | 22.99 | | 100 | CM | Bulk |
| 10-27-23 | 20836+ | 11.06 | 27.90 | 22.05 | | 102 | CM | Bulk |
| 11-30-20 | 20143 | 11.96 | 31.30 | 20.57 | | 102 | CM | Bulk |
| 11-30-20 | 20144 | 12.40 | 31.80 | 19.63 | | 102 | CM | Bulk |
| 15-20-20 | 20828 | 15.49 | 20.83 | 19.95 | | 101 | CM | Bulk |
| 17-20-20 | 20834 | 17.45 | 20.54 | 22.03 | | 102 | CM | Bulk |
| 22-17-17 | 20837 | 23.42 | 17.46 | 16.55 | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.43 | 101.71 | 100.06 | | | | |
| ALL SAMPLES,CV % | | 3.42 | 3.57 | 3.15 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (POOL) | | POOLE KY 42444 | | | | | | |
| 08-20-26 | 22593+ | 7.63 | 19.47 | 26.66 | | 102 | CM | Bulk |
| 09-23-30 | 22327 | 8.76 | 22.88 | 31.25 | | 101 | CM | Bulk |
| 09-23-30 | 22328 | 8.92 | 22.92 | 30.76 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (RUS) | | RUSSELLVILLE KY 42276 | | | | | | |
| 07-24-24 | 20260+ | 7.01 | 24.59 | 24.10 | | 101 | CM | Bulk |
| 07-24-24 | 20261+ | 7.25 | 24.40 | 24.39 | | 102 | CM | Bulk |
| 07-24-24 | 20262+ | 7.16 | 24.10 | 24.51 | | 101 | CM | Bulk |
| 10-26-26 | 20209 | 10.85 | 28.88 | 25.33 | | 105 | CM | Bulk |
| 10-26-26 | 20210 | 10.24 | 27.01 | 26.20 | | 102 | CM | Bulk |
| 10-26-26 | 20211 | 10.32 | 27.11 | 25.81 | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC (RUSSEL) | | RUSSELLVILLE KY 42276-0008 | | | | | | |
| 09-24-18 | 21461+ | 9.36 | 24.48 | 17.46 | | 101 | CM | Bulk |
| 09-24-18 | 21462+ | 9.46 | 24.14 | 18.39 | | 103 | CM | Bulk |
| 09-24-18 | 21463+ | 9.33 | 24.08 | 18.68 | | 103 | CM | Bulk |
| 09-24-18 | 21464+ | 9.31 | 23.66 | 18.00 | | 101 | CM | Bulk |
| 09-24-18 | 21465+ | 9.45 | 23.95 | 18.63 | | 103 | CM | Bulk |
| 09-24-18 | 21466+ | 8.83 | 23.52 | 18.32 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 09-24-18 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 9.29 | 23.97 | 18.25 | | 101.7 | | |
| CV, % | | 2.52 | 1.45 | 2.5 | | | | |
| 11-29-22 | 21457 | 11.97 | 29.49 | 22.04 | | 102 | CM | Bulk |
| 11-29-22 | 21458 | 11.43 | 29.31 | 22.04 | | 100 | CM | Bulk |
| 11-29-22 | 21459 | 11.37 | 29.20 | 22.16 | | 100 | CM | Bulk |
| 11-29-22 | 21460 | 11.09 | 28.81 | 22.29 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|---------|-------|-------|------|------|
| CROP PRODUCTION SVC (RUSSEL) RUSSELLVILLE KY 42276-0008 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.50 | 100.96 | 102.09 | | | | |
| ALL SAMPLES,CV % | | 2.65 | 1.28 | 2.53 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (SAC) SACRAMENTO KY 42372 | | | | | | | | |
| 07-18-36 | 22088 | 6.85 | 18.18 | 36.23 | | 99 | CM | Bulk |
| 08-20-26 | 22089+ | 7.47 | 19.10 | 26.77 | | 99 | CM | Bulk |
| 08-20-26 | 22090+ | 7.67 | 19.34 | 25.73 | | 98 | CM | Bulk |
| 08-20-26 | 22092+ | 7.56 | 19.39 | 25.87 | | 98 | CM | Bulk |
| 08-20-26 | 22093+ | 7.54 | 19.34 | 25.67 | | 98 | CM | Bulk |
| 09-23-30 | 22091 | 8.44 | 22.26 | 30.45 | | 98 | CM | Bulk |
| 09-23-30 | 22136 | 8.96 | 22.49 | 31.47 | | 101 | CM | Bulk |
| 09-23-30 | 22137 | 9.01 | 22.37 | 31.10 | | 101 | CM | Bulk |
| CROP PRODUCTION SVC (SCHOC) RUSSELLVILLE KY 42276 | | | | | | | | |
| 09-23-30 | 20208 | 8.69 | 23.24 | 30.16 | | 100 | CM | Bulk |
| 10-24-24 | 20178 | 9.48 | 25.22 | 24.69 | | 102 | CM | Bulk |
| 10-24-24 | 20182 | 9.57 | 25.48 | 24.06 | | 101 | CM | Bulk |
| 10-24-24 | 20183 | 9.74 | 25.12 | 24.27 | | 101 | CM | Bulk |
| 10-24-24 | 20184 | 9.40 | 26.16 | 23.45 | | 101 | CM | Bulk |
| 10-24-24 | 20185 | 9.76 | 25.87 | 24.59 | | 103 | CM | Bulk |
| 10-24-24 | 20186 | 9.88 | 25.74 | 24.74 | | 103 | CM | Bulk |
| Statistical Analysis for Grade : 10-24-24 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 9.64 | 25.60 | 24.30 | | 102.1 | | |
| CV, % | | 1.91 | 1.56 | 2.03 | | | | |
| 16-40-00 | 20179 | 15.70 | 41.79 | 0.00 | | 103 | CM | Bulk |
| 16-40-00 | 20180 | 15.69 | 41.03 | 0.00 | | 102 | CM | Bulk |
| 16-40-00 | 20181 | 14.96 | 40.88 | 0.00 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.81 | 103.95 | 99.39 | | | | |
| ALL SAMPLES,CV % | | 2.46 | 1.8 | 1.91 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 7 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (SED) SEDALIA KY 42079 | | | | | | | | |
| 04-11-15 | 20395 | 5.13 | 11.91 | 15.16 | | 101 | CM | Bulk |
| 04-11-15 | 20396 | 4.97 | 12.63 | 15.34 | | 104 | CM | Bulk |
| 04-11-16 | 20392 | 5.54 | 13.46 | 14.95 * | | 105 | CM | Bulk |
| 04-11-16 | 20393 | 5.37 | 13.50 | 15.81 | | 107 | CM | Bulk |
| 04-11-16 | 20394 | 5.17 | 12.81 | 15.52 | | 103 | CM | Bulk |
| 09-23-30 | 22120 | 9.06 | 23.62 | 29.82 | | 101 | CM | Bulk |
| 09-23-30 | 22121 | 9.10 | 23.86 | 29.48 | | 101 | CM | Bulk |
| CROP PRODUCTION SVC (SHEL) SHELBYVILLE KY 40066 | | | | | | | | |
| 17-06-10 | 22022 | 18.46 | 6.37 | 10.98 | | 104 | CM | Bulk |
| 17-06-10 | 22023 | 19.34 | 6.62 | 10.82 | | 107 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|--------|-------|-----|------|------|
| CROP PRODUCTION SVC (SHEL) SHELBYVILLE KY 40066 | | | | | | | | |
| 20-00-28 | 22428 | 20.95 | 0.00 | 28.91 | | 102 | CM | Bulk |
| 23-13-18 | 22018 | 23.64 | 13.20 | 18.78 | | 100 | CM | Bulk |
| 23-13-18 | 22019 | 23.46 | 12.33 * | 18.68 | | 98 | CM | Bulk |
| 28-08-15 | 22429 | 30.12 | 8.55 | 15.34 | | 103 | CM | Bulk |
| 29-08-14 | 22025 | 29.96 | 8.52 | 14.72 | | 101 | CM | Bulk |
| 29-10-13 | 22020 | 29.93 | 10.21 | 13.04 | | 100 | CM | Bulk |
| 29-10-13 | 22024 | 30.29 | 9.85 | 13.56 | | 101 | CM | Bulk |
| 31-00-19 | 22021 | 31.68 | 0.00 | 19.22 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.81 | 100.34 | 100.31 | | | | |
| ALL SAMPLES,CV % | | 2.37 | 5.5 | 1.9 | | | | |
| NUMBER OF ANALYSIS | | 10 | 8 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| CROP PRODUCTION SVC (SLA) SLAUGHTERS KY 42456 | | | | | | | | |
| 07-17-36 | 20284 | 6.55 | 16.59 | 36.93 | | 100 | CM | Bulk |
| 07-18-36 | 22594 | 7.62 | 18.29 | 36.61 | | 102 | CM | Bulk |
| 09-23-30 | 22591 | 9.04 | 22.67 | 31.27 | | 102 | CM | Bulk |
| 21-18-18 | 22140 | 19.46 * | 17.06 | 21.74 | | 101 | CM | Bulk |
| 21-18-18 | 22141 | 20.26 | 19.85 | 18.37 | | 102 | CM | Bulk |
| 23-08-17 | 22592 | 22.50 | 8.95 | 19.90 | | 103 | CM | Bulk |
| CROP PRODUCTION SVC (UPT) UPTON KY 42784 | | | | | | | | |
| 06-16-36 | 21750+ | 6.53 | 17.09 | 36.69 | | 102 | CM | Bulk |
| 09-23-19 | 20705 | 9.33 | 23.58 | 20.65 | | 104 | CM | Bulk |
| 10-12-36 | 21419 | 10.14 | 12.49 | 37.30 | | 101 | CM | Bulk |
| 10-26-26 | 20868 | 10.43 | 27.07 | 25.77 | | 102 | CM | Bulk |
| 12-20-20 | 21420 | 13.33 | 21.66 | 21.37 | | 104 | CM | Bulk |
| 12-31-18 | 20866 | 12.10 | 32.25 | 17.91 | | 99 | CM | Bulk |
| 13-09-32 | 20706+ | 13.74 | 10.31 | 33.32 | | 102 | CM | Bulk |
| 16-21-21 | 21749 | 16.33 | 21.88 | 21.69 | | 101 | CM | Bulk |
| 25-12-16 | 20867 | 25.35 | 13.02 | 16.62 | | 100 | CM | Bulk |
| 27-18-09 | 20822 | 28.14 | 18.15 | 9.09 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.37 | 102.62 | 100.35 | | | | |
| ALL SAMPLES,CV % | | 2.33 | 3.55 | 3.12 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC (WAV) WAVERLY KY 42462 | | | | | | | | |
| 03-12-19 | 20226+ | 4.75 | 13.84 | 20.24 | | 107 | CM | Bulk |
| 04-14-21 | 20221+ | 5.05 | 15.38 | 21.87 | | 104 | CM | Bulk |
| 04-14-21 | 20222+ | 4.75 | 14.75 | 23.26 | | 105 | CM | Bulk |
| 04-14-21 | 20223+ | 4.83 | 14.94 | 22.50 | | 104 | CM | Bulk |
| 04-14-21 | 20225+ | 4.61 | 15.32 | 21.55 | | 102 | CM | Bulk |
| 04-15-22 | 20220+ | 4.95 | 15.29 | 22.50 | | 105 | CM | Bulk |
| 06-21-27 | 20227+ | 5.99 | 21.08 | 28.42 | | 100 | CM | Bulk |
| 06-21-27 | 20228+ | 6.29 | 21.64 | 28.22 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|-------|------|
| CROP PRODUCTION SVC (WAV) WAVERLY KY 42462 | | | | | | | | |
| 06-21-27 | 20229+ | 6.26 | 21.29 | 29.10 | | 102 | CM | Bulk |
| 14-36-11 | 20224 | 13.58 | 37.15 | 12.11 | | 100 | CM | Bulk |
| 18-18-00 | 20898 | 18.26 | 16.99 | 0.00 | | 98 | Blend | Liq |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 105.41 | 101.85 | 102.80 | | | | |
| ALL SAMPLES, CV % | | 9.13 | 3.73 | 2.28 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC INC GREELEY CO 80632 | | | | | | | | |
| 00-00-00 | 20133+ | 0.00 | 0.00 | 0.00 | | | Mat | Bulk |
| 00-00-00 | 20701+ | 0.00 | 0.00 | 0.00 | | | Mat | Bulk |
| 00-00-22 | 20280+ | 0.00 | 0.00 | 22.16 | | 101 | Mat | Bulk |
| 00-00-50 | 20531 | 0.00 | 0.00 | 50.71 | | 101 | Mat | Bulk |
| 00-00-50 | 20727 | 0.00 | 0.00 | 51.45 | | 103 | Mat | Bulk |
| 00-00-50 | 20728 | 0.00 | 0.00 | 51.12 | | 102 | Mat | Bulk |
| 00-00-50 | 21203 | 0.00 | 0.00 | 51.89 | | 104 | Mat | Bulk |
| 00-00-50 | 22087 | 0.00 | 0.00 | 51.92 | | 104 | Mat | Bulk |
| 00-00-50 | 22145 | 0.00 | 0.00 | 51.28 | | 103 | Mat | Bulk |
| 00-00-50 | 22578 | 0.00 | 0.00 | 50.42 | | 101 | Mat | Bulk |
| 00-00-50 | 22651 | 0.00 | 0.00 | 50.81 | | 102 | Mat | Bulk |
| 00-00-50 | 22668 | 0.00 | 0.00 | 51.55 | | 103 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-50 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 51.24 | | 102.5 | | |
| CV, % | | 0 | 0 | 1.02 | | | | |
| 00-00-60 | 20032 | 0.00 | 0.00 | 60.16 | | 100 | Mat | Bulk |
| 00-00-60 | 20037 | 0.00 | 0.00 | 59.65 | | 99 | Mat | Bulk |
| 00-00-60 | 20069 | 0.00 | 0.00 | 59.49 | | 99 | Mat | Bulk |
| 00-00-60 | 20099 | 0.00 | 0.00 | 60.32 | | 101 | Mat | Bulk |
| 00-00-60 | 20135 | 0.00 | 0.00 | 59.52 | | 99 | Mat | Bulk |
| 00-00-60 | 20142 | 0.00 | 0.00 | 60.93 | | 102 | Mat | Bulk |
| 00-00-60 | 20150 | 0.00 | 0.00 | 59.56 | | 99 | Mat | Bulk |
| 00-00-60 | 20153 | 0.00 | 0.00 | 60.28 | | 100 | Mat | Bulk |
| 00-00-60 | 20154 | 0.00 | 0.00 | 60.52 | | 101 | Mat | Bulk |
| 00-00-60 | 20166 | 0.00 | 0.00 | 58.68 | | 98 | Mat | Bulk |
| 00-00-60 | 20193 | 0.00 | 0.00 | 60.20 | | 100 | Mat | Bulk |
| 00-00-60 | 20194 | 0.00 | 0.00 | 59.42 | | 99 | Mat | Bulk |
| 00-00-60 | 20231 | 0.00 | 0.00 | 59.18 | | 99 | Mat | Bulk |
| 00-00-60 | 20277 | 0.00 | 0.00 | 58.76 | | 98 | Mat | Bulk |
| 00-00-60 | 20343 | 0.00 | 0.00 | 59.46 | | 99 | Mat | Bulk |
| 00-00-60 | 20349 | 0.00 | 0.00 | 58.94 | | 98 | Mat | Bulk |
| 00-00-60 | 20350 | 0.00 | 0.00 | 59.58 | | 99 | Mat | Bulk |
| 00-00-60 | 20353 | 0.00 | 0.00 | 59.21 | | 99 | Mat | Bulk |
| 00-00-60 | 20372 | 0.00 | 0.00 | 59.74 | | 100 | Mat | Bulk |
| 00-00-60 | 20534 | 0.00 | 0.00 | 60.53 | | 101 | Mat | Bulk |
| 00-00-60 | 20565 | 0.00 | 0.00 | 60.96 | | 102 | Mat | Bulk |
| 00-00-60 | 20566 | 0.00 | 0.00 | 61.10 | | 102 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|-------|-------|-------|-------|-------|------|
| CROP PRODUCTION SVC INC GREELEY CO 80632 | | | | | | | | |
| 00-00-60 | 20630 | 0.00 | 0.00 | 60.24 | | 100 | Mat | Bulk |
| 00-00-60 | 20695 | 0.00 | 0.00 | 59.76 | | 100 | Mat | Bulk |
| 00-00-60 | 20700 | 0.00 | 0.00 | 61.44 | | 102 | Mat | Bulk |
| 00-00-60 | 20719 | 0.00 | 0.00 | 60.55 | | 101 | Mat | Bulk |
| 00-00-60 | 20722 | 0.00 | 0.00 | 61.74 | | 103 | Mat | Bulk |
| 00-00-60 | 20724 | 0.00 | 0.00 | 60.27 | | 100 | Mat | Bulk |
| 00-00-60 | 20726 | 0.00 | 0.00 | 60.59 | | 101 | Mat | Bulk |
| 00-00-60 | 20731 | 0.00 | 0.00 | 60.16 | | 100 | Mat | Bulk |
| 00-00-60 | 20734 | 0.00 | 0.00 | 60.02 | | 100 | Mat | Bulk |
| 00-00-60 | 20747 | 0.00 | 0.00 | 60.40 | | 101 | Mat | Bulk |
| 00-00-60 | 20750 | 0.00 | 0.00 | 59.26 | | 99 | Mat | Bulk |
| 00-00-60 | 20751 | 0.00 | 0.00 | 59.45 | | 99 | Mat | Bulk |
| 00-00-60 | 20758 | 0.00 | 0.00 | 60.35 | | 101 | Mat | Bulk |
| 00-00-60 | 20776 | 0.00 | 0.00 | 60.08 | | 100 | Mat | Bulk |
| 00-00-60 | 20811 | 0.00 | 0.00 | 60.49 | | 101 | Mat | Bulk |
| 00-00-60 | 20871 | 0.00 | 0.00 | 61.02 | | 102 | Mat | Bulk |
| 00-00-60 | 20901 | 0.00 | 0.00 | 60.78 | | 101 | Mat | Bulk |
| 00-00-60 | 21036 | 0.00 | 0.00 | 59.69 | | 99 | Mat | Bulk |
| 00-00-60 | 21062 | 0.00 | 0.00 | 61.77 | | 103 | Mat | Bulk |
| 00-00-60 | 21201 | 0.00 | 0.00 | 61.24 | | 102 | Mat | Bulk |
| 00-00-60 | 21339 | 0.00 | 0.00 | 61.18 | | 102 | Mat | Bulk |
| 00-00-60 | 21815 | 0.00 | 0.00 | 61.07 | | 102 | Mat | Bulk |
| 00-00-60 | 22085 | 0.00 | 0.00 | 60.80 | | 101 | Mat | Bulk |
| 00-00-60 | 22138 | 0.00 | 0.00 | 60.20 | | 100 | Mat | Bulk |
| 00-00-60 | 22143 | 0.00 | 0.00 | 61.12 | | 102 | Mat | Bulk |
| 00-00-60 | 22258 | 0.00 | 0.00 | 61.49 | | 102 | Mat | Bulk |
| 00-00-60 | 22319 | 0.00 | 0.00 | 59.52 | | 99 | Mat | Bulk |
| 00-00-60 | 22323 | 0.00 | 0.00 | 60.50 | | 101 | Mat | Bulk |
| 00-00-60 | 22648 | 0.00 | 0.00 | 61.79 | | 103 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 51 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.26 | | 100.4 | | |
| CV, % | | 0 | 0 | 1.33 | | | | |
| 00-00-62 | 20167 | 0.00 | 0.00 | 61.63 | | 99 | Mat | Bulk |
| 00-00-62 | 22316 | 0.00 | 0.00 | 62.21 | | 100 | Mat | Bulk |
| 00-46-00 | 20031 | 0.00 | 45.78 | 0.00 | | 100 | Mat | Bulk |
| 00-46-00 | 20279 | 0.00 | 47.32 | 0.00 | | 103 | Mat | Bulk |
| 00-46-00 | 20342 | 0.00 | 46.05 | 0.00 | | 100 | Mat | Bulk |
| 00-46-00 | 20529 | 0.00 | 45.96 | 0.00 | | 100 | Mat | Bulk |
| 00-46-00 | 20761 | 0.00 | 46.79 | 0.00 | | 102 | Mat | Bulk |
| Statistical Analysis for Grade : 00-46-00 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 0.00 | 46.38 | 0.00 | | 100.8 | | |
| CV, % | | 0 | 1.41 | 0 | | | | |
| 02-00-00 | 20563+ | 5.15 | 0.00 | 0.00 | | 257 | Mnfr | Bulk |
| 02-00-00 | 22006+ | 2.82 | 0.00 | 0.00 | | 141 | Mnfr | Bulk |
| 03-15-30 | 21812 | 4.15 | 15.13 | 30.84 | | 105 | Blend | Bulk |
| 11-52-00 | 20061 | 11.02 | 51.58 | 0.00 | | 99 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|-------|-------|------|-------|-----|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC GREELEY CO 80632 | | | | | | | | |
| 11-52-00 | 20134 | 11.37 | 53.33 | 0.00 | | 103 | Mat | Bulk |
| 12-40-00 | 20101+ | 11.55 | 40.40 | 0.00 | | 100 | Mat | Bulk |
| 12-40-00 | 20902+ | 11.50 | 40.69 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20036 | 17.58 | 45.68 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20060 | 17.85 | 45.31 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20070 | 17.70 | 45.98 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20100 | 17.60 | 46.00 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20136 | 17.58 | 46.07 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20138 | 17.56 | 46.52 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20139 | 17.94 | 46.85 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20140 | 17.82 | 46.50 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20151 | 17.45 | 46.43 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20152 | 17.51 | 46.30 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20155 | 17.54 | 46.35 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20165 | 17.75 | 46.95 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20192 | 17.48 | 46.32 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20195 | 17.43 | 46.72 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20230 | 17.40 | 46.12 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20278 | 17.70 | 46.94 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20344 | 17.89 | 46.27 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20351 | 17.71 | 45.05 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 20352 | 17.62 | 45.75 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20354 | 17.78 | 45.37 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20373 | 17.63 | 45.57 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20374 | 18.05 | 46.10 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20525 | 17.88 | 46.17 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20526 | 17.73 | 46.06 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20567 | 17.68 | 45.60 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20631 | 17.61 | 46.33 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20696 | 17.90 | 46.29 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20699 | 17.77 | 46.52 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20718 | 17.88 | 46.25 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20723 | 17.70 | 45.89 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20729 | 17.63 | 46.30 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20730 | 17.18 | 46.32 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20737 | 17.60 | 46.21 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20746 | 17.63 | 46.07 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20749 | 17.48 | 45.99 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20752 | 17.76 | 45.89 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20759 | 17.89 | 45.82 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20775 | 18.15 | 46.02 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20810 | 17.62 | 46.27 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20870 | 17.92 | 45.70 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20900 | 17.75 | 46.31 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21037 | 17.87 | 46.09 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21063 | 17.74 | 45.98 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21200 | 17.87 | 45.86 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21340 | 17.99 | 46.29 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21814 | 17.81 | 46.25 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 22086 | 17.74 | 45.79 | 0.00 | | 99 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|------------------|---------|------|-------|------|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC | | GREELEY CO 80632 | | | | | | |
| 18-46-00 | 22144 | 17.94 | 45.88 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 22146 | 17.96 | 46.13 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 22257 | 17.77 | 46.05 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 22315 | 18.14 | 46.92 | 0.00 | | 102 | Mat | Bulk |
| 18-46-00 | 22320 | 17.70 | 46.73 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 22324 | 17.61 | 45.99 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 22647 | 18.05 | 45.89 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 22675 | 16.43 * | 41.07 * | 0.00 | | 90 * | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 55 | | | | | | | | |
| Average Analysis : | | 17.71 | 46.04 | 0.00 | | 99.6 | | |
| CV, % | | 1.47 | 1.71 | 0 | | | | |
| 21-00-00 | 20532 | 21.36 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 21-00-00 | 20720 | 20.81 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 21-00-00 | 20762 | 20.89 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 21-00-00 | 20773 | 20.37 | 0.00 | 0.00 | | 97 | Mat | Bulk |
| 21-00-00 | 21202 | 20.84 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 21-00-00 | 21342 | 21.11 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 21-00-00 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 20.90 | 0.00 | 0.00 | | 99.5 | | |
| CV, % | | 1.58 | 0 | 0 | | | | |
| 26-00-00 | 20968 | 26.15 | 0.00 | 0.00 | | 101 | Mnfr | Liq |
| 32-00-00 | 21694 | 31.83 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 43-00-00 | 20530 | 43.35 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 20141 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20527 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20528 | 46.04 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20633 | 46.15 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20717 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20736 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20745 | 46.10 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20772 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20809 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20869 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21199 | 46.15 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21341 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21813 | 46.12 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22084 | 46.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22142 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22314 | 45.94 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22321 | 46.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22326 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|---------|--------|--------|-------|-------|-------|------|
| CROP PRODUCTION SVC INC GREELEY CO 80632 | | | | | | | | |
| Statistical Analysis for Grade : 46-00-00 | | | | | | | | |
| Number of Samples This Grade : 18 | | | | | | | | |
| Average Analysis : | | 46.12 | 0.00 | 0.00 | | 100.3 | | |
| CV, % | | 0.17 | 0 | 0 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.64 | 100.22 | 100.74 | | | | |
| ALL SAMPLES,CV % | | 17.54 | 1.67 | 1.46 | | | | |
| NUMBER OF ANALYSIS | | 89 | 65 | 64 | | | | |
| Deficiency Rate = 0.63 % | | | | | | | | |
| DRAKES FARM SVC. MORGANTOWN KY 42261-0308 | | | | | | | | |
| 07-19-34 | 21715 | 7.55 | 19.32 | 36.35 | | 102 | CM | Bulk |
| 09-23-30 | 21719 | 8.72 | 22.71 | 31.68 | | 102 | CM | Bulk |
| 15-15-27 | 21723 | 15.78 | 14.85 | 28.69 | | 101 | CM | Bulk |
| 15-15-27 | 21724 | 14.96 | 15.37 | 29.17 | | 101 | CM | Bulk |
| 18-18-18 | 21720 | 18.54 | 18.47 | 20.80 | | 102 | CM | Bulk |
| 19-19-19 | 21722 | 18.98 | 20.02 | 20.26 | | 102 | CM | Bulk |
| 21-17-17 | 22132 | 21.88 | 17.44 | 18.36 | | 101 | CM | Bulk |
| 21-17-17 | 22135 | 22.16 | 17.17 | 18.13 | | 101 | CM | Bulk |
| 26-11-16 | 22133 | 25.98 | 11.51 | 17.70 | | 101 | CM | Bulk |
| 27-13-13 | 22134 | 26.13 | 13.93 | 16.20 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.85 | 99.81 | 106.65 | | | | |
| ALL SAMPLES,CV % | | 2.07 | 2.19 | 4.43 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| DYSART CORPORATION CANAL WINCHESTER OH 43110 | | | | | | | | |
| 04-06-06 | 21107+ | 5.49 | 5.55 | 6.08 | | 109 | Blend | Bag |
| 08-18-18 | 20033+ | 9.68 | 18.84 | 19.39 | | 109 | Mnfr | Bag |
| 12-10-10 | 20034+ | 13.75 | 12.20 | 11.96 | | 118 | Mnfr | Bag |
| EASY GARDNER WACO TX 76702-1025 | | | | | | | | |
| 02-07-04 | 22739+ | 3.22 | 7.89 | 6.22 | | 134 | Mnfr | Bag |
| 04-04-04 | 21076+ | 4.14 | 5.08 | 5.41 | | 121 | Mnfr | Bag |
| 15-03-03 | 20017 | 15.91 | 3.82 | 6.21 | | 121 | Mnfr | Bag |
| 15-03-03 | 22666 | 18.31 | 4.58 | 4.36 | | 129 | Blend | Bag |
| EAU CLAIRE CO-OP OIL CO. EAU CLAIRE WI 54702 | | | | | | | | |
| 13-00-05 | 20627 | 13.41 | 0.00 | 6.03 | | 107 | Blend | Bag |
| 15-23-10 | 22708+ | 14.99 | 24.20 | 10.15 | | 103 | Blend | Bag |
| 22-00-10 | 22706+ | 19.37 * | 0.00 | 11.23 | | 94 * | Blend | Bag |
| 30-00-03 | 22707+ | 31.55 | 0.00 | 2.96 | | 105 | Blend | Bag |
| EIGHTY EIGHT FERTILIZER CO., INC. GLASGOW KY 42141 | | | | | | | | |
| 09-23-30 | 21133 | 9.31 | 23.54 | 30.37 | | 102 | CM | Bulk |
| 19-19-19 | 21124 | 19.47 | 19.97 | 19.71 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|--------|-------|-------|-------|------|
| EIGHTY EIGHT FERTILIZER CO., INC. GLASGOW KY 42141 | | | | | | | | |
| 19-19-19 | 21125 | 18.57 | 19.64 | 20.64 | | 101 | CM | Bulk |
| 19-19-19 | 21126 | 20.05 | 18.90 | 19.83 | | 101 | CM | Bulk |
| 19-19-19 | 21130 | 18.87 | 20.17 | 20.22 | | 102 | CM | Bulk |
| 19-19-19 | 21132 | 19.12 | 19.50 | 20.40 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.22 | 19.64 | 20.16 | | 101.4 | | |
| CV, % | | 2.97 | 2.49 | 1.93 | | | | |
| 27-13-13 | 21127 | 26.37 | 15.51 | 13.27 | | 101 | CM | Bulk |
| 27-13-13 | 21128 | 26.90 | 13.89 | 14.43 | | 101 | CM | Bulk |
| 27-13-13 | 21129 | 27.96 | 12.76 | 13.97 | | 101 | CM | Bulk |
| 27-13-13 | 21131 | 27.02 | 14.13 | 14.16 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.67 | 102.23 | 103.21 | | | | |
| ALL SAMPLES,CV % | | 2.73 | 5.1 | 2.57 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ESPOMA CO. MILLVILLE NJ 08332 | | | | | | | | |
| 03-04-04 | 21439+ | 3.03 | 4.59 | 4.76 | | 112 | Mnfr | Bag |
| 03-04-06 | 21438+ | 2.91 | 4.62 | 10.36 | | 135 | Mnfr | Bag |
| 04-03-03 | 20012+ | 3.46 * | 4.72 | 4.44 | | 125 | Blend | Bag |
| 04-03-04 | 22633+ | 4.38 | 3.42 | 4.79 | | 114 | Blend | Bag |
| 04-03-04 | 22661+ | 4.07 | 3.86 | 5.06 | | 117 | Mnfr | Bag |
| 04-03-04 | 22732+ | 4.26 | 3.87 | 4.89 | | 117 | Blend | Bag |
| 10-10-10 | 22635 | 11.00 | 9.50 | 10.98 | | 105 | Blend | Bag |
| FARMERS FERTILIZER CO. BOWLING GREEN KY 42102 | | | | | | | | |
| 09-23-21 | 21705 | 8.78 | 22.34 | 22.96 | | 100 | CM | Bulk |
| 19-19-19 | 21708 | 19.29 | 18.89 | 19.95 | | 100 | CM | Bulk |
| 19-19-19 | 21710 | 18.83 | 21.32 | 19.40 | | 102 | CM | Bulk |
| 21-15-20 | 21709 | 20.75 | 14.72 | 20.99 | | 99 | CM | Bulk |
| 22-10-21 | 21703 | 21.94 | 11.40 | 22.60 | | 101 | CM | Bulk |
| 22-10-21 | 21706 | 22.60 | 10.15 | 22.44 | | 100 | CM | Bulk |
| 25-18-12 | 21707 | 25.13 | 17.81 | 13.45 | | 100 | CM | Bulk |
| 27-13-13 | 21702 | 27.71 | 12.11 * | 14.75 | | 100 | CM | Bulk |
| 31-10-10 | 21704 | 30.68 | 11.23 | 10.94 | | 100 | CM | Bulk |
| 31-10-10 | 21711 | 31.97 | 9.97 | 11.31 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.36 | 98.47 | 105.96 | | | | |
| ALL SAMPLES,CV % | | 1.77 | 6.72 | 3.26 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| FARMERS FERTILIZER CO.(KELLY RD) BOWLING GREEN KY 42101 | | | | | | | | |
| 18-18-18 | 21454 | 17.67 | 18.84 | 20.19 | | 100 | CM | Bulk |
| 18-18-18 | 21455 | 18.00 | 18.57 | 19.62 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|---------|-------|-------|------|------|
| FARMERS FERTILIZER CO.(KELLY RD) BOWLING GREEN KY 42101 | | | | | | | | |
| 18-18-18 | 21477 | 19.26 | 18.68 | 19.71 | | 102 | CM | Bulk |
| 18-18-21 | 21218 | 17.84 | 17.71 | 22.93 | | 100 | CM | Bulk |
| 24-15-14 | 21713 | 23.43 | 16.41 | 15.31 | | 101 | CM | Bulk |
| 24-15-15 | 21712 | 24.20 | 16.46 | 16.08 | | 102 | CM | Bulk |
| 29-17-07 | 21453 | 29.46 | 16.75 | 8.35 | | 100 | CM | Bulk |
| 30-00-19 | 21714 | 29.94 | 0.00 | 21.19 | | 101 | CM | Bulk |
| 32-23-00 | 21452 | 31.63 | 22.91 | 0.00 | | 99 | CM | Bulk |
| 32-23-00 | 21476 | 30.42 * | 23.52 | 0.00 | | 98 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.31 | 100.64 | 106.81 | | | | |
| ALL SAMPLES,CV % | | 2.52 | 3.93 | 2.34 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 8 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| FARMERS FERTILIZER CO.(NASH. RD) BOWLING GREEN KY 42101 | | | | | | | | |
| 09-22-29 | 21444+ | 8.55 | 22.14 | 28.48 | | 100 | CM | Bulk |
| 09-22-29 | 21445+ | 7.97 | 20.88 | 30.51 | | 100 | CM | Bulk |
| 09-22-29 | 21446+ | 8.38 | 21.18 | 28.60 | | 98 | CM | Bulk |
| 09-22-29 | 21447+ | 8.50 | 21.86 | 28.42 | | 100 | CM | Bulk |
| 09-23-30 | 21448 | 8.62 | 21.96 | 31.14 | | 99 | CM | Bulk |
| 18-18-18 | 21219 | 18.63 | 19.06 | 20.33 | | 103 | CM | Bulk |
| 21-15-20 | 21451 | 21.19 | 14.99 | 19.80 | | 99 | CM | Bulk |
| 23-16-16 | 21450 | 22.69 | 16.42 | 16.81 | | 99 | CM | Bulk |
| 25-34-00 | 21449 | 24.40 | 34.43 | 0.00 | | 99 | CM | Bulk |
| 31-10-10 | 21220 | 29.72 * | 10.05 | 12.06 | | 98 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.13 | 97.97 | 104.59 | | | | |
| ALL SAMPLES,CV % | | 2.43 | 2.33 | 6.22 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 9 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| FARMERS GIN CO. CLINTON KY 42031 | | | | | | | | |
| 05-13-16 | 20282 | 6.58 | 14.93 | 17.76 | | 112 | CM | Bulk |
| 05-14-19 | 20283 | 6.64 | 16.04 | 18.74 | | 104 | CM | Bulk |
| 06-15-40 | 22128 | 6.73 | 16.70 | 38.65 | | 102 | CM | Bulk |
| 06-15-40 | 22129 | 6.02 | 15.18 | 40.72 | | 101 | CM | Bulk |
| 09-23-30 | 20233 | 9.40 | 24.67 | 27.82 * | | 101 | CM | Bulk |
| 09-23-30 | 20234 | 9.75 | 26.02 | 27.00 * | | 102 | CM | Bulk |
| 09-23-30 | 20235 | 9.80 | 25.14 | 27.14 * | | 101 | CM | Bulk |
| 09-23-30 | 20236 | 9.06 | 24.19 | 29.00 | | 101 | CM | Bulk |
| 09-23-30 | 22228 | 8.87 | 23.52 | 30.36 | | 101 | CM | Bulk |
| 09-23-30 | 22229 | 8.82 | 22.96 | 30.81 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 9.28 | 24.42 | 28.69 | | 101.1 | | |
| CV, % | | 4.66 | 4.54 | 5.71 | | | | |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|------|-------|------|
| FARMERS GIN CO. CLINTON KY 42031 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 107.09 | 106.41 | 97.69 | | | | |
| ALL SAMPLES,CV % | | 7.98 | 4.46 | 5.87 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 30.00 % | | | | | | | | |
| FERTRELL BAINBRIDGE PA 17502 | | | | | | | | |
| 05-03-04 | 20623+ | 4.16 * | 3.38 | 4.48 | | 99 | Blend | Bag |
| 05-05-03 | 20624+ | 5.05 | 5.09 | 4.42 | | 111 | Blend | Bag |
| FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041 | | | | | | | | |
| 00-00-51 | 21232 | 0.00 | 0.00 | 50.19 | | 98 | Mat | Bulk |
| 00-00-61 | 21233 | 0.00 | 0.00 | 61.37 | | 101 | Mat | Bulk |
| 00-00-61 | 21401 | 0.00 | 0.00 | 60.35 | | 99 | Mat | Bulk |
| 02-04-07 | 22442 | 2.30 | 4.38 | 6.61 * | | 90 * | CM | Bulk |
| 03-12-12 | 22437 | 5.14 | 12.09 | 12.86 | | 106 | CM | Bulk |
| 03-12-12 | 22441 | 5.01 | 12.64 | 12.97 | | 108 | CM | Bulk |
| 05-11-17 | 22689 | 5.62 | 11.91 | 18.42 | | 103 | CM | Bulk |
| 06-06-06 | 22690 | 6.77 | 7.54 | 6.63 | | 106 | CM | Bulk |
| 07-07-12 | 22691 | 7.40 | 7.76 | 12.67 | | 101 | CM | Bulk |
| 10-26-25 | 22692 | 10.05 | 26.11 | 26.19 | | 99 | CM | Bulk |
| 14-08-12 | 22439 | 13.20 | 8.47 | 13.27 | | 98 | CM | Bulk |
| 17-17-17 | 22438 | 17.21 | 17.68 | 18.40 | | 100 | CM | Bulk |
| 18-46-00 | 21237 | 17.91 | 45.93 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21239 | 18.11 | 45.59 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21402 | 18.32 | 46.64 | 0.00 | | 102 | Mat | Bulk |
| 19-19-19 | 22440 | 18.02 | 19.80 | 20.23 | | 99 | CM | Bulk |
| 34-00-00 | 21234 | 33.38 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 21400 | 33.35 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21235 | 46.04 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21403 | 46.16 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 105.07 | 100.25 | 101.00 | | | | |
| ALL SAMPLES,CV % | | 19.17 | 6.08 | 3.95 | | | | |
| NUMBER OF ANALYSIS | | 17 | 13 | 13 | | | | |
| Deficiency Rate = 5.00 % | | | | | | | | |
| FREE FLOW FERTILIZER CO. MAUMEE OH 43537 | | | | | | | | |
| 05-10-05 | 22715 | 5.46 | 9.33 | 6.04 | | 104 | Blend | Bag |
| 18-00-12 | 22660 | 17.51 | 0.00 | 13.24 | | 102 | Mnfr | Bag |
| FRESH START GROWERS LOUISVILLE KY 40206 | | | | | | | | |
| 05-02-03 | 20622 | 5.10 | 2.87 | 4.64 | | 124 | Blend | Bag |
| FRIT INDUSTRIES OZARK AL 36361 | | | | | | | | |
| 00-00-00 | 22419+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| G.M. TAYLOR SEED CO. GEORGETOWN KY 40324 | | | | | | | | |
| 00-00-50 | 22631 | 0.00 | 0.00 | 51.04 | | 102 | Mat | Bulk |
| 14-00-11 | 22645 | 14.39 | 0.00 | 10.45 | | 98 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|---------------------------|---------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| G.M. TAYLOR SEED CO. | | GEORGETOWN KY 40324 | | | | | | |
| 17-00-30 | 21266 | 16.29 | 0.00 | 31.68 | | 102 | CM | Bulk |
| 23-00-18 | 22154 | 24.28 | 0.00 | 17.20 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| GREAT SALT LAKE MINERALS | | OGDEN UT 84404 | | | | | | |
| 00-00-50 | 20048+ | 0.00 | 0.00 | 52.27 | | 105 | Mat | Bulk |
| 00-00-50 | 22722 | 0.00 | 0.00 | 52.18 | | 104 | Mat | Bulk |
| ----- | | | | | | | | |
| GREEN CHARGER FERT CORP. | | RICHMOND VA 23260 | | | | | | |
| 15-15-15 | 20559 | 15.25 | 15.01 | 16.13 | | 103 | Blend | Bag |
| 27-00-00 | 20786+ | 28.08 | 0.00 | 0.00 | | 104 | Mat | Bag |
| ----- | | | | | | | | |
| GREEN LIGHT A VALENT USA CO | | WALNUT CREEK CA 94596 | | | | | | |
| 12-55-06 | 22607+ | 12.16 | 55.12 | 5.67 | | 100 | Mnfr | Bag |
| ----- | | | | | | | | |
| GREEN RIVER FEED MILL | | MORGANTOWN KY 42261 | | | | | | |
| 09-23-30 | 21864 | 8.46 | 22.86 | 31.83 | | 102 | CM | Bulk |
| 09-23-30 | 21869 | 8.50 | 22.36 | 31.97 | | 101 | CM | Bulk |
| 09-23-30 | 21870 | 8.29 | 22.25 | 31.88 | | 100 | CM | Bulk |
| 16-16-16 | 21725 | 16.80 | 17.17 | 17.91 | | 102 | CM | Bulk |
| 19-19-19 | 21718 | 17.99 | 19.28 | 19.87 | | 98 | CM | Bulk |
| 19-19-19 | 21865 | 20.31 | 17.81 * | 20.21 | | 101 | CM | Bulk |
| 20-16-21 | 21868 | 18.79 | 16.02 | 22.52 | | 100 | CM | Bulk |
| 24-15-15 | 21867 | 23.56 | 16.71 | 17.09 | | 102 | CM | Bulk |
| 28-12-12 | 21726 | 27.87 | 13.46 | 13.91 | | 102 | CM | Bulk |
| 30-12-10 | 21866 | 29.12 | 14.04 | 11.64 | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.32 | 101.14 | 106.31 | | | | |
| ALL SAMPLES,CV % | | 4.06 | 6.11 | 1.91 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| GRIFFIN INDUSTRIES INC. | | COLD SPRING KY 41076-1821 | | | | | | |
| 05-06-06 | 20053+ | 6.24 | 7.52 | 6.89 | | 122 | Mnfr | Bag |
| 08-03-05 | 20052+ | 8.08 | 3.32 | 5.71 | | 106 | Mnfr | Bag |
| 08-03-05 | 22723+ | 8.60 | 3.79 | 5.40 | | 111 | Mnfr | Bag |
| 08-05-05 | 20055+ | 8.26 | 5.83 | 6.33 | | 113 | Mnfr | Bag |
| 08-05-05 | 22728+ | 8.91 | 4.96 | 7.67 | | 119 | Mnfr | Bag |
| 09-00-09 | 20059+ | 10.13 | 0.00 | 9.40 | | 109 | Mnfr | Bag |
| 09-00-09 | 22727+ | 9.49 | 0.00 | 7.35 * | | 95 * | Mnfr | Bag |
| 10-00-08 | 20071+ | 10.50 | 0.00 | 8.15 | | 104 | Mnfr | Bag |
| 10-00-08 | 22726+ | 9.46 | 0.00 | 9.85 | | 106 | Mnfr | Bag |
| 10-02-08 | 20056+ | 10.36 | 1.93 | 8.67 | | 105 | Mnfr | Bag |
| 10-02-08 | 22724+ | 10.46 | 2.11 | 8.69 | | 106 | Mnfr | Bag |
| 12-02-06 | 20054+ | 11.72 | 3.09 | 5.90 | | 104 | Mnfr | Bag |
| 13-00-00 | 20050+ | 13.03 | 0.00 | 0.00 | | 100 | Mnfr | Bag |
| 13-00-00 | 22725+ | 13.16 | 0.00 | 0.00 | | 101 | Mnfr | Bag |
| 15-00-08 | 20057+ | 15.58 | 0.00 | 6.62 * | | 97 | Mnfr | Bag |
| 15-00-08 | 22731+ | 14.99 | 0.00 | 6.88 * | | 96 * | Mnfr | Bag |
| 21-03-07 | 20051+ | 24.99 | 3.92 | 6.03 * | | 114 | Mnfr | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| GRIFFIN INDUSTRIES INC. COLD SPRING KY 41076-1821 | | | | | | | | |
| 21-03-07 | 22730+ | 23.11 | 3.93 | 6.01 * | | 107 | Mnfr | Bag |
| 27-00-02 | 22729+ | 26.75 | 0.00 | 2.04 | | 99 | Mnfr | Bag |
