

REGULATORY BULLETIN No. 300

ANNUAL REPORT ANALYSES OF OFFICIAL FERTILIZER SAMPLES

JULY 2005 – JUNE 2006



UNIVERSITY OF KENTUCKY
COLLEGE OF AGRICULTURE

**AGRICULTURAL EXPERIMENT STATION
DIVISION OF REGULATORY SERVICES
LEXINGTON, KENTUCKY 40546-0275**

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

William O. Thom, Interim Director

Eli Miller, Director**

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

Henry Spencer, Auditor

INSPECTION STAFF

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Coordinator, Field Inspection Staff

Mark Barrow
Tracy Burdon*
David Mason

Dewey Coffey
Brad Johnston
Warren Pinkston
Jesse Whitehouse

John W. Flood
Noel Johnston
Terry Prather

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Coordinator, Chemical Laboratories

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Kristin Brock*
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Debra Sipe
Paul Wilson
David Tompkins
Lancao Zhang

ADMINISTRATIVE STAFF

Tony Benge, Computer Systems Manager III
Kelley Gaither, Senior Systems Analyst Programmer
Julia Ellis*, Data Coordinator
Jennifer Edwards, Staff Assistant

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

* Resigned

** Retired

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INTRODUCTION

This bulletin presents the results of the analysis of 3,280 official samples of commercial fertilizer taken during the period of July 1, 2005 through June 30, 2006 by the field inspection staff. The samples represented approximately 61,253 tons of fertilizer out of the approximately 847,497 tons sold during this period. The Laboratory made 2,882 nitrogen, 2,612 phosphorus, 2,668 potassium and 1,576 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 for the period: July 1, 2005 – June 30, 2006.

EXPLANATION OF TABLES

Table 1.

Sample Data—

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TYPE: The codes for type are:

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

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

MAT - A fertilizer material such as muriate of potash.

CM - A custom-mixed blended fertilizer.

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

Statistical Analyses --

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

Tables 2 and 3 - Self Explanatory

INVESTIGATIONAL ALLOWANCES

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

Primary Nutrients

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

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

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

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

Secondary and Micro Nutrients

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

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

The investigational allowance for relative value (RV) is three (3) percentage points. The investigational allowance for maximum chlorine is 0.5 percentage point.

MONETARY PENALTIES

Penalties for deficiencies in Total Nitrogen (N), Available Phosphate (P₂O₅), soluble potash (K₂O), and index value shall be calculated from the following schedule.

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

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

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

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

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

DEFICIENCIES IN SECONDARY AND MINOR ELEMENTS

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

EXCESS CHLORINE IN TOBACCO FERTILIZERS

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

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

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

MAXIMUM CHLORINE GUARANTEE FOR TOBACCO FERTILIZERS

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

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

The maximum chlorine guarantee shall be:

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

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

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

**COMMERCIAL FERTILIZER VALUES FOR CALENDAR YEARS
2005 AND 2006**

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 | 2005 | 2006 |
|---|------------------------|---------|
| | Dollars/Unit (20 lbs.) | |
| Total Nitrogen (N) | \$ 6.27 | \$ 8.78 |
| Avail. Phosphate (P ₂ O ₅) | \$ 4.25 | \$ 8.56 |
| Soluble Potash (K ₂ O) | | |
| Tobacco (Low CL) | \$ 6.16 | \$ 7.08 |
| Non-Tobacco | \$ 3.89 | \$ 4.50 |
| Calcium (Ca) | \$ 5.95 | \$ 5.95 |
| Magnesium | \$11.04 | \$17.72 |
| Sulfur (S) | \$ 5.04 | \$ 5.42 |
| Boron (B) | \$65.06 | \$70.04 |
| Copper (Cu) | \$61.45 | \$52.70 |
| Iron (Fe) | \$16.32 | \$10.42 |
| Manganese (Mn) | \$18.79 | \$18.01 |
| Molybdenum (Mo) | \$18.05 | \$18.05 |
| Zinc (Zn) | \$20.78 | \$23.71 |

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

Kentucky Official NPK Samples for 2005-06
 Summary of Certain Sample Characteristics By Form and By Type

| FORM | TYPE | N Tests | | P Tests | | K Tests | | Sample | | RV | | Total Tons Sampled |
|-----------------|-------------------------|-------------|-------------|-----------|-------------|-----------|-------------|-----------|--------------|------------|-----------|--------------------|
| | | No. Samples | Sum | Def. Rate | Sum | Def. Rate | Sum | Def. Rate | Def. Rate, % | MEAN | Per Smp | |
| BAG | | 898 | 894 | 11 | 874 | 8 | 882 | 7 | 20 | 103 | 4 | 3598 |
| BULK | | 2257 | 1904 | 1 | 1696 | 2 | 1746 | 2 | 4 | 101 | 24 | 55066 |
| LIQUID | | 84 | 84 | 2 | 42 | 2 | 40 | 3 | 5 | 103 | 28 | 2357 |
| | BLENDED GRADE | 860 | 856 | 11 | 849 | 8 | 855 | 7 | 20 | 102 | 4 | 3403 |
| | MANUFACTURED | 77 | 77 | 1 | 67 | 3 | 63 | 3 | 6 | 107 | 11 | 877 |
| | MATERIAL | 751 | 467 | 1 | 267 | 0 | 231 | 0 | 1 | 100 | 68 | 50773 |
| | CUSTOM MIX | 1551 | 1482 | 2 | 1429 | 3 | 1519 | 2 | 5 | 101 | 4 | 5969 |
| SUMMARY: | | | | | | | | | | | | |
| | NPK SAMPLES ONLY | 3239 | 2882 | 4 | 2612 | 4 | 2668 | 3 | 8 | 101 | 19 | 61021 |
| | ALL SAMPLES | 3280 | 2882 | 4 | 2612 | 4 | 2668 | 3 | 12 | 101 | 19 | 61253 |

Kentucky Official NPK Samples for 2005-06
 Summary of Certain Characteristics Combined By Form and By Type

| FORM | TYPE | Samples | | Tons Sampled | | Sample | | RV |
|--------|---------------|---------|------------|--------------|------------|--------------|------|----|
| | | Number | % of Total | Sum | % of Total | Def. Rate, % | MEAN | |
| BAG | BLENDED GRADE | 832 | 26 | 3151 | 5 | 21 | 102 | |
| BAG | MANUFACTURED | 55 | 2 | 362 | 1 | 7 | 107 | |
| BAG | MATERIAL | 9 | 0 | 67 | 0 | 11 | 101 | |
| BAG | CUSTOM MIX | 2 | 0 | 17 | 0 | 50 | 101 | |
| BULK | BLENDED GRADE | 5 | 0 | 35 | 0 | 0 | 101 | |
| BULK | MANUFACTURED | 11 | 0 | 487 | 1 | 0 | 101 | |
| BULK | MATERIAL | 702 | 22 | 48757 | 80 | 1 | 100 | |
| BULK | CUSTOM MIX | 1539 | 48 | 5786 | 9 | 5 | 101 | |
| LIQUID | BLENDED GRADE | 23 | 1 | 217 | 0 | 13 | 103 | |
| LIQUID | MANUFACTURED | 11 | 0 | 27 | 0 | 9 | 111 | |
| LIQUID | MATERIAL | 40 | 1 | 1949 | 3 | 0 | 100 | |
| LIQUID | CUSTOM MIX | 10 | 0 | 165 | 0 | 0 | 103 | |

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

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|--------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| AG DISTRIBUTORS, INC. NASHVILLE TN 37209 | | | | | | | | |
| 00-00-60 | 61618 | 0.00 | 0.00 | 60.07 | | 100 | Mat | Bulk |
| 00-00-60 | 61626 | 0.00 | 0.00 | 60.37 | | 101 | Mat | Bulk |
| 08-24-24 | 61769 | 8.90 | 27.50 | 20.44 * | | 106 | Blend | Bag |
| 10-10-10 | 60961 | 11.72 | 11.90 | 10.88 | | 116 | Blend | Bag |
| 10-10-10 | 61623 | 7.92 * | 8.73 * | 10.95 | | 89 * | Blend | Bag |
| 10-10-10 | 61936 | 10.55 | 12.68 | 13.95 | | 121 | Blend | Bag |
| 15-15-15 | 60960 | 15.03 | 16.97 | 15.61 | | 106 | Blend | Bag |
| 15-15-15 | 61622 | 15.08 | 14.46 | 13.91 * | | 97 | Blend | Bag |
| 18-46-00 | 61627 | 17.57 | 45.75 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 61616 | 34.16 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.49 | 108.09 | 105.06 | | | | |
| ALL SAMPLES,CV % | | 11.02 | 12.95 | 15.32 | | | | |
| NUMBER OF ANALYSIS | | 8 | 7 | 8 | | | | |
| Deficiency Rate = 30.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AG/GRO FERTILIZER CO. WINCHESTER KY 40391 | | | | | | | | |
| 00-00-50 | 61532 | 0.00 | 0.00 | 49.19 | | 98 | Mat | Bulk |
| 00-00-60 | 61529 | 0.00 | 0.00 | 60.86 | | 101 | Mat | Bulk |
| 00-00-60 | 62786 | 0.00 | 0.00 | 59.92 | | 100 | Mat | Bulk |
| 05-10-10 | 62088 | 6.23 | 11.57 | 11.90 | | 119 | Blend | Bag |
| 05-10-10 | 62774 | 4.86 | 10.27 | 9.43 | | 99 | Blend | Bag |
| 05-10-10 | 62921 | 4.67 | 9.49 | 9.96 | | 96 * | Blend | Bag |
| 05-10-15 | 61519 | 5.80 | 11.03 | 14.42 | | 105 | Blend | Bag |
| 05-10-15 | 61676 | 5.68 | 12.25 | 15.07 | * | 111 | Blend | Bag |
| 05-10-15 | 62221 | 5.05 | 10.40 | 14.58 | | 100 | Blend | Bag |
| 05-10-15 | 62231 | 4.92 | 9.39 | 14.00 | | 94 * | Blend | Bag |
| 05-10-15 | 62365 | 5.04 | 9.72 | 13.85 * | | 96 * | Blend | Bag |
| 05-10-15 | 62738 | 4.47 * | 8.17 * | 14.87 | | 91 * | Blend | Bag |
| 05-10-15 | 62819 | 4.53 * | 9.19 | 14.93 | | 95 * | Blend | Bag |
| 05-10-15 | 62943 | 5.00 | 9.38 | 15.19 | | 98 | Blend | Bag |
| 05-10-15 | 63060 | 5.44 | 10.72 | 17.06 | | 110 | Blend | Bag |
| 05-10-15 | 63126 | 5.42 | 10.39 | 14.55 | * | 102 | Blend | Bag |
| 05-10-15 | 63333 | 6.49 | 10.64 | 15.57 | * | 110 | Blend | Bag |
| Statistical Analysis for Grade : 05-10-15 | | | | | | | | |
| Number of Samples This Grade : 11 | | | | | | | | |
| Average Analysis : | | 5.26 | 10.12 | 14.92 | | 101.1 | | |
| CV, % | | 11.22 | 10.84 | 5.85 | | | | |
| 05-20-20 | 60713 | 4.83 | 19.12 | 20.16 | | 97 | Blend | Bag |
| 05-20-20 | 61524 | 5.85 | 19.95 | 21.15 | | 104 | Blend | Bag |
| 05-20-20 | 62438 | 6.53 | 21.98 | 19.61 | | 109 | Blend | Bag |
| 05-20-20 | 62785 | 5.20 | 19.41 | 19.86 | | 99 | Blend | Bag |
| 05-20-20 | 62849 | 6.40 | 20.62 | 20.00 | | 106 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|--------|---------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| AG/GRO FERTILIZER CO. WINCHESTER KY 40391 | | | | | | | | |
| Statistical Analysis for Grade : 05-20-20 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 5.76 | 20.22 | 20.16 | | 103.0 | | |
| CV, % | | 12.84 | 5.64 | 2.93 | | | | |
| 06-12-12 | 61523 | 7.14 | 12.98 | 11.50 | | 108 | Blend | Bag |
| 06-12-12 | 62086 | 6.24 | 11.98 | 11.85 | | 101 | Blend | Bag |
| 06-12-12 | 62226 | 5.59 | 10.76 * | 10.91 * | | 91 * | Blend | Bag |
| 06-12-12 | 62772 | 6.22 | 12.22 | 12.05 | | 102 | Blend | Bag |
| 06-12-12 | 62918 | 6.26 | 11.62 | 11.77 | | 99 | Blend | Bag |
| Statistical Analysis for Grade : 06-12-12 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 6.29 | 11.91 | 11.62 | | 100.0 | | |
| CV, % | | 8.81 | 6.85 | 3.8 | | | | |
| 06-24-24 | 60856 | 7.47 | 24.04 | 23.78 | | 103 | Blend | Bag |
| 06-24-24 | 62220 | 9.39 | 24.12 | 23.41 | | 108 | Blend | Bag |
| 09-18-27 | 62787 | 9.40 | 17.78 | 26.34 | * | 99 | Blend | Bag |
| 10-10-10 | 60715 | 8.72 * | 8.64 * | 12.52 | | 95 * | Blend | Bag |
| 10-10-10 | 60836 | 9.70 | 9.86 | 9.69 | | 98 | Blend | Bag |
| 10-10-10 | 60854 | 10.79 | 11.67 | 10.62 | | 111 | Blend | Bag |
| 10-10-10 | 60928 | 9.82 | 10.25 | 10.09 | | 100 | Blend | Bag |
| 10-10-10 | 61225 | 10.09 | 9.67 | 9.90 | | 99 | Blend | Bag |
| 10-10-10 | 61373 | 9.10 * | 10.05 | 11.08 | | 99 | Blend | Bag |
| 10-10-10 | 61522 | 9.84 | 10.69 | 11.92 | | 106 | Blend | Bag |
| 10-10-10 | 61675 | 9.72 | 10.86 | 10.15 | | 103 | Blend | Bag |
| 10-10-10 | 61790 | 9.11 | 9.36 | 12.14 | | 98 | Blend | Bag |
| 10-10-10 | 62087 | 8.29 * | 10.42 | 9.35 | | 93 * | Blend | Bag |
| 10-10-10 | 62222 | 9.70 | 10.98 | 10.14 | | 103 | Blend | Bag |
| 10-10-10 | 62227 | 9.29 | 10.98 | 10.40 | | 102 | Blend | Bag |
| 10-10-10 | 62362 | 9.40 | 9.76 | 10.28 | | 97 | Blend | Bag |
| 10-10-10 | 62519 | 10.07 | 10.78 | 10.05 | | 103 | Blend | Bag |
| 10-10-10 | 62599 | 12.00 | 12.16 | 10.33 | | 117 | Blend | Bag |
| 10-10-10 | 62645 | 9.56 | 10.35 | 10.10 | | 100 | Blend | Bag |
| 10-10-10 | 62665 | 10.23 | 11.94 | 10.48 | | 110 | Blend | Bag |
| 10-10-10 | 62737 | 10.30 | 10.24 | 10.36 | | 103 | Blend | Bag |
| 10-10-10 | 62776 | 10.76 | 10.89 | 9.82 | | 106 | Blend | Bag |
| 10-10-10 | 62782 | 10.22 | 11.24 | 10.04 | | 106 | Blend | Bag |
| 10-10-10 | 62784 | 9.45 | 9.82 | 10.24 | | 98 | Blend | Bag |
| 10-10-10 | 62800 | 11.43 | 12.39 | 10.50 | | 116 | Blend | Bag |
| 10-10-10 | 62912 | 9.81 | 10.21 | 10.96 | | 102 | Blend | Bag |
| 10-10-10 | 62919 | 8.24 * | 9.44 | 9.37 | | 89 * | Blend | Bag |
| 10-10-10 | 62920 | 10.19 | 11.18 | 9.62 | | 105 | Blend | Bag |
| 10-10-10 | 62923 | 8.89 * | 10.42 | 10.33 | | 98 | Blend | Bag |
| 10-10-10 | 62931 | 10.49 | 11.03 | 10.42 | | 107 | Blend | Bag |
| 10-10-10 | 62936 | 10.42 | 10.89 | 9.64 | | 104 | Blend | Bag |
| 10-10-10 | 63058 | 9.61 | 10.46 | 9.80 | | 100 | Blend | Bag |