| 27-02-02 | 20058+ | 24.75 * | 3.35 | 2.67 | | 99 | Mnfr | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.82 | 123.98 | 106.64 | | | | |
| ALL SAMPLES,CV % | | 7.51 | 17.8 | 18.07 | | | | |
| NUMBER OF ANALYSIS | | 20 | 11 | 18 | | | | |
| Deficiency Rate = 30.00 % | | | | | | | | |
| ----- | | | | | | | | |
| GRO TEC INC. MADISON GA 30650-1821 | | | | | | | | |
| 06-10-10 | 21053 | 7.21 | 12.97 | 11.46 | | 122 | Blend | Bag |
| 06-10-10 | 22191 | 6.19 | 9.83 | 10.42 | | 102 | Blend | Bag |
| 10-00-10 | 22338 | 7.95 * | 0.00 | 9.62 | | 87 * | Blend | Bag |
| 10-00-10 | 22629 | 8.85 * | 0.00 | 8.71 * | | 88 * | Blend | Bag |
| 10-10-10 | 21052 | 10.36 | 9.80 | 10.14 | | 101 | Blend | Bag |
| 10-10-10 | 21305 | 11.87 | 10.53 | 11.59 | | 114 | Blend | Bag |
| 12-05-07 | 21051 | 12.14 | 4.92 | 6.98 | | 100 | Blend | Bag |
| 12-05-07 | 22333 | 12.66 | 5.60 | 7.40 | | 107 | Mnfr | Bag |
| 12-10-10 | 20007+ | 12.41 | 13.58 | 10.18 | | 114 | Blend | Bag |
| 12-10-10 | 20014+ | 12.57 | 10.22 | 9.78 | | 102 | Blend | Bag |
| 12-10-10 | 21075+ | 11.22 | 10.28 | 7.86 * | | 92 * | Blend | Bag |
| 12-10-10 | 22752+ | 12.43 | 9.49 | 9.72 | | 99 | Blend | Bag |
| 13-00-13 | 22608 | 10.68 * | 0.00 | 12.34 | | 88 * | Blend | Bag |
| 13-00-13 | 22750 | 10.38 * | 0.00 | 12.08 * | | 86 * | Blend | Bag |
| 18-24-06 | 20013+ | 17.38 | 25.45 | 6.07 | | 102 | Blend | Bag |
| 18-24-06 | 21074+ | 17.94 | 21.85 * | 7.43 | | 98 | Blend | Bag |
| 18-24-06 | 22336+ | 16.41 * | 21.22 * | 6.59 | | 92 * | Blend | Bag |
| 18-24-06 | 22751+ | 17.79 | 24.53 | 5.81 | | 100 | Blend | Bag |
| 22-00-11 | 20084+ | 21.20 | 0.00 | 12.27 | | 101 | Blend | Bag |
| 22-00-14 | 20085+ | 22.96 | 0.00 | 14.32 | | 104 | Blend | Bag |
| 28-00-03 | 22190 | 27.35 | 0.00 | 2.85 | | 97 | Blend | Bag |
| 28-00-03 | 22427 | 27.21 | 0.00 | 3.31 | | 98 | Blend | Bag |
| 29-00-05 | 21104+ | 29.24 | 0.00 | 5.55 | | 102 | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.70 | 104.64 | 102.16 | | | | |
| ALL SAMPLES,CV % | | 10.31 | 12.81 | 9.8 | | | | |
| NUMBER OF ANALYSIS | | 23 | 14 | 23 | | | | |
| Deficiency Rate = 30.43 % | | | | | | | | |
| ----- | | | | | | | | |
| GROW MORE INC GARDENA CA 90248 | | | | | | | | |
| 05-01-05 | 21109+ | 6.38 | 3.02 | 6.09 | | 140 | Blend | Bag |
| ----- | | | | | | | | |
| GROWMARK INC. BLOOMINGTON IL 61702 | | | | | | | | |
| 46-00-00 | 22677 | 46.07 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| HANCOCK COUNTY FARM HAWESVILLE KY 42348 | | | | | | | | |
| 00-00-60 | 22224 | 0.00 | 0.00 | 60.82 | | 101 | Mat | Bulk |
| 09-23-30 | 22225 | 8.88 | 22.94 | 31.07 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|-----------------------|---------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| HANCOCK COUNTY FARM | | HAWESVILLE KY 42348 | | | | | | |
| 18-16-21 | 22226 | 18.84 | 17.83 | 21.92 | | 102 | CM | Bulk |
| 18-16-21 | 22227 | 18.48 | 17.00 | 22.59 | | 101 | CM | Bulk |
| 18-46-00 | 22220 | 17.92 | 46.52 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 22221 | 46.11 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22222 | 46.11 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22223 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| HELENA CHEMICAL CO (SHARON) | | SHARON TN 38369 | | | | | | |
| 07-19-32 | 21682+ | 7.26 | 19.01 | 34.48 | | 101 | CM | Bulk |
| 07-19-32 | 21683+ | 7.31 | 19.34 | 34.39 | | 101 | CM | Bulk |
| 07-19-32 | 21684+ | 7.13 | 19.18 | 34.29 | | 101 | CM | Bulk |
| 08-21-28 | 20237 | 8.05 | 21.28 | 29.80 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| HELENA CHEMICAL COMPANY (COL) | | COLLIERVILLE TN 38017 | | | | | | |
| 00-00-60 | 21609 | 0.00 | 0.00 | 61.22 | | 102 | Mat | Bulk |
| 08-24-04 | 20164 | 7.79 | 24.39 | 4.08 | | 101 | Mnfr | Liq |
| 08-24-04 | 21893 | 7.92 | 23.54 | 4.35 | | 99 | Blend | Liq |
| 11-08-05 | 22600+ | 11.16 | 7.90 | 5.21 | | 101 | Mnfr | Liq |
| 11-08-05 | 22626+ | 10.81 | 7.99 | 4.93 | | 99 | Mnfr | Liq |
| 12-00-00 | 22599+ | 13.49 | 0.00 | 0.00 | | 112 | Mnfr | Liq |
| 18-46-00 | 21608 | 17.95 | 45.37 | 0.00 | | 99 | Mat | Bulk |
| 21-00-00 | 21610 | 21.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 25-00-00 | 21894+ | 25.06 | 0.00 | 0.00 | | 100 | Blend | Liq |
| 25-00-00 | 22625+ | 24.49 | 0.00 | 0.00 | | 98 | Mnfr | Liq |
| 34-00-00 | 21611 | 34.28 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.76 | 99.38 | 103.10 | | | | |
| ALL SAMPLES,CV % | | 4.27 | 1.42 | 3.61 | | | | |
| NUMBER OF ANALYSIS | | 10 | 5 | 5 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| HELENA CHEMICAL COMPANY (HICK) | | HICKMAN KY 42050 | | | | | | |
| 09-23-30 | 21915 | 9.81 | 24.98 | 31.60 | | 107 | CM | Bulk |
| 09-23-30 | 21916 | 7.71 * | 20.33 * | 34.64 | | 100 | CM | Bulk |
| 09-23-30 | 21917 | 9.53 | 25.91 | 27.69 * | | 102 | CM | Bulk |
| 18-37-00 | 21907+ | 18.22 | 36.69 | 0.00 | | 98 | CM | Bulk |
| 18-38-00 | 21908+ | 18.18 | 38.29 | 0.00 | | 100 | CM | Bulk |
| 20-12-16 | 21912+ | 19.62 | 12.36 | 15.73 | | 100 | CM | Bulk |
| 20-12-16 | 21913+ | 19.01 | 12.09 | 16.79 | | 100 | CM | Bulk |
| 20-12-16 | 21914+ | 19.57 | 12.63 | 15.93 | | 101 | CM | Bulk |
| 21-08-12 | 21612 | 20.43 | 7.74 | 13.08 | | 100 | CM | Bulk |
| 29-00-00 | 21909+ | 28.14 | 0.00 | 0.00 | | 97 * | CM | Bulk |
| 29-00-00 | 21910+ | 28.44 | 0.00 | 0.00 | | 98 | CM | Bulk |
| 29-00-00 | 21911+ | 28.31 | 0.00 | 0.00 | | 97 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-----|-------|------|
| HELENA CHEMICAL COMPANY (HICK) HICKMAN KY 42050 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.66 | 101.35 | 103.68 | | | | |
| ALL SAMPLES,CV % | | 5.65 | 6.87 | 6.87 | | | | |
| NUMBER OF ANALYSIS | | 12 | 9 | 7 | | | | |
| Deficiency Rate = 25.00 % | | | | | | | | |
| HENRY FARMERS COOP PARIS TN 38242 | | | | | | | | |
| 00-00-60 | 21604 | 0.00 | 0.00 | 60.02 | | 100 | Mat | Bulk |
| 18-46-00 | 21605 | 18.20 | 45.98 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21607 | 17.83 | 46.01 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 21606 | 33.28 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| HENRY FARMERS COOP MURRAY KY 42071 | | | | | | | | |
| 02-06-14 | 21576 | 2.56 | 6.53 | 14.75 | | 102 | CM | Bulk |
| 02-07-14 | 21579 | 2.79 | 7.67 | 14.58 | | 102 | CM | Bulk |
| 04-10-11 | 21577 | 4.73 | 12.03 | 9.59 * | | 99 | CM | Bulk |
| 04-12-15 | 20240 | 5.51 | 12.40 | 16.38 | | 105 | CM | Bulk |
| 04-12-15 | 20241 | 5.68 | 13.11 | 16.29 | | 108 | CM | Bulk |
| 04-12-15 | 20244 | 5.50 | 12.15 | 16.74 | | 105 | CM | Bulk |
| 04-12-15 | 20245 | 5.32 | 11.98 | 17.20 | | 105 | CM | Bulk |
| 05-14-18 | 20238 | 6.23 | 14.88 | 19.04 | | 104 | CM | Bulk |
| 05-14-18 | 20239 | 6.35 | 15.38 | 18.00 | | 104 | CM | Bulk |
| 05-14-18 | 20242 | 5.97 | 14.48 | 20.19 | | 105 | CM | Bulk |
| 05-14-18 | 20243 | 5.86 | 14.49 | 19.86 | | 104 | CM | Bulk |
| 12-13-29 | 21578+ | 11.84 | 13.29 | 29.55 | | 101 | CM | Bulk |
| 22-07-15 | 21581 | 21.72 | 7.96 | 15.91 | | 100 | CM | Bulk |
| 22-07-15 | 21582 | 21.44 | 8.09 | 15.40 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 107.27 | 103.85 | 102.22 | | | | |
| ALL SAMPLES,CV % | | 7.76 | 3.11 | 6.13 | | | | |
| NUMBER OF ANALYSIS | | 14 | 14 | 14 | | | | |
| Deficiency Rate = 7.14 % | | | | | | | | |
| HOWARD JOHNSONS ENT., INC. FRANKLIN WI 53132 | | | | | | | | |
| 05-03-02 | 20016+ | 4.96 | 3.53 | 2.81 | | 107 | Blend | Bag |
| HYPONEX CORP. MARYSVILLE OH 43041 | | | | | | | | |
| 10-10-10 | 22537 | 10.12 | 9.94 | 9.40 | | 98 | Blend | Bag |
| 10-10-10 | 22634 | 11.22 | 11.60 | 12.24 | | 117 | Blend | Bag |
| INFINITY FERTILIZERS INC MILAN IL 61264 | | | | | | | | |
| 10-12-12 | 21007+ | 13.30 | 13.84 | 9.56 * | | 110 | Blend | Bag |
| INSTA-GRO MANUFACTURING, INC. CALEDONIA OH 43314 | | | | | | | | |
| 05-20-05 | 21721 | 6.01 | 18.68 | 6.20 | | 103 | Mnfr | Liq |
| J. R. PETERS ALLENTOWN PA 18106 | | | | | | | | |
| 20-20-20 | 22663+ | 20.05 | 21.38 | 21.30 | | 104 | Mnfr | Bag |
| JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728 | | | | | | | | |
| 18-07-29 | 21564 | 18.28 | 7.85 | 30.40 | | 101 | CM | Bulk |
| 19-19-19 | 21562 | 19.33 | 19.15 | 20.64 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|-------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| JANES FERTILIZER & FARM SUPPLY COLUMBIA KY 42728 | | | | | | | | |
| 19-19-19 | 21563 | 19.17 | 18.91 | 20.62 | | 101 | CM | Bulk |
| 19-19-19 | 21565 | 19.33 | 21.40 | 18.75 | | 102 | CM | Bulk |
| 19-19-19 | 21993 | 18.99 | 21.16 | 18.48 | | 101 | CM | Bulk |
| 27-13-13 | 21561 | 26.88 | 14.21 | 14.10 | | 101 | CM | Bulk |
| 28-00-22 | 21560 | 28.39 | 0.00 | 23.07 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| JIMMY SANDERS (BG) BOWLING GREEN KY 42104 | | | | | | | | |
| 09-23-30 | 21880 | 8.84 | 23.76 | 30.77 | | 102 | CM | Bulk |
| 09-23-30 | 21881 | 9.01 | 23.94 | 30.12 | | 102 | CM | Bulk |
| 10-27-24 | 21871 | 10.41 | 27.37 | 25.99 | | 102 | CM | Bulk |
| 10-27-24 | 21872 | 10.35 | 27.67 | 25.68 | | 102 | CM | Bulk |
| 10-27-24 | 21873 | 10.04 | 26.47 | 27.27 | | 102 | CM | Bulk |
| 13-15-20 | 21882 | 13.12 | 16.46 | 20.02 | | 103 | CM | Bulk |
| 13-15-20 | 21883 | 13.10 | 15.72 | 19.65 | | 101 | CM | Bulk |
| 13-15-20 | 21884 | 12.92 | 15.93 | 20.53 | | 102 | CM | Bulk |
| 13-16-20 | 21874 | 13.20 | 17.13 | 20.26 | | 103 | CM | Bulk |
| 26-11-15 | 21875 | 26.01 | 11.41 | 17.31 | | 101 | CM | Bulk |
| 28-12-13 | 21885 | 28.12 | 12.63 | 13.83 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.35 | 102.42 | 104.51 | | | | |
| ALL SAMPLES,CV % | | 2.66 | 4.06 | 4.93 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| JIMMY SANDERS (HART) HARTFORD KY 42347 | | | | | | | | |
| 00-00-60 | 22418 | 0.00 | 0.00 | 60.10 | | 100 | Mat | Bulk |
| 09-23-30 | 22412 | 8.97 | 23.30 | 30.19 | | 101 | CM | Bulk |
| 09-23-30 | 22413 | 8.94 | 23.70 | 29.85 | | 101 | CM | Bulk |
| 09-23-30 | 22414 | 8.76 | 23.44 | 29.92 | | 100 | CM | Bulk |
| 09-23-30 | 22415 | 8.60 | 22.59 | 30.99 | | 100 | CM | Bulk |
| 09-23-30 | 22420 | 8.54 | 22.88 | 30.20 | | 99 | CM | Bulk |
| 09-23-30 | 22421 | 8.65 | 23.07 | 30.44 | | 100 | CM | Bulk |
| 09-23-30 | 22422 | 8.87 | 23.72 | 30.27 | | 101 | CM | Bulk |
| 09-23-30 | 22423 | 8.79 | 23.34 | 30.47 | | 101 | CM | Bulk |
| 09-23-30 | 22424 | 8.74 | 23.12 | 30.69 | | 101 | CM | Bulk |
| 09-23-30 | 22425 | 8.65 | 24.18 | 29.47 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 8.75 | 23.33 | 30.25 | | 100.4 | | |
| CV, % | | 1.65 | 1.96 | 1.44 | | | | |
| 18-46-00 | 22417 | 17.49 | 46.34 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22416 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| JIMMY SANDERS (HART) HARTFORD KY 42347 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.49 | 101.39 | 100.77 | | | | |
| ALL SAMPLES,CV % | | 1.77 | 1.87 | 1.38 | | | | |
| NUMBER OF ANALYSIS | | 12 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| KEES FARM SVC . GRAYSON KY 41143 | | | | | | | | |
| 00-00-50 | 22361 | 0.00 | 0.00 | 50.97 | | 102 | Mat | Bulk |
| 00-00-60 | 21922 | 0.00 | 0.00 | 61.13 | | 102 | Mat | Bulk |
| 00-00-60 | 22359 | 0.00 | 0.00 | 59.97 | | 100 | Mat | Bulk |
| 18-46-00 | 21923 | 17.64 | 45.93 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 22360 | 17.74 | 46.90 | 0.00 | | 101 | Mat | Bulk |
| 19-19-19 | 22733 | 19.24 | 19.55 | 19.57 | | 100 | CM | Bulk |
| 24-15-15 | 22734 | 24.60 | 16.11 | 15.40 | | 100 | CM | Bulk |
| 24-15-15 | 22735 | 24.65 | 15.93 | 15.40 | | 100 | CM | Bulk |
| 24-15-15 | 22736 | 24.33 | 15.74 | 16.31 | | 101 | CM | Bulk |
| 24-15-15 | 22737 | 24.73 | 16.37 | 15.48 | | 101 | CM | Bulk |
| 46-00-00 | 21924 | 46.19 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.54 | 101.42 | 101.11 | | | | |
| ALL SAMPLES,CV % | | 0.91 | 1.49 | 2.13 | | | | |
| NUMBER OF ANALYSIS | | 8 | 7 | 8 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| KENS VALUE CTR. BERRY KY 41003-8620 | | | | | | | | |
| 34-00-00 | 21264 | 33.68 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| ----- | | | | | | | | |
| KENTUCKY FERTILIZER (WINCH) WINCHESTER KY 40391 | | | | | | | | |
| 00-00-00 | 20948+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-50 | 22394 | 0.00 | 0.00 | 50.11 | | 100 | Mat | Bulk |
| 00-00-50 | 22632 | 0.00 | 0.00 | 51.87 | | 104 | Mat | Bulk |
| 00-00-60 | 22392 | 0.00 | 0.00 | 61.05 | | 102 | Mat | Bulk |
| 00-00-60 | 22397 | 0.00 | 0.00 | 60.61 | | 101 | Mat | Bulk |
| 00-00-62 | 22404 | 0.00 | 0.00 | 61.45 | | 99 | Mat | Bulk |
| 05-10-10 | 22350 | 5.42 | 11.20 | 10.26 | | 108 | Blend | Bag |
| 05-10-10 | 22352 | 4.54 * | 9.46 | 9.66 | | 94 * | Blend | Bag |
| 05-10-15 | 22375 | 4.61 * | 9.29 | 14.39 | | 94 * | Blend | Bag |
| 05-20-20 | 22763 | 7.70 | 19.78 | 19.10 | | 105 | Blend | Bag |
| 06-12-12 | 22282 | 6.86 | 11.61 | 13.08 | | 105 | Blend | Bag |
| 06-15-40 | 22395 | 6.07 | 15.98 | 40.03 | | 101 | CM | Bulk |
| 06-15-40 | 22396 | 5.96 | 15.85 | 40.32 | | 101 | CM | Bulk |
| 10-09-23 | 21267 | 11.31 | 7.61 * | 29.16 | * | 116 | Blend | Bag |
| 10-10-10 | 21307 | 9.43 | 10.04 | 9.71 | | 97 | Blend | Bag |
| 10-10-10 | 22283 | 9.43 | 9.30 | 10.12 | | 96 * | Blend | Bag |
| 10-10-10 | 22349 | 9.71 | 9.60 | 10.02 | | 98 | Blend | Bag |
| 10-10-10 | 22407 | 8.79 * | 9.39 | 9.65 | | 92 * | Blend | Bag |
| 10-10-10 | 22620 | 8.91 * | 8.77 * | 9.63 | | 91 * | Blend | Bag |
| 10-10-10 | 22762 | 8.72 * | 10.36 | 10.00 | | 96 * | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|-------|--------|-------|-------|-------|------|
| KENTUCKY FERTILIZER (WINCH) WINCHESTER KY 40391 | | | | | | | | |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 9.16 | 9.58 | 9.86 | | 95.0 | | |
| CV, % | | 4.47 | 5.9 | 2.19 | | | | |
| 10-20-20 | 22765 | 9.73 | 20.05 | 18.93 | | 97 | Blend | Bag |
| 12-00-10 | 22409 | 12.68 | 0.00 | 11.05 | | 101 | CM | Bulk |
| 12-00-10 | 22410 | 12.25 | 0.00 | 10.63 | | 98 | CM | Bulk |
| 12-00-10 | 22411 | 12.42 | 0.00 | 10.73 | | 99 | CM | Bulk |
| 12-12-12 | 22761 | 12.14 | 12.03 | 11.77 | | 100 | Blend | Bag |
| 14-00-23 | 22652 | 15.90 | 0.00 | 26.58 | * | 112 | CM | Bulk |
| 15-15-15 | 22764 | 14.21 | 14.54 | 14.48 | | 96 * | Blend | Bag |
| 18-46-00 | 22391 | 17.62 | 47.80 | 0.00 | | 102 | Mat | Bulk |
| 18-46-00 | 22399 | 17.69 | 46.39 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 22401 | 17.49 | 45.67 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 22402 | 17.90 | 46.79 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 22403 | 17.83 | 47.02 | 0.00 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 17.71 | 46.73 | 0.00 | | 100.6 | | |
| CV, % | | 0.93 | 1.68 | 0 | | | | |
| 19-19-19 | 21930 | 18.32 | 19.26 | 19.26 | | 99 | Blend | Bag |
| 19-19-19 | 22281 | 18.42 | 19.70 | 19.36 | | 101 | Blend | Bag |
| 19-19-19 | 22342 | 18.29 | 17.81 | 19.66 | | 98 | Blend | Bag |
| 19-19-19 | 22351 | 19.21 | 19.78 | 19.14 | | 102 | Blend | Bag |
| 19-19-19 | 22406 | 18.12 | 20.92 | 19.31 | | 102 | Blend | Bag |
| 19-19-19 | 22619 | 18.51 | 19.57 | 19.40 | | 101 | Blend | Bag |
| 19-19-19 | 22657 | 17.69 | 20.90 | 18.80 | | 100 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 18.36 | 19.71 | 19.28 | | 100.3 | | |
| CV, % | | 2.5 | 5.37 | 1.36 | | | | |
| 20-05-10 | 21306 | 16.58 * | 5.03 | 10.26 | | 90 * | Blend | Bag |
| 20-13-19 | 22656 | 19.99 | 13.47 | 20.60 | | 101 | CM | Bulk |
| 27-00-00 | 22398 | 26.94 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 27-00-00 | 22400 | 26.62 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 32-00-15 | 22405 | 31.94 | 0.00 | 16.58 | | 100 | CM | Bulk |
| 33-00-13 | 22655+ | 34.39 | 0.00 | 14.45 | | 105 | CM | Bulk |
| 36-00-12 | 22408 | 36.37 | 0.00 | 12.55 | | 100 | CM | Bulk |
| 46-00-00 | 22393 | 46.12 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.18 | 99.82 | 101.67 | | | | |
| ALL SAMPLES,CV % | | 10.74 | 6.04 | 5.8 | | | | |
| NUMBER OF ANALYSIS | | 41 | 31 | 38 | | | | |
| Deficiency Rate = 19.15 % | | | | | | | | |
| KENTUCKY FERTILIZER LLC LOUISVILLE KY 40203 | | | | | | | | |
| 00-00-60 | 21265 | 0.00 | 0.00 | 58.92 | | 98 | Mat | Bulk |
| 05-20-20 | 21842 | 8.09 | 20.15 | 18.93 | | 106 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|---------|-------|-------|-------|------|
| KENTUCKY FERTILIZER LLC LOUISVILLE KY 40203 | | | | | | | | |
| KNOX FERTILIZER CO., INC. KNOX IN 46534 | | | | | | | | |
| 09-09-06 | 20035 | 9.74 | 9.00 | 6.48 | | 105 | Mnfr | Bag |
| 09-17-09 | 22367 | 9.58 | 17.60 | 9.51 | | 105 | Blend | Bag |
| 10-10-10 | 21198 | 9.95 | 9.51 | 11.94 | | 104 | Blend | Bag |
| 10-10-10 | 22335 | 10.52 | 10.04 | 11.29 | | 106 | Mat | Bag |
| 10-10-10 | 22366 | 11.60 | 10.40 | 11.80 | | 113 | Blend | Bag |
| 10-10-10 | 22539 | 10.71 | 10.26 | 11.16 | | 107 | Blend | Bag |
| 10-10-10 | 22667 | 10.30 | 11.00 | 11.56 | | 109 | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 10.62 | 10.24 | 11.55 | | 107.8 | | |
| CV, % | | 5.83 | 5.3 | 2.85 | | | | |
| 10-54-10 | 22368+ | 9.94 | 53.38 | 11.28 | | 101 | Mnfr | Bag |
| 10-54-10 | 22540 | 11.34 | 52.89 | 8.98 * | | 99 | Mnfr | Bag |
| 12-00-06 | 22630 | 10.33 * | 0.00 | 7.14 | | 95 * | Blend | Bag |
| 12-04-08 | 22365 | 13.73 | 5.27 | 7.46 | | 111 | Blend | Bag |
| 12-04-08 | 22713 | 10.74 * | 4.01 | 8.24 | | 95 * | Blend | Bag |
| 15-30-15 | 22712+ | 18.47 | 27.56 * | 12.95 * | | 100 | Blend | Bag |
| 24-08-16 | 22369+ | 22.62 | 8.31 | 17.09 | | 99 | Mnfr | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.68 | 103.08 | 107.29 | | | | |
| ALL SAMPLES,CV % | | 9.93 | 9.42 | 10.05 | | | | |
| NUMBER OF ANALYSIS | | 14 | 13 | 14 | | | | |
| Deficiency Rate = 28.57 % | | | | | | | | |
| LAKE CUMBERLAND FARMERS CO-OP MONTICELLO KY 42633 | | | | | | | | |
| 00-00-60 | 20892 | 0.00 | 0.00 | 60.58 | | 101 | Mat | Bulk |
| 18-46-00 | 20890 | 17.91 | 46.03 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 20889 | 34.20 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 41-03-03 | 20896 | 41.03 | 3.18 | 3.14 | | 99 | CM | Bulk |
| 46-00-00 | 20891 | 46.19 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| LEBANON SEABOARD CORP LEBANON PA 17042 | | | | | | | | |
| 10-07-07 | 22705+ | 10.61 | 6.56 | 7.55 | | 103 | Mnfr | Bag |
| 10-18-10 | 21665 | 10.60 | 18.59 | 10.31 | | 104 | Blend | Bag |
| 20-27-05 | 22718+ | 21.14 | 29.63 | 4.72 | | 107 | Blend | Bag |
| 22-00-04 | 21666 | 24.84 | 0.00 | 4.19 | | 112 | Blend | Bag |
| 30-00-03 | 22719+ | 31.27 | 0.00 | 3.38 | | 105 | Blend | Bag |
| LESCO INC. CLEVELAND OH 44114-4114 | | | | | | | | |
| 12-24-14 | 20024+ | 14.99 | 23.23 | 13.73 | | 104 | Blend | Bag |
| 14-14-14 | 22339+ | 13.42 | 13.16 | 15.61 | | 100 | Blend | Bag |
| 14-20-04 | 22187+ | 14.00 | 21.54 | 4.55 | | 105 | Blend | Bag |
| 19-19-19 | 20023 | 20.31 | 25.38 | 13.83 * | | 107 | Blend | Bag |
| 24-00-11 | 22329+ | 22.81 | 0.00 | 11.91 | | 99 | Blend | Bag |
| 28-00-03 | 20398+ | 26.59 | 0.00 | 3.27 | | 96 * | Blend | Bag |
| 32-00-08 | 22186+ | 30.60 * | 0.00 | 9.62 | | 100 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| LESCO INC. CLEVELAND OH 44114-4114 | | | | | | | | |
| ----- | | | | | | | | |
| LILLY MILLER BRANDS WALNUT CREEK CA 94597 | | | | | | | | |
| 04-10-10 | 21077+ | 4.23 | 11.63 | 11.18 | | 112 | Blend | Bag |
| 04-10-10 | 22602+ | 4.37 | 10.27 | 9.40 | | 101 | Blend | Bag |
| 05-01-01 | 20008 | 4.92 | 2.52 | 1.91 | | 132 | Mnfr | Liq |
| 10-10-10 | 21105+ | 10.14 | 12.39 | 11.54 | | 113 | Blend | Bag |
| 10-10-10 | 22601+ | 9.72 | 10.76 | 10.66 | | 103 | Blend | Bag |
| 15-30-15 | 20006 | 15.20 | 30.85 | 15.07 | | 102 | Blend | Bag |
| 15-30-15 | 20015 | 15.37 | 29.55 | 15.52 | | 101 | Blend | Bag |
| 24-08-16 | 21078+ | 27.34 | 8.61 | 15.46 | | 108 | Blend | Bag |
| ----- | | | | | | | | |
| LOVELAND PRODUCTS, INC. GREELEY CO 80632 | | | | | | | | |
| 00-20-20 | 21800 | 0.00 | 22.80 | 21.88 | | 112 | Blend | Bag |
| 05-10-15 | 22317 | 4.92 | 9.22 | 14.55 | | 96 * | Blend | Bag |
| 05-20-20 | 22277 | 5.12 | 19.39 | 20.82 | | 101 | Blend | Bag |
| 05-20-20 | 22373 | 4.41 * | 19.25 | 20.52 | | 98 | Blend | Bag |
| 06-00-01 | 20098+ | 6.15 | 0.00 | 1.35 | | 106 | Blend | Liq |
| 06-24-24 | 22649 | 6.37 | 23.67 | 24.37 | | 101 | Blend | Bag |
| 07-17-03 | 20628+ | 7.15 | 17.27 | 3.07 | | 102 | Blend | Liq |
| 07-17-03 | 20748+ | 6.84 | 16.67 | 3.25 | | 99 | Blend | Liq |
| 07-24-04 | 21061+ | 6.77 | 23.99 | 4.06 | | 99 | Blend | Liq |
| 07-24-04 | 21889 | 7.04 | 23.66 | 3.82 | | 99 | Blend | Liq |
| 10-10-10 | 20833 | 9.73 | 9.72 | 10.76 | | 100 | Blend | Bag |
| 10-10-10 | 21799 | 7.88 * | 9.59 | 9.92 | | 90 * | Blend | Bag |
| 10-10-10 | 22017 | 10.32 | 9.54 | 10.59 | | 102 | Blend | Bag |
| 10-10-10 | 22217 | 10.11 | 10.07 | 9.63 | | 100 | Blend | Bag |
| 10-10-10 | 22276 | 9.02 * | 9.19 | 10.02 | | 94 * | Blend | Bag |
| 10-10-10 | 22318 | 9.37 | 9.20 | 9.66 | | 94 * | Blend | Bag |
| 10-10-10 | 22374 | 9.40 | 9.27 | 10.81 | | 98 | Blend | Bag |
| 10-10-10 | 22613 | 9.42 | 8.92 * | 9.38 | | 92 * | Blend | Bag |
| 10-10-10 | 22650 | 10.21 | 9.41 | 10.06 | | 99 | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 9.49 | 9.43 | 10.09 | | 96.6 | | |
| CV, % | | 7.9 | 3.61 | 5.14 | | | | |
| 15-15-15 | 21804 | 14.49 | 15.86 | 15.04 | | 101 | Blend | Bag |
| 15-15-15 | 22621 | 14.53 | 15.06 | 14.50 | | 98 | Blend | Bag |
| 19-19-19 | 22188 | 20.08 | 19.59 | 17.62 * | | 101 | Blend | Bag |
| 19-19-19 | 22218 | 19.19 | 18.89 | 18.92 | | 100 | Blend | Bag |
| 19-19-19 | 22275 | 18.85 | 18.54 | 19.85 | | 100 | Blend | Bag |
| 19-19-19 | 22372 | 19.24 | 19.13 | 19.05 | | 101 | Blend | Bag |
| 24-00-00 | 20629 | 24.25 | 0.00 | 0.00 | | 101 | Mnfr | Liq |
| 26-00-00 | 20897 | 25.82 | 0.00 | 0.00 | | 99 | Blend | Liq |
| 35-00-00 | 22278 | 32.57 * | 0.00 | 0.00 | | 93 * | Mat | Bag |
| 37-00-00 | 22216 | 36.59 | 0.00 | 0.00 | | 99 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|--------|-------|-----|------|------|
| LOVELAND PRODUCTS, INC. GREELEY CO 80632 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.93 | 98.01 | 102.38 | | | | |
| ALL SAMPLES,CV % | | 5.83 | 5.32 | 8 | | | | |
| NUMBER OF ANALYSIS | | 28 | 24 | 25 | | | | |
| Deficiency Rate = 27.59 % | | | | | | | | |
| MARTIN MARIETTA MANISTEE MI 49660 | | | | | | | | |
| 00-00-00 | 21393+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| MARTIN OPERATING PARTNERSHIP LP KILGORE TX 75663-0191 | | | | | | | | |
| 00-00-00 | 21974+ | 0.00 | 0.00 | 0.00 | | | Mnfr | Bag |
| MATHIS FARM SUPP. MELBER KY 42069 | | | | | | | | |
| 00-00-60 | 20068 | 0.00 | 0.00 | 61.31 | | 102 | Mat | Bulk |
| 05-14-18 | 20275 | 6.33 | 14.68 | 18.76 | | 103 | CM | Bulk |
| 05-14-18 | 20276 | 6.22 | 14.42 | 18.04 | | 101 | CM | Bulk |
| 08-00-44 | 21773 | 8.16 | 0.00 | 44.82 | | 99 | CM | Bulk |
| 08-22-29 | 20272 | 8.75 | 23.03 | 28.80 | | 101 | CM | Bulk |
| 08-22-29 | 20273 | 7.42 * | 19.49 * | 33.68 | | 99 | CM | Bulk |
| 08-22-29 | 20274 | 8.75 | 23.21 | 28.49 | | 101 | CM | Bulk |
| 12-11-28 | 21770+ | 12.38 | 12.63 | 27.06 | | 102 | CM | Bulk |
| 12-11-28 | 21771+ | 11.92 | 12.73 | 27.69 | | 102 | CM | Bulk |
| 13-11-30 | 21775 | 12.45 | 11.72 | 30.86 | | 101 | CM | Bulk |
| 13-15-26 | 21769 | 13.10 | 14.84 | 26.66 | | 100 | CM | Bulk |
| 15-17-22 | 21772 | 15.58 | 17.36 | 21.63 | | 99 | CM | Bulk |
| 15-17-22 | 21774 | 15.01 | 17.62 | 22.52 | | 100 | CM | Bulk |
| 18-46-00 | 20067 | 18.56 | 46.87 | 0.00 | | 102 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.19 | 103.19 | 100.57 | | | | |
| ALL SAMPLES,CV % | | 6.89 | 7.57 | 5.13 | | | | |
| NUMBER OF ANALYSIS | | 13 | 12 | 13 | | | | |
| Deficiency Rate = 7.14 % | | | | | | | | |
| MAYFIELD GRAIN CO. MAYFIELD KY 42066 | | | | | | | | |
| 00-00-60 | 21629 | 0.00 | 0.00 | 59.61 | | 99 | Mat | Bulk |
| 00-00-60 | 21764 | 0.00 | 0.00 | 60.81 | | 101 | Mat | Bulk |
| 07-18-35 | 21766 | 7.29 | 19.49 | 35.64 | | 101 | CM | Bulk |
| 08-22-30 | 21759 | 8.71 | 23.44 | 29.89 | | 100 | CM | Bulk |
| 08-22-30 | 21760 | 8.71 | 22.97 | 30.78 | | 101 | CM | Bulk |
| 08-22-31 | 21761 | 8.41 | 22.01 | 32.40 | | 101 | CM | Bulk |
| 09-23-29 | 21765 | 8.97 | 23.64 | 30.53 | | 102 | CM | Bulk |
| 09-23-30 | 21755 | 8.99 | 23.21 | 30.61 | | 101 | CM | Bulk |
| 09-23-30 | 21756 | 9.18 | 23.56 | 30.28 | | 102 | CM | Bulk |
| 09-23-30 | 21757 | 8.70 | 22.64 | 30.48 | | 100 | CM | Bulk |
| 09-23-30 | 21758 | 7.77 * | 20.82 * | 33.27 | | 99 | CM | Bulk |
| 10-27-23 | 21767 | 10.89 | 28.17 | 23.84 | | 101 | CM | Bulk |
| 18-46-00 | 21630 | 17.83 | 45.76 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21763 | 17.69 | 45.77 | 0.00 | | 99 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|---------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| MAYFIELD GRAIN CO. MAYFIELD KY 42066 | | | | | | | | |
| 27-18-00 | 21753 | 26.53 | 18.94 | 0.00 | | 99 | CM | Bulk |
| 27-18-00 | 21754 | 27.97 | 15.20 * | 0.00 | | 95 * | CM | Bulk |
| 34-00-00 | 21628 | 34.21 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 21762 | 33.56 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.98 | 98.93 | 102.18 | | | | |
| ALL SAMPLES,CV % | | 3.64 | 5.74 | 2.97 | | | | |
| NUMBER OF ANALYSIS | | 16 | 14 | 12 | | | | |
| Deficiency Rate = 11.11 % | | | | | | | | |
| ----- | | | | | | | | |
| MAYFIELD GRAIN HWY 94 WINGO KY 42088 | | | | | | | | |
| 09-23-30 | 21627 | 8.68 | 23.18 | 30.08 | | 100 | CM | Bulk |
| 09-23-30 | 22232 | 9.06 | 23.29 | 30.47 | | 101 | CM | Bulk |
| 09-23-30 | 22233 | 8.84 | 23.26 | 30.71 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| MAYSLICK MILL MAYSLICK KY 41055 | | | | | | | | |
| 00-00-55 | 21404+ | 0.00 | 0.00 | 54.72 | | 98 | CM | Bulk |
| 09-00-10 | 22569 | 10.35 | 0.00 | 10.08 | | 99 | CM | Bulk |
| 15-13-21 | 22566 | 17.00 | 13.58 | 19.66 * | | 99 | CM | Bulk |
| 16-00-26 | 22567 | 16.49 | 0.00 | 26.32 | | 99 | CM | Bulk |
| 19-19-19 | 21405 | 19.41 | 19.85 | 18.88 | | 100 | CM | Bulk |
| 22-14-19 | 22570 | 22.36 | 14.69 | 19.39 | | 100 | CM | Bulk |
| 22-14-19 | 22571 | 21.17 | 15.29 | 20.48 | | 100 | CM | Bulk |
| 23-00-16 | 22568 | 22.84 | 0.00 | 17.39 | | 101 | CM | Bulk |
| 27-12-14 | 21406 | 26.36 | 13.71 | 15.12 | | 101 | CM | Bulk |
| 28-00-09 | 22572 | 28.65 | 0.00 | 9.37 | | 100 | CM | Bulk |
| 36-00-12 | 22460 | 36.38 | 0.00 | 12.97 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.19 | 103.03 | 99.68 | | | | |
| ALL SAMPLES,CV % | | 4.49 | 3.64 | 5.42 | | | | |
| NUMBER OF ANALYSIS | | 10 | 5 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| MEIJER (GRAND) GRAND RAPIDS MI 49544 | | | | | | | | |
| 12-04-08 | 21006 | 12.81 | 4.18 | 11.09 | | 116 | Blend | Bag |
| ----- | | | | | | | | |
| MID STATES AG SALES LLC LAVERGNE TN 37086-1983 | | | | | | | | |
| 00-00-60 | 20548 | 0.00 | 0.00 | 60.62 | | 101 | Mat | Bulk |
| 00-00-60 | 20549 | 0.00 | 0.00 | 59.54 | | 99 | Mat | Bulk |
| 00-00-60 | 20568 | 0.00 | 0.00 | 58.85 | | 98 | Mat | Bulk |
| 18-46-00 | 20571 | 17.69 | 45.66 | 0.00 | | 99 | Mat | Bulk |
| ----- | | | | | | | | |
| MILES SHELBYVILLE SHELBYVILLE KY 40066 | | | | | | | | |
| 05-10-15 | 20021 | 5.07 | 10.24 | 15.93 | | 104 | Blend | Bag |
| 18-24-12 | 20096 | 17.80 | 24.15 | 12.25 | | 100 | Blend | Bag |
| 19-19-19 | 22016 | 18.83 | 19.28 | 19.81 | | 101 | Blend | Bag |
| ----- | | | | | | | | |
| MOSAIC CROP NUTRITION, LLC RIVERVIEW FL 33569 | | | | | | | | |
| 00-00-22 | 20049+ | 0.00 | 0.00 | 21.72 | | 101 | Mat | Bulk |
| 00-00-22 | 22721+ | 0.00 | 0.00 | 22.22 | | 103 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|-------------------------------------|--------|---------------------|--------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| MOSAIC CROP NUTRITION, LLC | | RIVERVIEW FL 33569 | | | | | | |
| 00-00-60 | 21876 | 0.00 | 0.00 | 60.69 | | 101 | Mat | Bulk |
| 00-00-60 | 21877 | 0.00 | 0.00 | 60.64 | | 101 | Mat | Bulk |
| 12-40-00 | 20232+ | 11.74 | 40.50 | 0.00 | | 100 | Mat | Bulk |
| 12-40-00 | 20634+ | 11.50 | 40.72 | 0.00 | | 100 | Mat | Bulk |
| 12-40-00 | 20880+ | 11.99 | 40.15 | 0.00 | | 100 | Mnfr | Bulk |
| 18-46-00 | 21878 | 17.93 | 46.93 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 21879 | 17.88 | 46.57 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 21599 | 46.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.82 | 101.34 | 101.65 | | | | |
| ALL SAMPLES,CV % | | 1.72 | 0.63 | 1.12 | | | | |
| NUMBER OF ANALYSIS | | 6 | 5 | 4 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| OCEAN CREST SEAFOODS, INC. | | GLOUCESTER MA 01930 | | | | | | |
| 02-04-01 | 22662 | 2.38 | 4.20 | 0.00 * | | 96 * | Mnfr | Liq |
| ----- | | | | | | | | |
| OLDFIELD, J.A. & SON | | MIZE KY 41352 | | | | | | |
| 00-00-60 | 22184 | 0.00 | 0.00 | 60.68 | | 101 | Mat | Bulk |
| 05-20-20 | 22179 | 7.62 | 18.97 | 20.81 | | 106 | Blend | Bag |
| 10-10-10 | 21236 | 10.05 | 9.80 | 9.87 | | 99 | Blend | Bag |
| 10-10-10 | 22180 | 9.67 | 9.24 | 10.47 | | 98 | Blend | Bag |
| 10-10-10 | 22344 | 10.43 | 9.59 | 9.57 | | 99 | Blend | Bag |
| 12-12-12 | 22181 | 12.30 | 12.27 | 11.96 | | 102 | Blend | Bag |
| 18-46-00 | 22183 | 17.80 | 46.38 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 22178 | 18.72 | 18.77 | 19.52 | | 100 | Blend | Bag |
| 46-00-00 | 22182 | 46.15 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| PADUCAH-MCCRACKEN RVRPORT AUTHORITY | | PADUCAH KY 42002 | | | | | | |
| 09-23-30 | 22430 | 9.00 | 23.82 | 29.65 | | 101 | CM | Bulk |
| 09-23-30 | 22431 | 9.09 | 23.44 | 30.24 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| PARRISH SHOP/SALES | | HENDERSON KY 42420 | | | | | | |
| 00-00-60 | 20156 | 0.00 | 0.00 | 60.21 | | 100 | Mat | Bulk |
| 00-00-60 | 20160 | 0.00 | 0.00 | 60.28 | | 100 | Mat | Bulk |
| 00-00-60 | 20161 | 0.00 | 0.00 | 59.00 | | 98 | Mat | Bulk |
| 00-00-60 | 20163 | 0.00 | 0.00 | 60.47 | | 101 | Mat | Bulk |
| 18-46-00 | 20157 | 17.66 | 46.66 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20158 | 17.34 | 46.84 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20159 | 17.46 | 46.26 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20162 | 17.49 | 46.57 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| PENNINGTON SEED INC | | GREENFIELD MO 65661 | | | | | | |
| 18-24-06 | 20022+ | 19.71 | 26.48 | 5.58 | | 108 | Blend | Bag |
| ----- | | | | | | | | |
| PLEASANT VIEW FARMS | | AUBURN KY 42206 | | | | | | |
| 17-17-17 | 21514 | 22.34 | 17.71 | 11.05 * | | 98 | CM | Bulk |
| 19-13-17 | 21736 | 19.85 | 13.72 | 17.32 | | 102 | CM | Bulk |
| 20-14-14 | 21456 | 21.12 | 15.23 | 13.68 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|---------------|-------|---------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| PLEASANT VIEW FARMS | AUBURN KY | 42206 | | | | | | |
| 21-16-11 | 21734 | 21.88 | 17.36 | 11.72 | | 103 | CM | Bulk |
| 21-16-11 | 21740 | 22.21 | 16.37 | 11.75 | | 102 | CM | Bulk |
| 22-10-13 | 21735 | 22.91 | 9.41 * | 14.13 | | 100 | CM | Bulk |
| 22-10-13 | 21737 | 22.68 | 10.04 | 13.99 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| POLSON FARM SUPPLY | KNOBLICK KY | 42154 | | | | | | |
| 18-18-18 | 21281 | 18.87 | 18.31 | 19.78 | | 100 | CM | Bulk |
| 19-19-19 | 21277 | 18.53 | 19.57 | 21.14 | | 101 | CM | Bulk |
| 19-19-19 | 21278 | 18.90 | 19.61 | 20.08 | | 101 | CM | Bulk |
| 19-19-19 | 21777 | 18.91 | 18.54 | 20.41 | | 99 | CM | Bulk |
| 24-10-10 | 21280 | 23.36 | 10.89 | 11.75 | | 100 | CM | Bulk |
| 27-13-13 | 21275 | 27.29 | 14.44 | 14.17 | | 102 | CM | Bulk |
| 27-13-13 | 21276 | 26.91 | 13.83 | 14.60 | | 101 | CM | Bulk |
| 27-13-13 | 21279 | 26.92 | 13.88 | 14.70 | | 101 | CM | Bulk |
| 27-13-13 | 21282 | 26.19 | 11.86 * | 16.79 | | 100 | CM | Bulk |
| 27-13-13 | 21836 | 26.57 | 14.09 | 14.49 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 27-13-13 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | | | | | | | |
| | | 26.78 | 13.62 | 14.95 | | 101.1 | | |
| CV, % | | | | | | | | |
| | | 1.55 | 7.44 | 6.99 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.86 | 99.35 | 107.95 | | | | |
| ALL SAMPLES,CV % | | 1.44 | 5.3 | 5.25 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| RIPS FARM CENTER | TOLLESBORO KY | 41189 | | | | | | |
| 00-00-50 | 22299 | 0.00 | 0.00 | 51.08 | | 102 | Mat | Bulk |
| 00-00-60 | 22295 | 0.00 | 0.00 | 61.42 | | 102 | Mat | Bulk |
| 04-11-15 | 22303 | 4.46 | 11.30 | 15.65 | | 101 | CM | Bulk |
| 04-11-15 | 22309 | 4.44 | 11.81 | 15.98 | | 104 | CM | Bulk |
| 05-15-15 | 22301 | 5.93 | 15.23 | 15.36 | | 101 | CM | Bulk |
| 05-15-15 | 22302 | 5.96 | 15.29 | 15.97 | | 103 | CM | Bulk |
| 05-15-15 | 22304 | 5.93 | 15.37 | 15.33 | | 101 | CM | Bulk |
| 05-15-15 | 22305 | 6.08 | 15.39 | 15.97 | | 104 | CM | Bulk |
| 06-15-15 | 22306 | 6.35 | 16.60 | 15.93 | | 103 | CM | Bulk |
| 06-15-15 | 22307 | 6.04 | 15.42 | 15.59 | | 98 | CM | Bulk |
| 09-09-09 | 22308 | 9.60 | 9.99 | 9.55 | | 101 | CM | Bulk |
| 12-08-08 | 22300 | 11.99 | 8.14 | 9.56 | | 98 | CM | Bulk |
| 18-46-00 | 22297 | 18.19 | 46.77 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 22310 | 17.39 | 46.44 | 0.00 | | 100 | Mat | Bulk |
| 21-00-00 | 22298 | 21.17 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 22296 | 45.93 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-----|-------|------|
| RIPS FARM CENTER TOLLESBORO KY 41189 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.87 | 100.73 | 103.13 | | | | |
| ALL SAMPLES,CV % | | 1.96 | 3.42 | 2.81 | | | | |
| NUMBER OF ANALYSIS | | 14 | 12 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ROD MCLELLAN COMPANY INDEPENDENCE OR 97351 | | | | | | | | |
| 06-09-00 | 20403+ | 8.96 | 9.49 | 0.00 | | 123 | Mnfr | Bag |
| 12-00-00 | 22659+ | 15.08 | 0.00 | 0.00 | | 126 | Blend | Bag |
| ROGERS FERTILIZER & SERVICES LEBANON KY 40033 | | | | | | | | |
| 00-00-60 | 20715 | 0.00 | 0.00 | 59.94 | | 100 | Mat | Bulk |
| 07-18-36 | 22208 | 6.94 | 18.33 | 36.26 | | 100 | CM | Bulk |
| 07-18-36 | 22209 | 7.55 | 19.80 | 36.31 | | 103 | CM | Bulk |