| 10-10-10 | 63061 | 11.88 | 12.68 | 13.67 | | 126 | Blend | Bag |
| 10-10-10 | 63070 | 9.50 | 9.95 | 10.72 | | 99 | Blend | Bag |
| 10-10-10 | 63127 | 10.41 | 10.69 | 9.92 | | 104 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|---------|---------|-------|-------|-------|-------|------|
| ----- | | | | | | | | |
| AG/GRO FERTILIZER CO. WINCHESTER KY 40391 | | | | | | | | |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 32 | | | | | | | | |
| Average Analysis : | | 9.91 | 10.62 | 10.46 | | 103.0 | | |
| CV, % | | 8.87 | 8.47 | 8.92 | | | | |
| 10-20-20 | 61791 | 10.29 | 21.39 | 19.95 | | 104 | Blend | Bag |
| 10-20-20 | 62229 | 10.18 | 20.34 | 19.58 | | 101 | Blend | Bag |
| 10-20-20 | 62646 | 9.94 | 19.89 | 19.67 | | 99 | Blend | Bag |
| 12-12-12 | 61518 | 12.83 | 12.26 | 11.61 | | 103 | Blend | Bag |
| 12-12-12 | 61520 | 10.37 * | 11.50 | 13.66 | | 96 * | Blend | Bag |
| 12-12-12 | 61789 | 11.55 | 11.69 | 12.96 | | 99 | Blend | Bag |
| 12-12-12 | 62223 | 11.30 | 11.57 | 11.17 | | 95 * | Blend | Bag |
| 12-12-12 | 62773 | 10.18 * | 11.43 | 11.77 | | 92 * | Blend | Bag |
| 12-12-12 | 62797 | 12.12 | 12.12 | 12.47 | | 102 | Blend | Bag |
| 12-12-12 | 62799 | 11.61 | 10.92 * | 11.99 | | 95 * | Blend | Bag |
| 12-12-12 | 62821 | 11.78 | 11.77 | 11.71 | | 98 | Blend | Bag |
| 12-12-12 | 62924 | 9.91 * | 10.89 * | 11.72 | | 89 * | Blend | Bag |
| 12-12-12 | 63059 | 11.57 | 11.19 | 11.85 | | 96 * | Blend | Bag |
| Statistical Analysis for Grade : 12-12-12 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 11.32 | 11.53 | 12.09 | | 96.4 | | |
| CV, % | | 8.09 | 3.97 | 6.11 | | | | |
| 14-32-11 | 61792 | 14.10 | 31.80 | 12.50 | | 101 | Blend | Bag |
| 14-32-11 | 63124 | 14.13 | 32.63 | 10.26 | | 101 | Blend | Bag |
| 15-15-15 | 62795 | 15.36 | 15.39 | 14.72 | | 102 | Blend | Bag |
| 15-15-15 | 62925 | 14.26 | 13.62 * | 14.07 | | 93 * | Blend | Bag |
| 15-15-15 | 62944 | 15.23 | 14.74 | 16.11 | | 102 | Blend | Bag |
| 18-09-18 | 62848 | 18.21 | 9.90 | 18.01 | | 103 | Blend | Bag |
| 18-46-00 | 61531 | 17.92 | 45.97 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 60006 | 19.42 | 18.43 | 19.93 | | 101 | Blend | Bag |
| 19-19-19 | 60714 | 17.68 | 16.45 * | 24.96 | | 98 | Blend | Bag |
| 19-19-19 | 60855 | 19.44 | 18.96 | 19.54 | | 101 | Blend | Bag |
| 19-19-19 | 61224 | 19.51 | 19.04 | 19.37 | | 102 | Blend | Bag |
| 19-19-19 | 61372 | 18.47 | 19.70 | 20.51 | | 102 | Blend | Bag |
| 19-19-19 | 61521 | 19.83 | 20.07 | 19.22 | | 104 | Blend | Bag |
| 19-19-19 | 61674 | 18.96 | 19.30 | 19.87 | | 101 | Blend | Bag |
| 19-19-19 | 62219 | 18.53 | 19.49 | 20.81 | | 102 | Blend | Bag |
| 19-19-19 | 62228 | 19.26 | 19.88 | 19.65 | | 103 | Blend | Bag |
| 19-19-19 | 62230 | 19.52 | 20.46 | 18.90 | | 104 | Blend | Bulk |
| 19-19-19 | 62370 | 19.03 | 19.01 | 20.01 | | 101 | Blend | Bag |
| 19-19-19 | 62439 | 18.99 | 19.43 | 19.37 | | 101 | Blend | Bag |
| 19-19-19 | 62520 | 18.63 | 19.68 | 20.38 | | 102 | Blend | Bag |
| 19-19-19 | 62644 | 18.88 | 19.15 | 19.26 | | 100 | Blend | Bag |
| 19-19-19 | 62739 | 19.93 | 19.44 | 18.84 | | 103 | Blend | Bag |
| 19-19-19 | 62775 | 19.31 | 19.78 | 19.44 | | 103 | Blend | Bag |
| 19-19-19 | 62781 | 19.18 | 18.16 | 20.88 | | 101 | Blend | Bag |
| 19-19-19 | 62783 | 19.55 | 19.24 | 19.19 | | 102 | Blend | Bag |
| 19-19-19 | 62796 | 19.33 | 18.78 | 19.90 | | 101 | Blend | Bag |
| 19-19-19 | 62818 | 18.71 | 20.56 | 18.96 | | 103 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|---------|---------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| AG/GRO FERTILIZER CO. WINCHESTER KY 40391 | | | | | | | | |
| 19-19-19 | 62820 | 20.43 | 18.61 | 19.96 | | 103 | Blend | Bag |
| 19-19-19 | 62850 | 18.96 | 20.20 | 20.21 | | 104 | Blend | Bag |
| 19-19-19 | 62913 | 19.03 | 19.30 | 20.18 | | 102 | Blend | Bag |
| 19-19-19 | 62942 | 19.52 | 18.02 | 20.54 | | 101 | Blend | Bulk |
| 19-19-19 | 62945 | 19.66 | 18.99 | 18.98 | | 101 | Blend | Bag |
| 19-19-19 | 63062 | 20.41 | 19.78 | 18.90 | | 104 | Blend | Bag |
| 19-19-19 | 63125 | 19.60 | 19.74 | 18.54 | | 102 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 27 | | | | | | | | |
| Average Analysis : | | 19.25 | 19.25 | 19.86 | | 102.0 | | |
| CV, % | | 3.05 | 4.39 | 6.05 | | | | |
| 25-00-25 | 62598 | 24.91 | 0.00 | 28.19 | | 104 | Blend | Bag |
| 27-00-00 | 62364+ | 27.88 | 0.00 | 0.00 | | 103 | Mat | Bag |
| 34-00-00 | 61226 | 33.96 | 0.00 | 0.00 | | 100 | Mat | Bag |
| 34-00-00 | 61530 | 34.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.96 | 102.20 | 102.57 | | | | |
| ALL SAMPLES,CV % | | 10.22 | 7.49 | 7.26 | | | | |
| NUMBER OF ANALYSIS | | 110 | 106 | 109 | | | | |
| Deficiency Rate = 16.81 % | | | | | | | | |
| ----- | | | | | | | | |
| AG/GRO FERTILIZER CO. (PEND ST.) WINCHESTER KY 40391 | | | | | | | | |
| 06-12-18 | 63331 | 13.01 | 19.72 | 6.45 * | | 113 | CM | Bulk |
| 09-18-27 | 63334 | 8.87 | 18.04 | 27.01 | * | 100 | CM | Bulk |
| 15-00-39 | 62224 | 15.69 | 0.00 | 40.30 | | 101 | CM | Bulk |
| 15-00-39 | 62225 | 15.40 | 0.00 | 41.20 | | 102 | CM | Bulk |
| 15-00-39 | 62232 | 16.76 | 0.00 | 39.66 | | 103 | CM | Bulk |
| 16-00-31 | 63332 | 16.86 | 0.00 | 31.30 | | 99 | CM | Bulk |
| ----- | | | | | | | | |
| AGRI-BUSINESS TECH, INC ALBANY GA 31707 | | | | | | | | |
| 00-00-00 | 60976+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61085+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 62991+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| ----- | | | | | | | | |
| AGRI-CHEM, INC (BARD) BARDWELL KY 42023 | | | | | | | | |
| 07-18-36 | 63328 | 6.93 | 16.81 * | 38.51 | | 99 | CM | Bulk |
| 09-23-30 | 62409 | 9.38 | 23.62 | 28.58 * | | 101 | CM | Bulk |
| 09-23-30 | 62410 | 9.81 | 24.12 | 27.80 * | | 102 | CM | Bulk |
| 25-28-00 | 63329 | 23.28 * | 30.78 | 0.00 | | 99 | CM | Bulk |