| 18-15-24 | 21120 | 18.40 | 15.60 | 24.67 | | 102 | CM | Bulk |
| 18-16-21 | 22206 | 18.13 | 16.52 | 19.48 | | 101 | CM | Bulk |
| 18-16-21 | 22207 | 17.89 | 16.15 | 20.31 | | 101 | CM | Bulk |
| 18-46-00 | 20714 | 17.46 | 46.15 | 0.00 | | 99 | Mat | Bulk |
| 21-00-00 | 20716 | 21.15 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 21-13-13 | 22210 | 21.77 | 12.22 | 13.05 | | 100 | CM | Bulk |
| 21-15-20 | 21119 | 21.63 | 15.73 | 20.08 | | 101 | CM | Bulk |
| 31-00-18 | 21118 | 31.42 | 0.00 | 19.44 | | 101 | CM | Bulk |
| 40-00-00 | 21121 | 40.17 | 0.00 | 0.00 | | 101 | CM | Bulk |
| 46-00-00 | 20713 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.64 | 102.09 | 99.97 | | | | |
| ALL SAMPLES,CV % | | 2.34 | 3.01 | 2.89 | | | | |
| NUMBER OF ANALYSIS | | 12 | 8 | 9 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ROOTBLAST INTERNATIONAL INC CANTON OH 44707 | | | | | | | | |
| 05-06-08 | 21005+ | 7.70 | 7.50 | 9.92 | | 133 | Mnfr | Bag |
| SCHULTZ CO. BRIDGETON MO 63044 | | | | | | | | |
| 10-15-10 | 22603+ | 11.14 | 15.38 | 9.46 | | 103 | Mnfr | Liq |
| SCOTTS MIRACLE-GRO PRODUCTS, INC MARYSVILLE OH 43041 | | | | | | | | |
| 06-09-00 | 22538+ | 8.53 | 10.69 | 0.00 | | 129 | Mnfr | Bag |
| 12-00-00 | 22753+ | 14.62 | 0.00 | 0.00 | | 122 | Mnfr | Bag |
| 12-09-06 | 22755+ | 12.42 | 9.38 | 6.10 | | 103 | Mnfr | Liq |
| 15-05-10 | 22334+ | 15.99 | 4.86 | 10.22 | | 104 | Blend | Bag |
| 24-08-16 | 22193+ | 25.01 | 7.98 | 16.12 | | 103 | Mnfr | Bag |
| SCOTTS SIERRA MARYSVILLE OH 43041 | | | | | | | | |
| 14-14-14 | 22605 | 14.03 | 13.97 | 14.06 | | 100 | Mnfr | Bag |
| 19-06-12 | 22332 | 20.07 | 5.85 | 12.76 | | 105 | Mnfr | Bag |
| SECURITY SEED & CHEMICAL INC (CLA) CLARKSVILLE TN 37040 | | | | | | | | |
| 32-00-00 | 22230 | 31.59 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 32-00-00 | 22259 | 31.73 | 0.00 | 0.00 | | 99 | Mat | Liq |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|------------------------------------|--------|-------------------------|--------|--------|-------|-----|-------|------|
| ----- | | | | | | | | |
| SECURITY SEED & CHEMICAL INC (CLA) | | CLARKSVILLE TN 37040 | | | | | | |
| 32-00-00 | 22627 | 31.54 | 0.00 | 0.00 | | 99 | Mat | Liq |
| ----- | | | | | | | | |
| SECURITY SEED & CHEMICAL INC (MUR) | | MURRAY KY 42071 | | | | | | |
| 06-13-04 | 22122+ | 6.67 | 12.76 | 4.94 | | 109 | CM | Liq |
| ----- | | | | | | | | |
| SEVENTY FEEDS LLC | | EUBANK KY 42567 | | | | | | |
| 00-00-60 | 21069 | 0.00 | 0.00 | 60.89 | | 101 | Mat | Bulk |
| 18-46-00 | 21068 | 18.09 | 46.19 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 21663 | 18.95 | 19.87 | 20.09 | | 103 | CM | Bulk |
| 23-00-30 | 21662 | 21.79 | 0.00 | 31.95 | | 101 | CM | Bulk |
| 25-00-20 | 21664+ | 25.18 | 0.00 | 22.74 | | 104 | CM | Bulk |
| 46-00-00 | 21067 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| SOUTH CENTRAL FARM SUPPLY, INC. | | GAMALIEL KY 42140 | | | | | | |
| 19-19-19 | 21286 | 19.12 | 19.75 | 19.73 | | 101 | CM | Bulk |
| 19-19-19 | 21287 | 18.56 | 20.35 | 20.56 | | 102 | CM | Bulk |
| 25-07-10 | 21283 | 25.16 | 7.81 | 10.45 | | 100 | CM | Bulk |
| 25-07-10 | 21291 | 26.46 | 7.38 | 9.43 | | 100 | CM | Bulk |
| 25-07-10 | 21293 | 26.04 | 7.87 | 10.00 | | 101 | CM | Bulk |
| 26-03-11 | 21294 | 27.46 | 3.53 | 10.43 | | 101 | CM | Bulk |
| 27-11-15 | 21288 | 26.59 | 11.76 | 16.28 | | 101 | CM | Bulk |
| 27-11-15 | 21289 | 26.68 | 11.47 | 16.92 | | 101 | CM | Bulk |
| 27-11-15 | 21295 | 27.29 | 11.78 | 15.20 | | 100 | CM | Bulk |
| 27-13-13 | 21292 | 27.26 | 13.81 | 13.67 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.08 | 101.87 | 102.84 | | | | |
| ALL SAMPLES,CV % | | 2.81 | 2.42 | 5.75 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SOUTHERN AGRICULTURAL INSECTICIDES | | PALMETTO FL 34220 | | | | | | |
| 14-14-14 | 21437 | 14.11 | 13.30 | 14.36 | | 100 | Mnfr | Bag |
| ----- | | | | | | | | |
| SPECTRUM GROUP | | ST. LOUIS MO 63114-0642 | | | | | | |
| 20-27-05 | 20102+ | 19.82 | 28.36 | 5.38 | | 103 | Blend | Bag |
| ----- | | | | | | | | |
| SPEED AG SERVICE | | HICKMAN KY 42050 | | | | | | |
| 00-00-60 | 21617 | 0.00 | 0.00 | 60.13 | | 100 | Mat | Bulk |
| 00-00-60 | 21618 | 0.00 | 0.00 | 58.75 | | 98 | Mat | Bulk |
| 07-19-34 | 21918 | 7.17 | 18.85 | 34.21 | | 97 | CM | Bulk |
| 08-11-35 | 21623 | 8.01 | 11.57 | 34.77 | | 100 | CM | Bulk |
| 08-12-35 | 21615 | 7.83 | 11.58 | 34.83 | | 99 | CM | Bulk |
| 09-23-29 | 21624 | 8.84 | 23.11 | 29.45 | | 99 | CM | Bulk |
| 09-23-30 | 21625 | 8.72 | 22.18 | 30.48 | | 99 | CM | Bulk |
| 09-23-30 | 21919 | 8.22 | 22.44 | 31.58 | | 100 | CM | Bulk |
| 09-23-30 | 21920 | 8.82 | 22.33 | 31.60 | | 101 | CM | Bulk |
| 09-23-30 | 21921 | 8.85 | 22.85 | 30.76 | | 101 | CM | Bulk |
| 10-15-30 | 21614 | 9.41 | 15.43 | 29.78 | | 100 | CM | Bulk |
| 18-46-00 | 21619 | 17.85 | 45.83 | 0.00 | | 99 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| SPEED AG SERVICE HICKMAN KY 42050 | | | | | | | | |
| 21-00-00 | 21621 | 21.02 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 23-30-00 | 21613 | 22.57 | 30.87 | 0.00 | | 99 | CM | Bulk |
| 23-30-00 | 21616 | 23.36 | 30.00 | 0.00 | | 99 | CM | Bulk |
| 23-30-00 | 21626 | 22.88 | 30.38 | 0.00 | | 99 | CM | Bulk |
| 32-00-00 | 21622 | 31.88 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 34-00-00 | 21620 | 33.54 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.75 | 98.97 | 100.91 | | | | |
| ALL SAMPLES,CV % | | 2.51 | 2.03 | 2.47 | | | | |
| NUMBER OF ANALYSIS | | 16 | 13 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SQM NORTH AMERICA ATLANTA GA 30339 | | | | | | | | |
| 20-10-20 | 22614+ | 20.03 | 10.01 | 20.26 | | 101 | Mnfr | Bag |
| ----- | | | | | | | | |
| SS (BOWL) BOWLING GREEN COOP BOWLING GREEN KY 42101 | | | | | | | | |
| 06-15-40 | 20426 | 5.73 | 15.19 | 40.38 | | 100 | CM | Bulk |
| 09-23-30 | 20427 | 8.86 | 22.60 | 31.13 | | 101 | CM | Bulk |
| 19-19-19 | 21210 | 19.20 | 20.06 | 18.99 | | 100 | CM | Bulk |
| 21-11-22 | 21212 | 21.32 | 12.01 | 23.18 | | 101 | CM | Bulk |
| 21-11-22 | 21213 | 22.15 | 11.01 | 23.06 | | 101 | CM | Bulk |
| 23-13-18 | 21216 | 23.58 | 14.20 | 18.04 | | 100 | CM | Bulk |
| 25-16-12 | 21214 | 25.75 | 17.16 | 13.37 | | 101 | CM | Bulk |
| 28-27-00 | 21215 | 27.67 | 26.73 | 0.00 | | 100 | CM | Bulk |
| 31-10-10 | 21217 | 31.63 | 10.30 | 10.44 | | 100 | CM | Bulk |
| 34-00-15 | 21211 | 35.13 | 0.00 | 14.73 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.16 | 100.35 | 101.32 | | | | |
| ALL SAMPLES,CV % | | 1.91 | 2.78 | 2.34 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 9 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (CADI) CADIZ BR CADIZ KY 42211 | | | | | | | | |
| 11-28-22 | 21783 | 10.82 | 28.19 | 24.33 | | 101 | CM | Bulk |
| 11-28-22 | 21786 | 11.02 | 28.39 | 24.06 | | 101 | CM | Bulk |
| 19-19-19 | 21784 | 18.86 | 19.40 | 20.77 | | 101 | CM | Bulk |
| 22-16-16 | 21785 | 22.36 | 17.24 | 17.99 | | 101 | CM | Bulk |
| 32-11-08 | 21478 | 32.33 | 11.64 | 9.01 | | 101 | CM | Bulk |
| 32-11-08 | 21479 | 32.62 | 11.84 | 8.32 | | 101 | CM | Bulk |
| 34-05-11 | 21798 | 33.75 | 6.24 | 11.65 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| SS (CAMP) CAMPBELLSVILLE CAMPBELLSVLE KY 42718 | | | | | | | | |
| 07-18-36 | 20994 | 7.59 | 18.53 | 35.67 | | 100 | CM | Bulk |
| 16-15-25 | 21206 | 16.32 | 15.73 | 27.41 | | 102 | CM | Bulk |
| 18-10-20 | 20996 | 19.19 | 10.92 | 19.68 | | 101 | CM | Bulk |
| 18-10-27 | 21188 | 17.86 | 10.72 | 28.36 | | 100 | CM | Bulk |
| 18-10-28 | 21187 | 17.45 | 11.03 | 28.74 | | 101 | CM | Bulk |
| 18-13-18 | 21184 | 18.49 | 14.60 | 18.43 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|---------|--------|---------|-------|-----|------|------|
| ----- | | | | | | | | |
| SS (CAMP) CAMPBELLSVILLE CAMPBELLSVILLE KY 42718 | | | | | | | | |
| 19-19-19 | 21182 | 18.70 | 18.68 | 20.88 | | 100 | CM | Bulk |
| 20-11-15 | 21189 | 20.03 | 11.40 | 18.55 | | 103 | CM | Bulk |
| 20-12-15 | 21181 | 21.09 | 11.36 | 16.73 | | 102 | CM | Bulk |
| 20-12-23 | 21190 | 19.85 | 11.42 | 25.43 | | 100 | CM | Bulk |
| 24-15-15 | 21183 | 23.77 | 15.33 | 16.63 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.41 | 99.20 | 105.04 | | | | |
| ALL SAMPLES,CV % | | 3.32 | 4.03 | 5.87 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (CARL) OWINGS SVC-CARLISLE BR CARLISLE KY 40311 | | | | | | | | |
| 12-01-21 | 22445 | 12.77 | 2.11 | 22.62 | | 106 | CM | Bulk |
| 12-01-21 | 22446 | 12.02 | 1.90 | 21.22 | | 99 | CM | Bulk |
| 14-04-18 | 22451 | 14.65 | 4.55 | 19.64 | | 104 | CM | Bulk |
| 15-06-07 | 22174 | 15.48 | 5.93 | 8.71 | | 100 | CM | Bulk |
| 23-08-19 | 22444 | 22.99 | 8.05 | 21.24 | | 102 | CM | Bulk |
| 23-08-19 | 22447 | 23.48 | 8.22 | 20.44 | | 101 | CM | Bulk |
| 24-11-16 | 22448 | 24.36 | 10.23 | 18.32 | | 102 | CM | Bulk |
| 26-09-16 | 22449 | 25.70 | 9.16 | 17.51 | | 101 | CM | Bulk |
| 30-00-18 | 22450 | 30.57 | 0.00 | 18.63 | | 101 | CM | Bulk |
| 30-00-18 | 22452 | 29.37 | 0.00 | 20.02 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.78 | 102.81 | 106.44 | | | | |
| ALL SAMPLES,CV % | | 2.23 | 8.3 | 3.36 | | | | |
| NUMBER OF ANALYSIS | | 10 | 8 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (CLAY) CLAY KY 42404 | | | | | | | | |
| 09-23-30 | 22063 | 8.92 | 23.21 | 30.13 | | 100 | CM | Bulk |
| 09-23-30 | 22072 | 9.27 | 23.32 | 29.36 | | 100 | CM | Bulk |
| 09-23-30 | 22073 | 9.16 | 23.27 | 29.94 | | 101 | CM | Bulk |
| 09-23-30 | 22074 | 9.04 | 23.91 | 28.74 | | 100 | CM | Bulk |
| 11-21-27 | 22065 | 12.40 | 22.16 | 26.54 | | 101 | CM | Bulk |
| 11-21-27 | 22066 | 12.36 | 22.27 | 26.58 | | 101 | CM | Bulk |
| 19-19-19 | 22064 | 19.39 | 19.90 | 19.44 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| SS (COLU) GREEN RVR SVC ADAIR COLUMBIA KY 42728 | | | | | | | | |
| 19-00-25 | 21157 | 19.16 | 0.00 | 27.36 | | 103 | CM | Bulk |
| 19-19-19 | 21553 | 18.88 | 19.59 | 20.15 | | 101 | CM | Bulk |
| 19-19-19 | 21556 | 18.74 | 20.31 | 19.62 | | 101 | CM | Bulk |
| 21-09-14 | 21558 | 21.24 | 10.74 | 16.12 | | 103 | CM | Bulk |
| 23-00-30 | 20785 | 21.97 | 0.00 | 31.95 | | 101 | CM | Bulk |
| 23-00-30 | 21559 | 21.56 | 0.00 | 31.27 | | 99 | CM | Bulk |
| 25-11-17 | 21156 | 25.52 | 12.86 | 16.39 | | 100 | CM | Bulk |
| 25-11-17 | 21554 | 24.88 | 11.79 | 18.74 | | 101 | CM | Bulk |
| 25-11-17 | 21555 | 26.71 | 15.64 | 12.59 * | | 101 | CM | Bulk |
| 26-08-08 | 21557 | 21.55 * | 8.33 | 17.12 | | 107 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|--------|--------|-------|-----|------|------|
| SS (COLU) GREEN RVR SVC ADAIR COLUMBIA KY 42728 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.44 | 109.07 | 111.61 | | | | |
| ALL SAMPLES,CV % | | 6 | 10.92 | 32.85 | | | | |
| NUMBER OF ANALYSIS | | 10 | 7 | 10 | | | | |
| Deficiency Rate = 20.00 % | | | | | | | | |
| SS (CYN) LEXINGTON COOP-CYN BRANCH CYNTHIANA KY 41031 | | | | | | | | |
| 07-17-31 | 21795+ | 6.64 | 15.76 | 33.12 | | 102 | CM | Bulk |
| 07-17-31 | 21796+ | 6.18 | 16.16 | 32.55 | | 100 | CM | Bulk |
| 07-17-31 | 21797+ | 6.45 | 16.60 | 32.59 | | 102 | CM | Bulk |
| 10-00-17 | 22685+ | 9.93 | 0.00 | 16.97 | | 103 | CM | Bulk |
| 13-02-13 | 22686 | 12.91 | 3.66 | 13.84 | | 101 | CM | Bulk |
| 13-03-12 | 22684 | 12.66 | 6.10 | 12.59 | | 106 | CM | Bulk |
| 13-03-13 | 22678 | 13.62 | 3.37 | 14.35 | | 106 | CM | Bulk |
| 16-00-33 | 22680 | 15.78 | 0.00 | 34.39 | | 101 | CM | Bulk |
| 17-04-16 | 22683+ | 17.09 | 4.52 | 15.80 | | 101 | CM | Bulk |
| 17-04-17 | 22687+ | 15.66 | 4.39 | 18.01 | * | 103 | CM | Bulk |
| 18-03-15 | 22681+ | 17.04 | 4.12 | 15.99 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.42 | 117.45 | 104.01 | | | | |
| ALL SAMPLES,CV % | | 3.25 | 27.57 | 3.67 | | | | |
| NUMBER OF ANALYSIS | | 11 | 9 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (ELIZ) HARDIN COOP, INC ELIZABETHTOWN KY 42701 | | | | | | | | |
| 06-15-40 | 21354 | 6.01 | 15.65 | 41.32 | | 103 | CM | Bulk |
| 06-17-37 | 21350+ | 6.44 | 16.35 | 36.79 | | 97 | CM | Bulk |
| 10-16-33 | 21347+ | 10.23 | 17.10 | 34.22 | | 102 | CM | Bulk |
| 10-16-33 | 21348+ | 10.35 | 16.91 | 34.31 | | 102 | CM | Bulk |
| 18-18-18 | 21346 | 18.88 | 19.43 | 18.78 | | 101 | CM | Bulk |
| 18-18-18 | 21349 | 18.59 | 19.23 | 19.49 | | 102 | CM | Bulk |
| 18-18-18 | 21353 | 17.57 | 18.16 | 20.67 | | 101 | CM | Bulk |
| 19-19-19 | 21351 | 19.45 | 19.53 | 19.53 | | 101 | CM | Bulk |
| 19-19-19 | 21352 | 19.53 | 19.28 | 20.16 | | 101 | CM | Bulk |
| 30-00-20 | 21355 | 31.11 | 0.00 | 19.91 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.31 | 100.60 | 102.60 | | | | |
| ALL SAMPLES,CV % | | 2.21 | 2.74 | 2.98 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (ELKT) RUSS.-TODD BRANCH ELKTON KY 42220 | | | | | | | | |
| 06-15-20 | 21049 | 6.78 | 16.03 | 20.82 | | 104 | CM | Bulk |
| 12-30-20 | 21511 | 11.96 | 30.63 | 20.08 | | 100 | CM | Bulk |
| 12-30-20 | 21512 | 12.26 | 31.06 | 19.68 | | 101 | CM | Bulk |
| 19-19-19 | 21050 | 19.40 | 20.29 | 19.33 | | 102 | CM | Bulk |
| 19-19-19 | 21513 | 19.29 | 19.31 | 19.65 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|---------|--------|-------|-------|------|------|
| SS (ELKT) RUSS.-TODD BRANCH ELKTON KY 42220 | | | | | | | | |
| 23-13-18 | 21470 | 23.01 | 14.09 | 19.35 | | 101 | CM | Bulk |
| 27-00-24 | 21510 | 27.31 | 0.00 | 25.54 | | 102 | CM | Bulk |
| 27-11-15 | 21472 | 27.92 | 11.70 | 14.68 | | 101 | CM | Bulk |
| 29-27-00 | 21471+ | 28.71 | 28.65 | 0.00 | | 101 | CM | Bulk |
| 32-23-00 | 21469 | 32.30 | 22.17 | 0.00 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.02 | 101.45 | 101.74 | | | | |
| ALL SAMPLES,CV % | | 3.94 | 2.5 | 3.4 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 8 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (EMIN) INC KNTCKANA SVC-HENRY BR EMINENCE KY 40019-9801 | | | | | | | | |
| 06-13-40 | 21675+ | 6.34 | 13.31 | 41.24 | | 101 | CM | Bulk |
| 07-18-35 | 20853+ | 7.05 | 18.59 | 36.57 | | 101 | CM | Bulk |
| 08-22-29 | 20854 | 8.27 | 22.31 | 30.66 | | 101 | CM | Bulk |
| 14-07-18 | 22543 | 15.56 | 7.26 | 17.86 | | 101 | CM | Bulk |
| 15-15-23 | 22542 | 15.39 | 15.25 | 24.15 | | 100 | CM | Bulk |
| 19-19-19 | 21115 | 17.94 | 16.77 * | 24.25 | | 101 | CM | Bulk |
| 19-19-19 | 21678 | 19.22 | 19.05 | 20.28 | | 101 | CM | Bulk |
| 19-19-19 | 22007 | 19.39 | 18.62 | 19.62 | | 99 | CM | Bulk |
| 19-19-19 | 22008 | 19.48 | 19.38 | 18.64 | | 99 | CM | Bulk |
| 19-19-19 | 22009 | 18.93 | 18.82 | 20.91 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 18.99 | 18.53 | 20.74 | | 100.1 | | |
| CV, % | | 3.29 | 5.51 | 10.29 | | | | |
| 22-15-19 | 21116 | 22.73 | 13.44 * | 19.79 | | 100 | CM | Bulk |
| 24-00-16 | 22541 | 24.01 | 0.00 | 15.39 | | 97 * | CM | Bulk |
| 28-11-14 | 22010+ | 27.71 | 10.99 | 15.76 | | 101 | CM | Bulk |
| 28-11-14 | 22011+ | 28.21 | 10.30 | 15.02 | | 100 | CM | Bulk |
| 45-00-00 | 21117 | 45.71 | 0.00 | 0.00 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.98 | 97.06 | 103.87 | | | | |
| ALL SAMPLES,CV % | | 3.65 | 4.61 | 7.44 | | | | |
| NUMBER OF ANALYSIS | | 15 | 13 | 14 | | | | |
| Deficiency Rate = 20.00 % | | | | | | | | |
| SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041 | | | | | | | | |
| 04-12-12 | 21418 | 4.76 | 11.61 | 12.15 | | 96 * | CM | Bulk |
| 06-17-37 | 22697 | 6.75 | 17.44 | 38.46 | | 102 | CM | Bulk |
| 07-20-33 | 22696 | 7.90 | 20.99 | 33.59 | | 101 | CM | Bulk |
| 19-19-19 | 21408 | 19.26 | 19.28 | 20.09 | | 101 | CM | Bulk |
| 28-06-17 | 22694 | 28.85 | 6.88 | 17.45 | | 101 | CM | Bulk |
| 28-06-17 | 22695 | 29.09 | 6.78 | 17.19 | | 101 | CM | Bulk |
| 30-09-12 | 22693 | 30.13 | 10.36 | 12.68 | | 101 | CM | Bulk |
| 30-10-11 | 21409 | 30.26 | 10.85 | 11.93 | | 100 | CM | Bulk |
| 43-00-00 | 21407 | 42.31 | 0.00 | 0.00 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|---------|-------|-----|------|------|
| SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041 | | | | | | | | |
| SS (FRAN) SIMPSON COOP FRANKLIN KY 42134 | | | | | | | | |
| 04-11-45 | 20207 | 4.70 | 11.71 | 44.28 | | 100 | CM | Bulk |
| 06-17-11 | 20202 | 7.38 | 17.48 | 11.91 | | 105 | CM | Bulk |
| 06-17-11 | 20204 | 7.52 | 17.88 | 11.01 | | 105 | CM | Bulk |
| 06-17-11 | 20205 | 7.09 | 17.54 | 11.23 | | 103 | CM | Bulk |
| 08-21-28 | 20198 | 8.41 | 21.74 | 28.13 | | 101 | CM | Bulk |
| 10-27-24 | 20199 | 10.43 | 28.61 | 23.40 | | 100 | CM | Bulk |
| 10-27-24 | 20200 | 10.86 | 28.00 | 24.25 | | 101 | CM | Bulk |
| 10-27-24 | 20201 | 10.53 | 28.28 | 24.33 | | 101 | CM | Bulk |
| 12-31-16 | 20197 | 11.18 | 29.35 * | 18.64 | | 100 | CM | Bulk |
| 12-32-17 | 20203 | 12.14 | 33.44 | 17.62 | | 100 | CM | Bulk |
| 12-32-17 | 20206 | 12.41 | 33.02 | 16.97 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.08 | 101.62 | 102.38 | | | | |
| ALL SAMPLES,CV % | | 6.65 | 2.61 | 5.93 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| SS (GEOR) GEORGETOWN COOP GEORGETOWN KY 40324 | | | | | | | | |
| 01-02-06 | 21270 | 2.49 | 5.54 | 5.04 * | | 133 | CM | Bulk |
| 01-04-51 | 22157+ | 2.13 | 5.03 | 51.95 | | 101 | CM | Bulk |
| 20-00-24 | 21271 | 21.94 | 0.00 | 22.49 * | | 102 | CM | Bulk |
| 25-00-02 | 21269+ | 25.09 | 0.00 | 2.30 | | 101 | CM | Bulk |
| 26-04-21 | 22155 | 25.60 | 5.01 | 24.35 | | 103 | CM | Bulk |
| 26-04-21 | 22156 | 26.36 | 4.55 | 22.91 | | 102 | CM | Bulk |
| 26-04-21 | 22159 | 25.98 | 5.00 | 22.43 | | 101 | CM | Bulk |
| 26-04-21 | 22160 | 25.20 | 4.63 | 24.77 | | 102 | CM | Bulk |
| 27-00-24 | 21268 | 26.78 | 0.00 | 26.34 | | 102 | CM | Bulk |
| 35-00-14 | 22158 | 35.32 | 0.00 | 15.31 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 114.63 | 121.36 | 103.19 | | | | |
| ALL SAMPLES,CV % | | 37.58 | 34.3 | 10.04 | | | | |
| NUMBER OF ANALYSIS | | 10 | 6 | 10 | | | | |
| Deficiency Rate = 20.00 % | | | | | | | | |
| SS (GLAS) GLASGOW COOP GLASGOW KY 42141 | | | | | | | | |
| 17-17-17 | 21137 | 18.77 | 18.14 | 16.04 * | | 100 | CM | Bulk |
| 18-18-18 | 21138 | 18.40 | 18.56 | 20.67 | | 101 | CM | Bulk |
| 19-19-19 | 20928 | 19.45 | 19.24 | 18.73 | | 99 | CM | Bulk |
| 19-19-19 | 21273 | 19.62 | 18.54 | 20.25 | | 101 | CM | Bulk |
| 19-19-19 | 21274 | 19.47 | 20.04 | 19.99 | | 102 | CM | Bulk |
| 22-14-18 | 20929 | 21.56 | 14.77 | 19.13 | | 98 | CM | Bulk |
| 25-16-12 | 20925 | 25.22 | 16.82 | 13.67 | | 100 | CM | Bulk |
| 27-13-13 | 20923 | 26.13 | 13.82 | 15.11 | | 100 | CM | Bulk |
| 27-13-13 | 20926 | 26.45 | 13.14 | 13.52 | | 97 | CM | Bulk |
| 27-13-13 | 20930 | 26.25 | 13.45 | 13.82 | | 98 | CM | Bulk |
| 27-13-13 | 20931 | 26.40 | 12.87 | 14.95 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|----------------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| SS (GLAS) GLASGOW COOP | | GLASGOW KY | 42141 | | | | | |
| 27-14-14 | 20924 | 26.95 | 13.60 | 14.03 | | 100 | CM | Bulk |
| 29-11-12 | 21272 | 30.16 | 11.16 | 11.80 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.95 | 98.91 | 102.42 | | | | |
| ALL SAMPLES,CV % | | 3.07 | 2.77 | 5.65 | | | | |
| NUMBER OF ANALYSIS | | 13 | 13 | 13 | | | | |
| Deficiency Rate = 7.69 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (GREE) GREENVILLE KY SVC | | GREENVILLE KY | 42345 | | | | | |
| 09-23-30 | 21727 | 9.01 | 24.93 | 28.80 | | 101 | CM | Bulk |
| 09-23-30 | 21728 | 8.42 | 23.60 | 30.68 | | 101 | CM | Bulk |
| 09-23-30 | 21729 | 8.99 | 24.76 | 29.71 | | 102 | CM | Bulk |
| 09-23-30 | 21731 | 8.29 | 22.78 | 30.48 | | 99 | CM | Bulk |
| 16-16-16 | 21861 | 16.82 | 17.89 | 17.27 | | 103 | CM | Bulk |
| 27-13-13 | 21730 | 26.70 | 14.57 | 14.06 | | 101 | CM | Bulk |
| 30-10-10 | 21858 | 30.82 | 11.81 | 10.68 | | 103 | CM | Bulk |
| 30-10-10 | 21859 | 29.89 | 11.36 | 11.28 | | 101 | CM | Bulk |
| 30-10-10 | 21860 | 28.72 * | 10.37 | 14.20 | | 102 | CM | Bulk |
| 30-10-10 | 21863 | 28.14 * | 10.95 | 14.46 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.86 | 105.39 | 107.14 | | | | |
| ALL SAMPLES,CV % | | 3.59 | 4.29 | 12.66 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 20.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (HARD) BRECK SERVICE | | HARDINBURG KY | 40143 | | | | | |
| 08-17-34 | 21552 | 8.91 | 17.87 | 34.77 | | 101 | CM | Bulk |
| 08-22-31 | 22532 | 8.68 | 21.99 | 32.06 | | 101 | CM | Bulk |
| 10-26-25 | 22531 | 10.41 | 26.13 | 26.23 | | 101 | CM | Bulk |
| 12-12-18 | 22529 | 12.33 | 12.34 | 17.82 | | 99 | CM | Bulk |
| 19-19-19 | 22530 | 19.02 | 19.90 | 19.77 | | 101 | CM | Bulk |
| 23-15-16 | 21551 | 24.53 | 15.17 | 16.12 | | 100 | CM | Bulk |
| 25-15-15 | 21548 | 24.99 | 14.40 | 16.11 | | 100 | CM | Bulk |
| 27-13-13 | 21546 | 27.18 | 14.27 | 13.51 | | 101 | CM | Bulk |
| 27-13-13 | 21547 | 27.20 | 13.70 | 13.68 | | 100 | CM | Bulk |
| 32-09-09 | 21549 | 32.16 | 9.73 | 10.86 | | 101 | CM | Bulk |
| 32-09-09 | 21550 | 32.68 | 8.11 * | 11.16 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.43 | 98.15 | 103.13 | | | | |
| ALL SAMPLES,CV % | | 1.45 | 5.95 | 5.17 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (HARR) CNTRL KY SVC | | HARRODSBURG KY | 40330 | | | | | |
| 17-00-37 | 20887+ | 16.65 | 0.00 | 37.14 | | 99 | CM | Bulk |
| ----- | | | | | | | | |
| SS (HEND) HENDERSON COOP | | HENDERSON KY | 42420 | | | | | |
| 00-21-28 | 20446+ | 0.00 | 22.43 | 29.21 | | 104 | CM | Bulk |
| 00-21-29 | 20441 | 0.00 | 22.65 | 28.86 | | 104 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (HEND) HENDERSON COOP HENDERSON KY 42420 | | | | | | | | |
| 00-21-29 | 20442+ | 0.00 | 22.27 | 29.57 | | 104 | CM | Bulk |
| 00-21-29 | 20443+ | 0.00 | 23.45 | 28.15 | | 104 | CM | Bulk |
| 00-21-29 | 20444+ | 0.00 | 22.29 | 28.99 | | 103 | CM | Bulk |
| 00-21-29 | 20445+ | 0.00 | 22.52 | 28.96 | | 104 | CM | Bulk |
| 00-21-29 | 20447+ | 0.00 | 22.94 | 28.85 | | 104 | CM | Bulk |
| 00-21-29 | 20448+ | 0.00 | 22.20 | 29.58 | | 104 | CM | Bulk |
| 00-21-29 | 20449+ | 0.00 | 23.02 | 28.43 | | 104 | CM | Bulk |
| Statistical Analysis for Grade : 00-21-29 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 0.00 | 22.67 | 28.92 | | 103.8 | | |
| CV, % | | 0 | 1.93 | 1.71 | | | | |
| ----- | | | | | | | | |
| SS (HODG) HARDIN COOP HODG BR SVC HODGENVILLE KY 42748 | | | | | | | | |
| 05-12-43 | 20813+ | 5.36 | 13.65 | 43.44 | | 102 | CM | Bulk |
| 07-20-33 | 20806 | 7.79 | 20.43 | 35.25 | | 103 | CM | Bulk |
| 08-20-17 | 20821+ | 8.03 | 20.77 | 17.53 | | 103 | CM | Bulk |
| 09-24-28 | 20514 | 9.66 | 25.17 | 28.73 | | 102 | CM | Bulk |
| 09-24-28 | 20515 | 9.22 | 24.74 | 29.30 | | 102 | CM | Bulk |
| 09-24-28 | 20518 | 9.01 | 25.09 | 28.96 | | 101 | CM | Bulk |
| 09-24-28 | 20519 | 9.31 | 24.76 | 28.99 | | 101 | CM | Bulk |
| 10-25-26 | 20430 | 10.29 | 26.61 | 25.88 | | 101 | CM | Bulk |
| 10-25-28 | 20805 | 9.28 | 24.57 | 27.60 | | 99 | CM | Bulk |
| 19-19-19 | 20817 | 19.42 | 19.91 | 19.29 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.64 | 102.65 | 101.44 | | | | |
| ALL SAMPLES,CV % | | 3.42 | 1.62 | 1.83 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (HOPK) HOPKINSVILLE COOP HOPKINSVILLE KY 42240 | | | | | | | | |
| 07-18-17 | 20214 | 6.96 | 17.89 | 16.92 | | 100 | CM | Bulk |
| 07-18-17 | 20219 | 7.09 | 17.95 | 17.46 | | 102 | CM | Bulk |
| 07-18-18 | 20215 | 6.94 | 17.96 | 16.94 | | 100 | CM | Bulk |
| 09-22-29 | 20977+ | 8.62 | 22.68 | 29.06 | | 101 | CM | Bulk |
| 09-22-29 | 20978+ | 8.28 | 20.91 | 30.98 | | 101 | CM | Bulk |
| 10-25-25 | 20825+ | 9.81 | 26.18 | 25.74 | | 103 | CM | Bulk |
| 10-25-25 | 20826+ | 9.97 | 26.02 | 25.67 | | 103 | CM | Bulk |
| 10-27-23 | 20823+ | 10.44 | 27.72 | 23.51 | | 102 | CM | Bulk |
| 10-27-23 | 20824+ | 10.24 | 27.91 | 23.05 | | 102 | CM | Bulk |
| 18-18-21 | 20827+ | 17.52 | 19.59 | 22.69 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.14 | 103.25 | 100.74 | | | | |
| ALL SAMPLES,CV % | | 2.26 | 3.02 | 3.12 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (HORS) HORSE CAVE COOP HORSE CAVE KY 42749 | | | | | | | | |
| 11-16-31 | 21143 | 9.81 * | 9.83 * | 38.63 | | 96 * | CM | Bulk |
| 11-30-19 | 21223 | 12.52 | 31.60 | 17.60 * | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|---------|---------|--------|-------|------|------|------|
| SS (HORS) HORSE CAVE COOP HORSE CAVE KY 42749 | | | | | | | | |
| 16-18-24 | 21144 | 15.51 | 18.22 | 25.63 | | 101 | CM | Bulk |
| 19-19-19 | 21141 | 17.45 * | 15.57 * | 24.00 | | 97 | CM | Bulk |
| 19-19-19 | 21145 | 18.08 | 19.35 | 21.53 | | 101 | CM | Bulk |
| 21-09-22 | 21140 | 21.69 | 8.38 | 22.33 | | 100 | CM | Bulk |
| 21-09-23 | 21221 | 19.85 * | 5.09 * | 30.09 | | 99 | CM | Bulk |
| 26-14-14 | 21222 | 26.54 | 14.47 | 14.32 | | 101 | CM | Bulk |
| 32-23-00 | 21139 | 30.16 * | 22.18 | 0.00 | | 95 * | CM | Bulk |
| 32-23-00 | 21142 | 30.30 * | 15.32 * | 0.00 | | 84 * | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 94.62 | 85.86 | 110.01 | | | | |
| ALL SAMPLES,CV % | | 6.7 | 21.81 | 11.98 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 8 | | | | |
| Deficiency Rate = 60.00 % | | | | | | | | |
| SS (LAGR) KY SVC BR-LAGRANGE BR LAGRANGE KY 40031 | | | | | | | | |
| 05-16-38 | 21673 | 5.19 | 15.68 | 37.60 | | 100 | CM | Bulk |
| 06-20-30 | 21669 | 6.12 | 20.29 | 30.16 | | 101 | CM | Bulk |
| 15-22-21 | 21113 | 15.69 | 21.69 | 21.82 | | 99 | CM | Bulk |
| 16-00-38 | 21112 | 17.05 | 0.00 | 38.74 | | 102 | CM | Bulk |
| 23-16-16 | 21110 | 23.68 | 17.27 | 16.51 | | 102 | CM | Bulk |
| 23-16-16 | 21111 | 23.91 | 16.77 | 15.82 | | 101 | CM | Bulk |
| 27-13-13 | 21670 | 27.71 | 13.28 | 13.52 | | 100 | CM | Bulk |
| 27-13-13 | 21672 | 27.40 | 13.69 | 13.94 | | 101 | CM | Bulk |
| 31-10-10 | 21671 | 31.40 | 10.97 | 11.14 | | 102 | CM | Bulk |
| 31-10-10 | 21674 | 32.28 | 10.19 | 10.92 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.57 | 100.42 | 100.93 | | | | |
| ALL SAMPLES,CV % | | 1.81 | 3.34 | 2.83 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (LEBA) LEBANON SVC SPRINGFIELD KY 40069 | | | | | | | | |
| 07-19-34 | 21840 | 7.72 | 19.55 | 35.47 | | 102 | CM | Bulk |
| 07-19-34 | 21841 | 7.51 | 19.17 | 35.95 | | 101 | CM | Bulk |
| 15-11-13 | 21100 | 14.44 | 11.00 | 16.49 | | 103 | CM | Bulk |
| 15-11-13 | 21101 | 15.74 | 11.02 | 13.49 | | 100 | CM | Bulk |
| 19-10-26 | 21102 | 18.96 | 9.68 | 28.23 | | 101 | CM | Bulk |
| 19-10-26 | 21103 | 19.36 | 9.09 * | 28.38 | | 101 | CM | Bulk |
| SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754 | | | | | | | | |
| 03-08-46 | 20882 | 3.87 | 9.66 | 45.43 | | 102 | CM | Bulk |
| 04-12-43 | 21020 | 5.35 | 13.02 | 43.33 | | 101 | CM | Bulk |
| 14-19-25 | 21431 | 14.91 | 19.80 | 25.52 | | 101 | CM | Bulk |
| 19-19-19 | 21421 | 19.13 | 19.94 | 20.09 | | 102 | CM | Bulk |
| 19-19-19 | 21422 | 19.51 | 20.34 | 19.17 | | 102 | CM | Bulk |
| 19-19-19 | 21427 | 18.96 | 19.82 | 20.52 | | 102 | CM | Bulk |
| 19-19-19 | 21428 | 19.06 | 20.36 | 19.52 | | 101 | CM | Bulk |
| 19-19-19 | 21430 | 19.56 | 19.52 | 19.35 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754 | | | | | | | | |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.24 | 20.00 | 19.73 | | 101.4 | | |
| CV, % | | 1.42 | 1.79 | 2.84 | | | | |
| 22-09-24 | 21423 | 21.90 | 9.08 | 24.67 | | 101 | CM | Bulk |
| 23-16-16 | 21429 | 24.15 | 15.94 | 16.21 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.58 | 103.04 | 101.03 | | | | |
| ALL SAMPLES,CV % | | 5.44 | 4.07 | 2.41 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (LIBE) LIBERTY SVC LIBERTY KY 42539 | | | | | | | | |
| 02-11-11 | 21250+ | 4.33 | 12.74 | 12.61 | | 119 | CM | Bulk |
| 08-03-04 | 22243 | 7.72 | 3.78 | 5.14 | | 102 | CM | Bulk |
| 08-04-04 | 21245 | 9.22 | 5.08 | 4.91 | | 107 | CM | Bulk |
| 16-18-24 | 22242 | 15.77 | 17.82 | 25.62 | | 100 | CM | Bulk |
| 19-19-19 | 21246 | 17.94 | 19.54 | 19.94 | | 98 | CM | Bulk |
| 19-19-19 | 21247 | 20.22 | 20.58 | 18.99 | | 103 | CM | Bulk |
| 19-19-19 | 21248 | 20.23 | 19.20 | 21.04 | | 104 | CM | Bulk |
| 24-13-16 | 21249+ | 24.55 | 13.81 | 17.30 | | 102 | CM | Bulk |
| 28-07-16 | 22240+ | 26.19 * | 7.45 | 20.27 | | 101 | CM | Bulk |
| 28-07-16 | 22241+ | 27.88 | 7.59 | 17.83 | | 101 | CM | Bulk |
| 29-11-11 | 21244 | 29.33 | 11.63 | 12.31 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.51 | 102.69 | 108.63 | | | | |
| ALL SAMPLES,CV % | | 16.63 | 6.19 | 6.97 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (LOND) LONDON COOP LONDON KY 40741 | | | | | | | | |
| 06-15-40 | 21499 | 5.98 | 15.61 | 39.89 | | 100 | CM | Bulk |
| 07-20-20 | 21494 | 7.93 | 20.50 | 19.21 | | 100 | CM | Bulk |
| 09-23-23 | 21497 | 9.91 | 25.05 | 23.39 | | 102 | CM | Bulk |
| 10-10-10 | 21495 | 8.04 * | 9.93 | 9.40 | | 90 * | CM | Bulk |
| 18-18-20 | 21492 | 17.72 | 19.59 | 21.40 | | 100 | CM | Bulk |
| 19-19-19 | 21490 | 18.68 | 18.78 | 20.42 | | 99 | CM | Bulk |
| 19-19-19 | 21491 | 18.87 | 19.86 | 19.87 | | 101 | CM | Bulk |
| 19-19-19 | 21493 | 18.17 | 21.06 | 19.45 | | 101 | CM | Bulk |
| 19-19-19 | 21496 | 19.39 | 19.25 | 19.11 | | 99 | CM | Bulk |
| 27-13-13 | 21498 | 26.96 | 14.24 | 13.56 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|---------|-------|------|------|------|
| SS (LOND) LONDON COOP LONDON KY 40741 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.91 | 102.51 | 99.69 | | | | |
| ALL SAMPLES,CV % | | 7.03 | 3.31 | 3.59 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| SS (MAYS) MAYSVILLE COOP MAYSVILLE KY 41056-0668 | | | | | | | | |
| 03-08-18 | 22458 | 3.58 | 8.69 | 16.79 * | | 95 * | CM | Bulk |
| 05-14-39 | 21392+ | 5.52 | 14.16 | 40.26 | | 101 | CM | Bulk |
| 08-22-30 | 22173 | 9.13 | 22.90 | 30.31 | | 101 | CM | Bulk |
| 09-23-29 | 22172 | 9.29 | 23.12 | 30.34 | | 101 | CM | Bulk |
| 17-14-25 | 22453 | 17.36 | 14.95 | 25.70 | | 100 | CM | Bulk |
| 17-14-25 | 22454 | 17.12 | 15.25 | 25.22 | | 100 | CM | Bulk |
| 26-15-13 | 22456 | 26.28 | 15.23 | 13.71 | | 100 | CM | Bulk |
| 28-06-17 | 21390 | 29.43 | 6.27 | 16.90 | | 100 | CM | Bulk |
| 28-06-17 | 21391 | 28.40 | 6.04 | 18.10 | | 100 | CM | Bulk |
| 30-07-11 | 22457 | 31.12 | 7.49 | 11.50 | | 100 | CM | Bulk |
| 40-00-06 | 22459 | 40.05 | 0.00 | 7.61 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.45 | 98.76 | 101.45 | | | | |
| ALL SAMPLES,CV % | | 2.55 | 3.08 | 5.78 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437 | | | | | | | | |
| 00-23-27 | 20407 | 0.00 | 25.68 | 28.57 | | 106 | CM | Bulk |
| 00-23-27 | 20408 | 0.00 | 25.62 | 28.01 | | 105 | CM | Bulk |
| 00-25-25 | 20406+ | 0.00 | 26.67 | 26.77 | | 106 | CM | Bulk |
| 09-23-30 | 21965 | 8.68 | 23.11 | 30.97 | | 101 | CM | Bulk |
| 09-23-30 | 21966 | 8.62 | 22.88 | 31.31 | | 101 | CM | Bulk |
| 09-23-30 | 21967 | 8.73 | 23.87 | 30.88 | | 102 | CM | Bulk |
| SS (NICH) NICHOLASVILLE SVC NICHOLASVILLE KY 40356 | | | | | | | | |
| 15-00-26 | 22584 | 16.00 | 0.00 | 26.33 | | 100 | CM | Bulk |
| 15-00-27 | 22583 | 14.97 | 0.00 | 28.75 | | 103 | CM | Bulk |
| 28-00-19 | 22589 | 28.01 | 0.00 | 19.38 | | 100 | CM | Bulk |
| 34-00-15 | 22587 | 35.24 | 0.00 | 14.82 | | 101 | CM | Bulk |
| 34-00-15 | 22588 | 34.95 | 0.00 | 14.57 | | 100 | CM | Bulk |
| SS (OWEN) COOP OWENSBORO OWENSBORO KY 42301 | | | | | | | | |
| 05-00-45 | 20435+ | 5.16 | 0.00 | 45.12 | | 100 | CM | Bulk |
| 06-00-43 | 21975 | 5.63 | 0.00 | 44.20 | | 102 | CM | Bulk |
| 07-00-20 | 20083+ | 8.12 | 0.00 | 21.09 | | 106 | CM | Bulk |
| 07-11-37 | 20439+ | 7.32 | 11.57 | 37.87 | | 101 | CM | Bulk |
| 07-11-37 | 20440+ | 6.80 | 11.64 | 38.50 | | 101 | CM | Bulk |
| 08-22-29 | 20436+ | 8.26 | 23.90 | 29.41 | | 100 | CM | Bulk |
| 08-22-29 | 20437+ | 8.72 | 22.93 | 30.01 | | 100 | CM | Bulk |
| 08-22-29 | 20438+ | 8.48 | 22.67 | 31.30 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|-------------|---------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| SS (OWEN) COOP OWENSBORO | | OWENSBORO | KY | 42301 | | | | |
| 09-23-28 | 20434 | 8.57 | 22.05 * | 32.04 | | 100 | CM | Bulk |
| 10-17-25 | 20433+ | 10.60 | 17.52 | 26.17 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.46 | 99.69 | 102.72 | | | | |
| ALL SAMPLES,CV % | | 6.42 | 3.59 | 3.29 | | | | |
| NUMBER OF ANALYSIS | | 10 | 7 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (OWENT) OWENTON COOP, INC | | OWENTON | KY | 40359 | | | | |
| 13-09-25 | 22637 | 14.10 | 9.64 | 25.43 | | 103 | CM | Bulk |
| 13-09-25 | 22638 | 13.24 | 8.86 | 25.11 | | 99 | CM | Bulk |
| 14-11-17 | 22639 | 15.45 | 12.16 | 17.37 | | 101 | CM | Bulk |
| 14-11-17 | 22641 | 15.76 | 11.25 | 17.82 | | 101 | CM | Bulk |
| 15-06-33 | 21699 | 15.33 | 6.62 | 33.75 | | 100 | CM | Bulk |
| 19-19-19 | 21697 | 20.79 | 19.13 | 18.79 | | 101 | CM | Bulk |
| 19-19-19 | 21700 | 19.61 | 18.43 | 19.68 | | 99 | CM | Bulk |
| 19-19-19 | 21701 | 19.22 | 19.16 | 19.47 | | 100 | CM | Bulk |
| 23-03-23 | 22642 | 23.92 | 4.38 | 22.92 | | 102 | CM | Bulk |
| 23-05-21 | 22640 | 23.71 | 5.74 | 21.94 | | 101 | CM | Bulk |
| 23-09-18 | 22644 | 23.00 | 9.64 | 19.64 | | 100 | CM | Bulk |
| 25-07-10 | 21698 | 25.05 | 7.74 | 10.31 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.39 | 100.44 | 100.87 | | | | |
| ALL SAMPLES,CV % | | 3.44 | 5.01 | 2.17 | | | | |
| NUMBER OF ANALYSIS | | 12 | 12 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (OWIN) OWINGSVILLE SVC | | OWINGSVILLE | KY | 40360 | | | | |
| 10-26-26 | 22170 | 10.42 | 26.05 | 26.24 | | 101 | CM | Bulk |
| 11-00-45 | 22165 | 11.29 | 0.00 | 45.93 | | 101 | CM | Bulk |
| 15-00-39 | 21080 | 15.40 | 0.00 | 40.67 | | 101 | CM | Bulk |
| 19-19-19 | 22167 | 18.78 | 18.74 | 20.81 | | 100 | CM | Bulk |
| 22-11-22 | 22163 | 22.50 | 11.01 | 22.38 | | 100 | CM | Bulk |
| 22-11-22 | 22164 | 21.56 | 11.47 | 23.38 | | 101 | CM | Bulk |
| 22-11-22 | 22166 | 21.98 | 11.72 | 22.59 | | 101 | CM | Bulk |
| 33-00-15 | 22747+ | 34.09 | 0.00 | 15.73 | | 102 | CM | Bulk |
| 33-00-15 | 22748+ | 33.33 | 0.00 | 16.01 | | 101 | CM | Bulk |
| 33-00-15 | 22749+ | 33.53 | 0.00 | 15.84 | | 101 | CM | Bulk |
| 40-08-00 | 22168 | 40.39 | 8.62 | 0.00 | | 100 | CM | Bulk |
| 40-08-00 | 22169 | 40.29 | 8.86 | 0.00 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.65 | 100.13 | 103.85 | | | | |