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (HERN) HERNDON KY 42236 | | | | | | | | |
| 06-29-25 | 60317 | 6.44 | 29.53 | 26.51 | | 101 | CM | Bulk |
| 06-29-25 | 60318 | 6.35 | 29.62 | 27.03 | | 102 | CM | Bulk |
| 10-26-25 | 61413 | 10.56 | 27.55 | 25.21 | | 103 | CM | Bulk |
| 10-26-25 | 61414 | 9.99 | 26.81 | 26.67 | | 102 | CM | Bulk |
| 11-29-21 | 60969 | 11.42 | 29.84 | 21.12 | | 100 | CM | Bulk |
| 11-29-21 | 61143 | 11.55 | 29.15 | 21.73 | | 99 | CM | Bulk |
| 11-29-21 | 61416 | 11.32 | 28.78 | 23.45 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-----------------------|---------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (HERN) | | HERNDON KY 42236 | | | | | | |
| 22-20-13 | 61417 | 23.02 | 22.46 | 14.05 | | 104 | CM | Bulk |
| 25-14-14 | 61415 | 26.88 | 14.68 | 15.25 | | 103 | CM | Bulk |
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (HOPK) | | HOPKINSVILLE KY 42240 | | | | | | |
| 04-20-23 | 60462 | 4.84 | 21.21 | 24.08 | | 104 | CM | Bulk |
| 04-20-24 | 60463 | 4.88 | 21.15 | 23.85 | | 104 | CM | Bulk |
| 05-27-27 | 60307 | 5.95 | 27.93 | 28.31 | | 101 | CM | Bulk |
| 05-27-27 | 60308 | 5.99 | 28.53 | 27.48 | | 101 | CM | Bulk |
| 05-49-00 | 60459 | 6.27 | 49.44 | 0.00 | | 103 | CM | Bulk |
| 07-33-20 | 60460+ | 7.23 | 33.55 | 19.07 | | 100 | CM | Bulk |
| 07-33-20 | 60461+ | 7.20 | 33.14 | 19.56 | | 100 | CM | Bulk |
| 28-12-12 | 61764 | 29.77 | 12.12 | 12.33 | | 101 | CM | Bulk |
| 28-12-12 | 61765 | 30.14 | 11.94 | 12.03 | | 101 | CM | Bulk |
| 28-12-12 | 61766 | 28.93 | 13.27 | 12.95 | | 102 | CM | Bulk |
| 28-12-12 | 61770 | 29.52 | 11.73 | 13.15 | | 101 | CM | Bulk |
| 28-12-12 | 61771 | 30.11 | 12.52 | 11.99 | | 102 | CM | Bulk |
| 28-12-12 | 61772 | 29.66 | 12.54 | 12.50 | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 28-12-12 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 29.69 | 12.35 | 12.49 | | 101.5 | | |
| CV, % | | 1.5 | 4.46 | 3.81 | | | | |
| 32-00-00 | 61773 | 31.93 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 46-00-00 | 61713 | 46.15 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.76 | 99.79 | 99.30 | | | | |
| ALL SAMPLES,CV % | | 4.46 | 3.82 | 3.12 | | | | |
| NUMBER OF ANALYSIS | | 15 | 13 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (PRIN) | | PRINCETON KY 42445 | | | | | | |
| 10-25-26 | 63146 | 10.05 | 25.80 | 27.14 | | 100 | CM | Bulk |
| 10-26-26 | 63145 | 10.52 | 26.66 | 25.63 | | 101 | CM | Bulk |
| 19-19-19 | 61930 | 19.05 | 20.97 | 19.09 | | 102 | CM | Bulk |
| 27-13-13 | 61935 | 28.74 | 13.56 | 12.18 * | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| AGRI-CHEM, INC. (TRENT) | | TRENTON KY 42286 | | | | | | |
| 04-19-12 | 60357 | 4.87 | 20.02 | 13.50 | | 107 | CM | Bulk |
| 04-19-12 | 60358 | 4.40 | 17.66 * | 14.12 | | 100 | CM | Bulk |
| 04-19-12 | 60359 | 4.85 | 19.55 | 13.75 | | 106 | CM | Bulk |
| 05-27-27 | 60356 | 5.92 | 28.23 | 28.28 | | 101 | CM | Bulk |
| 06-32-21 | 60237 | 6.81 | 33.35 | 22.55 | | 101 | CM | Bulk |
| 12-18-23 | 62997 | 12.76 | 17.89 | 25.03 | | 100 | CM | Bulk |
| 20-14-17 | 62998 | 20.23 | 15.20 | 17.88 | | 101 | CM | Bulk |
| 20-14-17 | 62999 | 20.11 | 15.05 | 19.87 | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| AGRIGRO FARM CTR, INC | | HARTFORD KY 42347 | | | | | | |
| 00-00-50 | 62151 | 0.00 | 0.00 | 51.21 | | 102 | Mat | Bulk |
| 00-00-60 | 62145 | 0.00 | 0.00 | 60.11 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| AGRIGRO FARM CTR, INC HARTFORD KY 42347 | | | | | | | | |
| 00-14-40 | 62972 | 0.00 | 15.71 | 41.02 | | 104 | CM | Bulk |
| 00-14-40 | 62978 | 0.00 | 15.95 | 40.27 | | 103 | CM | Bulk |
| 00-14-40 | 62980 | 0.00 | 15.15 | 41.38 | | 103 | CM | Bulk |
| 00-14-40 | 63000 | 0.00 | 16.42 | 39.94 | | 104 | CM | Bulk |
| 00-14-40 | 63001 | 0.00 | 15.59 | 41.46 | | 104 | CM | Bulk |
| Statistical Analysis for Grade : 00-14-40 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 0.00 | 15.76 | 40.81 | | 103.4 | | |
| CV, % | | 0 | 2.97 | 1.66 | | | | |
| 00-45-00 | 62148 | 0.00 | 45.57 | 0.00 | | 101 | Mat | Bulk |
| 09-23-30 | 62149 | 8.90 | 22.84 | 30.98 | | 101 | Blend | Bag |
| 09-23-30 | 62973 | 9.04 | 23.50 | 30.45 | | 102 | CM | Bulk |
| 09-23-30 | 62974 | 8.75 | 22.99 | 30.92 | | 100 | CM | Bulk |
| 09-23-30 | 62975 | 9.09 | 23.69 | 29.94 | | 102 | CM | Bulk |
| 09-23-30 | 62976 | 9.03 | 23.73 | 29.88 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 8.96 | 23.35 | 30.43 | | 101.1 | | |
| CV, % | | 1.54 | 1.76 | 1.71 | | | | |
| 18-46-00 | 62147 | 18.08 | 45.74 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 62150 | 18.32 | 20.58 | 19.14 | | 102 | Blend | Bag |
| 46-00-00 | 62146 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.33 | 103.52 | 101.46 | | | | |
| ALL SAMPLES,CV % | | 1.69 | 3.21 | 1.41 | | | | |
| NUMBER OF ANALYSIS | | 8 | 13 | 13 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRILIANCE ST. PAUL MN 55164-0089 | | | | | | | | |
| 10-10-10 | 61612 | 9.72 | 9.36 | 11.10 | | 99 | Blend | Bag |
| 10-10-10 | 62008 | 9.46 | 9.38 | 10.01 | | 95 * | Blend | Bag |
| 12-12-12 | 61611 | 14.81 | 13.39 | 11.51 | | 113 | Blend | Bag |
| 12-12-12 | 63134 | 11.88 | 11.63 | 11.67 | | 98 | Blend | Bag |
| 13-13-13 | 62847 | 14.76 | 14.30 | 12.99 | | 109 | Blend | Bag |
| 23-03-07 | 61947+ | 24.05 | 2.89 | 7.89 | | 105 | Blend | Bag |
| ----- | | | | | | | | |
| AGRIPORT TERMINAL EDDYVILLE KY 42038 | | | | | | | | |
| 00-00-60 | 60203 | 0.00 | 0.00 | 58.54 * | | 98 | Mat | Bulk |
| 00-00-60 | 60523 | 0.00 | 0.00 | 58.85 | | 98 | Mat | Bulk |
| 00-00-60 | 60524 | 0.00 | 0.00 | 60.71 | | 101 | Mat | Bulk |
| 00-00-60 | 60630 | 0.00 | 0.00 | 60.27 | | 100 | Mat | Bulk |
| 00-00-60 | 60657 | 0.00 | 0.00 | 60.56 | | 101 | Mat | Bulk |
| 00-00-60 | 60662 | 0.00 | 0.00 | 59.71 | | 100 | Mat | Bulk |