| ALL SAMPLES,CV % | | 1.69 | 3.83 | 2.31 | | | | |
| NUMBER OF ANALYSIS | | 12 | 7 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV | | RICHMOND | VA | 23260 | | | | |
| 00-00-22 | 21415+ | 0.00 | 0.00 | 22.30 | | 101 | Mat | Bulk |
| 00-00-22 | 21791+ | 0.00 | 0.00 | 22.30 | | 101 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|------|------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV RICHMOND VA 23260 | | | | | | | | |
| 00-00-50 | 20557 | 0.00 | 0.00 | 51.45 | | 103 | Mat | Bulk |
| 00-00-50 | 20580 | 0.00 | 0.00 | 49.81 | | 100 | Mat | Bulk |
| 00-00-50 | 20768 | 0.00 | 0.00 | 51.76 | | 104 | Mat | Bulk |
| 00-00-50 | 21384 | 0.00 | 0.00 | 50.21 | | 100 | Mat | Bulk |
| 00-00-50 | 21416 | 0.00 | 0.00 | 50.24 | | 100 | Mat | Bulk |
| 00-00-50 | 21676 | 0.00 | 0.00 | 51.84 | | 104 | Mat | Bulk |
| 00-00-50 | 21679 | 0.00 | 0.00 | 51.43 | | 103 | Mat | Bulk |
| 00-00-50 | 21976 | 0.00 | 0.00 | 51.19 | | 102 | Mat | Bulk |
| 00-00-50 | 22287 | 0.00 | 0.00 | 51.85 | | 104 | Mat | Bulk |
| 00-00-50 | 22380 | 0.00 | 0.00 | 51.18 | | 102 | Mat | Bulk |
| 00-00-50 | 22390 | 0.00 | 0.00 | 51.09 | | 102 | Mat | Bulk |
| 00-00-50 | 22433 | 0.00 | 0.00 | 51.03 | | 102 | Mat | Bulk |
| 00-00-50 | 22436 | 0.00 | 0.00 | 52.40 | | 105 | Mat | Bulk |
| 00-00-50 | 22576 | 0.00 | 0.00 | 50.87 | | 102 | Mat | Bulk |
| 00-00-50 | 22586 | 0.00 | 0.00 | 50.86 | | 102 | Mat | Bulk |
| 00-00-50 | 22643 | 0.00 | 0.00 | 51.14 | | 102 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-50 | | | | | | | | |
| Number of Samples This Grade : 16 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 51.15 | | 102.3 | | |
| CV, % | | 0 | 0 | 1.31 | | | | |
| 00-00-60 | 20046 | 0.00 | 0.00 | 60.68 | | 101 | Mat | Bulk |
| 00-00-60 | 20062 | 0.00 | 0.00 | 62.66 | | 104 | Mat | Bulk |
| 00-00-60 | 20063 | 0.00 | 0.00 | 60.17 | | 100 | Mat | Bulk |
| 00-00-60 | 20064 | 0.00 | 0.00 | 60.71 | | 101 | Mat | Bulk |
| 00-00-60 | 20075 | 0.00 | 0.00 | 47.35 * | | 79 * | Mat | Bulk |
| 00-00-60 | 20076 | 0.00 | 0.00 | 51.93 * | | 87 * | Mat | Bulk |
| 00-00-60 | 20079 | 0.00 | 0.00 | 59.74 | | 100 | Mat | Bulk |
| 00-00-60 | 20080 | 0.00 | 0.00 | 60.79 | | 101 | Mat | Bulk |
| 00-00-60 | 20081 | 0.00 | 0.00 | 60.97 | | 102 | Mat | Bulk |
| 00-00-60 | 20082 | 0.00 | 0.00 | 60.44 | | 101 | Mat | Bulk |
| 00-00-60 | 20087 | 0.00 | 0.00 | 60.94 | | 102 | Mat | Bulk |
| 00-00-60 | 20088 | 0.00 | 0.00 | 61.04 | | 102 | Mat | Bulk |
| 00-00-60 | 20118 | 0.00 | 0.00 | 61.85 | | 103 | Mat | Bulk |
| 00-00-60 | 20120 | 0.00 | 0.00 | 60.32 | | 101 | Mat | Bulk |
| 00-00-60 | 20123 | 0.00 | 0.00 | 60.00 | | 100 | Mat | Bulk |
| 00-00-60 | 20124 | 0.00 | 0.00 | 61.97 | | 103 | Mat | Bulk |
| 00-00-60 | 20125 | 0.00 | 0.00 | 61.06 | | 102 | Mat | Bulk |
| 00-00-60 | 20126 | 0.00 | 0.00 | 60.95 | | 102 | Mat | Bulk |
| 00-00-60 | 20131 | 0.00 | 0.00 | 61.75 | | 103 | Mat | Bulk |
| 00-00-60 | 20132 | 0.00 | 0.00 | 60.61 | | 101 | Mat | Bulk |
| 00-00-60 | 20217 | 0.00 | 0.00 | 59.56 | | 99 | Mat | Bulk |
| 00-00-60 | 20356 | 0.00 | 0.00 | 59.52 | | 99 | Mat | Bulk |
| 00-00-60 | 20358 | 0.00 | 0.00 | 59.54 | | 99 | Mat | Bulk |
| 00-00-60 | 20359 | 0.00 | 0.00 | 60.11 | | 100 | Mat | Bulk |
| 00-00-60 | 20360 | 0.00 | 0.00 | 59.63 | | 99 | Mat | Bulk |
| 00-00-60 | 20361 | 0.00 | 0.00 | 58.90 | | 98 | Mat | Bulk |
| 00-00-60 | 20363 | 0.00 | 0.00 | 59.88 | | 100 | Mat | Bulk |
| 00-00-60 | 20365 | 0.00 | 0.00 | 60.46 | | 101 | Mat | Bulk |
| 00-00-60 | 20366 | 0.00 | 0.00 | 61.25 | | 102 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|------|------|---------|-------|------|------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV RICHMOND VA 23260 | | | | | | | | |
| 00-00-60 | 20367 | 0.00 | 0.00 | 59.88 | | 100 | Mat | Bulk |
| 00-00-60 | 20412 | 0.00 | 0.00 | 59.78 | | 100 | Mat | Bulk |
| 00-00-60 | 20522 | 0.00 | 0.00 | 61.15 | | 102 | Mat | Bulk |
| 00-00-60 | 20542 | 0.00 | 0.00 | 59.84 | | 100 | Mat | Bulk |
| 00-00-60 | 20546 | 0.00 | 0.00 | 59.83 | | 100 | Mat | Bulk |
| 00-00-60 | 20547 | 0.00 | 0.00 | 60.69 | | 101 | Mat | Bulk |
| 00-00-60 | 20552 | 0.00 | 0.00 | 59.77 | | 100 | Mat | Bulk |
| 00-00-60 | 20553 | 0.00 | 0.00 | 60.78 | | 101 | Mat | Bulk |
| 00-00-60 | 20554 | 0.00 | 0.00 | 59.99 | | 100 | Mat | Bulk |
| 00-00-60 | 20579 | 0.00 | 0.00 | 59.97 | | 100 | Mat | Bulk |
| 00-00-60 | 20581 | 0.00 | 0.00 | 61.94 | | 103 | Mat | Bulk |
| 00-00-60 | 20583 | 0.00 | 0.00 | 61.69 | | 103 | Mat | Bulk |
| 00-00-60 | 20599 | 0.00 | 0.00 | 60.46 | | 101 | Mat | Bulk |
| 00-00-60 | 20601 | 0.00 | 0.00 | 59.28 | | 99 | Mat | Bulk |
| 00-00-60 | 20602 | 0.00 | 0.00 | 60.65 | | 101 | Mat | Bulk |
| 00-00-60 | 20603 | 0.00 | 0.00 | 60.30 | | 100 | Mat | Bulk |
| 00-00-60 | 20604 | 0.00 | 0.00 | 60.35 | | 101 | Mat | Bulk |
| 00-00-60 | 20614 | 0.00 | 0.00 | 60.43 | | 101 | Mat | Bulk |
| 00-00-60 | 20615 | 0.00 | 0.00 | 60.53 | | 101 | Mat | Bulk |
| 00-00-60 | 20618 | 0.00 | 0.00 | 60.55 | | 101 | Mat | Bulk |
| 00-00-60 | 20640 | 0.00 | 0.00 | 59.80 | | 100 | Mat | Bulk |
| 00-00-60 | 20641 | 0.00 | 0.00 | 60.26 | | 100 | Mat | Bulk |
| 00-00-60 | 20642 | 0.00 | 0.00 | 59.79 | | 100 | Mat | Bulk |
| 00-00-60 | 20643 | 0.00 | 0.00 | 60.89 | | 101 | Mat | Bulk |
| 00-00-60 | 20647 | 0.00 | 0.00 | 60.43 | | 101 | Mat | Bulk |
| 00-00-60 | 20648 | 0.00 | 0.00 | 60.65 | | 101 | Mat | Bulk |
| 00-00-60 | 20649 | 0.00 | 0.00 | 61.33 | | 102 | Mat | Bulk |
| 00-00-60 | 20650 | 0.00 | 0.00 | 59.52 | | 99 | Mat | Bulk |
| 00-00-60 | 20661 | 0.00 | 0.00 | 60.46 | | 101 | Mat | Bulk |
| 00-00-60 | 20672 | 0.00 | 0.00 | 47.35 * | | 79 * | Mat | Bulk |
| 00-00-60 | 20673 | 0.00 | 0.00 | 55.66 * | | 93 * | Mat | Bulk |
| 00-00-60 | 20674 | 0.00 | 0.00 | 59.86 | | 100 | Mat | Bulk |
| 00-00-60 | 20675 | 0.00 | 0.00 | 61.17 | | 102 | Mat | Bulk |
| 00-00-60 | 20676 | 0.00 | 0.00 | 60.27 | | 100 | Mat | Bulk |
| 00-00-60 | 20677 | 0.00 | 0.00 | 60.38 | | 101 | Mat | Bulk |
| 00-00-60 | 20743 | 0.00 | 0.00 | 59.43 | | 99 | Mat | Bulk |
| 00-00-60 | 20771 | 0.00 | 0.00 | 60.60 | | 101 | Mat | Bulk |
| 00-00-60 | 20783 | 0.00 | 0.00 | 60.49 | | 101 | Mat | Bulk |
| 00-00-60 | 20818 | 0.00 | 0.00 | 61.22 | | 102 | Mat | Bulk |
| 00-00-60 | 20855 | 0.00 | 0.00 | 60.07 | | 100 | Mat | Bulk |
| 00-00-60 | 20856 | 0.00 | 0.00 | 61.85 | | 103 | Mat | Bulk |
| 00-00-60 | 20857 | 0.00 | 0.00 | 60.68 | | 101 | Mat | Bulk |
| 00-00-60 | 20885 | 0.00 | 0.00 | 60.02 | | 100 | Mat | Bulk |
| 00-00-60 | 20922 | 0.00 | 0.00 | 60.15 | | 100 | Mat | Bulk |
| 00-00-60 | 20944 | 0.00 | 0.00 | 60.96 | | 102 | Mat | Bulk |
| 00-00-60 | 20959 | 0.00 | 0.00 | 61.52 | | 103 | Mat | Bulk |
| 00-00-60 | 20995 | 0.00 | 0.00 | 61.78 | | 103 | Mat | Bulk |
| 00-00-60 | 21023 | 0.00 | 0.00 | 60.11 | | 100 | Mat | Bulk |
| 00-00-60 | 21066 | 0.00 | 0.00 | 60.09 | | 100 | Mat | Bulk |
| 00-00-60 | 21081 | 0.00 | 0.00 | 61.35 | | 102 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|-------|-------|-------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV RICHMOND VA 23260 | | | | | | | | |
| 00-00-60 | 21082 | 0.00 | 0.00 | 60.29 | | 100 | Mat | Bulk |
| 00-00-60 | 21344 | 0.00 | 0.00 | 61.62 | | 103 | Mat | Bulk |
| 00-00-60 | 21385 | 0.00 | 0.00 | 60.78 | | 101 | Mat | Bulk |
| 00-00-60 | 21387 | 0.00 | 0.00 | 61.94 | | 103 | Mat | Bulk |
| 00-00-60 | 21388 | 0.00 | 0.00 | 60.45 | | 101 | Mat | Bulk |
| 00-00-60 | 21413 | 0.00 | 0.00 | 60.71 | | 101 | Mat | Bulk |
| 00-00-60 | 21414 | 0.00 | 0.00 | 60.43 | | 101 | Mat | Bulk |
| 00-00-60 | 21425 | 0.00 | 0.00 | 58.80 | | 98 | Mat | Bulk |
| 00-00-60 | 21517 | 0.00 | 0.00 | 61.17 | | 102 | Mat | Bulk |
| 00-00-60 | 21523 | 0.00 | 0.00 | 60.78 | | 101 | Mat | Bulk |
| 00-00-60 | 21539 | 0.00 | 0.00 | 61.80 | | 103 | Mat | Bulk |
| 00-00-60 | 21790 | 0.00 | 0.00 | 61.08 | | 102 | Mat | Bulk |
| 00-00-60 | 21886 | 0.00 | 0.00 | 61.48 | | 102 | Mat | Bulk |
| 00-00-60 | 21890 | 0.00 | 0.00 | 60.81 | | 101 | Mat | Bulk |
| 00-00-60 | 21895 | 0.00 | 0.00 | 60.99 | | 102 | Mat | Bulk |
| 00-00-60 | 21896 | 0.00 | 0.00 | 60.11 | | 100 | Mat | Bulk |
| 00-00-60 | 21897 | 0.00 | 0.00 | 60.99 | | 102 | Mat | Bulk |
| 00-00-60 | 22069 | 0.00 | 0.00 | 61.78 | | 103 | Mat | Bulk |
| 00-00-60 | 22071 | 0.00 | 0.00 | 60.79 | | 101 | Mat | Bulk |
| 00-00-60 | 22285 | 0.00 | 0.00 | 61.34 | | 102 | Mat | Bulk |
| 00-00-60 | 22357 | 0.00 | 0.00 | 59.70 | | 100 | Mat | Bulk |
| 00-00-60 | 22379 | 0.00 | 0.00 | 59.86 | | 100 | Mat | Bulk |
| 00-00-60 | 22544 | 0.00 | 0.00 | 60.29 | | 100 | Mat | Bulk |
| 00-00-60 | 22698 | 0.00 | 0.00 | 60.75 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 103 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.19 | | 100.3 | | |
| CV, % | | 0 | 0 | 3.63 | | | | |
| 00-44-00 | 20077 | 0.00 | 45.82 | 0.00 | | 104 | Mat | Bulk |
| 00-44-00 | 20078 | 0.00 | 46.86 | 0.00 | | 106 | Mat | Bulk |
| 00-44-00 | 20119 | 0.00 | 47.06 | 0.00 | | 107 | Mat | Bulk |
| 00-44-00 | 20355 | 0.00 | 47.20 | 0.00 | | 107 | Mat | Bulk |
| 00-44-00 | 20357 | 0.00 | 45.54 | 0.00 | | 104 | Mat | Bulk |
| 00-44-00 | 20364 | 0.00 | 47.06 | 0.00 | | 107 | Mat | Bulk |
| 00-44-00 | 20368 | 0.00 | 46.62 | 0.00 | | 106 | Mat | Bulk |
| 00-44-00 | 20370 | 0.00 | 47.15 | 0.00 | | 107 | Mat | Bulk |
| 00-44-00 | 20371 | 0.00 | 47.11 | 0.00 | | 107 | Mat | Bulk |
| Statistical Analysis for Grade : 00-44-00 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 0.00 | 46.71 | 0.00 | | 106.2 | | |
| CV, % | | 0 | 1.32 | 0 | | | | |
| 10-10-10 | 20588 | 10.35 | 10.35 | 9.84 | | 102 | Blend | Bag |
| 10-34-00 | 21892 | 10.78 | 35.33 | 0.00 | | 105 | Blend | Liq |
| 10-50-00 | 20090 | 9.94 | 49.43 | 0.00 | | 99 | Mat | Bulk |
| 10-50-00 | 20544 | 10.09 | 51.56 | 0.00 | | 103 | Mat | Bulk |
| 10-50-00 | 21410 | 11.72 | 51.87 | 0.00 | | 106 | Mat | Bulk |
| 11-52-00 | 20047 | 11.51 | 52.94 | 0.00 | | 102 | Mat | Bulk |
| 11-52-00 | 20128 | 11.59 | 53.90 | 0.00 | | 104 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------------------|-------|------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV | | RICHMOND VA 23260 | | | | | | |
| 11-52-00 | 20129 | 11.44 | 53.64 | 0.00 | | 103 | Mat | Bulk |
| 11-52-00 | 20216 | 10.87 | 53.03 | 0.00 | | 101 | Mat | Bulk |
| 11-52-00 | 20645 | 11.71 | 53.16 | 0.00 | | 103 | Mat | Bulk |
| Statistical Analysis for Grade : 11-52-00 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 11.42 | 53.33 | 0.00 | | 102.8 | | |
| CV, % | | 2.85 | 0.78 | 0 | | | | |
| 12-40-00 | 20862+ | 11.26 | 40.70 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20065 | 18.06 | 45.87 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20066 | 17.98 | 45.74 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20072 | 17.44 | 46.22 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20074 | 17.46 | 46.55 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20089 | 17.29 | 46.02 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20117 | 17.80 | 46.23 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20121 | 17.83 | 45.91 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20122 | 17.52 | 46.13 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20130 | 16.97 | 46.45 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20218 | 17.22 | 46.19 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20362 | 17.77 | 45.83 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20369 | 17.37 | 46.16 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20413 | 16.62 | 46.21 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 20414 | 17.55 | 46.60 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20523 | 17.58 | 45.29 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 20535 | 17.24 | 45.54 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 20540 | 17.85 | 46.13 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20541 | 17.35 | 45.82 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20543 | 17.80 | 45.62 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20545 | 18.08 | 45.90 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20555 | 18.16 | 45.69 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20556 | 17.75 | 45.38 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20577 | 17.95 | 46.32 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20582 | 17.70 | 45.55 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20586 | 17.52 | 45.13 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 20597 | 17.60 | 46.49 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20600 | 17.93 | 46.33 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20605 | 17.70 | 45.60 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20606 | 17.69 | 46.14 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20616 | 17.72 | 45.85 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20617 | 17.84 | 46.66 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20644 | 17.59 | 46.07 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20646 | 17.63 | 46.55 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20659 | 18.08 | 46.09 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20671 | 17.62 | 45.63 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20678 | 17.20 | 45.49 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 20742 | 17.62 | 45.99 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20769 | 17.81 | 46.87 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20782 | 17.77 | 46.38 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20820 | 17.86 | 46.52 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20858 | 17.21 | 45.85 | 0.00 | | 98 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------------------|---------|------|-------|------|------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV | | RICHMOND VA 23260 | | | | | | |
| 18-46-00 | 20863 | 17.80 | 46.74 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20884 | 17.65 | 46.32 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20921 | 17.81 | 46.20 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20945 | 17.81 | 45.88 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20956 | 18.07 | 46.29 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20992 | 17.89 | 46.28 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21026 | 17.81 | 46.18 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21064 | 17.99 | 46.33 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21083 | 17.94 | 45.87 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21084 | 17.70 | 45.85 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21085 | 17.84 | 46.47 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21345 | 18.12 | 46.63 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 21382 | 18.85 | 44.22 * | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21386 | 17.77 | 46.24 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21411 | 17.87 | 46.10 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21426 | 17.69 | 45.97 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21516 | 17.60 | 45.65 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21522 | 17.77 | 45.85 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21540 | 17.64 | 45.95 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21541 | 17.62 | 46.07 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21542 | 17.84 | 46.26 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21543 | 17.70 | 46.05 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21793 | 17.69 | 45.37 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 21862 | 17.61 | 46.75 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21887 | 17.87 | 46.44 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21888 | 17.77 | 46.40 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21891 | 17.80 | 46.72 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 21898 | 17.80 | 46.03 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 22067 | 17.87 | 45.53 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 22068 | 17.83 | 45.46 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 22289 | 17.68 | 45.73 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 22358 | 15.39 * | 46.06 | 0.00 | | 95 * | Mat | Bulk |
| 18-46-00 | 22381 | 18.16 | 46.12 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 74 | | | | | | | | |
| Average Analysis : | | 17.69 | 46.04 | 0.00 | | 99.5 | | |
| CV, % | | 2.28 | 0.95 | 0 | | | | |
| 21-00-00 | 20073+ | 20.61 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 21-00-00 | 20770 | 20.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 21-00-00 | 21412 | 21.12 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 21-00-00 | 22432 | 20.87 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 27-00-00 | 21389 | 26.97 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 27-00-00 | 22682 | 27.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 28-00-00 | 22171 | 28.10 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 28-00-00 | 22455 | 27.50 | 0.00 | 0.00 | | 98 | Mnfr | Liq |
| 34-00-00 | 20415 | 34.35 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20660 | 33.92 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20781 | 33.99 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20886 | 33.54 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|-------------|------|-------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV | | RICHMOND VA | | 23260 | | | | |
| 34-00-00 | 20920 | 33.73 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20947 | 33.80 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20951 | 33.44 | 0.00 | 0.00 | | 98 | Blend | Bag |
| 34-00-00 | 20952 | 33.57 | 0.00 | 0.00 | | 99 | Blend | Bag |
| 34-00-00 | 20993 | 33.26 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 21025 | 33.91 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 21789 | 33.88 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 22585 | 33.39 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 34-00-00 | | | | | | | | |
| Number of Samples This Grade : 12 | | | | | | | | |
| Average Analysis : | | 33.73 | 0.00 | 0.00 | | 100.2 | | |
| CV, % | | 0.91 | 0 | 0 | | | | |
| 46-00-00 | 20524 | 46.35 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 20536 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20537 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20538 | 45.91 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20539 | 46.04 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20578 | 46.10 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20584 | 46.16 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20585 | 46.11 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20598 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20619 | 45.92 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20620 | 45.63 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 20621 | 45.74 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 20658 | 45.86 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20744 | 46.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20766 | 46.15 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20767 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20784 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20819 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20859 | 46.07 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20860 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20861 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20883 | 45.75 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 20927 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20943 | 45.84 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20946 | 45.62 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 20957 | 46.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20958 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20990 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20991 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21024 | 46.14 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21065 | 46.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21086 | 46.16 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21087 | 45.95 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21088 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21114 | 46.12 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21343 | 46.18 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21381 | 45.92 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|--------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV RICHMOND VA 23260 | | | | | | | | |
| 46-00-00 | 21383 | 46.18 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21417 | 46.02 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21424 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21515 | 46.07 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21524 | 45.97 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21544 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21545 | 46.00 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21677 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21792 | 46.15 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21794 | 45.95 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22070 | 46.16 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22286 | 45.88 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22288 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 46-00-00 | | | | | | | | |
| Number of Samples This Grade : 50 | | | | | | | | |
| Average Analysis : | | 46.04 | 0.00 | 0.00 | | 100.1 | | |
| CV, % | | 0.33 | 0 | 0 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.47 | 100.95 | 100.58 | | | | |
| ALL SAMPLES,CV % | | 2.67 | 2.13 | 3.43 | | | | |
| NUMBER OF ANALYSIS | | 155 | 94 | 122 | | | | |
| Deficiency Rate = 2.11 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (RUSS) COOP, INC. RUSSELLVILLE KY 42276 | | | | | | | | |
| 00-00-50 | 22443 | 0.00 | 0.00 | 50.39 | | 101 | Mat | Bulk |
| 06-24-24 | 22370 | 7.65 | 30.24 | 21.32 * | | 110 | Blend | Bag |
| 06-24-24 | 22552 | 6.22 | 25.37 | 24.47 | | 104 | Blend | Bag |
| 06-24-24 | 22556 | 5.94 | 24.08 | 25.37 | | 102 | Blend | Bag |
| 06-24-24 | 22558 | 6.06 | 23.61 | 25.14 | | 101 | Blend | Bag |
| 06-24-24 | 22559 | 5.97 | 23.97 | 25.33 | | 102 | Blend | Bag |
| Statistical Analysis for Grade : 06-24-24 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 6.37 | 25.45 | 24.33 | | 104.1 | | |
| CV, % | | 11.38 | 10.82 | 7.06 | | | | |
| 10-10-10 | 20045 | 8.40 * | 9.43 | 10.20 | | 93 * | Blend | Bag |
| 10-10-10 | 20639 | 9.25 | 9.90 | 10.29 | | 98 | Blend | Bag |
| 10-10-10 | 20787 | 8.88 * | 9.39 | 9.52 | | 92 * | Blend | Bag |
| 10-10-10 | 22533 | 9.72 | 9.57 | 9.91 | | 97 | Blend | Bag |
| 10-10-10 | 22555 | 9.19 | 9.32 | 9.33 | | 93 * | Blend | Bag |
| 10-10-10 | 22557 | 10.65 | 10.63 | 10.98 | | 107 | Blend | Bag |
| 10-10-10 | 22560 | 10.09 | 10.56 | 10.21 | | 103 | Blend | Bag |
| 10-10-10 | 22573 | 9.56 | 9.64 | 10.02 | | 97 | Blend | Bag |
| 10-10-10 | 22575 | 9.79 | 9.81 | 10.59 | | 100 | Blend | Bag |
| 10-10-10 | 22595 | 10.26 | 9.89 | 10.20 | | 101 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|--------|-------|-------|-------|------|
| SS (RUSS) COOP, INC. RUSSELLVILLE KY 42276 | | | | | | | | |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 9.58 | 9.81 | 10.12 | | 98.2 | | |
| CV, % | | 7.03 | 4.68 | 4.71 | | | | |
| 12-22-22 | 22597 | 12.87 | 21.41 | 23.00 | | 102 | Blend | Bag |
| 15-15-15 | 22598 | 15.35 | 15.36 | 15.64 | | 103 | Blend | Bag |
| 19-19-19 | 20044 | 18.27 | 19.60 | 19.59 | | 101 | Blend | Bag |
| 19-19-19 | 22371 | 18.91 | 19.39 | 19.57 | | 101 | Blend | Bag |
| 19-19-19 | 22534 | 17.75 | 20.11 | 20.26 | | 101 | Blend | Bag |
| 19-19-19 | 22553 | 18.55 | 19.97 | 19.48 | | 101 | Blend | Bag |
| 19-19-19 | 22554 | 19.46 | 19.43 | 18.74 | | 101 | Blend | Bag |
| 19-19-19 | 22574 | 18.26 | 20.01 | 19.33 | | 101 | Blend | Bag |
| 19-19-19 | 22596 | 18.59 | 19.98 | 19.65 | | 102 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 18.54 | 19.78 | 19.52 | | 101.2 | | |
| CV, % | | 2.93 | 1.52 | 2.31 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.22 | 101.68 | 101.91 | | | | |
| ALL SAMPLES,CV % | | 8.11 | 6.53 | 4.33 | | | | |
| NUMBER OF ANALYSIS | | 24 | 24 | 25 | | | | |
| Deficiency Rate = 16.00 % | | | | | | | | |
| SS (RUSS) RUSSELLVILLE COOP RUSSELLVILLE KY 42276 | | | | | | | | |
| 00-00-54 | 20384+ | 0.00 | 0.00 | 54.54 | | 101 | CM | Bulk |
| 05-14-18 | 20379 | 5.64 | 13.44 | 18.18 | | 96 * | CM | Bulk |
| 05-14-35 | 20385+ | 5.88 | 14.79 | 37.21 | | 102 | CM | Bulk |
| 08-21-32 | 20378 | 8.91 | 22.69 | 31.03 | | 102 | CM | Bulk |
| 08-22-24 | 20381+ | 8.56 | 22.20 | 25.15 | | 100 | CM | Bulk |
| 08-22-24 | 20382+ | 8.06 | 22.22 | 24.89 | | 99 | CM | Bulk |
| 09-23-30 | 20383 | 8.87 | 22.82 | 30.80 | | 101 | CM | Bulk |
| 19-19-19 | 20903 | 19.03 | 19.69 | 19.78 | | 101 | CM | Bulk |
| 19-19-19 | 20905 | 19.59 | 19.64 | 19.71 | | 101 | CM | Bulk |
| 30-11-11 | 20904 | 29.90 | 11.31 | 11.84 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.44 | 99.82 | 100.93 | | | | |
| ALL SAMPLES,CV % | | 3.56 | 3.27 | 2.34 | | | | |
| NUMBER OF ANALYSIS | | 9 | 9 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| SS (SHEL) SHELBYVILLE COOP SHELBYVILLE KY 40065 | | | | | | | | |
| 07-19-34 | 21680 | 7.80 | 19.26 | 35.46 | | 101 | CM | Bulk |
| 09-10-17 | 22548 | 9.30 | 10.94 | 16.99 | | 99 | CM | Bulk |
| 09-10-17 | 22549 | 10.36 | 11.02 | 16.97 | | 102 | CM | Bulk |
| 09-23-27 | 21318+ | 7.93 * | 19.86 * | 31.45 | | 101 | CM | Bulk |
| 11-29-20 | 21320 | 11.36 | 28.77 | 21.16 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|----------------------|--------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (SHEL) SHELBYVILLE COOP | | SHELBYVILLE KY 40065 | | | | | | |
| 14-06-10 | 22547 | 14.39 | 6.40 | 10.75 | | 102 | CM | Bulk |
| 14-24-22 | 21319 | 14.31 | 24.24 | 22.98 | | 101 | CM | Bulk |
| 14-24-22 | 21321 | 14.52 | 23.99 | 22.84 | | 101 | CM | Bulk |
| 14-24-22 | 21322 | 13.94 | 24.48 | 22.73 | | 101 | CM | Bulk |
| 15-22-21 | 21324 | 15.92 | 22.62 | 21.92 | | 101 | CM | Bulk |
| 15-22-21 | 21325 | 15.66 | 22.01 | 22.47 | | 100 | CM | Bulk |
| 19-19-19 | 21317 | 19.15 | 18.76 | 20.25 | | 100 | CM | Bulk |
| 22-00-30 | 21323 | 21.86 | 0.00 | 31.88 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.17 | 98.67 | 103.43 | | | | |
| ALL SAMPLES,CV % | | 4.52 | 4.4 | 4.46 | | | | |
| NUMBER OF ANALYSIS | | 13 | 12 | 13 | | | | |
| Deficiency Rate = 7.69 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (SOME) SOMERSET COOP | | SOMERSET KY 42503 | | | | | | |
| 12-24-24 | 21651 | 12.77 | 24.19 | 25.09 | | 101 | CM | Bulk |
| 19-19-19 | 21028 | 20.01 | 18.95 | 19.32 | | 101 | CM | Bulk |
| 19-19-19 | 21030 | 19.17 | 20.98 | 19.28 | | 102 | CM | Bulk |
| 19-19-19 | 21032 | 19.44 | 20.10 | 19.07 | | 101 | CM | Bulk |
| 19-19-19 | 21648 | 19.67 | 19.57 | 19.47 | | 101 | CM | Bulk |
| 19-19-19 | 21649 | 19.48 | 20.30 | 19.48 | | 102 | CM | Bulk |
| 19-19-19 | 21650 | 19.72 | 19.79 | 19.34 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 19.58 | 19.95 | 19.33 | | 101.3 | | |
| CV, % | | 1.46 | 3.46 | 0.78 | | | | |
| 20-13-20 | 21029 | 20.68 | 14.21 | 20.41 | | 102 | CM | Bulk |
| 23-11-11 | 21031 | 24.14 | 11.17 | 11.92 | | 102 | CM | Bulk |
| 30-00-20 | 21033 | 31.39 | 0.00 | 20.52 | | 102 | CM | Bulk |
| 36-00-12 | 21027 | 37.74 | 0.00 | 12.17 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.03 | 101.79 | 100.80 | | | | |
| ALL SAMPLES,CV % | | 1.59 | 3.64 | 1.36 | | | | |
| NUMBER OF ANALYSIS | | 11 | 9 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (SPRI) LEBANON-SPRINGFIELD BR | | SPRINGFIELD KY 40069 | | | | | | |
| 08-22-26 | 22212 | 8.85 | 22.18 | 27.17 | | 100 | CM | Bulk |
| 08-22-26 | 22214 | 8.63 | 21.95 | 27.87 | | 100 | CM | Bulk |
| 08-22-26 | 22215 | 8.62 | 22.26 | 27.53 | | 100 | CM | Bulk |
| 14-10-30 | 22211 | 15.40 | 10.18 | 30.08 | | 101 | CM | Bulk |
| 16-17-23 | 22213+ | 17.56 | 19.98 | 20.52 * | | 102 | CM | Bulk |
| 21-11-07 | 21521 | 21.53 | 11.11 | 14.60 | | 115 | CM | Bulk |
| 21-11-14 | 21518 | 21.50 | 11.29 | 15.46 | | 102 | CM | Bulk |
| 26-08-08 | 21525 | 26.24 | 8.22 | 8.51 | | 101 | CM | Bulk |
| 31-09-11 | 21520 | 32.28 | 8.97 | 11.26 | | 101 | CM | Bulk |
| 32-09-09 | 21519 | 32.42 | 10.10 | 10.10 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| SS (SPRI) LEBANON-SPRINGFIELD BR SPRINGFIELD KY 40069 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.39 | 100.01 | 110.56 | | | | |
| ALL SAMPLES,CV % | | 3.41 | 5.07 | 27.16 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (STAN) STANFORD SVC STANFORD KY 40484 | | | | | | | | |
| 07-19-34 | 21487 | 8.02 | 19.89 | 34.28 | | 101 | CM | Bulk |
| 08-07-18 | 21377 | 8.26 | 7.21 | 20.44 | | 104 | CM | Bulk |
| 08-07-19 | 21378 | 8.66 | 7.51 | 19.67 | | 104 | CM | Bulk |
| 12-15-20 | 21485 | 13.77 | 14.78 | 20.62 | | 103 | CM | Bulk |
| 12-15-20 | 21486 | 13.02 | 15.48 | 20.86 | | 103 | CM | Bulk |
| 19-19-19 | 21375 | 19.53 | 20.69 | 18.99 | | 102 | CM | Bulk |
| 23-00-30 | 21380 | 23.29 | 0.00 | 29.81 | | 100 | CM | Bulk |
| 24-00-28 | 21379 | 23.78 | 0.00 | 28.97 | | 100 | CM | Bulk |
| 27-11-15 | 21488 | 28.02 | 11.38 | 15.10 | | 101 | CM | Bulk |
| 29-11-12 | 21376 | 29.67 | 10.93 | 12.75 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.58 | 100.19 | 102.03 | | | | |
| ALL SAMPLES,CV % | | 2.81 | 3.67 | 2.69 | | | | |
| NUMBER OF ANALYSIS | | 10 | 8 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (WARS) GALLATIN SVC WARSAW KY 41095 | | | | | | | | |
| 05-15-19 | 20399 | 6.44 | 15.87 | 21.17 | | 105 | CM | Bulk |
| 05-15-19 | 20400 | 6.56 | 16.04 | 21.11 | | 106 | CM | Bulk |
| 16-16-16 | 21314 | 16.92 | 15.48 | 16.56 | | 99 | CM | Bulk |
| 18-18-18 | 21310 | 18.28 | 18.30 | 18.23 | | 100 | CM | Bulk |
| 19-19-19 | 21313 | 19.07 | 19.45 | 19.80 | | 100 | CM | Bulk |
| 19-19-19 | 21316 | 18.96 | 19.72 | 19.93 | | 101 | CM | Bulk |
| 23-12-11 | 21315 | 22.48 | 12.63 | 12.04 | | 99 | CM | Bulk |
| 24-00-27 | 21312 | 24.88 | 0.00 | 28.64 | | 102 | CM | Bulk |
| 24-00-28 | 20397 | 24.66 | 0.00 | 28.36 | | 101 | CM | Bulk |
| 24-00-28 | 21311 | 23.61 | 0.00 | 28.29 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.18 | 100.83 | 102.54 | | | | |
| ALL SAMPLES,CV % | | 4.37 | 3.37 | 2.39 | | | | |
| NUMBER OF ANALYSIS | | 10 | 7 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (WINC) CLARK COOP WINCHESTER KY 40391 | | | | | | | | |
| 09-18-27 | 22269 | 9.33 | 18.18 | 28.19 | | 101 | CM | Bulk |
| 09-18-27 | 22270 | 9.10 | 18.28 | 28.06 | | 100 | CM | Bulk |
| 24-19-12 | 22292+ | 23.63 | 19.01 | 13.91 | | 100 | CM | Bulk |
| 24-19-12 | 22293+ | 23.72 | 19.40 | 13.72 | | 101 | CM | Bulk |
| 27-13-13 | 22291 | 26.85 | 13.67 | 14.06 | | 100 | CM | Bulk |
| 32-23-00 | 22294 | 31.69 | 23.65 | 0.00 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|-------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SS (WINC) CLARK COOP WINCHESTER KY 40391 | | | | | | | | |
| ----- | | | | | | | | |
| SS (WINC) COOP, INC. WINCHESTER KY 40391 | | | | | | | | |
| 00-00-58 | 22758+ | 0.00 | 0.00 | 58.89 | | 102 | Blend | Bag |
| 00-10-30 | 20954+ | 0.00 | 9.40 | 29.42 | | 97 | Blend | Bag |
| 05-10-10 | 22355 | 4.35 * | 9.25 | 10.02 | | 94 * | Blend | Bag |
| 05-10-15 | 20587 | 5.05 | 10.02 | 16.69 | | 106 | Blend | Bag |
| 05-10-15 | 21399 | 5.02 | 10.39 | 15.99 | | 105 | Blend | Bag |
| 05-10-15 | 22176 | 4.92 | 9.70 | 15.19 | | 100 | Blend | Bag |
| 05-10-15 | 22546 | 5.17 | 9.96 | 16.78 | | 107 | Blend | Bag |
| 05-10-15 | 22563 | 4.77 | 10.21 | 15.43 | | 101 | Blend | Bag |
| 05-10-15 | 22760 | 5.17 | 9.24 | 14.88 | | 98 | Blend | Bag |
| Statistical Analysis for Grade : 05-10-15 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 5.02 | 9.92 | 15.83 | | 102.9 | | |
| CV, % | | 3.07 | 4.1 | 5.01 | | | | |
| 05-20-20 | 22435 | 5.12 | 20.52 | 21.88 | | 105 | Blend | Bag |
| 06-12-12 | 22341 | 5.79 | 11.19 | 11.79 | | 96 * | Blend | Bag |
| 09-28-20 | 20020+ | 9.35 | 24.14 * | 24.35 | | 100 | Blend | Bag |
| 10-10-10 | 20849 | 10.42 | 10.43 | 10.26 | | 104 | Blend | Bag |
| 10-10-10 | 20953 | 11.67 | 11.06 | 11.22 | | 113 | Blend | Bag |
| 10-10-10 | 21008 | 10.38 | 9.92 | 10.24 | | 102 | Blend | Bag |
| 10-10-10 | 21926 | 9.38 | 9.27 | 10.40 | | 97 * | Blend | Bag |
| 10-10-10 | 22175 | 9.57 | 9.89 | 10.32 | | 99 | Blend | Bag |
| 10-10-10 | 22245 | 9.34 | 9.43 | 9.64 | | 95 * | Blend | Bag |
| 10-10-10 | 22362 | 10.44 | 10.60 | 11.55 | | 108 | Blend | Bag |
| 10-10-10 | 22434 | 10.86 | 10.75 | 11.36 | | 110 | Blend | Bag |
| 10-10-10 | 22550 | 10.63 | 11.24 | 10.28 | | 107 | Blend | Bag |
| 10-10-10 | 22561 | 10.31 | 10.71 | 11.04 | | 107 | Blend | Bag |
| 10-10-10 | 22564 | 9.14 | 11.74 | 10.13 | | 103 | Blend | Bag |
| 10-10-10 | 22759 | 10.33 | 10.29 | 10.08 | | 102 | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 12 | | | | | | | | |
| Average Analysis : | | 10.21 | 10.44 | 10.54 | | 103.8 | | |
| CV, % | | 7.17 | 7.02 | 5.65 | | | | |
| 12-12-12 | 21398 | 11.19 | 11.60 | 12.05 | | 96 * | Blend | Bag |
| 12-12-12 | 22356 | 11.29 | 11.82 | 13.33 | | 101 | Blend | Bag |
| 15-15-15 | 21397 | 14.48 | 15.59 | 15.12 | | 100 | Blend | Bag |
| 15-15-15 | 22244 | 14.55 | 16.13 | 15.17 | | 102 | Blend | Bag |
| 19-19-19 | 20428 | 18.83 | 19.46 | 19.66 | | 102 | Blend | Bag |
| 19-19-19 | 20848 | 20.05 | 20.35 | 18.09 | | 103 | Blend | Bag |
| 19-19-19 | 21009 | 20.21 | 19.27 | 18.99 | | 103 | Blend | Bag |
| 19-19-19 | 21925 | 19.29 | 19.30 | 19.68 | | 102 | Blend | Bag |
| 19-19-19 | 22363 | 19.08 | 20.08 | 19.45 | | 103 | Blend | Bag |
| 19-19-19 | 22545 | 18.78 | 19.62 | 20.57 | | 103 | Blend | Bag |
| 19-19-19 | 22562 | 18.27 | 19.43 | 20.34 | | 101 | Blend | Bag |
| 19-19-19 | 22565 | 19.05 | 18.74 | 19.26 | | 100 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SS (WINC) COOP, INC. WINCHESTER KY 40391 | | | | | | | | |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 19.20 | 19.53 | 19.51 | | 102.1 | | |
| CV, % | | 3.39 | 2.55 | 3.98 | | | | |
| 20-10-10 | 20589 | 20.40 | 9.91 | 10.26 | | 101 | Blend | Bag |
| 20-10-10 | 22551 | 19.47 | 10.50 | 10.42 | | 101 | Blend | Bag |
| 46-00-00 | 20955 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.13 | 101.35 | 104.44 | | | | |
| ALL SAMPLES,CV % | | 5.5 | 6.16 | 5.47 | | | | |
| NUMBER OF ANALYSIS | | 37 | 37 | 38 | | | | |
| Deficiency Rate = 15.38 % | | | | | | | | |
| ----- | | | | | | | | |
| STANLEY AG SERVICE LLC OWENSBORO KY 42301 | | | | | | | | |
| 00-00-50 | 21972 | 0.00 | 0.00 | 49.89 | | 100 | Mat | Bulk |
| 00-00-60 | 21971 | 0.00 | 0.00 | 61.31 | | 102 | Mat | Bulk |
| 08-22-29 | 21973+ | 8.62 | 22.62 | 31.56 | | 102 | CM | Bulk |
| 14-15-24 | 22658 | 14.28 | 16.15 | 24.38 | | 101 | CM | Bulk |
| 18-46-00 | 21970 | 18.23 | 46.83 | 0.00 | | 102 | Mat | Bulk |
| 21-00-00 | 21968 | 20.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21969 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| STOLLER ENTERPRISES, INC HOUSTON TX 77043 | | | | | | | | |
| 02-00-03 | 20757 | 2.96 | 0.00 | 3.45 | | 130 | Blend | Liq |
| 02-00-03 | 22231 | 2.79 | 0.00 | 3.81 | | 133 | Mnfr | Liq |
| ----- | | | | | | | | |
| SUN BULB COMPANY, INC. ARCADIA FL 34265 | | | | | | | | |
| 11-35-15 | 22604+ | 11.67 | 36.08 | 15.23 | | 103 | Mnfr | Bag |
| ----- | | | | | | | | |
| SWISS FARMS PRODUCTS, INC. LAS VEGAS NV 89169 | | | | | | | | |
| 09-09-06 | 20103 | 9.72 | 10.11 | 6.81 | | 111 | Blend | Bag |
| 09-09-06 | 22331 | 6.22 * | 5.83 * | 5.26 * | | 72 * | Blend | Bag |
| 12-05-07 | 20104+ | 12.31 | 6.56 | 7.42 | | 110 | Blend | Bag |
| 12-05-07 | 21054+ | 11.87 | 3.77 * | 9.65 | | 104 | Blend | Bag |
| 12-10-05 | 21072+ | 10.61 * | 8.21 * | 5.60 | | 90 * | Blend | Bag |
| 15-30-15 | 21055+ | 15.00 | 31.29 | 16.13 | | 104 | Mnfr | Bag |
| 15-30-15 | 22192+ | 16.41 | 30.24 | 14.95 | | 103 | Mnfr | Bag |
| 16-04-08 | 21073+ | 14.71 * | 3.61 | 7.59 | | 92 * | Blend | Bag |
| 20-27-05 | 21071 | 20.78 | 26.64 | 6.29 | | 103 | Blend | Bag |
| 24-08-16 | 20105+ | 23.67 | 9.09 | 18.11 | | 106 | Mnfr | Bag |
| 28-00-03 | 22340 | 27.07 | 0.00 | 3.09 | | 97 | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.05 | 97.34 | 109.17 | | | | |
| ALL SAMPLES,CV % | | 11.5 | 20.34 | 12.79 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 11 | | | | |
| Deficiency Rate = 36.36 % | | | | | | | | |
| ----- | | | | | | | | |
| T AND N, INC FORISTELL MO 63348 | | | | | | | | |
| 10-06-04 | 22699 | 10.00 | 6.17 | 4.97 | | 105 | Blend | Bag |
| 10-06-04 | 22702 | 10.76 | 7.06 | 4.81 | | 113 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|---------------|---------|---------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| T AND N, INC | FORISTELL MO | 63348 | | | | | | |
| 12-12-12 | 20401 | 11.41 | 11.67 | 12.32 | | 98 | Blend | Bag |
| 12-12-12 | 22700 | 12.08 | 12.05 | 12.17 | | 101 | Blend | Bag |
| 12-22-10 | 22711+ | 10.81 * | 19.83 * | 9.37 | | 91 * | Blend | Bag |
| 22-03-03 | 22710 | 21.33 | 3.17 | 2.97 | | 98 | Blend | Bag |
| 28-05-10 | 20402 | 27.05 | 5.05 | 9.31 | | 96 * | Blend | Bag |
| 32-03-10 | 22665 | 32.06 | 3.49 | 9.45 | | 100 | Blend | Bag |
| ----- | | | | | | | | |
| TENNESSEE FARMERS COOP | LAVERGNE TN | 37086 | | | | | | |
| 10-10-10 | 22131 | 12.21 | 11.61 | 11.76 | | 119 | Blend | Bag |
| 12-24-24 | 20893 | 12.74 | 25.72 | 22.19 * | | 101 | Blend | Bag |
| 15-15-15 | 20894 | 14.94 | 15.26 | 15.88 | | 102 | Blend | Bag |
| 19-19-19 | 20895 | 18.82 | 19.51 | 19.93 | | 102 | Blend | Bag |
| 19-19-19 | 22130 | 19.10 | 19.65 | 19.74 | | 102 | Blend | Bag |
| ----- | | | | | | | | |
| THE ANDERSONS INC | MAUMEE OH | 43537 | | | | | | |
| 14-14-14 | 20626+ | 14.54 | 13.46 | 15.19 | | 103 | Blend | Bag |
| ----- | | | | | | | | |
| THE ANDERSONS INC (GALVESTON) | GALVESTON IN | 46932 | | | | | | |
| 06-18-06 | 21696+ | 5.83 | 17.52 | 6.20 | | 98 | Mnfr | Liq |
| ----- | | | | | | | | |
| THE ORTHO GROUP | MARYSVILLE OH | 43041 | | | | | | |
| 07-09-07 | 22337+ | 7.88 | 8.52 | 6.89 | | 102 | Blend | Bag |
| ----- | | | | | | | | |
| THE SCOTTS CO. | MARYSVILLE OH | 43041 | | | | | | |
| 10-10-10 | 20018 | 11.97 | 12.44 | 12.38 | | 123 | Blend | Bag |
| 10-10-10 | 21079 | 10.80 | 11.31 | 11.81 | | 113 | Blend | Bag |
| 11-02-02 | 22606+ | 10.71 | 2.49 | 2.54 | | 104 | Mnfr | Bag |
| 12-04-08 | 20019 | 13.22 | 5.49 | 9.11 | | 116 | Blend | Bag |
| 12-04-08 | 22709 | 13.27 | 4.75 | 9.13 | | 113 | Blend | Bag |
| 20-00-08 | 22714 | 20.54 | 0.00 | 8.75 | | 104 | Blend | Bag |
| 20-00-08 | 22738 | 19.83 | 0.00 | 8.65 | | 101 | Blend | Bag |
| 22-02-02 | 22717+ | 23.01 | 2.13 | 2.25 | | 105 | Blend | Bag |
| 24-24-04 | 20004 | 24.33 | 25.89 | 4.64 | | 105 | Blend | Bag |
| 25-00-02 | 22426 | 25.31 | 0.00 | 2.15 | | 102 | Blend | Liq |
| 25-00-04 | 22536 | 24.88 | 0.00 | 4.18 | | 100 | Blend | Bag |
| 26-02-12 | 20196+ | 26.63 | 2.37 | 12.74 | | 104 | Blend | Bag |
| 28-01-04 | 21106 | 29.85 | 0.89 | 4.47 | | 107 | Blend | Bag |
| 30-00-04 | 22189 | 30.61 | 0.00 | 4.30 | | 103 | Mnfr | Bag |
| 32-00-10 | 20086+ | 33.37 | 0.00 | 10.30 | | 104 | Blend | Bag |
| 32-00-10 | 20286+ | 31.94 | 0.00 | 10.34 | | 101 | Blend | Bag |
| 32-00-10 | 20287+ | 31.74 | 0.00 | 10.34 | | 100 | Blend | Bag |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.04 | 115.54 | 111.17 | | | | |
| ALL SAMPLES,CV % | | 5.38 | 11.85 | 6.34 | | | | |
| NUMBER OF ANALYSIS | | 17 | 9 | 17 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| THOMAS CAYCE FARM SUPPY, LLC | PRINCETON KY | 42445 | | | | | | |
| 00-00-60 | 20025 | 0.00 | 0.00 | 58.82 | | 98 | Mat | Bulk |
| 00-00-60 | 20504 | 0.00 | 0.00 | 60.16 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|---------|--------|-------|-----|------|------|
| THOMAS CAYCE FARM SUPPLY, LLC PRINCETON KY 42445 | | | | | | | | |
| 00-00-60 | 20505 | 0.00 | 0.00 | 59.91 | | 100 | Mat | Bulk |
| 00-00-60 | 20506 | 0.00 | 0.00 | 60.55 | | 101 | Mat | Bulk |
| 07-34-20 | 20171 | 7.68 | 37.02 | 20.99 | | 106 | CM | Bulk |
| 07-34-20 | 20172 | 7.49 | 35.67 | 21.84 | | 105 | CM | Bulk |
| 09-23-30 | 20173 | 9.10 | 23.49 | 30.78 | | 102 | CM | Bulk |
| 09-23-30 | 20174 | 9.07 | 23.05 | 30.52 | | 101 | CM | Bulk |
| 09-23-30 | 20175 | 9.07 | 23.96 | 29.78 | | 102 | CM | Bulk |
| 10-26-25 | 20507 | 9.97 | 26.50 | 26.34 | | 101 | CM | Bulk |
| 10-26-25 | 20508 | 9.95 | 26.54 | 26.25 | | 101 | CM | Bulk |
| 10-26-25 | 20509 | 9.94 | 25.95 | 27.15 | | 101 | CM | Bulk |
| 10-27-24 | 20176 | 10.82 | 28.96 | 23.46 | | 102 | CM | Bulk |
| 11-52-00 | 20027 | 11.33 | 54.92 | 0.00 | | 105 | Mat | Bulk |
| 17-46-00 | 20026 | 17.57 | 46.19 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20501 | 17.90 | 45.85 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20503 | 17.52 | 45.94 | 0.00 | | 99 | Mat | Bulk |
| 21-11-15 | 20965 | 21.34 | 11.58 | 15.13 | | 100 | CM | Bulk |
| 23-09-09 | 20964 | 24.12 | 10.73 | 10.37 | | 104 | CM | Bulk |
| 34-00-00 | 20502 | 34.30 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.45 | 102.81 | 101.90 | | | | |
| ALL SAMPLES,CV % | | 2.28 | 3.26 | 3.05 | | | | |
| NUMBER OF ANALYSIS | | 16 | 15 | 15 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| TIGER-SUL PRODUCTS, LLC ATMORE AL 36504 | | | | | | | | |
| 00-00-00 | 20830+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 21395+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 21396+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| TRI COUNTY FERT. RICHMOND KY 40475-2014 | | | | | | | | |
| 08-20-27 | 22535+ | 7.75 | 18.36 * | 28.92 | | 97 | CM | Bulk |
| 18-46-00 | 20596 | 17.75 | 45.86 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 20595 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| TRIMBLE CO FARM MILTON KY 40045 | | | | | | | | |
| 00-00-60 | 22014 | 0.00 | 0.00 | 60.05 | | 100 | Mat | Bulk |
| 00-00-60 | 22197 | 0.00 | 0.00 | 62.03 | | 103 | Mat | Bulk |
| 15-14-28 | 22198 | 15.12 | 13.29 | 29.95 | | 100 | CM | Bulk |
| 16-18-24 | 22201 | 16.46 | 18.42 | 24.27 | | 101 | CM | Bulk |
| 16-18-24 | 22202 | 16.56 | 18.78 | 24.14 | | 101 | CM | Bulk |
| 16-18-24 | 22205 | 15.57 | 18.12 | 25.43 | | 100 | CM | Bulk |
| 18-46-00 | 22013 | 18.39 | 46.11 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 22615 | 17.53 | 44.99 | 0.00 | | 98 | Mat | Bulk |
| 19-19-19 | 22199 | 18.96 | 19.51 | 19.85 | | 100 | CM | Bulk |
| 19-19-19 | 22200 | 19.13 | 19.84 | 19.56 | | 101 | CM | Bulk |
| 19-19-19 | 22203 | 19.25 | 20.01 | 19.47 | | 101 | CM | Bulk |
| 19-19-19 | 22204 | 19.04 | 19.96 | 19.76 | | 101 | CM | Bulk |
| 22-03-23 | 22612 | 22.47 | 3.85 | 23.74 | | 102 | CM | Bulk |
| 24-13-14 | 22616 | 24.48 | 12.72 | 14.75 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|---------|---------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| TRIMBLE CO FARM MILTON KY 40045 | | | | | | | | |
| 46-00-00 | 22012 | 46.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 22015 | 45.92 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.87 | 100.70 | 102.40 | | | | |
| ALL SAMPLES,CV % | | 1.98 | 3.75 | 2.02 | | | | |
| NUMBER OF ANALYSIS | | 14 | 12 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| TWO RIVERS, INC DRAKESBORO KY 42337 | | | | | | | | |
| 34-00-00 | 22646 | 34.18 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| ----- | | | | | | | | |
| U.S. BORAX INC. BORON CA 93516 | | | | | | | | |
| 00-00-00 | 20667+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 21839+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| ----- | | | | | | | | |
| UNITED INDUSTRIES ST. LOUIS MO 63114 | | | | | | | | |
| 20-27-05 | 20005+ | 18.33 * | 26.22 | 5.20 | | 96 * | Blend | Bag |
| ----- | | | | | | | | |
| VALLEY FERTILIZER SVC. EDMONTON KY 42129 | | | | | | | | |
| 18-18-18 | 21296 | 19.28 | 18.53 | 18.13 | | 101 | CM | Bulk |
| 18-18-18 | 21297 | 19.71 | 18.17 | 17.69 | | 100 | CM | Bulk |
| 19-19-19 | 21136 | 18.89 | 18.26 | 21.68 | | 101 | CM | Bulk |
| 19-19-19 | 21299 | 20.07 | 18.84 | 18.68 | | 99 | CM | Bulk |
| 22-09-24 | 21134 | 21.58 | 9.63 | 24.73 | | 101 | CM | Bulk |
| 24-12-12 | 21327 | 23.82 | 12.34 | 13.67 | | 100 | CM | Bulk |
| 27-11-15 | 21135 | 25.96 | 12.55 | 16.89 | | 102 | CM | Bulk |
| 27-13-13 | 21326 | 27.95 | 13.34 | 13.20 | | 100 | CM | Bulk |
| 27-13-13 | 21328 | 28.13 | 13.43 | 12.77 | | 100 | CM | Bulk |
| 30-08-07 | 21298 | 29.20 | 8.35 | 7.41 | | 97 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.14 | 99.52 | 101.40 | | | | |
| ALL SAMPLES,CV % | | 3.68 | 4.62 | 7.31 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| VARIOUS REPORTING COMPANIES LEXINGTON KY 40546 | | | | | | | | |
| 01-01-01 | 22704+ | 1.38 | 1.49 | 1.68 | | 151 | Mnfr | Bag |
| 02-03-08 | 22703 | 1.86 | 2.86 | 6.63 * | | 95 * | Mnfr | Liq |
| 06-08-10 | 22330+ | 6.85 | 8.48 | 11.90 | | 113 | Blend | Bag |
| 12-11-02 | 21108+ | 11.34 | 8.59 * | 1.68 | | 87 * | Mnfr | Bag |
| 21-00-00 | 22720 | 21.34 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| ----- | | | | | | | | |
| VOLUNTARY PURCHASING BONHAM TX 75418 | | | | | | | | |
| 08-10-08 | 21668 | 8.71 | 8.49 * | 8.85 | | 101 | Blend | Bag |
| 09-13-07 | 22664+ | 7.76 * | 9.88 * | 10.69 | | 97 * | Blend | Bag |
| 21-00-00 | 21667 | 21.00 | 0.00 | 0.00 | | 100 | Blend | Bag |
| ----- | | | | | | | | |
| WARNER FERT CO. (ALBA) ALBANY KY 42602 | | | | | | | | |
| 10-27-22 | 21155 | 8.71 * | 22.20 * | 29.80 | | 98 | CM | Bulk |
| 14-36-09 | 21149 | 14.14 | 36.52 | 9.63 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|--------|---------|---------|-------|------|------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (ALBA) ALBANY KY 42602 | | | | | | | | |
| 18-09-18 | 21152 | 21.03 | 7.65 * | 16.47 * | | 97 * | CM | Bulk |
| 19-10-19 | 21151 | 20.12 | 8.91 * | 18.73 | | 99 | CM | Bulk |
| 19-13-24 | 21147 | 18.85 | 13.66 | 24.92 | | 101 | CM | Bulk |
| 20-09-17 | 21148 | 22.09 | 8.35 * | 16.08 | | 98 | CM | Bulk |
| 20-09-17 | 21154 | 22.16 | 7.98 * | 16.07 | | 98 | CM | Bulk |
| 22-11-22 | 21146 | 21.69 | 11.16 | 22.68 | | 100 | CM | Bulk |
| 25-11-17 | 21153 | 25.21 | 11.25 | 18.17 | | 100 | CM | Bulk |
| 27-13-13 | 21150 | 26.81 | 14.07 | 14.48 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.23 | 91.88 | 102.37 | | | | |
| ALL SAMPLES,CV % | | 8.51 | 10.81 | 12.03 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 50.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (CAMP) CAMPBELLSVILLE KY 42718 | | | | | | | | |
| 17-17-17 | 21173 | 17.87 | 17.69 | 17.82 | | 100 | CM | Bulk |
| 18-17-17 | 21175 | 17.81 | 17.91 | 18.29 | | 102 | CM | Bulk |
| 19-15-15 | 21174 | 19.44 | 16.25 | 16.07 | | 101 | CM | Bulk |
| 19-19-19 | 21000 | 20.68 | 18.51 | 19.60 | | 102 | CM | Bulk |
| 19-19-19 | 21003 | 20.06 | 20.45 | 18.29 | | 101 | CM | Bulk |
| 19-19-19 | 21004 | 20.23 | 18.90 | 19.42 | | 101 | CM | Bulk |
| 19-19-19 | 21194 | 18.80 | 19.95 | 20.04 | | 101 | CM | Bulk |
| 20-14-14 | 21172 | 20.58 | 14.75 | 14.55 | | 100 | CM | Bulk |
| 21-13-13 | 21191 | 20.76 | 14.46 | 14.83 | | 102 | CM | Bulk |
| 22-10-13 | 21192 | 23.30 | 10.21 | 13.69 | | 102 | CM | Bulk |
| 22-13-13 | 21193 | 22.13 | 11.83 * | 13.79 | | 99 | CM | Bulk |
| 23-15-08 | 21002 | 24.70 | 14.60 * | 8.37 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.87 | 99.99 | 102.03 | | | | |
| ALL SAMPLES,CV % | | 3.29 | 5.11 | 3.73 | | | | |
| NUMBER OF ANALYSIS | | 12 | 12 | 12 | | | | |
| Deficiency Rate = 16.67 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (COLU) COLUMBIA KY 42728 | | | | | | | | |
| 14-10-28 | 21166 | 14.85 | 11.08 | 27.46 | | 101 | CM | Bulk |
| 16-14-27 | 21158 | 15.29 | 14.92 | 28.65 | | 101 | CM | Bulk |
| 19-00-34 | 21159 | 18.33 | 0.00 | 35.95 | | 100 | CM | Bulk |
| 19-00-34 | 21162 | 20.21 | 0.00 | 33.37 | | 99 | CM | Bulk |
| 19-00-34 | 21163 | 19.68 | 0.00 | 34.38 | | 100 | CM | Bulk |
| 19-19-19 | 21165 | 18.30 | 19.77 | 20.27 | | 100 | CM | Bulk |
| 21-11-22 | 21161 | 20.66 | 10.44 * | 24.89 | | 100 | CM | Bulk |
| 23-00-30 | 21160 | 22.15 | 0.00 | 30.98 | | 100 | CM | Bulk |
| 25-11-17 | 21164 | 24.23 | 10.86 | 20.10 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| WARNER FERT CO. (EAST) EAST BERNSTADT KY 40729 | | | | | | | | |
| 18-18-18 | 21500 | 18.71 | 18.67 | 18.89 | | 102 | CM | Bulk |
| 18-18-18 | 21502 | 18.99 | 18.88 | 19.13 | | 102 | CM | Bulk |
| 19-19-19 | 21501 | 19.90 | 21.87 | 19.19 | | 107 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (EAST) EAST BERNSTADT KY 40729 | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (MONT) MONTICELLO KY 42633 | | | | | | | | |
| 10-10-10 | 21358 | 10.27 | 10.31 | 10.72 | | 102 | CM | Bulk |
| 17-17-17 | 21356 | 17.08 | 18.58 | 18.64 | | 102 | CM | Bulk |
| 19-19-19 | 21361 | 19.50 | 19.04 | 19.92 | | 101 | CM | Bulk |
| 19-19-19 | 21362 | 19.49 | 18.92 | 20.13 | | 101 | CM | Bulk |
| 19-19-19 | 21365 | 19.51 | 20.04 | 18.94 | | 101 | CM | Bulk |
| 19-19-19 | 21366 | 19.33 | 19.41 | 19.92 | | 101 | CM | Bulk |
| 23-16-16 | 21357 | 23.79 | 15.64 | 16.51 | | 100 | CM | Bulk |
| 24-15-15 | 21360 | 25.50 | 15.56 | 15.28 | | 101 | CM | Bulk |
| 24-15-15 | 21364 | 24.54 | 15.50 | 15.77 | | 100 | CM | Bulk |
| 27-13-13 | 21359 | 27.27 | 13.34 | 14.39 | | 101 | CM | Bulk |
| 30-10-11 | 21363 | 31.37 | 10.25 | 11.03 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.44 | 99.58 | 101.99 | | | | |
| ALL SAMPLES,CV % | | 1.77 | 3.38 | 2.61 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (NAN) NANCY KY 42544 | | | | | | | | |
| 15-10-26 | 21369 | 14.77 | 10.67 | 27.27 | | 101 | CM | Bulk |
| 17-00-30 | 21657 | 16.79 | 0.00 | 29.95 | | 99 | CM | Bulk |
| 17-11-22 | 21656 | 19.01 | 10.73 | 21.18 | | 100 | CM | Bulk |
| 17-17-17 | 21655 | 18.30 | 17.53 | 17.87 | | 101 | CM | Bulk |
| 19-19-19 | 21371 | 18.74 | 19.81 | 20.16 | | 103 | CM | Bulk |
| 21-14-14 | 21370 | 20.39 | 14.46 | 14.50 | | 100 | CM | Bulk |
| 22-00-20 | 21653 | 22.92 | 0.00 | 19.48 | | 100 | CM | Bulk |
| 22-10-15 | 21374 | 21.09 | 10.46 | 16.06 | | 101 | CM | Bulk |
| 22-10-15 | 21652 | 21.93 | 9.65 | 16.19 | | 101 | CM | Bulk |
| 39-00-08 | 21654 | 39.47 | 0.00 | 7.97 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.82 | 100.08 | 101.60 | | | | |
| ALL SAMPLES,CV % | | 4.13 | 3.99 | 5.05 | | | | |
| NUMBER OF ANALYSIS | | 10 | 7 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (RUSS) RUSSELL SPRINGS KY 42642 | | | | | | | | |
| 08-21-27 | 22250+ | 8.41 | 21.09 | 28.45 | | 100 | CM | Bulk |
| 16-00-38 | 21637 | 15.46 | 0.00 | 40.25 | | 101 | CM | Bulk |
| 19-19-18 | 21636 | 19.17 | 19.23 | 20.10 | | 102 | CM | Bulk |
| 19-19-19 | 21635 | 19.41 | 19.17 | 19.51 | | 100 | CM | Bulk |
| 19-19-19 | 21640 | 19.10 | 20.24 | 19.52 | | 101 | CM | Bulk |
| 19-19-19 | 22251 | 18.49 | 19.80 | 19.85 | | 102 | CM | Bulk |
| 21-14-14 | 21638 | 21.08 | 14.16 | 14.25 | | 100 | CM | Bulk |
| 22-10-15 | 22249 | 21.08 | 9.73 | 15.95 | | 99 | CM | Bulk |
| 25-11-17 | 21634 | 26.58 | 11.20 | 17.05 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| WARNER FERT CO. (SOM) SOMERSET KY 42502 | | | | | | | | |
| 00-00-50 | 20842 | 0.00 | 0.00 | 50.17 | | 100 | Mat | Bulk |
| 00-00-50 | 21989 | 0.00 | 0.00 | 51.09 | | 102 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|--------|-------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (SOM) SOMERSET KY 42502 | | | | | | | | |
| 00-00-60 | 20591 | 0.00 | 0.00 | 61.03 | | 102 | Mat | Bulk |
| 00-00-60 | 20637 | 0.00 | 0.00 | 59.03 | | 98 | Mat | Bulk |
| 00-00-60 | 20665 | 0.00 | 0.00 | 58.94 | | 98 | Mat | Bulk |
| 00-00-60 | 20679 | 0.00 | 0.00 | 59.21 | | 99 | Mat | Bulk |
| 00-00-60 | 20688 | 0.00 | 0.00 | 59.96 | | 100 | Mat | Bulk |
| 00-00-60 | 20755 | 0.00 | 0.00 | 59.95 | | 100 | Mat | Bulk |
| 00-00-60 | 20779 | 0.00 | 0.00 | 60.48 | | 101 | Mat | Bulk |
| 00-00-60 | 20790 | 0.00 | 0.00 | 60.03 | | 100 | Mat | Bulk |
| 00-00-60 | 20798 | 0.00 | 0.00 | 60.98 | | 102 | Mat | Bulk |
| 00-00-60 | 20802 | 0.00 | 0.00 | 61.27 | | 102 | Mat | Bulk |
| 00-00-60 | 20840 | 0.00 | 0.00 | 61.16 | | 102 | Mat | Bulk |
| 00-00-60 | 20998 | 0.00 | 0.00 | 60.40 | | 101 | Mat | Bulk |
| 00-00-60 | 21988 | 0.00 | 0.00 | 61.49 | | 102 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 13 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.30 | | 100.5 | | |
| CV, % | | 0 | 0 | 1.44 | | | | |
| 05-10-10 | 21825 | 5.39 | 10.68 | 10.99 | | 108 | Blend | Bag |
| 05-10-15 | 21632 | 5.86 | 9.79 | 14.00 | | 99 | Blend | Bag |
| 05-10-15 | 22622 | 5.39 | 9.84 | 15.18 | | 102 | Blend | Bag |
| 05-20-20 | 21660 | 8.05 | 20.21 | 18.39 * | | 105 | Blend | Bag |
| 05-20-20 | 21828 | 8.29 | 21.54 | 19.85 | | 112 | Blend | Bag |
| 05-20-20 | 21987 | 7.84 | 19.88 | 18.02 * | | 103 | Blend | Bag |
| 05-20-20 | 22284 | 8.11 | 20.41 | 19.48 | | 108 | Blend | Bag |
| 05-20-20 | 22347 | 7.89 | 20.89 | 21.01 | | 112 | Blend | Bag |
| Statistical Analysis for Grade : 05-20-20 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 8.03 | 20.59 | 19.35 | | 108.0 | | |
| CV, % | | 2.25 | 3.14 | 6.18 | | | | |
| 06-12-12 | 21503 | 6.30 | 12.48 | 11.61 | | 102 | Blend | Bag |
| 06-12-12 | 21824 | 6.84 | 12.38 | 11.50 | | 103 | Blend | Bag |
| 06-12-12 | 21829 | 6.03 | 12.76 | 11.82 | | 102 | Blend | Bag |
| 09-18-27 | 21639 | 9.46 | 19.17 | 26.72 | | 102 | Blend | Bag |
| 09-18-27 | 22624 | 9.76 | 18.52 | 26.36 | | 101 | Blend | Bag |
| 10-10-10 | 20521 | 10.18 | 9.89 | 10.27 | | 101 | Blend | Bag |
| 10-10-10 | 20721 | 8.92 * | 10.06 | 10.53 | | 98 | Blend | Bag |
| 10-10-10 | 20794 | 9.52 | 9.62 | 10.07 | | 97 | Blend | Bag |
| 10-10-10 | 21167 | 9.88 | 10.68 | 9.88 | | 101 | Blend | Bag |
| 10-10-10 | 21197 | 10.39 | 10.40 | 10.28 | | 104 | Blend | Bag |
| 10-10-10 | 21373 | 9.76 | 11.27 | 10.15 | | 104 | Blend | Bag |
| 10-10-10 | 21504 | 10.47 | 10.61 | 9.50 | | 102 | Blend | Bag |
| 10-10-10 | 21631 | 10.46 | 9.82 | 10.56 | | 103 | Blend | Bag |
| 10-10-10 | 21822 | 10.75 | 10.86 | 9.89 | | 105 | Blend | Bag |
| 10-10-10 | 21826 | 10.90 | 11.41 | 10.62 | | 110 | Blend | Bag |
| 10-10-10 | 21844 | 10.20 | 10.24 | 8.62 * | | 97 | Blend | Bag |
| 10-10-10 | 21983 | 9.44 | 9.63 | 9.79 | | 96 * | Blend | Bag |
| 10-10-10 | 21994 | 9.19 | 10.37 | 10.09 | | 98 | Blend | Bag |
| 10-10-10 | 22246 | 10.84 | 11.84 | 14.76 | | 123 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|-------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (SOM) SOMERSET KY 42502 | | | | | | | | |
| 10-10-10 | 22348 | 9.30 | 9.41 | 9.99 | | 95 * | Blend | Bag |
| 10-10-10 | 22581 | 9.42 | 9.30 | 10.02 | | 96 * | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 16 | | | | | | | | |
| Average Analysis : | | 9.98 | 10.34 | 10.31 | | 101.9 | | |
| CV, % | | 6.34 | 7.18 | 12.39 | | | | |
| 15-15-15 | 20793 | 15.71 | 14.40 | 15.84 | | 102 | Blend | Bag |
| 15-15-15 | 21985 | 15.50 | 15.73 | 14.47 | | 102 | Blend | Bag |
| 15-15-15 | 22248 | 15.86 | 16.60 | 14.73 | | 105 | Blend | Bag |
| 15-15-15 | 22580 | 20.38 | 15.34 | 11.25 * | | 103 | Blend | Bag |
| 18-46-00 | 20592 | 17.68 | 45.99 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20636 | 17.96 | 46.50 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20664 | 17.58 | 46.38 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20682 | 18.05 | 46.69 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20690 | 17.75 | 46.57 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20707 | 18.28 | 46.45 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20754 | 17.61 | 46.84 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20778 | 17.87 | 46.36 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20789 | 17.90 | 46.36 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20797 | 17.71 | 46.65 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20801 | 17.83 | 46.50 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20838 | 17.87 | 46.87 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 20988 | 17.92 | 45.63 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 20997 | 18.03 | 45.89 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 14 | | | | | | | | |
| Average Analysis : | | 17.86 | 46.41 | 0.00 | | 100.4 | | |
| CV, % | | 1.06 | 0.76 | 0 | | | | |
| 19-10-09 | 21642 | 19.04 | 9.84 | 10.84 | | 99 | CM | Bulk |
| 19-10-19 | 21647 | 20.90 | 8.17 * | 18.54 | | 100 | CM | Bulk |
| 19-19-19 | 20520 | 19.70 | 19.16 | 19.13 | | 102 | Blend | Bag |
| 19-19-19 | 20683 | 18.76 | 20.36 | 18.55 | | 101 | Blend | Bag |
| 19-19-19 | 20792 | 19.02 | 18.30 | 20.78 | | 102 | Blend | Bag |
| 19-19-19 | 21168 | 19.63 | 20.25 | 17.25 * | | 101 | Blend | Bag |
| 19-19-19 | 21196 | 18.87 | 19.66 | 19.03 | | 101 | Blend | Bag |
| 19-19-19 | 21367 | 20.73 | 19.00 | 17.95 | | 102 | Blend | Bag |
| 19-19-19 | 21372 | 20.05 | 17.77 | 20.58 | | 103 | Blend | Bag |
| 19-19-19 | 21506 | 19.05 | 19.55 | 19.75 | | 102 | Blend | Bag |
| 19-19-19 | 21633 | 18.33 | 20.25 | 19.88 | | 102 | Blend | Bag |
| 19-19-19 | 21644 | 19.16 | 19.74 | 19.96 | | 101 | CM | Bulk |
| 19-19-19 | 21661 | 20.06 | 17.88 | 20.33 | | 102 | Blend | Bag |
| 19-19-19 | 21823 | 20.17 | 19.74 | 18.25 | | 102 | Blend | Bag |
| 19-19-19 | 21827 | 17.50 | 20.11 | 19.95 | | 100 | Blend | Bag |
| 19-19-19 | 21845 | 18.53 | 18.70 | 18.72 | | 98 | Blend | Bag |
| 19-19-19 | 21984 | 19.30 | 18.52 | 19.83 | | 101 | Blend | Bag |
| 19-19-19 | 22247 | 19.94 | 19.78 | 18.25 | | 102 | Blend | Bag |
| 19-19-19 | 22579 | 19.37 | 20.21 | 18.54 | | 102 | Blend | Bag |
| 19-19-19 | 22590 | 19.98 | 20.64 | 18.84 | | 104 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|---------|-------|-------|-------|-------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (SOM) SOMERSET KY 42502 | | | | | | | | |
| 19-19-19 | 22623 | 19.22 | 18.76 | 19.44 | | 101 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 19 | | | | | | | | |
| Average Analysis : | | 19.34 | 19.39 | 19.21 | | 101.5 | | |
| CV, % | | 3.95 | 4.49 | 4.98 | | | | |
| 20-10-10 | 21505 | 20.12 | 10.32 | 10.84 | | 103 | Blend | Bag |
| 21-18-17 | 21641 | 21.05 | 17.61 | 18.50 | | 100 | CM | Bulk |
| 22-11-21 | 21643 | 21.95 | 11.57 | 22.88 | | 101 | CM | Bulk |
| 24-00-28 | 20843 | 23.15 | 0.00 | 29.81 | | 100 | CM | Bulk |
| 26-11-14 | 20844+ | 26.17 | 11.17 | 15.04 | | 99 | CM | Bulk |
| 28-00-10 | 21645 | 28.89 | 0.00 | 9.85 | | 101 | CM | Bulk |
| 28-08-10 | 20845 | 26.52 | 8.39 | 11.99 | | 99 | CM | Bulk |
| 28-08-10 | 20846 | 27.34 | 8.71 | 12.14 | | 102 | CM | Bulk |
| 29-13-00 | 21646 | 31.00 | 10.42 * | 0.00 | | 98 | CM | Bulk |
| 34-00-00 | 20593 | 34.50 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20638 | 34.27 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20666 | 33.65 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 20681 | 34.27 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20691 | 34.50 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20708 | 33.56 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 20780 | 33.73 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 20791 | 33.79 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20795 | 34.50 | 0.00 | 0.00 | | 101 | Mnfr | Bag |
| 34-00-00 | 20803 | 33.89 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 20841 | 34.46 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 20999 | 33.47 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 34-00-00 | 21986 | 34.00 | 0.00 | 0.00 | | 100 | Mnfr | Bag |
| Statistical Analysis for Grade : 34-00-00 | | | | | | | | |
| Number of Samples This Grade : 13 | | | | | | | | |
| Average Analysis : | | 34.05 | 0.00 | 0.00 | | 100.4 | | |
| CV, % | | 1.14 | 0 | 0 | | | | |
| 46-00-00 | 20594 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20635 | 45.78 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20663 | 46.01 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20680 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20689 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20709 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20753 | 46.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20777 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20788 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20799 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20800 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 20839 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 21001 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (SOM) SOMERSET KY 42502 | | | | | | | | |
| Statistical Analysis for Grade : 46-00-00 | | | | | | | | |
| Number of Samples This Grade : 13 | | | | | | | | |
| Average Analysis : | | | | | | | | |
| | | 46.13 | 0.00 | 0.00 | | 100.3 | | |
| | | CV, % | 0.28 | 0 | 0 | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.25 | 101.62 | 101.17 | | | | |
| ALL SAMPLES,CV % | | 13.4 | 5.74 | 7.73 | | | | |
| NUMBER OF ANALYSIS | | 103 | 75 | 77 | | | | |
| Deficiency Rate = 9.32 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (STANF) STANFORD KY 40484 | | | | | | | | |
| 09-12-33 | 21489+ | 9.54 | 11.97 | 35.48 | | 101 | CM | Bulk |
| 30-00-20 | 21658 | 30.21 | 0.00 | 21.45 | | 102 | CM | Bulk |
| 30-00-20 | 21659 | 30.20 | 0.00 | 21.61 | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| WARNER FERT CO. (TOMPK) TOMPKINSVILLE KY 42167 | | | | | | | | |
| 10-26-25 | 20981 | 10.02 | 25.90 | 26.50 | | 100 | CM | Bulk |
| 19-19-19 | 20982 | 19.19 | 20.51 | 19.36 | | 101 | CM | Bulk |
| 19-19-19 | 20983 | 19.43 | 19.88 | 18.47 | | 100 | CM | Bulk |
| 19-19-19 | 20984 | 19.33 | 19.40 | 19.89 | | 101 | CM | Bulk |
| 19-19-19 | 20985 | 19.30 | 19.92 | 19.59 | | 101 | CM | Bulk |
| 23-06-12 | 20980 | 22.27 | 6.39 | 13.61 | | 99 | CM | Bulk |
| 23-11-11 | 20979 | 22.47 | 12.18 | 13.03 | | 102 | CM | Bulk |
| 23-11-11 | 20986 | 23.56 | 13.68 | 11.30 | | 104 | CM | Bulk |
| 25-00-22 | 20987 | 26.23 | 0.00 | 22.69 | | 102 | CM | Bulk |
| 28-00-22 | 20989 | 28.64 | 0.00 | 23.82 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.08 | 103.43 | 103.12 | | | | |
| ALL SAMPLES,CV % | | 1.96 | 5.82 | 4.6 | | | | |
| NUMBER OF ANALYSIS | | 10 | 8 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WATERWAY AG INC. METROPOLIS IL 62960 | | | | | | | | |
| 00-00-60 | 20668 | 0.00 | 0.00 | 61.74 | | 103 | Mat | Bulk |
| 00-00-60 | 21598 | 0.00 | 0.00 | 61.83 | | 103 | Mat | Bulk |
| 18-46-00 | 20550 | 17.55 | 45.44 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 20551 | 18.14 | 45.50 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 20612 | 17.96 | 46.01 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 21597 | 17.62 | 45.67 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 20611 | 34.35 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 20613 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| WINFIELD SOLUTIONS LLC ST. PAUL MN 55164 | | | | | | | | |
| 10-10-10 | 21442 | 9.15 | 9.45 | 11.66 | | 100 | Blend | Bag |
| 10-10-10 | 22027 | 10.30 | 10.07 | 11.34 | | 105 | Blend | Bag |
| 12-12-12 | 20704 | 12.04 | 12.67 | 11.02 * | | 99 | Blend | Bag |
| 12-12-12 | 20865 | 13.21 | 13.28 | 12.81 | | 109 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------------------|--------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| WINFIELD SOLUTIONS LLC | | ST. PAUL MN 55164 | | | | | | |
| 12-12-12 | 20950 | 11.06 | 11.23 | 11.73 | | 94 * | Blend | Bag |
| 12-12-12 | 21209 | 11.12 | 12.04 | 12.36 | | 98 | Blend | Bag |
| 12-12-12 | 21443 | 11.93 | 11.45 | 10.91 * | | 96 * | Blend | Bag |
| 12-12-12 | 22346 | 10.06 * | 11.21 | 11.54 | | 91 * | Blend | Bag |
| Statistical Analysis for Grade : 12-12-12 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 11.57 | 11.98 | 11.73 | | 97.9 | | |
| CV, % | | 9.3 | 7.09 | 6.35 | | | | |
| 16-06-16 | 20702 | 15.95 | 5.63 | 16.85 | | 101 | Blend | Bag |
| 16-06-16 | 21830 | 13.47 * | 5.33 | 19.08 | | 98 | Blend | Bag |
| 16-06-16 | 22026 | 16.41 | 5.13 * | 14.14 * | | 95 * | Blend | Bag |
| 18-24-06 | 20703 | 17.89 | 25.09 | 6.44 | | 103 | Blend | Bag |
| 18-24-06 | 21208 | 17.63 | 23.90 | 6.29 | | 99 | Blend | Bag |
| 18-24-06 | 21831 | 18.03 | 23.06 | 5.83 | | 98 | Blend | Bag |
| 18-24-06 | 21846 | 16.77 | 24.31 | 5.85 | | 97 | Blend | Bag |
| 18-24-06 | 21927 | 17.76 | 23.54 | 6.40 | | 99 | Blend | Bag |
| 18-24-06 | 22345 | 17.65 | 23.02 | 6.85 | | 99 | Blend | Bag |
| 18-24-06 | 22636 | 18.27 | 23.93 | 6.43 | | 101 | Blend | Bag |
| 18-24-06 | 22654 | 18.69 | 24.13 | 6.11 | | 102 | Blend | Bag |
| Statistical Analysis for Grade : 18-24-06 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 17.84 | 23.87 | 6.28 | | 99.9 | | |
| CV, % | | 3.13 | 2.85 | 5.4 | | | | |
| 23-00-07 | 21060+ | 21.59 | 0.00 | 7.90 | | 98 | Blend | Bag |
| 23-00-07 | 21207 | 22.43 | 0.00 | 7.12 | | 98 | Blend | Bag |
| 23-00-07 | 21847+ | 20.00 * | 0.00 | 6.51 | | 88 * | Blend | Bag |
| 23-00-07 | 22279 | 25.25 | 0.00 | 6.79 | | 107 | Blend | Bag |
| 24-00-04 | 20864+ | 23.71 | 0.00 | 4.55 | | 101 | Blend | Bag |
| 24-00-04 | 21059+ | 22.95 | 0.00 | 3.95 | | 96 * | Blend | Bag |
| 24-00-04 | 22280+ | 22.42 | 0.00 | 4.12 | | 95 * | Blend | Bag |
| 24-00-04 | 22653 | 23.00 | 0.00 | 4.54 | | 98 | Blend | Bag |
| 28-00-04 | 20011 | 25.00 * | 0.00 | 6.47 | | 97 * | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.90 | 97.79 | 105.76 | | | | |
| ALL SAMPLES,CV % | | 6.67 | 6.01 | 12.99 | | | | |
| NUMBER OF ANALYSIS | | 28 | 19 | 28 | | | | |
| Deficiency Rate = 35.71 % | | | | | | | | |
| ----- | | | | | | | | |
| WOLF TRAX | | WINNIPEG MB R3T 6E3 | | | | | | |
| 00-00-00 | 21788+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| ----- | | | | | | | | |
| WOODFORD FEED CO. | | VERSAILLES KY 40383 | | | | | | |
| 00-00-50 | 22609 | 0.00 | 0.00 | 51.41 | | 103 | Mat | Bulk |
| 00-00-60 | 20850 | 0.00 | 0.00 | 60.42 | | 101 | Mat | Bulk |
| 00-00-60 | 22030 | 0.00 | 0.00 | 58.92 | | 98 | Mat | Bulk |
| 00-00-60 | 22610 | 0.00 | 0.00 | 60.19 | | 100 | Mat | Bulk |
| 17-00-24 | 22618 | 16.65 | 0.00 | 27.03 | | 104 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| WOODFORD FEED CO. VERSAILLES KY 40383 | | | | | | | | |
| 18-46-00 | 20852 | 17.76 | 45.49 | 0.00 | | 99 | Mat | Bulk |
| 20-00-24 | 22038 | 19.38 | 0.00 | 25.45 | | 100 | CM | Bulk |
| 24-07-18 | 22028+ | 20.25 * | 8.77 | 21.06 | | 101 | CM | Bulk |
| 24-07-18 | 22029+ | 21.73 * | 7.51 | 21.15 | | 102 | CM | Bulk |
| 24-07-18 | 22031+ | 22.07 | 8.39 | 19.19 | | 101 | CM | Bulk |
| 24-07-18 | 22032+ | 22.95 | 6.66 | 19.07 | | 99 | CM | Bulk |
| 24-07-18 | 22037+ | 22.89 | 9.48 | 17.10 * | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 24-07-18 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 21.98 | 8.16 | 19.51 | | 100.9 | | |
| CV, % | | 5.01 | 13.48 | 8.56 | | | | |
| 26-00-12 | 22036+ | 25.62 | 0.00 | 12.20 | | 99 | CM | Bulk |
| 27-00-00 | 20851 | 27.25 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 27-00-09 | 22611+ | 26.74 | 0.00 | 10.90 | | 99 | CM | Bulk |
| 29-00-07 | 22617 | 28.79 | 0.00 | 8.24 | | 100 | CM | Bulk |
| 34-00-00 | 21309 | 33.80 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 21308 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.01 | 115.80 | 105.63 | | | | |
| ALL SAMPLES,CV % | | 4.19 | 14.28 | 6.34 | | | | |
| NUMBER OF ANALYSIS | | 14 | 6 | 14 | | | | |
| Deficiency Rate = 16.67 % | | | | | | | | |
| ----- | | | | | | | | |
| X-SEED, INC. CLEAR LAKE MN 55319 | | | | | | | | |
| 00-00-00 | 22744 | 1.30 | 0.00 | 0.00 | | 271 | Blend | Bag |
| ----- | | | | | | | | |
| YARA NORTH AMERICA TAMPA FL 33602 | | | | | | | | |
| 16-00-00 | 20285+ | 15.74 | 0.00 | 0.00 | | 102 | Mnfr | Bag |