| 00-00-60 | 60740 | 0.00 | 0.00 | 59.79 | | 100 | Mat | Bulk |
| 00-00-60 | 61931 | 0.00 | 0.00 | 60.30 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| AGRIPORT TERMINAL EDDYVILLE KY 42038 | | | | | | | | |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 59.84 | | 99.7 | | |
| CV, % | | 0 | 0 | 1.32 | | | | |
| 00-46-00 | 61932 | 0.00 | 46.39 | 0.00 | | 101 | Mat | Bulk |
| 09-23-30 | 60200 | 5.36 * | 25.69 | 31.73 | | 98 | CM | Bulk |
| 09-23-30 | 60201 | 5.49 * | 25.81 | 31.20 | | 98 | CM | Bulk |
| 10-26-26 | 61512 | 10.05 | 25.34 | 27.01 | | 99 | CM | Bulk |
| 10-34-00 | 61412 | 10.28 | 33.90 | 0.00 | | 100 | Mnfr | Liq |
| 11-29-21 | 61513 | 11.51 | 28.79 | 22.24 | | 100 | CM | Bulk |
| 11-29-21 | 61514 | 11.28 | 28.91 | 21.91 | | 99 | CM | Bulk |
| 11-52-00 | 60202 | 11.35 | 52.71 | 0.00 | | 102 | Mat | Bulk |
| 18-46-00 | 60204 | 18.12 | 45.79 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60631 | 17.56 | 46.11 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60633 | 17.74 | 46.48 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60634 | 17.29 | 45.90 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60663 | 17.75 | 45.48 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60739 | 17.65 | 45.46 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61617 | 17.48 | 45.47 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 61933 | 17.63 | 46.16 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62330 | 17.75 | 45.80 | 0.00 | | 99 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 17.66 | 45.85 | 0.00 | | 99.2 | | |
| CV, % | | 1.29 | 0.77 | 0 | | | | |
| 32-00-00 | 60664 | 32.17 | 0.00 | 0.00 | | 101 | Mat | Liq |
| 32-00-00 | 60965 | 31.98 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 32-00-00 | 63148 | 31.52 | 0.00 | 0.00 | | 98 | Mat | Liq |
| 32-00-00 | 63153 | 31.69 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 46-00-00 | 60632 | 45.92 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60656 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60661 | 45.87 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60738 | 46.19 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61934 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 46-00-00 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 46.00 | 0.00 | 0.00 | | 100.0 | | |
| CV, % | | 0.27 | 0 | 0 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.22 | 101.04 | 101.01 | | | | |
| ALL SAMPLES,CV % | | 11.38 | 4.19 | 2.32 | | | | |
| NUMBER OF ANALYSIS | | 25 | 17 | 13 | | | | |
| Deficiency Rate = 8.82 % | | | | | | | | |
| ----- | | | | | | | | |
| AGRIUM U.S. INC. (DENV) DENVER CO 80237 | | | | | | | | |
| 44-00-00 | 60772 | 44.51 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 44-00-00 | 60821+ | 44.36 | 0.00 | 0.00 | | 101 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| AGRIUM U.S. INC. (DENV) DENVER CO 80237 | | | | | | | | |
| ----- | | | | | | | | |
| AGRIUM U.S. INC. (REESE) REESE MI 48757-9340 | | | | | | | | |
| 02-00-00 | 61018+ | 1.69 | 0.00 | 0.00 | | 84 * | Mnfr | Bag |
| ----- | | | | | | | | |
| AGRO DISTRIBUTION, LLC HARDINSBURG KY 40143 | | | | | | | | |
| 00-00-60 | 60853 | 0.00 | 0.00 | 60.64 | | 101 | Mat | Bulk |
| 05-13-17 | 60447 | 5.88 | 13.68 | 19.49 | | 110 | CM | Bulk |
| 05-13-17 | 60448 | 5.72 | 13.45 | 20.01 | | 110 | CM | Bulk |
| 05-13-17 | 60469 | 5.68 | 13.47 | 19.53 | | 109 | CM | Bulk |
| 05-26-26 | 60446 | 5.19 | 26.42 | 26.11 | | 101 | CM | Bulk |
| 05-26-26 | 60470 | 5.59 | 26.23 | 25.42 | | 101 | CM | Bulk |
| 06-16-16 | 60379 | 7.39 | 17.70 | 18.58 | | 110 | CM | Bulk |
| 06-16-16 | 60380 | 7.20 | 17.47 | 19.11 | | 110 | CM | Bulk |
| 06-16-16 | 60381 | 7.36 | 18.28 | 18.03 | | 110 | CM | Bulk |
| 06-16-16 | 60382 | 7.57 | 16.83 | 17.73 | | 107 | CM | Bulk |
| 06-16-16 | 60383 | 7.41 | 17.65 | 18.46 | | 110 | CM | Bulk |
| Statistical Analysis for Grade : 06-16-16 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | | | | | | | |
| | | 7.39 | 17.59 | 18.38 | | 109.4 | | |
| CV, % | | | | | | | | |
| | | 1.79 | 2.96 | 2.88 | | | | |
| 18-46-00 | 60852 | 18.26 | 46.10 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 60850 | 33.11 | 0.00 | 0.00 | | 97 | Mat | Bulk |
| 46-00-00 | 60851 | 46.08 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 108.80 | 103.74 | 108.73 | | | | |
| ALL SAMPLES,CV % | | 5.88 | 2.97 | 6.01 | | | | |
| NUMBER OF ANALYSIS | | 13 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| AGROTAIN INTERNATIONAL, LLC ST. LOUIS MO 63147 | | | | | | | | |
| 46-00-00 | 61194 | 45.82 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| ALASKA FISH FERT. CO. RENTON WA | | | | | | | | |
| 08-05-01 | 60452+ | 8.56 | 5.41 | 2.09 | | 113 | Blend | Bag |
| ----- | | | | | | | | |
| ALLEN CO. FARMERS SCOTTSVILLE KY 42164 | | | | | | | | |
| 14-14-14 | 61089 | 14.84 | 14.68 | 15.29 | | 101 | CM | Bulk |
| 19-19-19 | 61082 | 18.87 | 19.34 | 19.67 | | 99 | CM | Bulk |
| 19-19-19 | 61086 | 18.97 | 19.33 | 19.74 | | 100 | CM | Bulk |
| 19-19-19 | 61087 | 19.82 | 19.10 | 18.50 | | 99 | CM | Bulk |
| 19-19-19 | 61088 | 19.46 | 19.60 | 19.34 | | 101 | CM | Bulk |
| 19-19-19 | 61092 | 18.74 | 19.66 | 19.79 | | 100 | CM | Bulk |
| 19-19-19 | 61095 | 18.62 | 19.07 | 20.53 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|-------|---------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| ALLEN CO. FARMERS SCOTTSVILLE KY 42164 | | | | | | | | |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 19.08 | 19.35 | 19.60 | | 99.6 | | |
| CV, % | | 2.43 | 1.27 | 3.39 | | | | |
| 19-26-14 | 61091 | 19.17 | 23.89 * | 15.64 | | 97 | CM | Bulk |
| 19-26-14 | 61093 | 18.32 | 27.19 | 14.59 | | 101 | CM | Bulk |
| 19-26-14 | 61094 | 18.83 | 26.89 | 14.66 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.74 | 99.71 | 102.22 | | | | |