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

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|--------------|---------|---------|---------|
| ADVANCED TURF SOLUTIONS, INC | | FISHERS | | | |
| | 20625 | 30-00-08 | Fe | 01.00 | 01.08 |
| AGRI-CHEM, INC. (HOPK) | | HOPKINSVILLE | | | |
| | 20974 | 10-25-25 | Zn | 01.14 | 01.15 |
| | 20975 | 10-25-25 | Zn | 01.14 | 01.29 |
| | 20327 | 16-41-00 | SO4 | 00.83 | 02.50 |
| | | | Zn | 03.33 | 03.35 |
| | 20329 | 16-41-00 | SO4 | 00.83 | 02.50 |
| | | | Zn | 03.33 | 03.35 |
| AGRI-CHEM, INC. (TRENT) | | TRENTON | | | |
| | 21043 | 08-21-31 | B | 00.12 | 00.12 |
| AGRIENERGY RESOURCES | | PRINCETON | | | |
| | 22266 | 02-10-10 | B | 00.04 | 00.09 |
| | | | Mo | 00.0012 | 00.0018 |
| | 22268 | 05-00-00 | Ca | 07.00 | 07.58 |
| | | | B | 00.04 | 00.07 |
| AGRIUM ADVANCED TECHNOLOGIES U | | REESE | | | |
| | 20829 | 00-00-00 | B | 15.00 | 14.60 |
| | 21204 | 00-00-00 | Mg | 05.00 | 07.43 |
| | 21231 | 00-00-00 | Ca | 10.00 | 10.00 |
| | | | Mg | 05.00 | 05.80 |
| | | | B | 10.00 | 09.58 |
| | 21768 | 00-00-00 | Mg | 05.00 | 07.51 |
| | | | B | 00.25 | 00.32 |
| | | | Cu | 00.25 | 00.87 |
| | | | Zn | 15.00 | 17.22 |
| | 21928 | 00-00-00 | Ca | 10.00 | 10.47 |
| | | | Mg | 05.00 | 05.71 |
| | | | B | 10.00 | 09.67 |
| | 21929 | 02-00-00 | Zn | 20.00 | 26.14 |
| AGRIUM U.S. INC. (DENV) | | DENVER | | | |
| | 20168 | 15-05-10 | Mg | 01.00 | 01.14 |
| | | | SO4 | 15.00 | 17.47 |
| | | | B | 00.10 | 00.13 |
| | | | Fe | 01.00 | 00.94 |
| | | | Zn | 00.10 | 00.16 |
| | 21240 | 15-05-10 | Mg | 01.00 | 01.03 |
| | | | B | 00.10 | 00.32 |
| | | | Fe | 01.00 | 00.72* |
| | | | Zn | 00.10 | 00.30 |
| | 20564 | 44-00-00 | CSRN | 40.00 | 43.74 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|------------------------------|--------|--------------|---------|--------|---------|
| AGRIUM U.S. INC. (DENV) | | DENVER | CO | | |
| | 20632 | 44-00-00 | CSRN | 40.00 | 42.72 |
| | 20725 | 44-00-00 | CSRN | 40.00 | 43.83 |
| | 20735 | 44-00-00 | CSRN | 40.00 | 43.38 |
| | 20760 | 44-00-00 | CSRN | 40.00 | 43.80 |
| | 20774 | 44-00-00 | CSRN | 40.00 | 44.06 |
| | 20812 | 44-00-00 | CSRN | 40.00 | 43.33 |
| | 20872 | 44-00-00 | CSRN | 40.00 | 43.96 |
| | 20899 | 44-00-00 | CSRN | 40.00 | 42.97 |
| | 21205 | 44-00-00 | CSRN | 40.00 | 43.89 |
| | 21241 | 44-00-00 | CSRN | 40.00 | 43.09 |
| | 22139 | 44-00-00 | CSRN | 40.00 | 43.77 |
| | 22325 | 44-00-00 | CSRN | 40.00 | 44.93 |
| | 22577 | 44-00-00 | CSRN | 40.00 | 45.02 |
| AGRO CULTURE LIQUID FERT. | | ST. JOHNS | MI | | |
| | 20756 | 09-24-03 | Fe | 00.10 | 00.22 |
| | 21243 | 09-24-03 | Fe | 00.10 | 00.27 |
| ALLEN COUNTY FARMERS SERVICE | | SCOTTSVILLE | KY | | |
| | 20915 | 00-00-11 | Mg | 05.37 | 06.08 |
| | | | B | 00.37 | 00.32 |
| | 20910 | 24-16-12 | Fe | 00.04 | 00.42 |
| | 20914 | 25-16-12 | Fe | 00.03 | 00.32 |
| | 20916 | 25-16-12 | Fe | 00.03 | 00.30 |
| ANDERSON CO FARM SVC | | LAWRENCEBURG | KY | | |
| | 22196 | 00-00-58 | B | 00.24 | 00.21 |
| BANDANA AG INC. | | LA CENTER | KY | | |
| | 20389 | 05-17-34 | SO4 | 04.29 | 02.27* |
| BLACK GOLD ENVIROSAFE INC | | OXFORD | FL | | |
| | 21070 | 08-05-05 | WIN | 06.80 | 07.69 |
| | | | Ca | 04.00 | 07.38 |
| BLUEGRASS SEED/FERT INC. | | BARDSTOWN | KY | | |
| | 21600 | 08-22-28 | B | 00.52 | 00.51 |
| C & F FARM SUPPLY, INC. | | HISEVILLE | KY | | |
| | 20936 | 21-17-14 | Zn | 01.90 | 01.59* |
| | 20937 | 21-17-14 | Zn | 01.90 | 01.77 |
| | 20938 | 21-18-14 | Zn | 01.85 | 01.70 |
| | 20939 | 21-18-14 | Zn | 01.85 | 01.67 |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|----------------------------|--------|-------------|---------|--------|---------|
| CAMERON CHEMICALS, INC. | | PORTSMOUTH | VA | | |
| | 20003 | 00-00-00 | Mg | 36.00 | 38.50 |
| | 20328 | 00-00-00 | SO4 | 09.00 | 05.15* |
| | | | Zn | 36.00 | 34.48* |
| | 20512 | 00-00-00 | SO4 | 09.00 | 03.28* |
| | | | Zn | 36.00 | 39.23 |
| | 21195 | 00-00-00 | Mg | 36.00 | 30.20* |
| | 21990 | 00-00-00 | Mg | 36.00 | 31.43* |
| | 21991 | 00-00-00 | B | 10.00 | 09.09 |
| | 21992 | 00-00-00 | Zn | 36.00 | 46.40 |
| CLEMENTS AG SUPP. | | SPRINGFIELD | KY | | |
| | 22047 | 06-00-40 | B | 00.61 | 00.49* |
| CNI AGRIMINERALS, LLC | | ALBANY | GA | | |
| | 21394 | 00-00-00 | Fe | 08.00 | 11.35 |
| | | | Zn | 36.00 | 48.50 |
| | 22582 | 00-00-00 | Fe | 08.00 | 12.60 |
| | | | Zn | 36.00 | 52.67 |
| CROP PRODUCTION SVC (ALL) | | ALLENSVILLE | KY | | |
| | 20510 | 13-32-14 | Mg | 00.35 | 00.75 |
| | | | B | 00.02 | 00.50 |
| | | | Cu | 00.02 | 00.06 |
| | | | Zn | 01.05 | 00.72* |
| | 20511 | 13-32-14 | Mg | 00.35 | 01.38 |
| | | | Cu | 00.02 | 00.14 |
| | | | Zn | 01.05 | 01.89 |
| CROP PRODUCTION SVC (CYN) | | CYNTHIANA | KY | | |
| | 22688 | 03-07-46 | B | 00.79 | 00.81 |
| | 21838 | 21-00-07 | Ca | 12.30 | 10.74* |
| | | | Mg | 02.05 | 02.57 |
| CROP PRODUCTION SVC (EKR) | | EKRON | KY | | |
| | 21332 | 08-21-26 | B | 00.88 | 00.68* |
| | 21337 | 08-21-26 | B | 00.88 | 00.85 |
| | 21334 | 18-18-18 | B | 00.48 | 00.48 |
| CROP PRODUCTION SVC (FANC) | | FANCY FARM | KY | | |
| | 22001 | 08-20-26 | Ca | 02.57 | 02.96 |
| | | | Mg | 00.71 | 01.12 |
| | | | B | 00.05 | 00.05 |
| | | | Cu | 00.05 | 00.06 |
| | | | Mn | 00.07 | 00.10 |
| | | | Zn | 00.39 | 00.57 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-----------------------------|--------|--------------|---------|--------|---------|
| CROP PRODUCTION SVC (FANC) | | FANCY FARM | KY | | |
| | 22002 | 09-14-28 | Ca | 01.38 | 01.55 |
| | | | Mg | 00.38 | 00.70 |
| | | | B | 00.03 | 00.03 |
| | | | Cu | 00.03 | 00.02 |
| | | | Mn | 00.04 | 00.06 |
| | | | Zn | 00.21 | 00.30 |
| | 22003 | 09-14-28 | Ca | 01.38 | 01.42 |
| | | | Mg | 00.38 | 00.64 |
| | | | B | 00.03 | 00.03 |
| | | | Cu | 00.03 | 00.03 |
| | | | Mn | 00.04 | 00.06 |
| | | | Zn | 00.21 | 00.26 |
| CROP PRODUCTION SVC (FELTY) | | BEAVER DAM | KY | | |
| | 22150 | 10-19-31 | Zn | 00.70 | 00.91 |
| | 22147 | 10-21-28 | Zn | 00.64 | 00.92 |
| | 22148 | 10-21-28 | Zn | 00.64 | 00.76 |
| | 22149 | 10-21-28 | Zn | 00.64 | 00.93 |
| CROP PRODUCTION SVC (GLEN) | | GLENDALE | KY | | |
| | 21776 | 08-20-33 | B | 00.18 | 00.17 |
| CROP PRODUCTION SVC (HOD) | | HODGENVILLE | KY | | |
| | 20808 | 04-12-42 | B | 00.21 | 00.22 |
| CROP PRODUCTION SVC (HOR) | | HORSECAVE | KY | | |
| | 20940 | 06-16-37 | B | 00.42 | 00.36 |
| | 20941 | 06-16-37 | B | 00.42 | 00.41 |
| | 20942 | 06-16-37 | B | 00.42 | 00.44 |
| CROP PRODUCTION SVC (MAD) | | MADISONVILLE | KY | | |
| | 20339 | 05-14-40 | Zn | 00.49 | 00.66 |
| | 20340 | 05-14-40 | Zn | 00.49 | 00.67 |
| CROP PRODUCTION SVC (MOR) | | MORGANFIELD | KY | | |
| | 20253 | 05-17-31 | SO4 | 02.22 | 02.44 |
| | | | Zn | 00.44 | 00.62 |
| | 20254 | 05-18-32 | Zn | 00.44 | 00.51 |
| | 20255 | 05-18-32 | Zn | 00.44 | 00.55 |
| | 20256 | 05-18-32 | Zn | 00.44 | 00.52 |
| CROP PRODUCTION SVC (OBORO) | | OWENSBORO | KY | | |
| | 20416 | 05-02-43 | Mg | 00.33 | 00.36 |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|------------------------------|--------|--------------|---------|--------|---------|
| CROP PRODUCTION SVC (OBORO) | | OWENSBORO | | | |
| | | | KY | | |
| | 20425 | 06-12-21 | Mg | 00.06 | 00.31 |
| | 20419 | 06-12-40 | Mg | 00.10 | 00.27 |
| | 20420 | 06-12-40 | Mg | 00.10 | 00.29 |
| | 20417 | 06-13-21 | Mg | 00.07 | 00.31 |
| | 20418 | 06-13-21 | Mg | 00.07 | 00.28 |
| | 20421 | 09-19-31 | Mg | 00.10 | 00.37 |
| | 20422 | 09-19-31 | Mg | 00.10 | 00.39 |
| | 20423 | 17-37-02 | Mg | 00.20 | 00.76 |
| | 20424 | 17-38-02 | Mg | 00.20 | 00.76 |
| CROP PRODUCTION SVC (PEM) | | PEMBROKE | | | |
| | | | KY | | |
| | 20835 | 10-27-23 | Zn | 00.77 | 01.07 |
| | 20836 | 10-27-23 | Zn | 00.77 | 00.99 |
| CROP PRODUCTION SVC (POOL) | | POOLE | | | |
| | | | KY | | |
| | 22593 | 08-20-26 | B | 00.60 | 00.62 |
| | | | Cu | 00.42 | 00.46 |
| | | | Zn | 01.74 | 02.34 |
| CROP PRODUCTION SVC (RUS) | | RUSSELLVILLE | | | |
| | | | KY | | |
| | 20260 | 07-24-24 | SO4 | 03.00 | 03.14 |
| | | | Zn | 00.60 | 00.83 |
| | 20261 | 07-24-24 | SO4 | 03.00 | 03.25 |
| | | | Zn | 00.60 | 00.81 |
| | 20262 | 07-24-24 | SO4 | 03.00 | 03.16 |
| | | | Zn | 00.60 | 00.77 |
| CROP PRODUCTION SVC (RUSSEL) | | RUSSELLVILLE | | | |
| | | | KY | | |
| | 21461 | 09-24-18 | Mg | 02.06 | 01.63* |
| | | | B | 00.15 | 00.15 |
| | | | Zn | 00.74 | 01.87 |
| | 21462 | 09-24-18 | B | 00.15 | 00.14 |
| | | | Zn | 00.74 | 01.79 |
| | 21463 | 09-24-18 | Mg | 02.06 | 01.71* |
| | | | B | 00.15 | 00.13 |
| | | | Zn | 00.74 | 01.80 |
| | 21464 | 09-24-18 | Mg | 02.06 | 01.72* |
| | 21465 | 09-24-18 | Mg | 02.06 | 01.59* |
| | | | B | 00.15 | 00.13 |
| | | | Zn | 00.74 | 01.58 |
| | 21466 | 09-24-18 | Mg | 02.06 | 01.58* |
| | | | B | 00.15 | 00.13 |
| | | | Zn | 00.74 | 01.73 |
| CROP PRODUCTION SVC (SAC) | | SACRAMENTO | | | |
| | | | KY | | |
| | 22089 | 08-20-26 | Ca | 00.18 | 00.52 |
| | | | Mg | 01.92 | 02.54 |
| | | | B | 00.18 | 00.20 |
| | | | Zn | 00.72 | 01.07 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|---------------------------|--------|------------|---------|--------|---------|
| CROP PRODUCTION SVC (SAC) | | SACRAMENTO | KY | | |
| | 22090 | 08-20-26 | Ca | 00.18 | 00.51 |
| | | | Mg | 01.92 | 02.63 |
| | | | B | 00.18 | 00.17 |
| | | | Zn | 00.72 | 01.00 |
| | 22092 | 08-20-26 | Ca | 00.18 | 00.67 |
| | | | Mg | 01.92 | 02.77 |
| | | | B | 00.18 | 00.19 |
| | | | Zn | 00.72 | 00.98 |
| | 22093 | 08-20-26 | Ca | 00.18 | 00.54 |
| | | | Mg | 01.92 | 02.49 |
| | | | B | 00.18 | 00.16 |
| | | | Zn | 00.72 | 01.12 |
| CROP PRODUCTION SVC (UPT) | | UPTON | KY | | |
| | 21750 | 06-16-36 | B | 00.35 | 00.31 |
| | 20706 | 13-09-32 | B | 00.14 | 00.11* |
| CROP PRODUCTION SVC (WAV) | | WAVERLY | KY | | |
| | 20226 | 03-12-19 | SO4 | 01.62 | 01.87 |
| | | | Zn | 00.32 | 00.41 |
| | 20221 | 04-14-21 | Zn | 00.36 | 00.45 |
| | 20222 | 04-14-21 | SO4 | 01.82 | 01.96 |
| | | | Zn | 00.36 | 00.43 |
| | 20223 | 04-14-21 | SO4 | 01.82 | 02.02 |
| | | | Zn | 00.36 | 00.44 |
| | 20225 | 04-14-21 | SO4 | 01.82 | 02.02 |
| | | | Zn | 00.36 | 00.44 |
| | 20220 | 04-15-22 | Zn | 00.36 | 00.42 |
| | 20227 | 06-21-27 | SO4 | 02.69 | 02.73 |
| | | | Zn | 00.54 | 00.62 |
| | 20228 | 06-21-27 | SO4 | 02.69 | 02.78 |
| | | | Zn | 00.54 | 00.63 |
| | 20229 | 06-21-27 | SO4 | 02.69 | 02.75 |
| | | | Zn | 00.54 | 00.62 |
| CROP PRODUCTION SVC INC | | GREELEY | CO | | |
| | 20133 | 00-00-00 | S | 90.00 | 90.98 |
| | 20701 | 00-00-00 | S | 90.00 | 92.34 |
| | 20280 | 00-00-22 | Mg | 11.00 | 11.07 |
| | | | SO4 | 22.00 | 22.44 |
| | 20563 | 02-00-00 | Ca | 18.00 | 16.23* |
| | | | Mg | 05.00 | 05.83 |
| | | | B | 00.33 | 00.35 |
| | | | Cu | 00.33 | 00.42 |
| | | | Mn | 00.50 | 00.63 |
| | | | Zn | 02.75 | 03.25 |
| | 22006 | 02-00-00 | Ca | 18.00 | 19.15 |
| | | | Mg | 05.00 | 04.96 |
| | | | B | 00.33 | 00.47 |
| | | | Cu | 00.33 | 00.37 |
| | | | Mn | 00.50 | 00.65 |
| | | | Zn | 02.75 | 03.82 |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|----------|---------------------|---------|--------|---------|
| CROP PRODUCTION SVC INC | | GREELEY | CO | | |
| | 20101 | 12-40-00 | SO4 | 05.00 | 05.34 |
| | | | Zn | 01.00 | 01.19 |
| | 20902 | 12-40-00 | Zn | 01.00 | 01.25 |
| DYSART CORPORATION | | CANAL WINCHESTER | OH | | |
| | 21107 | 04-06-06 | WIN | 04.00 | 04.59 |
| | | | Ca | 05.00 | 09.51 |
| | 20033 | 08-18-18 | SO4 | 06.70 | 07.48 |
| | 20034 | 12-10-10 | SO4 | 13.10 | 13.29 |
| EASY GARDNER | | WACO | TX | | |
| | 22739 | 02-07-04 | WIN | 00.80 | 02.16 |
| | | | Ca | 07.00 | 12.94 |
| | | | Mg | 00.50 | 00.76 |
| | 21076 | 04-04-04 | WIN | 02.80 | 02.81 |
| | | | Ca | 08.00 | 11.37 |
| Mg | | | 00.50 | 00.78 | |
| EAU CLAIRE CO-OP OIL CO. | | EAU CLAIRE | WI | | |
| | 22708 | 15-23-10 | WIN | 01.60 | 01.57 |
| | | | Fe | 01.00 | 01.31 |
| | 22706 | 22-00-10 | WIN | 02.40 | 01.98* |
| | | | Fe | 01.00 | 00.93 |
| | 22707 | 30-00-03 | WIN | 03.20 | 03.24 |
| Fe | | | 01.00 | 01.12 | |
| ESPOMA CO. | | MILLVILLE | NJ | | |
| | 21439 | 03-04-04 | WIN | 02.20 | 02.27 |
| | | | Ca | 05.00 | 05.20 |
| | | | Mg | 01.00 | 01.96 |
| | 21438 | 03-04-06 | WIN | 02.10 | 01.89 |
| | | | Ca | 08.00 | 04.19* |
| | 20012 | 04-03-03 | WIN | 03.40 | 02.05* |
| | | | Ca | 04.00 | 04.98 |
| | | | Mg | 01.00 | 01.73 |
| | | | SO4 | 02.00 | 02.93 |
| | 22633 | 04-03-04 | WIN | 02.50 | 03.35 |
| | | | Mg | 01.00 | 01.69 |
| | 22661 | 04-03-04 | WIN | 02.50 | 03.22 |
| | | | Ca | 03.00 | 03.29 |
| Mg | | | 01.00 | 01.92 | |
| 22732 | 04-03-04 | WIN | 02.50 | 02.96 | |
| | | Ca | 03.00 | 03.29 | |
| | | Mg | 01.00 | 00.67* | |
| FARMERS FERTILIZER CO.(NASH. R | | BOWLING GREEN | KY | | |
| | 21444 | 09-22-29 | Mg | 00.24 | 00.60 |
| | | | B | 00.01 | 00.02 |
| | | | Cu | 00.01 | 00.01 |
| | | | Zn | 00.71 | 00.74 |
| | | | | | |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|---------------|---------|--------|---------|
| FARMERS FERTILIZER CO.(NASH. R | | BOWLING GREEN | KY | | |
| | 21445 | 09-22-29 | Mg | 00.24 | 00.56 |
| | | | B | 00.01 | 00.02 |
| | | | Cu | 00.01 | 00.03 |
| | 21446 | 09-22-29 | Mg | 00.24 | 00.64 |
| | | | B | 00.01 | 00.02 |
| | | | Cu | 00.01 | 00.05 |
| | | | Zn | 00.71 | 00.92 |
| | 21447 | 09-22-29 | Mg | 00.24 | 00.60 |
| | | | B | 00.01 | 00.03 |
| | | | Cu | 00.01 | 00.05 |
| | | | Zn | 00.71 | 00.66 |
| FERTRELL | | BAINBRIDGE | PA | | |
| | 20623 | 05-03-04 | WIN | 05.00 | 02.58* |
| | 20624 | 05-05-03 | WIN | 03.50 | 04.27 |
| FRIT INDUSTRIES | | OZARK | AL | | |
| | 22419 | 00-00-00 | Zn | 20.00 | 28.10 |
| GREAT SALT LAKE MINERALS | | OGDEN | UT | | |
| | 20048 | 00-00-50 | SO4 | 17.00 | 18.33 |
| GREEN CHARGER FERT CORP. | | RICHMOND | VA | | |
| | 20786 | 27-00-00 | Ca | 04.00 | 04.37 |
| | | | Mg | 01.00 | 02.65 |
| GREEN LIGHT A VALENT USA CO | | WALNUT CREEK | CA | | |
| | 22607 | 12-55-06 | Fe | 00.10 | 00.11 |
| GRIFFIN INDUSTRIES INC. | | COLD SPRING | KY | | |
| | 20053 | 05-06-06 | WIN | 04.50 | 05.52 |
| | | | Ca | 07.00 | 06.92 |
| | | | Mg | 01.50 | 02.23 |
| | | | SO4 | 04.00 | 05.08 |
| | 20052 | 08-03-05 | WIN | 07.20 | 06.90 |
| | | | Ca | 03.00 | 03.38 |
| | | | Mg | 02.20 | 02.48 |
| | | | SO4 | 04.00 | 04.96 |
| | 22723 | 08-03-05 | WIN | 07.20 | 08.02 |
| | | | Ca | 03.00 | 04.13 |
| | | | Mg | 02.20 | 02.12 |
| | 20055 | 08-05-05 | WIN | 06.80 | 07.00 |
| | | | Ca | 04.50 | 05.40 |
| | | | SO4 | 01.00 | 02.28 |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------|--------|-------------|---------|---------|---------|
| GRIFFIN INDUSTRIES INC. | | COLD SPRING | KY | | |
| | 22728 | 08-05-05 | WIN | 06.80 | 08.19 |
| | | | Ca | 04.50 | 04.59 |
| | 20059 | 09-00-09 | WIN | 08.00 | 08.93 |
| | | | SO4 | 03.00 | 03.41 |
| | 22727 | 09-00-09 | WIN | 08.00 | 09.07 |
| | 20071 | 10-00-08 | WIN | 09.00 | 09.58 |
| | | | Ca | 01.00 | 01.92 |
| | | | SO4 | 03.00 | 03.06 |
| | 22726 | 10-00-08 | WIN | 09.00 | 08.37 |
| | | | Ca | 01.00 | 02.68 |
| | 20056 | 10-02-08 | WIN | 09.00 | 09.95 |
| | | | Ca | 01.80 | 01.76 |
| | | | SO4 | 03.00 | 03.14 |
| | 22724 | 10-02-08 | WIN | 09.00 | 09.12 |
| | | | Ca | 01.80 | 02.12 |
| | 20054 | 12-02-06 | WIN | 05.60 | 05.57 |
| | | | Ca | 02.00 | 02.87 |
| | | | SO4 | 08.00 | 08.42 |
| | 20050 | 13-00-00 | WIN | 12.04 | 12.28 |
| | 22725 | 13-00-00 | WIN | 12.04 | 12.61 |
| | 20057 | 15-00-08 | WIN | 09.20 | 10.94 |
| | | | Ca | 01.00 | 02.44 |
| | | | SO4 | 03.00 | 02.45* |
| | 22731 | 15-00-08 | WIN | 09.20 | 09.38 |
| | | | Ca | 01.00 | 02.38 |
| | 20051 | 21-03-07 | WIN | 02.10 | 03.19 |
| | | | Ca | 02.00 | 03.79 |
| | | | SO4 | 02.00 | 02.13 |
| | 22730 | 21-03-07 | WIN | 02.10 | 03.69 |
| | | | Ca | 02.00 | 04.39 |
| | 22729 | 27-00-02 | WIN | 03.30 | 05.32 |
| | | | Ca | 01.00 | 02.09 |
| | 20058 | 27-02-02 | WIN | 03.30 | 03.41 |
| | | | Ca | 02.00 | 02.93 |
| GRO TEC INC. | | MADISON | GA | | |
| | 20007 | 12-10-10 | SO4 | 09.00 | 08.62 |
| | | | B | 00.02 | 00.00* |
| | | | Fe | 02.00 | 02.02 |
| | | | Mn | 00.10 | 00.02* |
| | | | Mo | 00.0005 | 00.0008 |
| | | | Zn | 00.10 | 00.01* |
| | 20014 | 12-10-10 | SO4 | 09.00 | 09.83 |
| | | | B | 00.02 | 00.01* |
| | | | Fe | 02.00 | 02.14 |
| | | | Mn | 00.10 | 00.02* |
| | | | Mo | 00.0005 | 00.0004 |
| | | | Zn | 00.10 | 00.01* |
| | 21075 | 12-10-10 | Ca | 09.00 | 09.43 |
| | | | Fe | 01.00 | 01.81 |
| | | | Mn | 00.10 | 00.05* |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.10 | 00.02* |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------------|--------|--------------|---------|---------|---------|
| GRO TEC INC. | | MADISON | GA | | |
| | 22752 | 12-10-10 | B | 00.02 | 00.04 |
| | | | Fe | 02.00 | 02.92 |
| | | | Mn | 00.10 | 00.22 |
| | | | Mo | 00.0005 | 00.0009 |
| | | | Zn | 00.10 | 00.22 |
| | 20013 | 18-24-06 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.03* |
| | | | Fe | 00.25 | 01.71 |
| | | | Mn | 00.10 | 00.07* |
| | | | Mo | 00.0005 | 00.0026 |
| | | | Zn | 00.10 | 00.15 |
| | 21074 | 18-24-06 | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.03* |
| | | | Fe | 00.25 | 01.38 |
| | | | Mn | 00.10 | 00.12 |
| | | | Mo | 00.0005 | 00.0012 |
| | | | Zn | 00.10 | 00.20 |
| | 22336 | 18-24-06 | B | 00.02 | 00.05 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.25 | 01.34 |
| | | | Mn | 00.10 | 00.19 |
| | | | Mo | 00.0005 | 00.0004 |
| | | | Zn | 00.10 | 00.18 |
| | 22751 | 18-24-06 | B | 00.02 | 00.04 |
| | | | Cu | 00.05 | 00.07 |
| | | | Fe | 00.25 | 01.96 |
| | | | Mn | 00.10 | 00.18 |
| | | | Mo | 00.0005 | 00.0012 |
| | | | Zn | 00.10 | 00.25 |
| | 20084 | 22-00-11 | SO4 | 01.40 | 01.68 |
| | 20085 | 22-00-14 | SO4 | 01.40 | 01.73 |
| | 21104 | 29-00-05 | Fe | 02.00 | 03.17 |
| GROW MORE INC | | GARDENA | CA | | |
| | 21109 | 05-01-05 | WIN | 05.00 | 05.85 |
| HELENA CHEMICAL CO (SHARON) | | SHARON | TN | | |
| | 21682 | 07-19-32 | Zn | 00.13 | 00.16 |
| | 21683 | 07-19-32 | Zn | 00.13 | 00.14 |
| | 21684 | 07-19-32 | Zn | 00.13 | 00.14 |
| HELENA CHEMICAL COMPANY (COL) | | COLLIERVILLE | TN | | |
| | 22600 | 11-08-05 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0050 |
| | | | Zn | 00.05 | 00.05 |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|--------------|---------|---------|---------|
| HELENA CHEMICAL COMPANY (COL) | | COLLIERVILLE | TN | | |
| | 22626 | 11-08-05 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.05 | 00.05 |
| | 22599 | 12-00-00 | B | 05.00 | 05.05 |
| | 21894 | 25-00-00 | B | 00.50 | 00.44 |
| | 22625 | 25-00-00 | B | 00.50 | 00.49 |
| HELENA CHEMICAL COMPANY (HICK) | | HICKMAN | KY | | |
| | 21907 | 18-37-00 | Zn | 00.17 | 00.20 |
| | 21908 | 18-38-00 | Zn | 00.14 | 00.23 |
| | 21912 | 20-12-16 | Zn | 00.06 | 00.07 |
| | 21913 | 20-12-16 | Zn | 00.06 | 00.09 |
| | 21914 | 20-12-16 | Zn | 00.06 | 00.07 |
| | 21909 | 29-00-00 | Zn | 00.13 | 00.11* |
| | 21910 | 29-00-00 | Zn | 00.13 | 00.10* |
| | 21911 | 29-00-00 | Zn | 00.13 | 00.13 |
| HENRY FARMERS COOP | | MURRAY | KY | | |
| | 21578 | 12-13-29 | B | 00.01 | 00.01 |
| | | | Zn | 00.01 | 00.02 |
| HOWARD JOHNSONS ENT., INC. | | FRANKLIN | WI | | |
| | 20016 | 05-03-02 | WIN | 03.00 | 02.39* |
| INFINITY FERTILIZERS INC | | MILAN | IL | | |
| | 21007 | 10-12-12 | Fe | 01.11 | 01.44 |
| | | | Mn | 00.05 | 00.07 |
| | | | Mo | 00.0006 | 00.0036 |
| | | | Zn | 00.05 | 00.16 |
| J. R. PETERS | | ALLENTOWN | PA | | |
| | 22663 | 20-20-20 | Cu | 00.05 | 00.04 |
| | | | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0009 | 00.0034 |
| | | | Zn | 00.05 | 00.04 |
| KENTUCKY FERTILIZER (WINCH) | | WINCHESTER | KY | | |
| | 20948 | 00-00-00 | B | 10.00 | 10.39 |
| | 22655 | 33-00-13 | Zn | 00.80 | 00.95 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|---------------------------|----------|--------------|---------|---------|---------|
| KNOX FERTILIZER CO., INC. | | KNOX | IN | | |
| | 22368 | 10-54-10 | Cu | 00.05 | 00.05 |
| | | | Zn | 00.05 | 00.03* |
| | 22712 | 15-30-15 | Cu | 00.05 | 00.04 |
| | | | Fe | 00.10 | 00.11 |
| | | | Mn | 00.05 | 00.05 |
| | 22369 | 24-08-16 | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.12 |
| | | | Mn | 00.05 | 00.05 |
| | | | Zn | 00.05 | 00.06 |
| LEBANON SEABOARD CORP | | LEBANON | PA | | |
| | 22705 | 10-07-07 | Ca | 05.00 | 05.57 |
| | | | Fe | 01.00 | 01.05 |
| | | | Mn | 00.30 | 00.36 |
| | 22718 | 20-27-05 | Fe | 01.00 | 00.92 |
| | 22719 | 30-00-03 | B | 00.02 | 00.02 |
| | | Cu | 00.05 | 00.07 | |
| LESCO INC. | | CLEVELAND | OH | | |
| | 20024 | 12-24-14 | Fe | 00.43 | 00.85 |
| | | | Mn | 00.21 | 00.25 |
| | 22339 | 14-14-14 | Fe | 00.45 | 00.91 |
| | | | Mn | 00.45 | 00.59 |
| | 22187 | 14-20-04 | Fe | 00.36 | 01.61 |
| | 22329 | 24-00-11 | Fe | 02.00 | 02.49 |
| | | | Mn | 01.00 | 00.69* |
| | 20398 | 28-00-03 | WIN | 01.30 | 01.86 |
| | | | Fe | 00.70 | 01.26 |
| 22186 | 32-00-08 | Fe | 02.00 | 02.31 | |
| LILLY MILLER BRANDS | | WALNUT CREEK | CA | | |
| | 21077 | 04-10-10 | WIN | 01.70 | 01.63 |
| | | | Ca | 06.00 | 11.99 |
| | | | B | 00.02 | 00.02 |
| | | | Fe | 00.10 | 00.38 |
| | | | Mn | 00.05 | 00.08 |
| | | | Mo | 00.0005 | 00.0008 |
| | | | Zn | 00.05 | 00.09 |
| | 22602 | 04-10-10 | Ca | 06.00 | 11.25 |
| | | | B | 00.02 | 00.03 |
| | | | Fe | 00.10 | 00.58 |
| | | | Mn | 00.05 | 00.11 |
| | | | Mo | 00.0005 | 00.0009 |
| | | | Zn | 00.05 | 00.10 |
| | 21105 | 10-10-10 | WIN | 01.70 | 01.43 |
| | | | B | 00.02 | 00.04 |
| | | | Fe | 00.10 | 00.38 |
| | | | Mn | 00.05 | 00.12 |
| | | | Mo | 00.0005 | 00.0008 |
| | | Zn | 00.05 | 00.13 | |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|--------------|---------|---------|---------|
| LILLY MILLER BRANDS | | WALNUT CREEK | CA | | |
| | 22601 | 10-10-10 | B | 00.02 | 00.03 |
| | | | Fe | 00.10 | 00.34 |
| | | | Mn | 00.05 | 00.11 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.05 | 00.10 |
| | 21078 | 24-08-16 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.04 |
| | | | Fe | 00.10 | 00.12 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0010 | 00.0012 |
| | | | Zn | 00.05 | 00.05 |
| LOVELAND PRODUCTS, INC. | | GREELEY | CO | | |
| | 20098 | 06-00-01 | B | 00.03 | 00.06 |
| | | | Cu | 00.25 | 00.22 |
| | | | Fe | 00.25 | 00.26 |
| | | | Mn | 00.25 | 00.22 |
| | | | Mo | 00.0010 | 00.0011 |
| | | | Zn | 05.05 | 05.59 |
| | 20628 | 07-17-03 | Cu | 00.07 | 00.06 |
| | | | Fe | 00.20 | 00.26 |
| | | | Mn | 00.06 | 00.06 |
| | | | Zn | 00.95 | 01.20 |
| | 20748 | 07-17-03 | Cu | 00.07 | 00.05* |
| | | | Fe | 00.20 | 00.28 |
| | | | Mn | 00.06 | 00.06 |
| | | | Zn | 00.95 | 01.12 |
| | 21061 | 07-24-04 | Zn | 00.08 | 00.13 |
| MARTIN MARIETTA | | MANISTEE | MI | | |
| | 21393 | 00-00-00 | Mg | 58.00 | 57.71 |
| MARTIN OPERATING PARTNERSHIP L | | KILGORE | TX | | |
| | 21974 | 00-00-00 | S | 90.00 | 92.18 |
| MATHIS FARM SUPP. | | MELBER | KY | | |
| | 21770 | 12-11-28 | Mg | 00.29 | 00.75 |
| | | | B | 00.01 | 00.02 |
| | | | Cu | 00.01 | 00.04 |
| | | | Zn | 00.88 | 00.93 |
| | 21771 | 12-11-28 | Mg | 00.29 | 00.56 |
| | | | B | 00.01 | 00.02 |
| | | | Cu | 00.01 | 00.04 |
| | | | Zn | 00.88 | 00.83 |
| MAYSLICK MILL | | MAYSLICK | KY | | |
| | 21404 | 00-00-55 | B | 00.83 | 00.81 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|--------------|---------|---------|---------|
| MOSAIC CROP NUTRITION, LLC | | RIVERVIEW | FL | | |
| | 20049 | 00-00-22 | Mg | 10.80 | 11.02 |
| | | | SO4 | 22.00 | 22.60 |
| | 22721 | 00-00-22 | Mg | 10.80 | 11.71 |
| | 20232 | 12-40-00 | SO4 | 05.00 | 05.24 |
| | | | Zn | 01.00 | 01.16 |
| | 20634 | 12-40-00 | Zn | 01.00 | 01.29 |
| | 20880 | 12-40-00 | Zn | 01.00 | 01.26 |
| PENNINGTON SEED INC | | GREENFIELD | MO | | |
| | 20022 | 18-24-06 | B | 00.02 | 00.03 |
| | | | Cu | 00.01 | 00.01 |
| | | | Fe | 00.25 | 00.91 |
| | | | Mn | 00.10 | 00.04* |
| | | | Mo | 00.0005 | 00.0007 |
| ROD MCLELLAN COMPANY | | INDEPENDENCE | OR | | |
| | 20403 | 06-09-00 | WIN | 06.00 | 07.88 |
| | 22659 | 12-00-00 | WIN | 12.00 | 14.97 |
| ROOTBLAST INTERNATIONAL INC | | CANTON | OH | | |
| | 21005 | 05-06-08 | WIN | 02.00 | 01.92 |
| | | | Ca | 05.60 | 09.04 |
| | | | Mg | 03.30 | 04.60 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.09 |
| | | | Fe | 02.70 | 03.33 |
| | | | Mn | 01.10 | 00.88* |
| | | | Zn | 01.00 | 01.50 |
| SCHULTZ CO. | | BRIDGETON | MO | | |
| | 22603 | 10-15-10 | Fe | 00.10 | 00.11 |
| | | | Mn | 00.05 | 00.05 |
| | | | Zn | 00.05 | 00.07 |
| SCOTTS MIRACLE-GRO PRODUCTS, I | | MARYSVILLE | OH | | |
| | 22538 | 06-09-00 | WIN | 06.00 | 07.48 |
| | 22753 | 12-00-00 | WIN | 12.00 | 14.54 |
| | 22755 | 12-09-06 | Zn | 00.05 | 00.05 |
| | 22334 | 15-05-10 | Fe | 00.10 | 00.28 |
| | | | Mn | 00.05 | 00.11 |
| | 22193 | 24-08-16 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.19 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.06 |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|---------------|---------|---------|---------|
| SECURITY SEED & CHEMICAL INC (| | MURRAY | | | |
| | 22122 | 06-13-04 | Cu | 00.01 | 00.01 |
| | | | Fe | 00.01 | 00.14 |
| | | | Mn | 00.04 | 00.04 |
| | | | Zn | 00.07 | 00.07 |
| SEVENTY FEEDS LLC | | EUBANK | | | |
| | 21664 | 25-00-20 | Zn | 03.95 | 03.72 |
| SPECTRUM GROUP | | ST. LOUIS | | | |
| | 20102 | 20-27-05 | Fe | 02.00 | 02.41 |
| SQM NORTH AMERICA | | ATLANTA | | | |
| | 22614 | 20-10-20 | Mg | 00.50 | 00.57 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.01 | 00.01 |
| | | | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0100 | 00.0081 |
| | | | Zn | 00.02 | 00.03 |
| SS (CYN) LEXINGTON COOP-CYN BR | | CYNTHIANA | | | |
| | 21795 | 07-17-31 | Mg | 02.00 | 02.01 |
| | 21796 | 07-17-31 | Mg | 02.00 | 02.22 |
| | 21797 | 07-17-31 | Mg | 02.00 | 02.17 |
| | 22685 | 10-00-17 | Mg | 00.86 | 03.31 |
| | 22683 | 17-04-16 | Mg | 00.70 | 02.62 |
| | 22687 | 17-04-17 | Mg | 00.74 | 02.27 |
| | 22681 | 18-03-15 | Mg | 00.79 | 02.73 |
| SS (ELIZ) HARDIN COOP, INC | | ELIZABETHTOWN | | | |
| | 21350 | 06-17-37 | B | 00.06 | 00.03* |
| | 21347 | 10-16-33 | B | 00.01 | 00.02 |
| | | | Zn | 00.03 | 00.04 |
| | 21348 | 10-16-33 | B | 00.01 | 00.02 |
| | | | Zn | 00.03 | 00.04 |
| SS (ELKT) RUSS.-TODD BRANCH | | ELKTON | | | |
| | 21471 | 29-27-00 | B | 00.05 | 00.05 |
| SS (EMIN) INC KNTCKANA SVC-HEN | | EMINENCE | | | |
| | 21675 | 06-13-40 | B | 00.10 | 00.10 |
| | 20853 | 07-18-35 | B | 00.03 | 00.05 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|--------------|---------|--------|---------|
| SS (EMIN) INC KNTCKANA SVC-HEN | | EMINENCE | KY | | |
| | 22010 | 28-11-14 | Zn | 00.07 | 00.07 |
| | 22011 | 28-11-14 | Zn | 00.07 | 00.07 |
| SS (GEOR) GEORGETOWN COOP | | GEORGETOWN | KY | | |
| | 22157 | 01-04-51 | B | 00.50 | 00.41* |
| | 21269 | 25-00-02 | Mg | 01.01 | 04.06 |
| SS (HARR) CNTRL KY SVC | | HARRODSBURG | KY | | |
| | 20887 | 17-00-37 | B | 00.14 | 00.10* |
| SS (HEND) HENDERSON COOP | | HENDERSON | KY | | |
| | 20446 | 00-21-28 | Zn | 00.49 | 00.22* |
| | 20442 | 00-21-29 | Zn | 00.49 | 00.48 |
| | 20443 | 00-21-29 | Zn | 00.49 | 00.44 |
| | 20444 | 00-21-29 | Zn | 00.49 | 00.38* |
| | 20445 | 00-21-29 | Zn | 00.49 | 00.22* |
| | 20447 | 00-21-29 | Zn | 00.49 | 00.24* |
| | 20448 | 00-21-29 | Zn | 00.49 | 00.28* |
| | 20449 | 00-21-29 | Zn | 00.49 | 00.23* |
| SS (HODG) HARDIN COOP HODG BR | | HODGENVILLE | KY | | |
| | 20813 | 05-12-43 | B | 00.01 | 00.02 |
| | 20821 | 08-20-17 | B | 00.36 | 00.41 |
| | | | Cu | 00.66 | 00.78 |
| | | | Zn | 00.89 | 01.08 |
| SS (HOPK) HOPKINSVILLE COOP | | HOPKINSVILLE | KY | | |
| | 20977 | 09-22-29 | Zn | 00.09 | 00.09 |
| | 20978 | 09-22-29 | Zn | 00.09 | 00.09 |
| | 20825 | 10-25-25 | Zn | 00.08 | 00.09 |
| | 20826 | 10-25-25 | Zn | 00.08 | 00.08 |
| | 20823 | 10-27-23 | Zn | 00.08 | 00.10 |
| | 20824 | 10-27-23 | Zn | 00.08 | 00.08 |
| | 20827 | 18-18-21 | B | 00.03 | 00.03 |
| SS (LIBE) LIBERTY SVC | | LIBERTY | KY | | |
| | 21250 | 02-11-11 | B | 00.07 | 00.05* |
| | 21249 | 24-13-16 | B | 00.02 | 00.01* |
| | | | Cu | 00.01 | 00.00* |
| | | | Fe | 00.01 | 00.16 |
| | | | Mn | 00.15 | 00.13 |
| | | | Zn | 00.14 | 00.04* |
| | 22240 | 28-07-16 | Zn | 00.05 | 00.06 |
| | 22241 | 28-07-16 | Zn | 00.05 | 00.06 |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|----------|--------------|---------|--------|---------|
| SS (MAYS) FLEMINGSBURG COOP-MA | | MAYSVILLE | | | |
| | 21392 | 05-14-39 | B | 00.49 | 00.39* |
| SS (MORG) MORGANFIELD COOP | | MORGANFIELD | | | |
| | 20406 | 00-25-25 | Zn | 00.09 | 00.11 |
| SS (OWEN) COOP OWENSBORO | | OWENSBORO | | | |
| | 20435 | 05-00-45 | SO4 | 06.00 | 05.94 |
| | 20083 | 07-00-20 | SO4 | 08.24 | 08.56 |
| | 20439 | 07-11-37 | SO4 | 03.01 | 03.53 |
| | | | Zn | 00.07 | 00.05* |
| | 20440 | 07-11-37 | SO4 | 03.01 | 03.06 |
| | | | Zn | 00.07 | 00.10 |
| | 20436 | 08-22-29 | B | 00.02 | 00.02 |
| | | | Zn | 00.08 | 00.06* |
| | 20437 | 08-22-29 | B | 00.02 | 00.02 |
| | | | Zn | 00.08 | 00.07* |
| | 20438 | 08-22-29 | B | 00.02 | 00.02 |
| | | | Zn | 00.08 | 00.08 |
| 20433 | 10-17-25 | SO4 | 04.71 | 05.19 | |
| SS (OWIN) OWINGSVILLE SVC | | OWINGSVILLE | | | |
| | 22747 | 33-00-15 | B | 00.09 | 00.10 |
| | | | Zn | 00.38 | 00.35 |
| | 22748 | 33-00-15 | B | 00.09 | 00.11 |
| | | | Zn | 00.38 | 00.48 |
| | 22749 | 33-00-15 | B | 00.09 | 00.11 |
| Zn | | | 00.38 | 00.38 | |
| SS (RICH) COOP INC FERT DIV | | RICHMOND | | | |
| | 21415 | 00-00-22 | Mg | 11.00 | 11.39 |
| | 21791 | 00-00-22 | Mg | 11.00 | 11.65 |
| | 20862 | 12-40-00 | Zn | 01.00 | 01.24 |
| | 20073 | 21-00-00 | SO4 | 24.00 | 23.82 |
| SS (RUSS) RUSSELLVILLE COOP | | RUSSELLVILLE | | | |
| | 20384 | 00-00-54 | Mg | 01.38 | 01.53 |
| | | | SO4 | 02.76 | 03.08 |
| | | | Zn | 00.71 | 00.57* |
| | 20385 | 05-14-35 | Mg | 01.28 | 01.44 |
| | | | SO4 | 02.57 | 02.96 |
| | | | Zn | 00.23 | 00.20* |
| | 20381 | 08-22-24 | Mg | 01.77 | 02.09 |
| | | | SO4 | 03.55 | 04.38 |
| | 20382 | 08-22-24 | Mg | 01.77 | 02.37 |
| SO4 | | | 03.55 | 04.77 | |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------------|-------------------------|--|--|--|--|
| SS (SHEL) SHELBYVILLE COOP | 21318 | SHELBYVILLE 09-23-27 | KY Zn | 00.36 | 00.41 |
| | | | | | |
| SS (SPRI) LEBANON-SPRINGFIELD | 22213 | SPRINGFIELD 16-17-23 | KY Zn | 00.74 | 00.88 |
| | | | | | |
| SS (WINC) CLARK COOP | 22292 22293 | WINCHESTER 24-19-12 24-19-12 | KY Zn Zn | 00.24 00.24 | 00.21* 00.26 |
| | | | | | |
| | | | | | |
| SS (WINC) COOP, INC. | 22758 20954 20020 | WINCHESTER 00-00-58 00-10-30 09-28-20 | KY B B Mn Zn | 00.45 00.45 00.05 00.05 | 00.36* 00.35* 00.09 00.08 |
| | | | | | |
| | | | | | |
| | | | | | |
| STANLEY CROP SERVICE LLC | 21973 | OWENSBORO 08-22-29 | KY B | 00.12 | 00.09* |
| | | | | | |
| SUN BULB COMPANY, INC. | 22604 | ARCADIA 11-35-15 | FL B Cu Fe Mn Mo Zn | 00.02 00.05 00.10 00.05 00.0005 00.05 | 00.04 00.05 00.11 00.06 00.0004 00.05 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| SWISS FARMS PRODUCTS, INC. | 20104 | LAS VEGAS 12-05-07 | NV Ca SO4 B Cu Fe Mn Mo Zn | 03.00 03.00 00.02 00.05 00.10 00.05 00.0005 00.05 | 05.49 09.82 00.03 00.06 00.68 00.07 00.0006 00.32 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | 21054 | 12-05-07 | B Cu Fe Mn Mo Zn | 00.02 00.05 00.20 00.05 00.0005 00.05 | 00.02 00.07 00.66 00.04 00.0009 00.23 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | 21072 | 12-10-05 | Mg B Cu Fe Mn Mo Zn | 01.50 00.02 00.05 01.00 00.05 00.0005 00.05 | 01.84 00.04 00.08 01.55 00.10 00.0009 00.34 |
| | | | | | |
| | | | | | |
| | | | | | |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------------|--------|------------|---------|---------|---------|
| SWISS FARMS PRODUCTS, INC. | | LAS VEGAS | NV | | |
| | 21055 | 15-30-15 | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.09 |
| | | | Fe | 00.15 | 00.21 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0009 |
| | | | Zn | 00.06 | 00.08 |
| | 22192 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.18 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0008 |
| | | | Zn | 00.06 | 00.07 |
| | 21073 | 16-04-08 | B | 00.02 | 00.04 |
| | | | Cu | 00.05 | 00.07 |
| | | | Fe | 01.00 | 01.24 |
| | | | Mn | 00.05 | 00.10 |
| | | | Mo | 00.0005 | 00.0064 |
| | | | Zn | 00.05 | 00.17 |
| | 20105 | 24-08-16 | SO4 | 03.00 | 03.79 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.06 |
| | | | Fe | 00.15 | 00.18 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.05 | 00.06 |
| T AND N, INC | | FORISTELL | MO | | |
| | 22711 | 12-22-10 | Fe | 00.70 | 01.51 |
| THE ANDERSONS INC | | MAUMEE | OH | | |
| | 20626 | 14-14-14 | Cu | 00.10 | 00.13 |
| | | | Fe | 01.00 | 01.59 |
| | | | Mn | 00.10 | 00.14 |
| | | | Zn | 00.10 | 00.18 |
| THE ANDERSONS INC (GALVESTON) | | GALVESTON | IN | | |
| | 21696 | 06-18-06 | Zn | 00.05 | 00.05 |
| THE ORTHO GROUP | | MARYSVILLE | OH | | |
| | 22337 | 07-09-07 | Mg | 00.66 | 01.61 |
| | | | Fe | 00.44 | 01.98 |
| | | | Mn | 00.16 | 00.27 |
| | | | Zn | 00.05 | 00.07 |
| THE SCOTTS CO. | | MARYSVILLE | OH | | |
| | 22606 | 11-02-02 | WIN | 10.00 | 10.31 |
| | | | Ca | 01.50 | 02.04 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-----------------------------|--------|-----------------|---------|--------|---------|
| THE SCOTTS CO. | | MARYSVILLE | OH | | |
| | 22717 | 22-02-02 | Fe | 05.75 | 04.95* |
| | 20196 | 26-02-12 | SO4 | 09.00 | 09.69 |
| | 20086 | 32-00-10 | SO4 | 06.00 | 07.07 |
| | 20286 | 32-00-10 | SO4 | 04.00 | 04.63 |
| | | | Fe | 02.00 | 02.42 |
| | 20287 | 32-00-10 | SO4 | 06.00 | 07.11 |
| TIGER-SUL PRODUCTS, LLC | | ATMORE | AL | | |
| | 20830 | 00-00-00 | S | 90.00 | 91.35 |
| | 21395 | 00-00-00 | S | 80.00 | 89.50 |
| | 21396 | 00-00-00 | S | 80.00 | 89.50 |
| TRI COUNTY FERT. | | RICHMOND | KY | | |
| | 22535 | 08-20-27 | B | 00.91 | 01.06 |
| U.S. BORAX INC. | | BORON | CA | | |
| | 20667 | 00-00-00 | B | 14.30 | 14.07 |
| | 21839 | 00-00-00 | B | 14.30 | 14.52 |
| UNITED INDUSTRIES | | ST. LOUIS | MO | | |
| | 20005 | 20-27-05 | Fe | 02.00 | 02.79 |
| VARIOUS REPORTING COMPANIES | | LEXINGTON | KY | | |
| | 22704 | 01-01-01 | WIN | 01.00 | 00.92 |
| | | | Ca | 01.00 | 01.11 |
| | | | Fe | 00.50 | 00.97 |
| | 22330 | 06-08-10 | Mg | 01.50 | 02.20 |
| | | | B | 00.06 | 00.01* |
| | | | Cu | 00.06 | 00.03* |
| | | | Fe | 05.00 | 04.38* |
| | | | Mn | 00.50 | 00.45 |
| | | | Zn | 00.15 | 00.10* |
| | 21108 | 12-11-02 | WIN | 07.94 | 07.33 |
| VOLUNTARY PURCHASING | | BONHAM | TX | | |
| | 22664 | 09-13-07 | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.10 | 01.26 |
| | | | Mn | 00.05 | 00.08 |
| | | | Zn | 00.05 | 00.07 |
| WARNER FERT CO. (RUSS) | | RUSSELL SPRINGS | KY | | |
| | 22250 | 08-21-27 | B | 00.70 | 00.53* |