| ALL SAMPLES,CV % | | 2.07 | 3.52 | 3.33 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| ALLEN CO. FEED/SEED SCOTTSVILLE KY 42164 | | | | | | | | |
| 18-16-16 | 61090 | 18.05 | 16.75 | 17.62 | | 100 | CM | Bulk |
| 19-19-19 | 61096 | 19.58 | 19.19 | 20.08 | | 101 | CM | Bulk |
| 19-19-19 | 61698 | 19.17 | 19.18 | 20.18 | | 100 | CM | Bulk |
| 19-19-19 | 62115 | 18.14 | 18.74 | 21.33 | | 98 | CM | Bulk |
| 19-19-19 | 62116 | 19.17 | 19.20 | 20.15 | | 100 | CM | Bulk |
| 19-19-19 | 62118 | 19.91 | 19.85 | 19.18 | | 102 | CM | Bulk |
| 19-19-19 | 62120 | 19.21 | 19.16 | 19.33 | | 99 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 19.20 | 19.22 | 20.04 | | 100.1 | | |
| CV, % | | 3.1 | 1.85 | 3.83 | | | | |
| 20-20-16 | 62119 | 20.30 | 21.24 | 16.90 | | 101 | CM | Bulk |
| 24-15-15 | 61696 | 23.30 | 15.33 | 18.31 | | 100 | CM | Bulk |
| 25-15-15 | 62117 | 24.41 | 15.79 | 16.25 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.11 | 100.00 | 105.49 | | | | |
| ALL SAMPLES,CV % | | 2.72 | 2.33 | 4.71 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| ALLENSVILLE CROP SVC. ALLENSVILLE KY 42204 | | | | | | | | |
| 08-40-11 | 60251 | 8.31 | 38.93 | 11.89 | | 98 | CM | Bulk |
| 08-40-11 | 60252 | 8.25 | 38.43 | 12.74 | | 99 | CM | Bulk |
| 09-23-30 | 61504 | 8.51 | 22.08 | 31.65 | | 99 | CM | Bulk |
| 09-23-30 | 61505 | 8.96 | 23.27 | 30.45 | | 101 | CM | Bulk |
| 10-26-23 | 60242 | 10.12 | 26.46 | 22.99 | | 99 | CM | Bulk |
| 12-32-14 | 60241 | 12.67 | 32.95 | 13.93 | | 99 | CM | Bulk |
| 12-32-18 | 60238 | 12.26 | 32.21 | 18.63 | | 100 | CM | Bulk |
| 12-32-18 | 60239 | 12.28 | 32.41 | 18.19 | | 100 | CM | Bulk |
| 28-11-14 | 62247 | 27.61 | 10.42 | 16.01 | | 99 | CM | Bulk |
| 28-11-14 | 62248 | 29.38 | 10.05 * | 14.43 | | 100 | CM | Bulk |
| 35-00-14 | 61497 | 36.90 | 0.00 | 15.10 | | 105 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------------------------|--------|---------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| ALLENSVILLE CROP SVC. | ALLENSVILLE KY 42204 | | | | | | | |
| 35-00-14 | 61498 | 36.62 | 0.00 | 13.65 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.28 | 97.33 | 103.48 | | | | |
| ALL SAMPLES,CV % | | 3.29 | 3.98 | 4.83 | | | | |
| NUMBER OF ANALYSIS | | 12 | 10 | 12 | | | | |
| Deficiency Rate = 8.33 % | | | | | | | | |
| ----- | | | | | | | | |
| ALLJACK, DIV OF UNITED IND. | ST. LOUIS MO 63114-0642 | | | | | | | |
| 15-30-15 | 60455+ | 15.83 | 31.31 | 15.85 | | 105 | Blend | Bag |
| 15-30-15 | 61366+ | 16.01 | 30.38 | 16.24 | | 104 | Blend | Bag |
| ----- | | | | | | | | |
| ANDERSON CO FARM SVC | LAWRENCEBURG KY 40342 | | | | | | | |
| 00-00-60 | 62667 | 0.00 | 0.00 | 60.37 | | 101 | Mat | Bulk |
| 18-46-00 | 62668 | 17.79 | 46.24 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 62666 | 33.66 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| ----- | | | | | | | | |
| BALLARD COUNTY COOP | LACENTER KY 42056 | | | | | | | |
| 07-19-35 | 60276 | 7.74 | 20.06 | 34.31 | | 101 | CM | Bulk |
| 09-23-30 | 60274 | 9.00 | 23.59 | 29.51 | | 100 | CM | Bulk |
| 09-23-30 | 60275 | 9.11 | 24.00 | 29.06 | | 100 | CM | Bulk |
| 09-23-30 | 62407 | 9.08 | 23.09 | 29.67 | | 100 | CM | Bulk |
| 09-23-30 | 62408 | 8.63 | 22.41 | 30.70 | | 99 | CM | Bulk |
| 09-23-30 | 62544 | 8.44 | 23.41 | 30.81 | | 101 | CM | Bulk |
| 09-23-30 | 62545 | 8.68 | 23.27 | 30.85 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 8.82 | 23.30 | 30.10 | | 100.1 | | |
| CV, % | | 3.14 | 2.29 | 2.59 | | | | |
| 15-17-22 | 62801 | 15.29 | 17.30 | 21.96 | | 100 | CM | Bulk |
| 15-17-22 | 62802 | 15.14 | 17.14 | 23.27 | | 100 | CM | Bulk |
| 18-14-18 | 62542 | 16.93 | 15.57 | 20.69 | | 101 | CM | Bulk |
| 18-14-18 | 62543 | 18.03 | 14.39 | 19.61 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.45 | 101.66 | 101.25 | | | | |
| ALL SAMPLES,CV % | | 3.3 | 2.8 | 3.63 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| BANDANA AG INC. | BANDANA KY 42022 | | | | | | | |
| 00-00-60 | 60628 | 0.00 | 0.00 | 58.77 | | 98 | Mat | Bulk |
| 04-10-20 | 60464 | 4.82 | 10.70 | 20.04 | | 100 | CM | Bulk |
| 07-19-34 | 62052 | 6.90 * | 17.66 * | 37.79 | | 97 | CM | Bulk |
| 07-19-34 | 62053 | 7.60 | 19.42 | 35.62 | | 100 | CM | Bulk |
| 09-16-32 | 62050 | 10.58 | 18.14 | 30.55 * | | 103 | CM | Bulk |
| 09-16-32 | 62051 | 9.77 | 17.71 | 31.96 | | 102 | CM | Bulk |
| 09-23-30 | 60465 | 8.69 | 22.55 | 29.83 | | 98 | CM | Bulk |
| 09-23-30 | 60466 | 9.19 | 23.69 | 28.83 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|---------|-------|-------|-------|------|
| BANDANA AG INC. BANDANA KY 42022 | | | | | | | | |
| 09-23-30 | 60467 | 9.18 | 23.66 | 30.02 | | 101 | CM | Bulk |
| 09-23-30 | 60468 | 8.85 | 22.42 | 30.15 | | 99 | CM | Bulk |
| 18-08-21 | 62048 | 19.37 | 9.02 | 21.67 | | 103 | CM | Bulk |
| 18-08-21 | 62049 | 19.43 | 7.65 | 22.06 | | 100 | CM | Bulk |
| 18-46-00 | 60629 | 17.89 | 46.58 | 0.00 | | 101 | Mat | Bulk |
| 24-09-12 | 63330 | 24.78 | 8.60 | 12.01 | | 101 | CM | Bulk |
| 34-00-00 | 60627 | 33.74 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.43 | 99.71 | 99.78 | | | | |
| ALL SAMPLES,CV % | | 6.09 | 6.14 | 4.43 | | | | |
| NUMBER OF ANALYSIS | | 14 | 13 | 13 | | | | |
| Deficiency Rate = 13.33 % | | | | | | | | |
| BAYER ADVANCED LLC BIRMINGHAM AL 35242 | | | | | | | | |
| 18-09-18 | 60074+ | 20.46 | 9.00 | 16.99 | | 105 | Blend | Bag |
| 18-09-18 | 60087+ | 21.61 | 9.84 | 14.70 * | | 106 | Blend | Bag |
| 18-09-18 | 60093+ | 16.33 * | 8.96 | 19.99 | | 99 | Blend | Bag |
| 18-09-18 | 60138+ | 17.43 | 9.02 | 19.24 | | 101 | Blend | Bag |
| 18-09-18 | 60149+ | 19.58 | 10.70 | 17.02 | | 106 | Blend | Bag |
| 18-09-18 | 60164+ | 16.39 * | 10.22 | 18.70 | | 99 | Blend | Bag |
| 18-09-18 | 60222+ | 17.79 | 11.08 | 17.10 | | 102 | Blend | Bag |