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------|--------|------------|---------|--------|---------|
| WARNER FERT CO. (SOM) | | SOMERSET | KY | | |
| | 20844 | 26-11-14 | B | 00.35 | 00.42 |
| WARNER FERT CO. (STANF) | | STANFORD | KY | | |
| | 21489 | 09-12-33 | B | 00.30 | 00.26 |
| WINFIELD SOLUTIONS LLC | | ST. PAUL | MN | | |
| | 21060 | 23-00-07 | Fe | 02.00 | 02.45 |
| | 21847 | 23-00-07 | Fe | 02.00 | 02.68 |
| | 20864 | 24-00-04 | Fe | 02.00 | 02.30 |
| | 21059 | 24-00-04 | Fe | 02.00 | 02.49 |
| | 22280 | 24-00-04 | Fe | 02.00 | 02.87 |
| WOLF TRAX | | WINNIPEG | MB | | |
| | 21788 | 00-00-00 | Zn | 62.00 | 76.45 |
| WOODFORD FEED CO. | | VERSAILLES | KY | | |
| | 22028 | 24-07-18 | Zn | 02.68 | 03.26 |
| | 22029 | 24-07-18 | Zn | 02.68 | 02.53 |
| | 22031 | 24-07-18 | Zn | 02.68 | 04.00 |
| | 22032 | 24-07-18 | Zn | 02.68 | 04.08 |
| | 22037 | 24-07-18 | Zn | 02.68 | 03.94 |
| | 22036 | 26-00-12 | B | 00.09 | 00.10 |
| | 22611 | 27-00-09 | Zn | 00.59 | 00.98 |
| YARA NORTH AMERICA | | TAMPA | FL | | |
| | 20285 | 16-00-00 | Ca | 19.00 | 18.71 |

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

| | | |
|---|---|---|
| 3-D ORGANIC SOLUTIONS LLC 3450 NORTH STATE ST UNITS D/E UKIAH, CA 95482 | A.H. HOFFMAN P.O. BOX 290 LANCASTER, NY 14086 | ABR, LLC 1541 S BERETANIA ST, SUITE 360 HONOLULU, HI 96826 |
| ACADIAN SEAPLANTS LIMITED 30 BROWN AVE DARTMOUTH, NS B3B 1X8 | ACCESS BUSINESS GROUP, LLC 7575 FULTON RD. EAST ADA, MI 49355 | ACE HARDWARE (OAK) P.O. BOX 4883 OAK BROOK, IL 46350 |
| ADM FERTILIZER 701 4TH AVE., S. SUITE 800 MINNEAPOLIS, MN 55415-1633 | ADVANCED MICROBIAL SOLUTIONS POB 519 PILOT POINT, TX 76258 | ADVANCED NUTRIENTS #109-31063 WHEEL AVE ABBOTSFORD, BC V2T 6H1 |
| ADVANCED NUTRIENTS (AMY SERAFIN) POB 261 BRANDENBURG, KY 40108 | ADVANCED TURF SOLUTIONS, INC 12840 FORD DRIVE FISHERS, IN 46038 | AG CONCEPTS CORP 12552 W Executive DR Suite A BOISE, ID 83713 |
| AG DISTRIBUTORS INC P.O. BOX 459 HARDINSBURG, KY 40143 | AG DISTRIBUTORS, INC. P.O. BOX 90366 6615 ROBERTSON AVE NASHVILLE, TN 37209 | AG/GRO FERTILIZER CO. (HILL ST.) 303 HILL ST. WINCHESTER, KY 40391 |
| AG/GRO FERTILIZER CO. (PEND. ST.) PENDLETON ST. WINCHESTER, KY 40391 | AGGRAND A DIV OF AMSOIL, INC. 925 TOWER AVE. SUPERIOR, WI 54880 | AGNATION 1600 HANH RD MARSHALL, MN 56268 |
| AGRI-BUSINESS TECH, INC 1102 THIRD AVENUE ALBANY, GA 31707 | AGRI-CHEM INC (RUSS) 333 WATERMELON RD RUSSELLVILLE, KY 42276 | AGRI-CHEM, INC (BARD) 2351 HIGHWAY 51 N BARDWELL, KY 42023 |
| AGRI-CHEM, INC. (HERN) 11825 LAFAYETTE RD. HERNDON, KY 42236 | AGRI-CHEM, INC. (HOPK) P.O. BOX 31 1106 W 15TH STREET HOPKINSVILLE, KY 42240 | AGRI-CHEM, INC. (PRIN) P.O. BOX 527 PRINCETON, KY 42445 |
| AGRI-CHEM, INC. (TRENT) 393 PENCHAM RD. TRENTON, KY 42286 | AGRI-GRO MARKETING HC 4 BOX 333 DONIPHAN, MO 63935 | AGRIENERGY RESOURCES 21417 1950E ST. PRINCETON, IL 61356 |
| AGRIGRO FARM CTR, INC P.O. BOX 143 HARTFORD, KY 42347 | AGRIMAR CORP 5634 ATLANTA HWY, STE 200 FLOWERY BRANCH, GA 30542 | AGRINOS INC 820 S MAC ARTHUR BLVD #105-357 COPPELL, TX 75019 |
| AGRIPORT TERMINAL 1127 PORT AUTHORITY RD. EDDYVILLE, KY 42038 | AGRIUM ADVANCED (BRANTFORD) 10 CRAIG STREET BRANTFORD, ON N3R 7J1 | AGRIUM ADVANCED TECH INC (MO) HIGHWAY 79 SOUTH LOUISIANA, MO 63353 |
| AGRIUM ADVANCED TECH INC. (AL) 1425 EDWARDS ST. SYLACUGA, AL 35150 | AGRIUM ADVANCED TECHNOLOGIES US INC 2915 ROCKY MOUNTAIN AVE LOVELAND, CO 80538 | AGRIUM ADVANCED TECHNOLOGIES US INC 2405 W VASSAR RD REESE, MI 48757-9340 |
| AGRIUM U.S. INC. (DENV) 4582 S. ULSTER ST., STE. 1700 DENVER, CO 80237 | AGRO CULTURE LIQUID FERT. 3055 W M 21 ST. JOHNS, MI 48879 | AGRO DISTRIBUTION, LLC C/O AGRILIANCE P.O. BOX 64089 ST. PAUL, MN 55164-0089 |
| AGRO K CORPORATION 8030 MAIN ST., NE MINNEAPOLIS, MN 55432-1844 | AGROPLANTAE INC 1865 HERNDON AVE SUITE K321 CLOVIS, CA 93611 | AGROTAIN INTERNATIONAL, LLC ONE ANGELICA STREET ST. LOUIS, MO 63147 |
| AGXPLORE INT'L LLC POB 638 PARMA, MO 63870-0638 | ALL PLANT LIQUID PLANT FOOD 804 ST RT 511 N ASHLAND, OH 44805 | ALL STAR PRODUCTS GROUP LLC POB 3179 WALLINGFORD, CT 06494 |

TABLE 3 (Continued)

| | | |
|--|--|---|
| ALLEN COUNTY FARMERS SERVICE 512 SMITHS GROVE RD. SCOTTSVILLE, KY 42164 | ALLIED IMPORTS AND LOGISTICS INC 1162 SAMOA BLVD ARCATA, CA 95521 | AMERICAN PLANT FOOD CORPORATION POB 584 GALENA PARK, TX 77547 |
| AMEROPA NORTH AMERICA INC 2502 N. ROCKY POINT DR #160 TAMPA, FL 33607 | AMTURF ENTERPRISES LLC PO BOX 905 CROWN POINT, IN 46307 | ANDERSON CO FARM SVC 145 HAWKINS LAWRENCEBURG, KY 40342 |
| ANTLER KING TROPHY PRODUCTS INC 811 RED IRON RD BLACK RIVER FALLS, WI 54615 | AQUA-AID INC 5484 OLD CARRIAGE RD ROCKY MOUNT, NC 27803 | AQUATROLS CORPORATION OF AMERICA 1273 IMPERIAL WAY PAULSBORO, NJ 08066 |
| AQUEON 5401 W. OAKWOOD DR FRANKLIN, WI 53132 | ARBORJET 99 BLUEBERRY HILL RD WOBBURN, MA 01801 | ARYSTA LIFE SCIENCE NORTH AMERICA 1450 BROADWAY, 7TH FLOOR NEW YORK, NY 10018 |
| ASB GREENWORLD P.O. BOX 1728 VALDOSTA, GA 31603-1728 | ATAMI AMERICA INC POB 20169 PARIS ON N3L 4A5 CANADA, | AZOMITE MINERAL PRODUCT (ADMIN) POB 21 NEPHI, UT 84648 |
| AZOMITE MINERAL PRODUCTS INC 7406 NE 84TH TERRACE KANSAS CITY, MO 64157 | B-G FERTILIZER LLC ATTN: AGRONOMY 1701 TOWANDA AVE BLOOMINGTON, IL 61701 | B-G FERTILIZER LLC 5125 RIVER RD CINCINNATI, OH 45233 |
| BAICOR, L.C. P.O. BOX 725 1895 N. 600 W. LOGAN, UT 84321 | BALL DPF LLC 401 N WALNUT SHERMAN, TX 75090 | BALLARD COUNTY COOPERATIVE PO BOX 329 LA CENTER, KY 42056 |
| BANDANA AG INC. 100 NEEDMORE RD LA CENTER, KY 42056-9807 | BARENBRUG USA INC POB 239 TANGENT, OR 97389 | BAYER ADVANCED LLC 31 INVERNESS CENTER PKWY STE. 425 BIRMINGHAM, AL 35242 |
| BAYER ADVANCED, BU OF BCS LP P.O. BOX 12014 RESEARCH TRIANGLE PK, NC 27709 | BAYER ENVIRONMENTAL SCIENCE PO BOX 12014 RESEARCH TRIANGLE PK, NC 27709 | BCA PRODUCTS POB 429 SLEEPY EYE, MN 56085 |
| BEATY FERTILIZER P.O. BOX 2516 CLEVELAND, TN 37320 | BECKER-UNDERWOOD, INC. 801 DAYTON AVE. PO BOX 667 AMES, IA 50010 | BECKETT CORPORATION 5931 W. CAMPUS CIRCLE DR IRVING, TX 75063 |
| BELL AQUATICS LLC 9885 W SR 67 REDKEY, IN 47373 | BENEFICIAL BIOLOGICALS 148 S G STREET ARCATA, CA 95521 | BENEFICIAL REUSE MANAGEMENT 212 SUPERIOR STREET NO. 402 CHICAGO, IL |
| BIAGRO WESTERN SALES 35801 RD. 132 VISALIA, CA 93292 | BICKETT AGRI CTR. 10391 ST. RT 175-N CENTRAL CITY, KY 42330 | BICKETT AGRI CTR. 9921 STATE RD. 56-EAST MORGANFIELD, KY 42437 |
| BIO ENZYME LLC 265 CHURCHILL LANE BALLWIN, MO 63021 | BIOWISH TECHNOLOGIES (WISE ORGA) 130 MICHIGAN AVE SUITE 2800 CHICAGO, IL 60601 | BIOWORKS INC 100 RAWSON ROAD SUITE 205 VISTOR, NY 14564 |
| BIOZ AGRI PRODUCTS INC RR#1 S40 C17 OLIVER BC, CN V0H ITO | BLACK GOLD P. O. BOX 190 OXFORD, FL 34484 | BLACK GOLD ENVIROSAFE INC POB 190 OXFORD, FL 34484 |
| BLOOMFIELD FERTILIZER CHEM CO., INC 100 DEPOT STREET P.O. BOX 370 BLOOMFIELD, KY 40008-0370 | BLUEGRASS SEED/FERT INC. 3345 BLOOMFIELD RD. BARDSTOWN, KY 40004 | BONIDE PRODUCTS, INC. 6301 SUTLIFF ROAD ORISKANY, NY 13424 |

TABLE 3 (Continued)

| | | |
|--|--|---|
| BONNIE PLANTS 1727 HWY 223 UNION SPRINGS, AL 36085 | BOUGAINVILLEA GROWERS INTERNATIONAL 9771 87TH PLACE SOUTH BOYNTON BEACH, FL 33472 | BRANDT CONSOLIDATED INC 2935 S KOKE MILL RD SPRINGFIELD, IL 62711 |
| BRIDGEWELL RESOURCES 12420 SE CARPENTER DR CLACKAMAS, OR 97015 | BUCKEYE RESOURCES 3815 SPRINGFIELD XENIA RD SPRINGFIELD, OH 45506 | BUTTERFIELD FARMS P.O. BOX 184 EAU CLAIRE, PA 16030 |
| C & F FARM SUPPLY, INC. P.O. BOX 98 HISEVILLE, KY 42152 | C F INDUSTRIES 4 PARKWAY N, SUITE 400 DEERFIELD, IL 60015-2590 | C GREEN, LLC PO BOX 612 BEREA, KY 40403 |
| C. D. POORE FERTILIZER 708 BURKESVILLE RD. ALBANY, KY 42602 | CALCIUM PRODUCTS INCORPORATED POB 281 GILMORE CITY, IA 50541 | CAMERON CHEMICALS, INC. #5 BEECHWOOD COURT PORTSMOUTH, VA 23702-2313 |
| CANEYVILLE MILLING CO POB 178 CANEYVILLE, KY 42721 | CANNA CONTINENTAL 1140 W OLYMPIC BLVD SUITE 200 LOS ANGELES, CA 90064 | CANNON PACKAGING COMPANY, INC POB 862 HUMBOLDT, TN 38343 |
| CANTON MILLS, INC P.O. BOX 97 MINNESOTA CITY, MN 55959 | CAROLINA SOIL CO. P.O. BOX 1140 KINSTON, NC 28503 | CARRIE CRAWFORD 5927 PAINT BANK RD. NEW CASTLE, VA 24127 |
| CARSO, INC 404 S. VINE ST, POB 139 CAMARGO, IL 61919 | CECILIA FARM SVC INC. P.O. BOX 7 CECILIA, KY 42724 | CEN FARMERS SUP. OF GREEN 901 COLUMBIA HIGHWAY GREENSBURG, KY 42743 |
| CENTRAL CROP CARE 1742 KY HWY 3244 CRAB ORCHARD, KY 40419 | CENTRAL GARDEN & PET 5401 W. OAKWOOD PARK DR FRANKLIN, WI 53132 | CENTRAL KENTUCKY CROP SERVICE 64 SAINT FRANCIS RD ST. FRANCIS, KY 40062 |
| CENTRAL KY CROP SERVICE (ADMIN) POB 494 LEBANON, KY 40033 | CGB FERTILIZER 5130 PORT ROAD JEFFERSONVILLE, IN 47130 | CGB FERTILIZER (ADMIN) POB 1179 JEFFERSONVILLE, IN 47130 |
| CHAMBERLAIN CONSULTING 791 QUEENS GATE WAY WADSWORTH, OH 44281 | CHARAH INC 12601 PLANTSIDE DR LOUISVILLE, KY 40222 | CHARLIE'S COMPOST LLC 1195 HWY 815 CALHOUN, KY 42327 |
| CHATTA CREEK RESOURCES CLEVELAND, TN | CHEM ONE LTD 14140 WESTFAIR EAST DR. HOUSTON, TX 77041 | CHEMSICO, DIV OF UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114 |
| CHEROKEE NITROGEN 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243 | CHRYSAL AMERICAS 3063 NW 107TH AVE MIAMI, FL 33172 | CHS POB 64089 ST. PAUL, MN 55164-0089 |
| CIBA-GEIGY CORP. P.O. BOX 18300 GREENSBORO, NC 27419 | CLARKS GROCERY 6911 HWY. 779 ROCKHOLDS, KY 40759 | CLEARY CHEMICAL CORPORATION 178 RIDGE ROAD, STE A DAYTON, NJ 08810 |
| CLEMENTS AG SUPP. P.O. BOX 347 SPRINGFIELD, KY 40069 | CLEMENTS AG SUPPLY (DANV) 410 VAKSDAHL AVE DANVILLE, KY 40422 | CNI AGRIMINERALS, LLC PO BOX 3706 ALBANY, GA 31706 |
| COASTAL SUPPLY COMPANY 1977 BAY RD. MILFORD, DE 19936 | COFFEYVILLE RES. NITROGEN FERT ATTN: MICHAEL O'DONNELL 10 E. CAMBRIDGE CIR, STE 250 KANSAS CITY, KS 66103 | COLD SPRING EGG FARM N 9416 TAMARACK RD WHITEWATER, WI 53190 |

TABLE 3 (Continued)

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| COLLINGWOOD ETHANOL VALUE PRDTS ULC 330 BAY STREET SUITE 304 TORONTO, ON M5H 2S8 | COMMUNITY FARM STORE, LLC 521 E. MAIN ST. SALEM, KY 42078 | CONKLIN CO., INC. 551 VALLEY PARK DRIVE P.O. BOX 155 SHAKOPEE, MN 55379-0155 |
| CONRAD FAFARD, INC. PO BOX 790 AGAWAM, MA 01001 | CORBIN FARM & GARDEN CTR. P.O. BOX 1187 1205 MASTERS STREET CORBIN, KY 40701 | CORE AGRI LLC POB 1027 ARROYO GRANDE, CA 93421 |
| CORE AGRI LLC POB 1027 ARROYO GRANDE, CA 93421 | CP BIO INC 4802 MURRIETA ST CHINO, CA 91710 | CROP PRODUCTION SVC (CADIZ) 5357 HOPKINSVILLE RD. CADIZ, KY 42211 |
| CROP PRODUCTION SVC (ALL) 7645 ALLENSVILLE RD. ALLENSVILLE, KY 42204 | CROP PRODUCTION SVC (BROWNS) PO BOX 169 BROWNS, IL 62818 | CROP PRODUCTION SVC (CAMP) P.O. BOX 7 CAMPBELLSVILLE, KY 42719 |
| CROP PRODUCTION SVC (CLA) 8381 SR 132-W CLAY, KY 42404-2167 | CROP PRODUCTION SVC (CLAR) P.O. BOX 8 CLARKSON, KY 42726 | CROP PRODUCTION SVC (CYN) POB 310 CYNTHIANA, KY 41031 |
| CROP PRODUCTION SVC (EKR) P.O. BOX 10 EKRON, KY 40117 | CROP PRODUCTION SVC (FANC) 10693 STATE RT. 121N FANCY FARM, KY 42039 | CROP PRODUCTION SVC (FELTY) 230 E. FIRST ST PO BOX 186 BEAVER DAM, KY 42320 |
| CROP PRODUCTION SVC (FRA) 2169 SPRINGFIELD RD. FRANKLIN, KY 42134 | CROP PRODUCTION SVC (GLEN) P.O. BOX 155 GLENDALE, KY 42740 | CROP PRODUCTION SVC (GUTH) 4050 GUTHRIE RD. GUTHRIE, KY 42234 |
| CROP PRODUCTION SVC (HARD) 1266 BREWER HWY HARDIN, KY 42048 | CROP PRODUCTION SVC (HEND) 641 U.S. HWY 41 SOUTH HENDERSON, KY 42420 | CROP PRODUCTION SVC (HENDERSON) 1229 OUTER 5TH ST HENDERSON, KY 42420 |
| CROP PRODUCTION SVC (HOD) P.O. BOX 147 HODGENVILLE, KY 42748 | CROP PRODUCTION SVC (HOR) 6495 S. JACKSON HWY. HORSECAVE, KY 42749 | CROP PRODUCTION SVC (KEVIL) POB 112 KEVIL, KY 42053-0112 |
| CROP PRODUCTION SVC (LEB) P.O. BOX 493 LEBANON, KY 40033 | CROP PRODUCTION SVC (MAD) P.O. BOX 506 MADISONVILLE, KY 42431 | CROP PRODUCTION SVC (MOR) 4770 US HWY. 60 WEST MORGANFIELD, KY 42437 |
| CROP PRODUCTION SVC (MUR) 1319 CROSS SPANN RD MURRAY, KY 42071 | CROP PRODUCTION SVC (OBO) P.O. BOX 22879 OWENSBORO, KY 42304 | CROP PRODUCTION SVC (OBORO) 1911 OLD CALHOUN RD HWY 81 OWENSBORO, KY 42301 |
| CROP PRODUCTION SVC (OWBO) 9210 KY HWY 56 OWENSBORO, KY 42301 | CROP PRODUCTION SVC (PEM) P.O. BOX 129 PEMBROKE, KY 42266 | CROP PRODUCTION SVC (POOL) 95 BAKER AVE. POOLE, KY 42444 |
| CROP PRODUCTION SVC (RIVERPORT) 2700 RINALDO RD OWENSBORO, KY 42301 | CROP PRODUCTION SVC (RUSSEL) POB 8 MORGANTOWN RD RUSSELLVILLE, KY 42276-0008 | CROP PRODUCTION SVC (SAC) P.O. BOX 229 SACRAMENTO, KY 42372 |
| CROP PRODUCTION SVC (SCHOC) 5240 HALL STORE RD. RUSSELLVILLE, KY 42276 | CROP PRODUCTION SVC (SED) 1680 STATE RT 339E SEDALIA, KY 42079 | CROP PRODUCTION SVC (SHEL) POB 488 SHELBYVILLE, KY 40066 |
| CROP PRODUCTION SVC (SLA) P.O. BOX 38 SLAUGHTERS, KY 42456 | CROP PRODUCTION SVC (UPT) P.O. BOX 108 UPTON, KY 42784 | CROP PRODUCTION SVC (UTICA) 3425 HWY 140 W UTICA, KY 42376 |

TABLE 3 (Continued)

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| CROP PRODUCTION SVC (WAV) 4630 US HWY. 60-E WAVERLY, KY 42462 | CROP PRODUCTION SVC (WILSON) 800 RAILROAD ST WILSON, NC 27893 | CROP PRODUCTION SVC INC P.O. BOX 1286 GREELEY, CO 80632 |
| CROWN TECHNOLOGY, INC. 7513 E. 96TH ST. INDIANAPOLIS, IN 46256 | CSI CHEMICAL CORPORATION POB 39 BONDURANT, IA 50035 | CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN, KY 42729 |
| CX HYDROPONICS POB 8048 WANBROO WA, AU 6169 | DABNEY FEED SUPP 6075 HWY 70 BRODHEAD, KY 40409 | DASCO INCORPORATED 1880 WILLOW PKWY, SUITE 10 MONUMENT, CO 80132 |
| DASCO, INC POB 1447 MONUMENT, CO 80132 | DAVEY TREE EXPERT CO. 1500 N. MANTUA ST. P O BOX 5193 KENT, OH 44240 | DAVEY TREE EXPERT CO. 6065 BRANCH HILL RD. MILFORD, OH 45150 |
| DAVIS BROTHERS FARMS POB 487 CUNNINGHAM, KY 42035 | DELTA GROWERS ASSOCIATION PO BOX 249 CHARLESTON, MO 63834 | DELTAG PO BOX 4812 GREENVILLE, MS 38704 |
| DMF BAIT COMPANY 1130 SYLVERTIS RD WATERFORD, MI 48328 | DOMESTIC FERTILIZER INC. 1750 SEVENTEENTH ST. PARIS, KY 40361 | DP FOODS 401 N. WALNUT SHERMAN, TX 75090 |
| DRAKES FARM SVC. POB 308 340 LOGANSPOUR RD MORGANTOWN, KY 42261-0308 | DRAMM CORPORATION 2000 N 18TH STREET P.O. BOX 1960 MANITOWOC, WI 54220 | DREXEL CHEMICAL CO. P.O. BOX 13327 MEMPHIS, TN 38113-0327 |
| DYNA-GRO 2775 GIANT RD RICHMOND, CA 94806 | DYSART CORPORATION 60 ELM STREET CANAL WINCHESTER, OH 43110 | E.B. STONE & SON, INC. P.O. BOX 550 SUISUN, CA 94585 |
| EARTHWORKS 1500 UHLER RD. EASTON, PA 18040 | EASY GARDNER P.O. BOX 21025 WACO, TX 76702-1025 | EAU CLAIRE CO-OP OIL CO. PO BOX 837 EAU CLAIRE, WI 54702 |
| ECOLOGICAL LABORATORIES INC 2525 NE 9TH AVE CAPE CORAL, FL 33909 | ECOLOGICAL LABORATORIES INC (ADMIN) POB 184 MALVERNE, NY 11565 | EIGHTY EIGHT FERTILIZER CO., INC. 242 NOBOB RD GLASGOW, KY 42141 |
| EL DORADO CHEMICAL COMPANY 1309 RIDGE ROAD, SUITE 315 ROCKWALL, TX 75087-4243 | EMERALD ISLE 2153 NEWPORT RD. ANN ARBOR, MI 48103 | ENCAP, LLC 3921 ALGOMA ROAD GREEN BAY, WI 54311-9707 |
| ENP INC POB 618 MENDOTA, IL 61342 | ENVIRO-SAFE LABS, INC 1579 BARBER ROAD SARASOTA, FL 34240 | ENVIROWISE LLC 601 GATEWAY CT BAKERSFIELD, CA 93307 |
| ERM 9987 CARVER ROAD SUITE 240 CINCINNATI, OH 45242 | ESPOMA CO. 6 ESPOMA RD. MILLVILLE, NJ 08332 | EVERGREEN LIQUID PLANT 790 ST. CHARLES ST. W R.R. #1 BRESLAU, ON N0B 1M0 |
| EVERRIS NA POB 3310 DUBLIN, OH 43016 | EXCEL MARKETING INC 1340 TREAT BLVD WALNUT CREEK, CA 94597 | EXCELAG CORPORATION 7300 N KENDALL DR SUITE 521 MIAMI, FL 33156 |
| FARMERS FERTILIZER CO. POB 51426 BOWLING GREEN, KY 42102 | FARMERS FERTILIZER CO.(KELLY RD) 739 KELLEY RD. BOWLING GREEN, KY 42101 | FARMERS FERTILIZER CO.(NASH. RD) 5619 OLD NASHVILLE RD. LOOP 2 BOWLING GREEN, KY 42101 |

TABLE 3 (Continued)

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| FARMERS GIN CO. P.O. BOX 295 CLINTON, KY 42031 | FARMERS LIME CO. HWY. 45-E POB 3236 SOUTH FULTON, TN 38257 | FARNAM CO. 301 W. OSBORN RD. PHOENIX, AZ 85013 |
| FBSCIENCES INC 153 N MAIN SUITE 100 COLLIERVILLE, TN 38017 | FERRY-MORSE SEED COMPANY POB 1620 FULTON, KY 42041 | FERTI TECHNOLOGIES 560, CHEMIN RHEAUME C.P. 129 ST MICHAEL, QC J0L 2L0 |
| FERTRELL P.O. BOX 265 BAINBRIDGE, PA 17502 | FLEMING CO FARM SUPP. 1724 MAYSVILLE ROAD FLEMINGSBURG, KY 41041 | FLORATINE PRODUCTS GROUP 355 E SOUTH ST COLLIERVILLE, TN 38017 |
| FLORATINE PRODUCTS GROUP 144 MID-SOUTH CV COLLIERVILLE, TN 38017 | FLORIKAN E.S.A. CORPORATION 1579 BARBER RD. SARASOTA, FL 34240-9391 | FLORISTS TRANSWORLD DELIVERY 3113 WOODCREEK DRIVE DOWNERS GROVE, IL 60515 |
| FOLI ORGANIC NUTRIENTS 3525 SR 32 WEST WESTFIELD, IN 46074 | FOXFARM SOIL & FERTILIZER COMPANY POB 787 ARCATA, CA 93518 | FRANK HINTON & SON P.O. BOX 10 PLUMMERS LANDING, KY 41081 |
| FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE, OH 43537 | FREEPORT-MCMORAN SIERRITA INC 6200 W. DUVAL MINE RD GREEN VALLEY, AZ 85614 | FRESH START GROWERS 1007 E JEFFERSON ST LOUISVILLE, KY 40206 |
| FRICK SERVICES INC 3154 W DEPOT ST WAWAKA, IN 46749 | FRIT INDUSTRIES P.O. BOX 1589 OZARK, AL 36361 | G.M. TAYLOR SEED CO. 618 MILITARY ST. GEORGETOWN, KY 40324 |
| GARDEN PRO COMPANY 2764 OLD LEXINGTON RD CAVE CITY, KY 42127 | GARICK 13600 BROADWAY AVENUE CLEVELAND, OH 44125 | GAVILON (KANSAS CITY) 4100 MULBERRY DR POB 34621 KANSAS CITY, MO 64116 |
| GAVILON FERTILIZER INC 3860 N. MAIN STREET, SUITE A E. PEORIA, IL 61611 | GAVILON FERTILIZER INC 5 SKIDAWAY VILLAGE WALK SAVANNAH, GA 31411 | GENERAL HYDROPONICS PO BOX 1576 SEBASTOPOL, CA 95473 |
| GEOGLOBAL PARTNERS 1727 OLD OKEECHOBEE RD WEST PALM BEACH, FL 33409 | GHB CONSULTING 46 LAURA DR LE MARS, IA 51031 | GOOD EARTH HORTICULTURE, INC P.O. BOX 266 LANCASTER, NY 14086 |
| GORILLA PLANT FOOD 8705 HARRIS RD PADUCAH, KY 42001 | GREAT SALT LAKE MINERALS 765 N. 10500 WEST OGDEN, UT 84404 | GREEN & HAGSTROM 7767 FERNVALE RD. PO BOX 658 FAIRVIEW, TN 37062 |
| GREEN CHARGER FERT CORP. P.O. BOX 26234 RICHMOND, VA 23260 | GREEN COUNTRY SOIL 8500 S. 620 ROAD MIAMI, OK 74354 | GREEN LIGHT PO BOX 17985 SAN ANTONIO, TX 78216 |
| GREEN LIGHT A VALENT USA CO POB 8025 WALNUT CREEK, CA 94596 | GREEN RIVER FEED MILL P.O. BOX 410 700 S. MAIN STREET MORGANTOWN, KY 42261 | GREEN SCIENCE TECHNOLOGY 4598 HIGHWAY H SILEX, MO 63377 |
| GREEN TECHNOLOGIES LLC POB 35790 GAINESVILLE, FL 32635-7905 | GREENLEAF PLANT FOOD P.O. BOX 113 410 VAKSDAHL AVENUE DANVILLE, KY 40423 | GREENLEAF PRODUCTS 38190 HWY 27 DAVENPORT, FL 33837 |
| GREENVIEW DIV- LEBANON SEABOARD CO 1600 E. CUMBERLAND ST. LEBANON, PA 17042 | GRIFFIN INDUSTRIES INC. 4221 ALEXANDRIA PIKE COLD SPRING, KY 41076-1821 | GRIFFIN INDUSTRIES INC. P.O. BOX 2007 HENDERSON, KY 42419-2007 |

TABLE 3 (Continued)