| 18-09-18 | 62075+ | 16.91 | 9.29 | 19.87 | | 100 | Blend | Bag |
| 18-09-18 | 62650+ | 17.96 | 8.74 | 17.66 | | 99 | Blend | Bag |
| 18-09-18 | 62808+ | 17.94 | 9.23 | 19.89 | | 103 | Blend | Bag |
| Statistical Analysis for Grade : 18-09-18 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 18.24 | 9.61 | 18.12 | | 102.0 | | |
| CV, % | | 9.66 | 8.44 | 9.52 | | | | |
| 18-11-16 | 60163+ | 18.06 | 11.49 | 15.56 | | 100 | Blend | Bag |
| 18-11-16 | 60221+ | 17.76 | 11.94 | 17.63 | | 104 | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.02 | 106.71 | 101.15 | | | | |
| ALL SAMPLES,CV % | | 8.8 | 7.68 | 9.07 | | | | |
| NUMBER OF ANALYSIS | | 12 | 12 | 12 | | | | |
| Deficiency Rate = 25.00 % | | | | | | | | |
| BICKETT AGRI CTR. CENTRAL CITY KY 42330 | | | | | | | | |
| 09-23-30 | 62531 | 8.85 | 23.13 | 30.04 | | 100 | CM | Bulk |
| 09-23-30 | 62532 | 8.28 | 21.80 | 31.70 | | 98 | CM | Bulk |
| 09-23-30 | 62533 | 9.32 | 21.81 | 29.73 | | 98 | CM | Bulk |
| 09-23-30 | 62534 | 8.71 | 22.44 | 31.32 | | 100 | CM | Bulk |
| 09-23-30 | 62535 | 9.69 | 24.98 | 27.98 * | | 103 | CM | Bulk |
| 09-23-30 | 62536 | 9.82 | 26.00 | 26.43 * | | 104 | CM | Bulk |
| 09-23-30 | 62537 | 8.80 | 23.09 | 30.77 | | 101 | CM | Bulk |
| 09-23-30 | 62538 | 8.72 | 22.72 | 31.33 | | 100 | CM | Bulk |
| 09-23-30 | 62539 | 8.82 | 24.07 | 29.31 | | 101 | CM | Bulk |
| 09-23-30 | 62540 | 8.53 | 22.03 | 32.36 | | 100 | 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 | 62541 | 9.56 | 24.38 | 27.74 * | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 11 | | | | | | | | |
| Average Analysis : | | 9.01 | 23.31 | 29.88 | | 100.5 | | |
| CV, % | | 5.62 | 5.92 | 6.25 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.10 | 101.36 | 99.61 | | | | |
| ALL SAMPLES,CV % | | 5.62 | 5.92 | 6.25 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 27.27 % | | | | | | | | |
| BICKETT AGRI CTR. MORGANFIELD KY 42437 | | | | | | | | |
| 00-00-60 | 61660 | 0.00 | 0.00 | 60.92 | | 102 | Mat | Bulk |
| 00-00-60 | 61661 | 0.00 | 0.00 | 61.13 | | 102 | Mat | Bulk |
| 00-00-60 | 61662 | 0.00 | 0.00 | 61.13 | | 102 | Mat | Bulk |
| 18-46-00 | 61663 | 17.90 | 45.91 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61665 | 17.83 | 45.96 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61664 | 46.10 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| BIG RIVERS AGRI SUPPLY OWENSBORO KY 42304 | | | | | | | | |
| 07-24-04 | 62766 | 7.84 | 23.31 | 4.26 | | 101 | Blend | Liq |
| BLOOMFIELD FERT/CHEM BLOOMFIELD KY 40008-0370 | | | | | | | | |
| 00-00-60 | 60680 | 0.00 | 0.00 | 60.65 | | 101 | Mat | Bulk |
| 11-11-11 | 62264 | 11.40 | 11.66 | 11.26 | | 97 | CM | Bulk |
| 11-13-34 | 62263 | 11.68 | 13.37 | 34.01 | | 100 | CM | Bulk |
| 12-17-29 | 62272 | 12.09 | 17.00 | 30.62 | | 99 | CM | Bulk |
| 18-46-00 | 60679 | 17.92 | 46.16 | 0.00 | | 100 | Mat | Bulk |
| 19-11-25 | 62267 | 20.73 | 11.49 | 24.92 | | 103 | CM | Bulk |
| 19-11-25 | 62270 | 20.47 | 11.11 | 24.56 | | 101 | CM | Bulk |
| 21-09-23 | 62266 | 22.14 | 8.79 | 25.21 | | 101 | CM | Bulk |
| 26-09-18 | 62265 | 26.30 | 9.97 | 18.70 | | 101 | CM | Bulk |
| 32-00-17 | 62268 | 33.59 | 0.00 | 17.54 | | 102 | CM | Bulk |
| 32-00-17 | 62269 | 33.54 | 0.00 | 17.94 | | 103 | CM | Bulk |
| 34-00-15 | 62271 | 34.45 | 0.00 | 16.28 | | 101 | CM | Bulk |
| 46-00-00 | 60681 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.68 | 100.77 | 101.34 | | | | |
| ALL SAMPLES,CV % | | 2.81 | 4.34 | 4.21 | | | | |
| NUMBER OF ANALYSIS | | 12 | 8 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004 | | | | | | | | |
| 00-00-50 | 62457 | 0.00 | 0.00 | 51.52 | | 103 | Mat | Bulk |
| 05-14-38 | 63072+ | 6.45 | 15.68 | 37.65 | | 102 | CM | Bulk |
| 05-14-38 | 63073+ | 5.89 | 15.05 | 38.43 | | 100 | CM | Bulk |
| 07-00-48 | 63032+ | 7.77 | 0.00 | 47.93 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| BLUEGRASS SEED/FERT INC. BARDSTOWN KY 40004 | | | | | | | | |
| 10-00-41 | 63033+ | 11.26 | 0.00 | 44.68 | | 106 | CM | Bulk |
| 11-13-17 | 63071 | 11.97 | 13.47 | 16.77 | | 101 | CM | Bulk |
| 12-07-14 | 63031 | 13.40 | 8.08 | 14.84 | | 102 | CM | Bulk |
| 18-00-36 | 62453 | 18.57 | 0.00 | 36.79 | | 102 | CM | Bulk |
| 18-00-36 | 62454 | 18.39 | 0.00 | 36.60 | | 101 | CM | Bulk |
| 18-07-24 | 63029 | 18.91 | 8.14 | 24.79 | | 102 | CM | Bulk |
| 20-12-19 | 63030 | 19.49 | 12.62 | 20.89 | | 101 | CM | Bulk |
| 21-15-20 | 62455 | 21.01 | 15.32 | 19.89 | | 99 | CM | Bulk |
| 21-15-20 | 62749 | 22.27 | 16.50 | 19.16 | | 104 | CM | Bulk |
| 46-00-00 | 62456 | 46.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.64 | 103.14 | 100.44 | | | | |
| ALL SAMPLES,CV % | | 3.55 | 2.37 | 3.04 | | | | |
| NUMBER OF ANALYSIS | | 13 | 8 | 13 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| BOYD FARM CTR. CROFTON KY 42217 | | | | | | | | |
| 13-23-23 | 62596 | 14.37 | 23.90 | 23.32 | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| BRYANT, OTIS & SON CANEYVILLE KY 42721 | | | | | | | | |
| 06-13-40 | 61832 | 7.15 | 13.75 | 40.18 | | 101 | CM | Bulk |
| 10-25-26 | 61824 | 10.00 | 25.77 | 26.69 | | 100 | CM | Bulk |
| 10-25-26 | 61825 | 10.66 | 27.75 | 25.41 | | 104 | CM | Bulk |
| 17-17-17 | 61985 | 18.27 | 17.92 | 19.28 | | 102 | CM | Bulk |
| 19-19-19 | 61827 | 20.54 | 19.05 | 18.86 | | 101 | CM | Bulk |
| 19-19-19 | 61828 | 19.85 | 18.15 | 20.38 | | 100 | CM | Bulk |
| 19-19-19 | 61829 | 20.51 | 19.26 | 18.67 | | 101 | CM | Bulk |
| 19-19-19 | 61830 | 20.12 | 20.48 | 19.11 | | 104 | CM | Bulk |
| 19-19-19 | 61831 | 19.83 | 19.18 | 19.69 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 20.17 | 19.22 | 19.34 | | 101.4 | | |
| CV, % | | 1.7 | 4.32 | 3.6 | | | | |
| 39-05-05 | 61826 | 39.23 | 4.86 | 5.72 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.88 | 99.76 | 102.04 | | | | |