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| GRIGG BROTHERS 9495 1050 E PO BOX 128 ALBION, ID 83311 | GRO GREEN INC 717 ELK ST BUFFALO, NY 14210 | GRO TEC INC. P.O. BOX 290 MADISON, GA 30650-1821 |
| GROW MORE INC 15600 NEW CENTURY DRIVE GARDENA, CA 90248 | GROWER'S SECRET 1541 S BERETANIA ST, SUITE 306 HONOLULU, HI 96826 | GROWERS CHEMICAL CORP. 321-329 HURON STREET P.O. BOX 1750 MILAN, OH 44846 |
| GROWMARK INC. 1701 TOWANDA AVE. BLOOMINGTON, IL 61702 | GUSTAFSON LLC 1400 PRESTON ROAD STE 400 PLANO, TX 75093 | HAIFA NORTH AMERICA INC 307 CRANES ROOST BLVD #2030 ALAMONTE SPRINGS, FL 32701 |
| HANCOCK COUNTY FARM P.O. BOX 95 HAWESVILLE, KY 42348 | HARRELL'S PO BOX 807 LAKELAND, FL 33802 | HARRELL'S INC P.O. BOX 807 LAKELAND, FL 33815 |
| HARSCO MINERALS 357 NORTH PIKE RD SARVER, PA 16055 | HELENA CHEMICAL 120 SETTLE RD. INMAN, SC 29349-7501 | HELENA CHEMICAL CO (SHARON) 4874 HWY 45 E SHARON, TN 38369 |
| HELENA CHEMICAL COMPANY (COL) 225 SCHILLING BLVD. SUITE 300 COLLIERVILLE, TN 38017 | HELENA CHEMICAL COMPANY (HICK) 3500 ST RT 1099 HICKMAN, KY 42050 | HELENA CHEMICAL COMPANY (MURR) 2878 WISWELL RD MURRAY, KY 42071 |
| HELENA CHEMICAL COMPANY (OBOR) 2301 EBACH STREET OWENSBORO, KY 42303 | HELENA CHEMICAL COMPANY (RUSS) 910 NASHVILLE RD RUSSELLVILLE, KY 42276 | HELENA CHEMICAL COMPANY (SPR) PO BOX 366 SPRINGFIELD, KY 40069 |
| HELM FERTILIZER 10150 HIGHLAND MANOR DR SUITE 230 TAMPA, FL 33610 | HELM FERTILIZER CORP (ADMN OFFICES) 4042 PARK OAKS BLVD, SUITE 330 TAMPA, FL 33610 | HENRY FARMERS COOP 4075 HWY 641 S MURRAY, KY 42071 |
| HENRY FARMERS COOP P.O. BOX 1058 PARIS, TN 38242 | HIDDEN CREATIONS 1000 LINCOLN ROAD SUITE H, #123 YUBA CITY, CA 95991 | HOLLAND BEAUTY CORP 8480 N. 87TH ST. MILUAKEE, WI 53224 |
| HOMEGROWN HYDROPONICS INC 26 METEOR DRIVE TORONTO, ON M9W 1A4 | HONEYWELL P.O. BOX 1559 HOPEWELL, VA 23860 | HORTISOL USA CORPORATION 7340 STEMLEY BRIDGE RD TALLADEGA, AL 35160 |
| HOWARD JOHNSONS ENT., INC. 9675 S 60TH ST FRANKLIN, WI 53132 | HUGH SIMS 438 THIRD STREET NEW HAVEN, KY 40051 | HUMBOLDT NUTRIENTS 6 FIFTH STREET EUREKA, CA 95501 |
| HYDROGRO LLC 6045 N SCOTTSDALE RD SCOTTSDALE, AZ 85250 | HYDROGRO LLC (ADMIN) 4495 ENHANTED LANE MOUND, MN 55364 | HYDROLYSATE COMPANY OF AMERICA, LLC P.O. BOX 271 ISOLA, MS 38754 |
| HYPERVERFORMER PRODUCTS 7664 SMYTHE FARM RD MEMPHIS, TN 38120 | HYPONEX CORP. 14111 SCOTTSLAWN RD. MARYSVILLE, OH 43041 | HYSINGER FARM 1375 ROSE HILL RD MT VERNON, KY 40456 |
| ICL PREMIUM FERTILIZERS NA 4950 BLAZER MEMORIAL PARKWAY DUBLIN, OH 43017 | ICL PREMIUM FERTILIZERS NA 622 EMERSON RD ST. LOUIS, MO 63141 | IMPROCROP 3031 CATNIP HILL PIKE NICHOLASVILLE, KY 40356 |
| INFINITY FERTILIZERS INC POB 1158 MILAN, IL 61264 | INSTA-GRO MANUFACTURING, INC. 8217 LINN HIPSHER RD. CALEDONIA, OH 43314 | INTELLI GROWTH INDUSTRIES LLC 3450 W SPENCER ST APPLETON, WI 54914 |

TABLE 3 (Continued)

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| INTERNATIONAL CHEMICAL 1887 E 71ST STREET TULSA, OK 74136 | J. R. PETERS 6656 GRANT WAY ALLENTOWN, PA 18106 | J.R. SIMPLOT COMPANY (BOI) P.O. BOX 27 BOISE, ID 83707 |
| JANES FERTILIZER & FARM SUPPLY 4540 EDMONTON RD. COLUMBIA, KY 42728 | JIFFY OF THE AMERICAS 601 STEPHEN BEALE DR FULTON, KY 42041-1620 | JIGSAW MARKETING & MEDIA LTD POB 703 BUCKS, UK HP6 9BX |
| JIMMY SANDERS (BG) 1753 RICHPOND RD BOWLING GREEN, KY 42104 | JIMMY SANDERS (HART) POB 23 HARTFORD, KY 42347 | JIMMY SANDERS (KEVIL) 12240 HWY 60 WEST KEVIL, KY 42053 |
| JON CARLOFTIS 155 CHENAULT RD LEXINGTON, KY 40502 | JONATHAN GREEN & SONS P.O. BOX 326 FARMINGDALE, NJ 07727 | JONI MILLER 8425 GUTHRIE RD GUTHRIE KY 42234, 42234 |
| JRM CHEMICAL 4881 NEO PKWY. CLEVELAND, OH 44128 | JUNGLE GROWTH 1771 BROAD ST STATHAM, GA 30666 | KEES FARM SVC . P.O. BOX 901 GRAYSON, KY 41143 |
| KEG RIVER CHEMICAL CORP 10350 21 ST EDMONTON, AB T6P 1W4 | KELLY REGISTRATION SYSTEMS 10115 HWY 142, N COVINGTON, GA 30014 | KENS VALUE CTR. 5529 KY HWY. 1054 SOUTH BERRY, KY 41003-8620 |
| KENT MARINE 9675 S. 60TH STREET FRANKLIN, WI 53132 | KENTUCKY EARTHWORM CASTINGS 371 THOMPSON RD LEXINGTON, KY 40508 | KENTUCKY EARTHWORM CASTINGS (ADMIN) 351 PATCHEN DRIVE LEXINGTON, KY 40517 |
| KENTUCKY FERTILIZER (WINCH) 303 HILL ST WINCHESTER, KY 40391 | KENTUCKY FERTILIZER LLC 1402 W MAIN ST LOUISVILLE, KY 40203 | KEYPLEX POB 2515 WINTER PARK, FL 32790 |
| KNOX FERTILIZER CO., INC. P.O.BOX 248 W. CULVER ROAD KNOX, IN 46534 | KOCH AGRONOMIC SERVICES LLC 4111 E 37TH STREET NORTH WICHITA, KS 67220 | KOCH AGRONOMIC SERVICES LLC (ADMN) POB 2900 WICHITA, KS 67201-2900 |
| KOCH FERTILIZER TRADING SARL POB 2219 WICHITA, KS 67201 | KOCH FERTILIZER TRADING SARL (ADMN) POB 2900 WICHITA, KS 67201-2900 | KOCH NITROGEN COMPANY LLC POB 2219 WICHITA, KS 67201 |
| KOCH NITROGEN COMPANY, LLC (ADMIN) P.O. BOX 2900 WICHITA, KS 67201-2900 | KOCH NITROGEN INT'L SARL P.O. BOX 2900 WICHITA, KS 62701-2900 | KRESTI A. LYDDON, CONSULTING 9980-230 S+N SCANDEA, MN 55273 |
| LAKE CUMBERLAND FARMERS CO-OP 469 E HIGHWAY 90 BY-PASS MONTICELLO, KY 42633 | LAMINATIONS, INC. 1300 MEYLERT AVE SCRANTON, PA 18509 | LANDIS INTERNATIONAL INC POB 5126 VALDOSTA, GA 31603-5126 |
| LAWN AND GARDEN PRODUCTS, INC P O BOX 35000 FRESNO, CA 93745 | LAWN CURE OF SOUTH. IN POB 558 5000 PROGRESS WAY SELLERSBURG, IN 47172 | LEBANON SEABOARD CORP 1600 E. CUMBERLAND ST. LEBANON, PA 17042 |
| LESCO INC. 1385 EAST 36TH STREET CLEVELAND, OH 44114-4114 | LIDOCHEM INC 20 VILLAGE COURT HAZLET, NJ 07730 | LILLY MILLER BRANDS P.O. BOX 2289 CLACKAMAS, OR 97015 |
| LILLY MILLER BRANDS 15750 N LOMBARD ST, STE 200 PORTLAND, OR 97203 | LILLY MILLER BRANDS 1340 TREAT BLVD, STE 650 WALNUT CREEK, CA 94597 | LILLY MILLER BRANDS (ATL) 2030 POWERS FERRY RD SUITE 370 ATLANTA, GA 30339 |

TABLE 3 (Continued)

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| LOUISVILLE & JEFFERSON COUNTY MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211 | LOUISVILLE & JEFFERSON CTY MSD P.O. BOX 740011 LOUISVILLE, KY 40201 | LOVELAND PRODUCTS, INC. P.O. BOX 1286 GREELEY, CO 80632 |
| MACON TROUSDALE FARMERS 905 SCOTTSVILLE RD. LAFAYETTE, TN 37083 | MAJESTIC EARTH POB 790 AGAWAM, MA 01001 | MARS FISHCARE NORTH AMERICA INC PO BOX 218 CHALFONT, PA 18914 |
| MARS PLANTCARE 20425 SENECA MEADOWS PARKWAY GERMANTOWN, MD 20876 | MARSHALL COUNTY SOIL P.O. BOX 230 501 POPLAR BENTON, KY 42025 | MARTIN MARIETTA 8140 CORPORATE DR SUITE 220 BALTIMORE, MD 21236 |
| MARTIN MARIETTA 1800 E. LAKE ROAD MANISTEE, MI 49660 | MARTIN OPERATING PARTNERSHIP LP POB 191 KILGORE, TX 75663-0191 | MARTIN RESOURCES (IL) 580 E SHIPYARD RD POB 1110 SENECA, IL 61360 |
| MASTER NURSERY 2151 SALVIO ST SUITE 255 CONCORD, CA 94520 | MASTERBLEND INTERNATIONAL LLC 4673 WEITZ RD MORRIS, IL 60450 | MATHIS FARM SUPP. 5799 SHAW RD. MELBER, KY 42069 |
| MAUGET, J.J. CO., INC. 5435 PECK RD. ARCADIA, CA 91006-5847 | MAYFIELD FERTILIZER & SEED LLC 521 S 16TH STREET MAYFIELD, KY 42066 | MAYFIELD GRAIN CO. 313 N 9TH ST. MAYFIELD, KY 42066 |
| MAYFIELD GRAIN HWY 94 2559 STATE RT 94W WINGO, KY 42088 | MAYSLICK MILL 6538 US 68 MAYSLICK, KY 41055 | MAYVILLE LIMESTONE INC POB 25 MAYVILLE, WI 53050 |
| MEARS FERTILIZER INC POB 1271 EL DORADO, KS 67042 | MEIJER (GRAND) 2929 WALKER NW GRAND RAPIDS, MI 49544 | MFS ALLIANCE INC P.O. BOX 179 EDMONTON, KY 42129 |
| MGS HORTICULTURAL 50 HAZELTON LEAMINGTON, ON N8H 3W1 | MICHIGAN BULB CO. AND AFFILIATES 110 W ELM STREET TIPP CITY, OH 45371-1655 | MICHIGAN PEAT CO. P.O. BOX 980129 HOUSTON, TX 77098-0129 |
| MID STATES AG SALES LLC POB 3003 LAVERGNE, TN 37086-1983 | MIDWEST AGRI-CHEMICO INC. P.O. BOX 1717 4868 NASH CAPE GIRARDEAU, MO 63702 | MILES OWENSBORO P.O. BOX 22879 OWENSBORO, KY 42301 |
| MILES SHELBYVILLE P.O. BOX 488 SHELBYVILLE, KY 40066 | MILLER CHEMICAL & FERT. P.O. BOX 333 RADIO ROAD HANOVER, PA 17331 | MILWAUKEE METRO SEWERAGE DISTRICT P.O. BOX 3049 MILWAUKEE, WI 53201-3049 |
| MINERAL PROCESSING 1855 CH 99 CAREY, OH 43316-3049 | MIRACLE GRO LAWN PRODUCTS 14111 SCOTTSLAWN ROAD MARYSVILLE, OH 43041 | MISSISSIPPI PHOSPHATES CORP P.O. BOX 848 PASCAGOULA, MS 39568-0848 |
| MISSISSIPPI VALLEY AG 5217 GUTHRIE HWY CLARKSVILLE, TN 37040 | MITCHELL PRODUCTS 1205 W MAIN ST MILLVILLE, NJ 08332 | MOLLY HICKMAN 20920 N W KACHINA AVE REDMON, OR 97756 |
| MONTEREY AGRESOURCES POB 35000 FRESNO, CA 93745 | MONTGOMERY CO-OP STATELINE 6002 5149 GUTHRIE HWY CLARKSVILLE, TN 37040-5426 | MONTY'S PLANT FOOD 4800 STRAWBERRY LN LOUISVILLE, KY 40209 |
| MORRAL CO. 132 POSTLE ST. P O BOX 26 MORRAL, OH 43337 | MOSAIC CROP NUTRITION LLC (ADMIN) 13830 CIRCA CROSSING DR LITHIA, FL 33547 | MOSAIC CROP NUTRITION, LLC 8813 HWY 41 S RIVERVIEW, FL 33569 |

TABLE 3 (Continued)

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| MPT MUSTARD PRODUCTS & TECHNOLOGIES 101-111 RESEARCH DR SASKATOON, SK S7N 3R2 | NACHURS ALPINE SOLUTIONS 421 LEADER ST. MARION, OH 43302-9989 | NATURAL TECHNOLOGIES 15 DARTMOUTH DR SUITE 101 AUBURN, NH 03032 |
| NCA BIOTECH 4802 MURRIETA ST CHINO, CA 91710 | NEW EEZY GRO INC 218 TOLEDO ST CAREY, OH 43316 | NEW PLANT LIFE 345 E. HUPP ROAD LA PORTE, IN 46350 |
| NORTH COUNTRY ORGANICS PO BOX 372 BRADFORD, VT 05033 | NORTHWEST AGRICULTURAL PRODUCTS INC POB 3453 PASCO, WA 99302 | NOVOZYMES BIOLOGICALS, INC 5400 CORPORATE CIRCLE SALEM, VA 24153 |
| NSA LLC 140 CRESCENT DR COLLIERVILLE, TN 38017 | NUTRA-FLO CO 1919 GRAND AVE. SIOUX CITY, IA 51107 | NUTRECOLOGY, INC 19500 HWY 249, SUITE 245 HOUSTON, TX 77070 |
| NUTRIENTS PLUS LLC 1209 EGRET PT VIRGINIA BEACH, VA 23454 | NUTRIFIELD PTY LTD POB 2103 PRESTON VICTORIA, AU 3072 | OAKLEY (LITTLE ROCK) 3700 LINCOLN AVE NORTH LITTLE ROCK, AR 72114 |
| OAKLEY FERTILIZER INC POB 935 312 S. FIR STREET BEEBE, AR 72012 | OBION GRAIN COMPANY INC BOX 119 OBION, TN 38240 | OCEAN CREST SEAFOODS, INC. 88 COMMERCIAL ST. GLOUCESTER, MA 01930 |
| OCEAN GROWN INC 7453 UNIT C COMMERCIAL CIRCLE FT PIERCE, FL 34951 | OCEAN ORGANICS POB 1448 WALDOBORO, ME 04572 | OCEAN ORGANICS (ADMIN) 2153 NEWPORT RD ANN ARBOR, MI 48103 |
| OHP INC POB 230 MAINLAND, PA 19451 | OLDCASTLE (SAUGET) 1 RIVERVIEW AVENUE SAUGET, IL 62201 | OLDCASTLE LAWN & GARDEN PO BOX 468567 ATLANTA, GA 31146 |
| OLDCASTLE LAWN & GARDEN 500 S FLORIDA AVE., SUITE 240 LAKELAND, FL 33801 | OLDCASTLE RETAIL (ATLANTA) 375 NORTHRIDGE RD., SUITE 250 ATLANTA, GA 30350 | OLDFIELD, J.A. & SON US HWY 460 WEST MIZE, KY 41352 |
| ORGANIC LABORATORIES INC 2963 SE DOMINICA TERRACE STUART, FL 34997 | ORGANIC NUTRIENT SOLUTIONS 851 238TH STREET MILFORD, NE 68405 | OSTARA NUTRIENTS USA INC 690-1199 WEST PENDER ST VANCOUVER, BC V6E 2R1 |
| OVERTON FARMERS CO-OP 1500 WEST MAIN ST LIVINGSTON, TN 38570 | OXBOW FERTILIZER LLC 1450 LAKE ROBBINS DR., SUITE 5 THE WOODLANDS, TX 77380-3252 | PADUCAH-MCCRACKEN RVRPORT AUTHORITY 125 LOCUST DR. PO BOX 2302 PADUCAH, KY 42002 |
| PARRISH SHOP/SALES 8834 LARUE RD. HENDERSON, KY 42420 | PBI GORDON CORP 1217 W 12TH ST PO BOX 014090 KANSAS CITY, MO 64101 | PCS SALES (USA), INC. 1101 SKOKIE BLVD SUITE 400 NORTHBROOK, IL 60062 |
| PENNINGTON SEED INC P.O. BOX 338 HWY 160 GREENFIELD, MO 65661 | PENNINGTON SEED INC. P.O. BOX 290 MADISON, GA 30650 | PENNYRILE AG OIL INC. 2260 PRINCETON RD. HOPKINSVILLE, KY 42240 |
| PERDUE AGRI RECYCLE 28338 ENVIOR WAY SEAFORD, DE 19973 | PHASE II INC POB 185 15750 S 680 W REMINGTON, IN 47944 | PHELPS DODGE CORPORATION ONE NORTH CENTRAL AVE. PHOENIX, AZ 85004 |
| PHOSYN PLC MANOR PLACE, WELLINGTON RD THE INDUSTRIAL ESTATE, POCK. YORK, UK YO42 IDN | PINNACLE ORGANIC PRO PLANT FOOD 401 N WALNUT ST SHERMAN, TX 75091 | PIONEER SOUTHERN P O BOX 266 LANCASTER, NY 14086 |

TABLE 3 (Continued)

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| PLANT HEALTH CARE INC 285 KAPPA DRIVE, SUITE 100 PITTSBURGH, PA 15238 | PLANT PRODUCTS CO, LTD 314 ORENDA RD. BRAMPTON, ON L6T 1G1 | PLANT RESEARCH SERVICES LLP 2255 141ST LANE NE NO TONNGE REPORTS DUE HAM LAKE, MN 55304 |
| PLANT SCIENCE INC 2934 VANDORF SIDE ROAD GORMLEY, ON L0H 1G0 | PLANTABBS PRODUCTS P.O. BOX 165 HUNT VALLEY, MD 21030 | PLEASANT VIEW FARMS 446 SOUTH UNION ROAD AUBURN, KY 42206 |
| PMI INTERNATIONAL LLC POB 19798 BRENTWOOD, MO 63144 | PMI NUTRITION INTERNATIONAL (ADM) POB 64281 ST. PAUL, MN 55164-0281 | POLSON FARM SUPPLY 8202 SULPHUR WELL- KNOBLICK RD. KNOBLICK, KY 42154 |
| PQ CORP. P.O. BOX 840 VALLEY FORGE, PA 19482 | PRATHER WORM CASTINGS 582 GOODLET ROAD SALVISA, KY 40372 | PRECISION LABORATORIES 1429 S SHIELDS DR WAUKEGAN, IL 60085 |
| PREMIER HORTICULTURE, INC. 127 S 5TH ST., STE. 300 QUAKERTOWN, PA 18951 | PREMIER TECH BIOTECHNOLOGIES 1 AVENUE PREMIER REVIERE-DU-LOUP, QC G5R 6C1 | PREMIUM WOOD AND GARDEN PRODUCTS 345 E MAIN STREET STE. H JACKSON, OH 45640 |
| PRESTIGE MARKETING LTD 815 BROWN ROAD ORION, MI 48359 | PRINZO, J.C. CONSULTING 65 WINTERBERRY DR. WOMELSDORF, PA 19567-7015 | PRO PRODUCTS LLC 7201 ENGLE RD FORT WAYNE, IN 46804 |
| PRO SOL P.O. BOX 1589 OZARK, AL 36361 | PRO SOLUTIONS (CROFT) 222 E PRINCETON ST CROFTON, KY 42217 | PRO SOLUTIONS (SPRING) 5018 HWY 41 N SPRINGFIELD, TN 37172 |
| PROGRESSIVE TURF LLC 401 N WALNUT ST SHERMAN, TX 75090 | PROVEN WINNERS NORTH AMERICA LLC 45 NORTH FIRST ST, SUITE B CAMPBELL, CA 95008 | PRYOR CHEMICAL COMPANY 4463 HUNT ST PRYOR, OK 74361 |
| PRYOR CHEMICAL COMPANY (ADMIN) 1309 RIDGE RD, SUITE 315 ROCKWELL, TX 75087 | QUALITY BORATE COMPANY 3690 ORANGE PLACE STE 495 CLEVELAND, OH 44122 | R3 AG CONSULTING LLC 1629 POLLASKY #111 CLOVIS, CA 93612 |
| RAGAN & MASSEY INC 101 PONCHATOU LA PARKWAY PONCHATOU LA, LA 70454 | RAINBOW TREECARE 2239 EDGEWOOD AVENUE MINNEAPOLIS, MN 55426 | RAINTREE SVC OF W KY P.O. BOX 51634 BOWLING GREEN, KY 42102 |
| RAINTREE SVC OF W KY DBA CHEMLAWN 633 N. 6TH ST. PADUCAH, KY 42001 | REDOX CHEMICALS LLC 130 S 100 W BURLEY, ID 83318 | REFORESTATION TECHNOLOGIES 1341 DAYTIN ST UNIT G SALINAS, CA 93901 |
| REGAL CHEMICAL CO. 600 BRANCH DR. ALPHARETTA, GA 30009 | REGENERATED RESOURCES LLC PO BOX 561 PARIS, AR 01701 | REGISTRATIONS BY DESIGN POB 1019 SALEM, VA 24153 |
| RESIDEX, LLC 46495 HUMBOLDT DR NOVI, MI 48377-2446 | RESTORA-LIFE MINERALS INC 2140 SCR 97 BAY SPRINGS, MS 39422 | RHINO SEED & TURF SUPPLY POB 86 1093 129TH AVENUE BRADLEY, MI 49311 |
| RICHLAWN TURF FOOD LLC 15121 COUNTY RD 32 PLATTEVILLE, CO 80651 | RIO TINTO MINERALS 8051 E MAPLEWOOD AVE. GREENWOOD VILLAGE, CO 80111 | RIPS FARM CENTER PO BOX 176 TOLLESBORO, KY 41189 |
| RIVER AG OF ILLINOIS INC. P.O. BOX 629 METROPOLIS, IL 62960 | RIVER BEND AG LLC P.O. BOX 126 NEW MADRID, MO 63869 | ROBERT WARREN 2301 LAKE TAHOE BLVD SUITE 4 SOUTH LAKE TAHOE, CA 96150 |

TABLE 3 (Continued)

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| ROCK HOLDINGS SA PTY LTD CNR BRIAN AND LYNDASAY RD LONSDALE, SOUTH, AU 5095 | ROCKY MOUNTAIN BIO PRODUCTS 10801 E 54TH AVE DIV OF BOWMAN CONST DENVER, CO 80239 | ROD MC LELLAN COMPANY (MARYSVILLE) 14111 SCOTTS LAWN RD MARYSVILLE, OH 40341 |
| ROD MCLELLAN COMPANY POB 70 INDEPENDENCE, OR 97351 | ROGERS FERTILIZER & SERVICES 836 W MAIN ST. LEBANON, KY 40033 | ROLF C HAGEN (USA) CORP 305 FORBES BLVD MANSFIELD, MA 02048 |
| ROOTBLAST INTERNATIONAL INC P.O. BOX 20109 CANTON, OH 44707 | ROSEN'S INC 1120 LAKE AVE POB 933 FAIRMONT, MN 56031-0933 | ROSEN'S INC (ADMIN) 700 SW 291 HWY SUITE 204 LIBERTY, MO 64068 |
| S. J. ENTERPRISES 2/94 BROWN TCE SALISBURY (AUSTRALI, SA 5108 | SANCO INDUSTRIES INC POB 11617 FT WAYNE, IN 46859 | SANDERS (RUSSELLVILLE) 95 UTILITY DRIVE RUSSELLVILLE, KY 42276 |
| SCHAFFER FISHERIES INC 2112 SANDRIDGE RD THOMSON, IL 61285 | SCHULTZ CO. 13260 CORP. EXCHANGE DR. PO BOX 4406 BRIDGETON, MO 63044 | SCOTTS MIRACLE-GRO PRODUCTS, INC 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041 |
| SCOTTS SIERRA 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041 | SEA MINERALS FA 17094 MARTIN PEDRO RD SILOAM SPRINGS, AR 72761 | SEACHEM LABORATORIES 1000 SEACHEM DR. MADISON, GA 30650 |
| SECURITY SEED & CHEMICAL INC (CLN) 4217 ST RT 703 E CLINTON, KY 42031 | SECURITY SEED & CHEMICAL INC (CLA) 5217 GUTHRIE HWY CLARKSVILLE, TN 37040 | SECURITY SEED & CHEMICAL INC (ELIZ) 505 ASSEMBLY LANE, SUITE 126 ELIZABETHTOWN, KY 42701 |
| SECURITY SEED & CHEMICAL INC (HOP) 3530 EAGLE WAY BYPASS HOPKINSVILLE, KY 42240 | SECURITY SEED & CHEMICAL INC (MOR) 3856 US HWY 60 E MORGANFIELD, KY 42437 | SECURITY SEED & CHEMICAL INC (MUR) 795 BUTTERWORTH ROAD MURRAY, KY 42071 |
| SECURITY SEED & CHEMICAL INC (RUSS) 3256 CLARKSVILLE RD RUSSELLVILLE, KY 42276 | SECURITY SEED & CHEMICAL INC (SAL) 831 ROLA RD SALEM, KY 42078 | SECURITY SEED & CHEMICAL INC (SLA) 3110 JEWELL CITY RD SLAUGHTERS, KY 42456 |
| SEVENTY FEEDS LLC 1647 E HWY 70 EUBANK, KY 42567 | SHELL BEACH INC 842 FISHER RD MANY, LA 71449 | SHELLEY, W.H. 3352 COLFAX ROAD HILLSBORO, KY 41049 |
| SO-IL SERVICES INC 91 S ADAMS ST CARTHAGE, IL 62321 | SOLUTIONS 4 EARTH (TONNAGE) 911 AMERICAN PACIFIC DR #140 HENDERSON, NV 89014 | SOLUTIONS 4 EARTH LLC POB 12336 FALLON, NV 89047 |
| SOUTH CENTRAL FARM SUPPLY, INC. 701 E. MAIN ST. GAMALIEL, KY 42140 | SOUTHEASTERN POND MGT 2469 HIGHWAY 31 CALERA, AL 35040 | SOUTHERN AGRICULTURAL INSECTICIDES PO BOX 218 PALMETTO, FL 34220 |
| SOUTHERN FS, INC PO BOX 728 MARION, IL 62959 | SOUTHWEST LANDMARK INC 818 S US RT 42 LEBANON, OH 40539 | SPECTRUM GROUP POB 142642 ST. LOUIS, MO 63114-0642 |
| SPEED AG SERVICE 345 ST. RT. 166W HICKMAN, KY 42050 | SPEEDLING P.O. BOX 307 BUSHNELL, FL 33513 | SPRA-GREEN LAWN FERTILIZER LLC POB 845 PORTALES, NM 88130 |
| SQM NORTH AMERICA 4101 TOWERCREEK PKWY. STE. 450 ATLANTA, GA 30339 | SS (BOWL) BOWLING GREEN COOP 640 PLUM SPRINGS LOOP BOWLING GREEN, KY 42101 | SS (BRIS) COOP INC. 136 ALEXIS DR. BRISTOL, VA 24201 |

TABLE 3 (Continued)

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| SS (CADI) CADIZ BR 2829 HOPKINSVILLE RD. CADIZ, KY 42211 | SS (CALH) CALHOUN -OWENSBORO 1432 KY 136-E CALHOUN, KY 42327 | SS (CAMP) CAMPBELLSVILLE 1720 E. BROADWAY CAMPBELLSVILLE, KY 42718 |
| SS (CARL) OWINGS SVC-CARLISLE BR 102 DORSEY AVE. CARLISLE, KY 40311 | SS (CLAY) 205 E. RAILROAD ST. PO BOX 175 CLAY, KY 42404 | SS (COLU) GREEN RVR SVC ADAIR 210 MERCHANT ST. COLUMBIA, KY 42728 |
| SS (CYN) LEXINGTON COOP-CYN BRANCH 122 RAILROAD AVENUE PO BOX 337 CYNTHIANA, KY 41031 | SS (ELIZ) HARDIN COOP, INC 402 S. MULBERRY ST. ELIZABETHTOWN, KY 42701 | SS (ELKT) RUSS.-TODD BRANCH P.O. BOX 278 606 W MAIN STREET ELKTON, KY 42220 |
| SS (EMIN) INC KNTCKANA SVC-HENRY BR 760 ELM ST. EMINENCE, KY 40019-9801 | SS (FLEM) FLEMINGSBURG 658 WEST WATER PO BOX 167 FLEMINGSBURG, KY 41041 | SS (FRAN) SIMPSON COOP 301 FINN ST. PO BOX 528 FRANKLIN, KY 42134 |
| SS (GEOR) GEORGETOWN COOP 1141 PARIS RD. GEORGETOWN, KY 40324 | SS (GLAS) GLASGOW COOP 300 SAMSON ST. GLASGOW, KY 42141 | SS (GREE) GREENVILLE KY SVC 212 W. DEPOT ST. GREENVILLE, KY 42345 |
| SS (HARR) CNTRL KY SVC 1027 N. COLLEGE HARRODSBURG, KY 40330 | SS (HEND) HENDERSON COOP 5290 HWY 425 BYPASS HENDERSON, KY 42420 | SS (HODG) HARDIN COOP HODG BR SVC 310 W. WATER ST. HODGENVILLE, KY 42748 |
| SS (HOPK) HOPKINSVILLE COOP 501 E. 13TH ST. HOPKINSVILLE, KY 42240 | SS (HORS) HORSE CAVE COOP 1104 S. DIXIE ST. HORSE CAVE, KY 42749 | SS (LAGR) KY SVC BR-LAGRANGE BR 112 S. FIRST ST. LAGRANGE, KY 40031 |
| SS (LEBA) LEBANON SVC 1752 BARDSTOWN RD SPRINGFIELD, KY 40069 | SS (LEIT) LEITCHFIELD COOP 118 W. WHITE OAK ST. PO BOX 383 LEITCHFIELD, KY 42754 | SS (LIBE) LIBERTY SVC HC 65, BOX 155 225 S WALLACE WILKINSON BLVD LIBERTY, KY 42539 |
| SS (LOND) LONDON COOP 1208 BARBOURVILLE STREET LONDON, KY 40741 | SS (MAYS) FLEMINGSBURG COOP- MAYSVIL 1325 CLYDE BARBOUR HWY PO BOX 668 MAYSVILLE, KY 41056-0668 | SS (MORG) MORGANFIELD COOP 2746 US HWY 60 W MORGANFIELD, KY 42437 |
| SS (NICH) NICHOLASVILLE SVC 701 NICHOLASVILLE BYPASS NICHOLASVILLE, KY 40356 | SS (OWEN) COOP OWENSBORO 3231 CARTER ROAD OWENSBORO, KY 42301 | SS (OWENT) OWENTON COOP, INC 355 N. MAIN ST. OWENTON, KY 40359 |
| SS (OWIN) OWINGSVILLE SVC P.O. BOX 557 409 BROOKS AVENUE OWINGSVILLE, KY 40360 | SS (RICH) COOP INC FERT DIV P.O. BOX 26234 6606 W. BROAD STREET RICHMOND, VA 23260 | SS (RICH) INC CROPS FARM P.O. BOX 26234 6606 W. BROAD ST. RICHMOND, VA 23260 |
| SS (RICH) RICHMOND SVC 1607 E MAIN ST. P.O. BOX 916 RICHMOND, KY 40475 | SS (RUSS) COOP, INC. P.O. BOX 600 US 68E, BOWLING GREEN ROAD RUSSELLVILLE, KY 42276 | SS (RUSS) RUSSELLVILLE COOP 209 N. BETHEL ST. PO BOX 480 RUSSELLVILLE, KY 42276 |
| SS (SHEL) SHELBYVILLE COOP 623 S. 7TH ST. PO BOX 39 SHELBYVILLE, KY 40065 | SS (SOME) SOMERSET COOP 271 HWY 2227 SOMERSET, KY 42503 | SS (SPRI) LEBANON-SPRINGFIELD BR 1752 BARDSTOWN RD. SPRINGFIELD, KY 40069 |
| SS (STAN) STANFORD SVC 175 CORDIER LN STANFORD, KY 40484 | SS (WARS) GALLATIN SVC PO BOX 408 WARSAW, KY 41095 | SS (WINC) CLARK COOP 21 PENDLETON ST. WINCHESTER, KY 40391 |
| SS (WINC) COOP, INC. P.O. BOX 516 MAGNOLIA ROAD WINCHESTER, KY 40391 | SS COOP (CORDELE) 408 N 15TH STREET CORDELE, GA 31015 | SS SEBREE BRANCH- OWENSBORO 1112 HWY 41 N SEBREE, KY 42455 |

TABLE 3 (Continued)

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| STANLEY CROP SERVICE LLC 250 CHURCH ST OWENSBORO, KY 42301 | STARK BROS NURSERIES & ORCHARDS CO. 20947 HWY 54 LOUISIANA, MO 63353 | STEPHEN FOLLETT CO, INC 4697 COUNTY RD. I STURGEON BAY, WI 54235 |
| STOLLER ENTERPRISES, INC 4001 W. SAM HOUSTON PKWY N STE. 100 HOUSTON, TX 77043 | SULVARIS INC 6443 2 ST SE CALGARY, AB T2H 1J5 | SUMMERS ORGANIZATION LLC 345 E MAIN STREET, STE H JACKSON, OH 45640 |
| SUN BULB COMPANY, INC. P.O. DRAWER 698 ARCADIA, FL 34265 | SUN GRO HORTICULTURE DISTRIBUTING 15831 NE 8TH STREET SUITE 100 BELLVUE, WA 98008 | SUNLEAVES GARDEN PRODUCTS 7854 NORTH STATE RD 37 BLOOMINGTON, IN 47404 |
| SUNSHINE PAPER COMPANY 12601 E. 33RD AVE #109 AURORA, CO 80011 | SUNTERRA ONE SPRINKLER LANE PEORIA, IL 61615 | SUPERIOR AG RESOURCES POB 7 CHRISNEY, IN 47611 |
| SUPERIOR AG RESOURCES (ADMIN) POB 420 HUNTINGBURG, IN 47542 | SUPREME TURF PRODUCTS INC 5 CASSENS CT FENTON, MO 63026 | SUSTANE/NATURAL FERTILIZER P.O.BOX 19 310 HOLIDAY AVE CANNON FALLS, MN 55009 |
| SWISS FARMS PRODUCTS, INC. 3993 HOWARD HUGHES PKWY. STE. 250-N LAS VEGAS, NV 89169 | SYLVITE SOUTHEAST 1609 W. OLIVE LAKELAND, FL 33815 | T AND N, INC P O BOX 240 815 HWY T FORISTELL, MO 63348 |
| T-NOU NV SCHARLOOWEG 25 WILLEMSTAD CURACAO THE DUTCH AN, | TECHNAFLORA PLANT PRODUCTS LTD 7261 RIVER PLACE UNIT 101 MISSION, BC V4S 0A2 | TECHNOLOGY SCIENCES GROUP INC 712 FIFTH STREET, SUITE A DAVIS, CA 95616 |
| TECHPAC LLC POB 24830 LEXINGTON, KY 40524 | TENNESSEE FARMERS COOP 200 WALDRON RD. PO BOX 3003 LAVERGNE, TN 37086 | TERRA NITROGEN CORP. PO BOX 6000 SIOUX CITY, IA 51102 |
| TERRAL RIVER SERVICE INC 10100 HIGHWAY 65 SOUTH LAKE PROVIDENCE, LA 71254 | TESSENDERLO KERLEY 2255 N. 44TH ST. STE. 300 PHOENIX, AZ 85008 | TETRA HOLDING (US) INC 3001 COMMERCE ST. BLACKSBURG, VA 24060 |
| TETRA MICRONUTRIENTS 230 SPRING HILL DR, STE. 310 THE WOODLANDS, TX 77386 | TETRA TECHNOLOGIES INC 24955 INTERSTATE 45 NORTH THE WOODLANDS, TX 77380 | THE ANDERSONS 2345 SOUTH 400 EAST LOGANSPOUT, IN 46947 |
| THE ANDERSONS INC POB 119 MAUMEE, OH 43537 | THE ANDERSONS INC (GALVESTON) 8086 E 900 S GALVESTON, IN 46932 | THE ANDERSONS LAWN FERT DIV P.O. BOX 119 MAUMEE, OH 43537 |
| THE DOGGETT CORP. 30 CHERRY ST. LEBANON, NJ 08833 | THE GARDEN PATCH POB 550 ST PETERSBURG, FL 33731 | THE MASTER GARDENER 5770 BLACKSTOCK RD SPARTANBURG, SC 29303 |
| THE ORTHO GROUP P.O. BOX 190 MARYSVILLE, OH 43041 | THE SANCTUARY P.O. BOX 656 WINTER PARK, CO 80482 | THE SCOTTS CO. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041 |
| THOMAS CAYCE FARM SUPPY, LLC 3069 HWY. 1272 PRINCETON, KY 42445 | TIGER-SUL PRODUCTS, LLC P.O. BOX 5 ATMORE, AL 36504 | TK GROUP, INC. 305 ASH GROVE LN OSWEGO, IL 60543 |
| TOTAL TURF CONSULTING LLC 26 A.A. COOPER RD. MEIGS, GA 31765 | TOWER GARDEN LLC 140 CRESCENT DR COLLIERVILLE, TN 38017 | TRANSAMMONIA INC 4211 W. BOYSCOUT BLVD TAMPA, FL 33607 |

TABLE 3 (Continued)

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| TRANSLOC TECHNOLOGIES PTY LTD 8 SYMONDS STREET ROYAL PARK, SOUTCH A, AU 5014 | TRI COUNTY FERT. 124 S. ESTILL AVE. RICHMOND, KY 40475-2014 | TRI-COUNTY FERTILIZER P.O. BOX 147 HONEA PATH, SC 29654 |
| TRIMBLE CO FARM 11300 HWY. 421-N MILTON, KY 40045 | TRIPLE G FERTILIZER 4422 US 51 SOUTH ARLINGTON, KY 42021 | TRUGREEN 461 ENTERPRISE DR LEWIS, OH 43035 |
| TRUGREEN (FLOR) P.O. BOX 488 FLORENCE, KY 41022-0488 | TRUGREEN (EVAN) P.O. BOX 5679 EVANSVILLE, IN 47716-5679 | TRUGREEN (LEX) 575 HORTON CT. 2264 DANFORTH DRIVE LEXINGTON, KY 40511 |
| TRUGREEN (LOUIS) 13135 MIDDLETOWN IND., BLVD. LOUISVILLE, KY 40223 | TRUGREEN (SCOTT) 109 ERSKIN LN. PO BOX 396 SCOTT DEPOT, WV 25560 | TRUPOINTE COOPERATIVE INC 5867 COUNTRYMARK RD GEORGETOWN, OH 45121 |
| TRUPOINTE COOPERATIVE INC 818 S US RT 42 LEBANON, OH 45036-0117 | TRUPOINTE COOPERATIVE INC P.O. BOX 512 WILMINGTON, OH 45177 | TURF CARE SUPPLY CORP. 50 PEARL RD. UNIT 200 BRUNSWICK, OH 44212 |
| TURF VENTURES 1450 BERNARD DR ANDERSON, IL 60101 | TURFGRASS, INC. 46495 HUMBOLT DR NOVI, MI 48377-2446 | TWO RIVERS, INC 7158 STREET ROUTE 70E DRAKESBORO, KY 42337 |
| TWO WAY TRADING COMPANY INC POB 8362 DOTHAN, AL 36304 | U.S. BORAX INC. 14486 BORAX RD BORON, CA 93516 | U.S. GYPSUM CO. DEPT. 174-0, 550 W. ADAMS CHICAGO, IL 60661-3676 |
| UF GRANULAR FERTILIZERS 132 POSTAL RD MORRAL, OH 43337 | UNCO INDUSTRIES INC. 7802 OLD SPRING RACINE, WI 53406 | UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114 |
| UNITED SUPPLIERS P.O. BOX 538 ELDORA, IA 50627 | UNITED TURF ALLIANCE LLC 819 HOLLY RIDGE CANTON, GA 30115 | UNITED TURF ALLIANCE LLC (ADMIN) 12840 FORD DRIVE FISHERS, IN 46083 |
| UNIVERSAL COOP INC. 1300 CORPORATE CENTER CURVE EAGAN, MN 55121-1233 | VALAGRO 19500 HWY 249 SUITE 245 HOUSTON, TX 77070 | VALLEY FARM CTR INC. 1226 N. MAIN ST. MONTICELLO, KY 42633 |
| VALLEY FERTILIZER SVC. P.O. BOX 180 EDMONTON, KY 42129 | VARIOUS REPORTING COMPANIES 103 REGULATORY SERVICES BLDG LEXINGTON, KY 40546 | VERDANT BRANDS, INC. 9100 W BLOOMINGTON FWY STE 113 BLOOMINGTON, MN 55431-2263 |
| VOGEL SEED & FERTILIZER COMPANY INC 1891 SPRING VALLEY RD JACKSON, WI 53037 | VOLUNTARY PURCHASING 230 FM 87 BONHAM, TX 75418 | W. WAYNE SURLES 6009 BRITLYN CT GLENN ALLEN, VA 23060 |
| WABASH VALLEY SERVICE COMPANY POB 46 RIDGWAY, IL 62979-0046 | WAGNER REGULATORY ASSOCIATES POB 640 HOCKESSIN, DE 19707 | WAGNER SEED & FERTILIZER 10677 OLD BOONEVILLE HW CHANDLER, IN 47610 |
| WARNER FERT CO. (ALBA) RT 4, BOX 165 ALBANY, KY 42602 | WARNER FERT CO. (CAMP) P.O. BOX 87 CAMPBELLSVILLE, KY 42718 | WARNER FERT CO. (COLU) P.O. BOX 274 COLUMBIA, KY 42728 |
| WARNER FERT CO. (EAST) P.O. BOX 188 EAST BERNSTADT, KY 40729 | WARNER FERT CO. (LIBE) P.O. BOX 1100 LIBERTY, KY 42539 | WARNER FERT CO. (MONT) P.O. BOX 117 MONTICELLO, KY 42633 |

TABLE 3 (Continued)

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| WARNER FERT CO. (NAN) P.O. BOX 108 NANCY, KY 42544 | WARNER FERT CO. (RUSS) P.O. BOX 30 RUSSELL SPRINGS, KY 42642 | WARNER FERT CO. (SOM) P.O. BOX 796 SOMERSET, KY 42502 |
| WARNER FERT CO. (STANF) P.O. BOX 441 STANFORD, KY 40484 | WARNER FERT CO. (TOMPK) P.O. BOX 215 ARMORY ROAD TOMPKINSVILLE, KY 42167 | WATERWAY AG INC. P.O. BOX 629 METROPOLIS, IL 62960 |
| WAYNESBURG AG 457 JAKE FAW RD WAYNESBURG, KY 40489 | WILLIAMS FARMS FERTILIZER 424 WILLIAMS LN LACENTER, KY 42056 | WINFIELD SOLUTIONS LLC PO BOX 64589 ST. PAUL, MN 55164 |
| WINSTON COMPANY 7704 E 38TH STREET TULSA, OK 74145 | WINSTON WEAVER CO, INC P.O. BOX 17366 WINSTON-SALEM, NC 27116-7366 | WOLF TRAX 800 - ONE RESEARCH RD. WINNIPEG, MB R3T 6E3 |
| WOODFORD FEED CO. P.O. BOX 116 498 LEXINGTON ROAD VERSAILLES, KY 40383 | WOODSTREAM CORP 69 NORTH LOCUS ST LITITZ, PA 17543 | WORLD GROW INTERNATIONAL POB 406 DAYTON, NJ 08810 |
| WORM POWER JENKS RD AVON, NY 14414 | WORM POWER (ADMIN) 5709 BARBER HILL RD GENESEO, NY 14454 | WP RANCH 3408 WADESBORO RD BENTON, KY 42025 |
| X-CALIBUR PLANT HEALTH (ADMIN) POB 1474 KULPSVILLE, PA 19443 | X-SEED, INC. 14585 31ST STREET CLEAR LAKE, MN 55319 | YARA NORTH AMERICA 100 N. TAMPA ST, STE 3200 TAMPA, FL 33602 |
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