| ALL SAMPLES,CV % | | 2.35 | 3.93 | 5.23 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| C F FARM SUPPLY, INC. HISEVILLE KY 42152 | | | | | | | | |
| 00-00-60 | 60655 | 0.00 | 0.00 | 60.16 | | 100 | Mat | Bulk |
| 04-10-43 | 61054+ | 3.82 * | 9.60 * | 45.99 | | 98 | CM | Bulk |
| 06-06-06 | 61062 | 7.63 | 7.97 | 8.25 | | 123 | CM | Bulk |
| 10-08-33 | 61057+ | 11.01 | 8.96 | 33.35 | | 102 | CM | Bulk |
| 11-23-23 | 61058 | 12.00 | 22.69 | 23.60 | | 100 | CM | Bulk |
| 17-43-00 | 61056+ | 17.07 | 43.33 | 0.00 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-----|------|------|
| C F FARM SUPPLY, INC. HISEVILLE KY 42152 | | | | | | | | |
| 19-19-19 | 61059 | 19.85 | 19.07 | 19.81 | | 101 | CM | Bulk |
| 23-11-11 | 61055 | 23.48 | 13.00 | 11.40 | | 103 | CM | Bulk |
| 24-13-13 | 61061+ | 24.24 | 14.20 | 14.26 | | 102 | CM | Bulk |
| 25-15-15 | 61053 | 25.60 | 15.34 | 15.36 | | 102 | CM | Bulk |
| 27-13-13 | 61060 | 27.49 | 12.89 | 13.59 | | 99 | CM | Bulk |
| 34-00-00 | 60653 | 33.48 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 46-00-00 | 60654 | 45.94 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.46 | 102.59 | 104.07 | | | | |
| ALL SAMPLES,CV % | | 6.64 | 9.79 | 8.67 | | | | |
| NUMBER OF ANALYSIS | | 12 | 10 | 10 | | | | |
| Deficiency Rate = 7.69 % | | | | | | | | |
| C F INDUSTRIES LONG GROVE IL 60047 | | | | | | | | |
| 18-46-00 | 62191 | 17.48 | 45.94 | 0.00 | | 99 | Mat | Bulk |
| 32-00-00 | 62597 | 31.88 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 46-00-00 | 62195 | 46.01 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62354 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| CAMERON CHEMICALS, INC. PORTSMOUTH VA 23704 | | | | | | | | |
| 00-00-00 | 61011+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61115+ | 0.00 | 0.00 | 0.00 | | | Mnfr | Bulk |
| 00-00-00 | 61227+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61586+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61587+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 62363+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 63363+ | 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 | | | | |
| 03-00-00 | 60823+ | 2.94 | 0.00 | 0.00 | | 98 | Mnfr | Bulk |
| CAMPBELLSVILLE CROP SVC. CAMPBELLSVILLE KY 42719 | | | | | | | | |
| 08-21-32 | 62768 | 8.27 | 21.84 | 31.53 | | 100 | CM | Bulk |
| 08-21-32 | 62771 | 8.00 | 20.92 | 32.66 | | 99 | CM | Bulk |
| 13-08-12 | 63246 | 13.11 | 7.39 | 13.71 | | 99 | CM | Bulk |
| 16-19-19 | 62769 | 17.26 | 18.68 | 19.52 | | 101 | CM | Bulk |
| 17-13-16 | 62770+ | 17.22 | 12.90 | 16.62 | | 100 | CM | Bulk |
| 18-11-16 | 63247 | 17.28 | 12.55 | 18.78 | | 104 | CM | Bulk |
| 24-09-09 | 63248 | 23.98 | 10.11 | 10.69 | | 101 | CM | Bulk |
| 24-09-09 | 63249 | 23.83 | 9.67 | 11.64 | | 101 | CM | Bulk |
| CASH VARIETY STORE LORETTO KY 40037 | | | | | | | | |
| 00-00-60 | 61527 | 0.00 | 0.00 | 60.67 | | 101 | Mat | Bulk |
| 06-06-05 | 63024 | 6.93 | 6.68 | 5.90 | | 110 | CM | Bulk |
| 18-46-00 | 61528 | 18.01 | 45.31 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 61526 | 45.88 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|----------------------|--------|--------|-------|-----|-------|------|
| ----- | | | | | | | | |
| CASH VARIETY STORE | | LORETTO KY 40037 | | | | | | |
| ----- | | | | | | | | |
| CECILIA FARM SVC INC. | | CECILIA KY 42724 | | | | | | |
| 00-00-60 | 60585 | 0.00 | 0.00 | 60.49 | | 101 | Mat | Bulk |
| 00-46-00 | 60584 | 0.00 | 46.63 | 0.00 | | 101 | Mat | Bulk |
| 07-20-30 | 61214+ | 8.07 | 20.26 | 30.89 | | 101 | CM | Bulk |
| 09-24-28 | 60378 | 9.37 | 23.28 | 29.12 | | 99 | CM | Bulk |
| 10-26-25 | 60374 | 10.12 | 25.68 | 25.59 | | 99 | CM | Bulk |
| 18-18-18 | 61215 | 18.82 | 19.90 | 18.19 | | 102 | CM | Bulk |
| 18-46-00 | 60586 | 17.80 | 45.67 | 0.00 | | 99 | Mat | Bulk |
| 19-18-19 | 60375 | 19.25 | 18.12 | 18.94 | | 99 | CM | Bulk |
| 19-18-19 | 60376 | 18.87 | 18.80 | 19.80 | | 100 | CM | Bulk |
| 19-18-19 | 60377 | 19.41 | 18.51 | 19.08 | | 100 | CM | Bulk |
| 19-19-19 | 61469 | 19.95 | 20.45 | 19.43 | | 103 | CM | Bulk |
| 19-19-19 | 61470 | 20.04 | 20.80 | 18.53 | | 103 | CM | Bulk |
| 19-24-14 | 61468 | 19.79 | 23.49 | 15.38 | | 99 | CM | Bulk |
| 46-00-00 | 60587 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.83 | 99.97 | 100.49 | | | | |
| ALL SAMPLES,CV % | | 1.69 | 4.15 | 2.62 | | | | |
| NUMBER OF ANALYSIS | | 12 | 12 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CEN FARMERS SUP. OF GREEN | | GREENSBURG KY 42743 | | | | | | |
| 00-46-00 | 60613 | 0.00 | 44.78 | 0.00 | | 97 | Mat | Bulk |
| 02-11-11 | 60532 | 3.72 | 11.12 | 11.26 | | 104 | CM | Bulk |
| 09-19-28 | 62681 | 10.08 | 19.18 | 26.58 | * | 101 | CM | Bulk |
| 14-14-23 | 61039 | 13.95 | 15.87 | 24.76 | | 105 | CM | Bulk |
| 17-06-32 | 61034 | 17.34 | 7.48 | 32.38 | | 102 | CM | Bulk |
| 17-17-17 | 61038 | 17.63 | 19.08 | 17.19 | | 102 | CM | Bulk |
| 19-19-19 | 61032 | 19.79 | 21.19 | 18.28 | | 103 | CM | Bulk |
| 19-19-19 | 61033 | 19.40 | 21.29 | 19.59 | | 104 | CM | Bulk |
| 19-19-19 | 61036 | 19.32 | 19.43 | 19.82 | | 101 | CM | Bulk |
| 20-20-10 | 61041 | 20.04 | 22.24 | 11.19 | | 102 | CM | Bulk |
| 23-15-16 | 61040 | 24.33 | 17.02 | 15.76 | | 103 | CM | Bulk |
| 24-15-15 | 61035 | 24.66 | 15.93 | 15.88 | | 101 | CM | Bulk |
| 25-09-09 | 62680 | 25.88 | 9.47 | 8.72 | | 101 | CM | Bulk |
| 26-14-14 | 62682 | 26.97 | 14.83 | 14.16 | | 102 | CM | Bulk |
| 31-00-19 | 61037 | 31.96 | 0.00 | 19.70 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.31 | 104.68 | 99.64 | | | | |
| ALL SAMPLES,CV % | | 8.16 | 4.47 | 4.06 | | | | |
| NUMBER OF ANALYSIS | | 14 | 14 | 14 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CERES ENVIRONMENTAL SOLUTIONS | | VAUDREUIL QC J7V 5V5 | | | | | | |
| 05-05-05 | 60102+ | 5.30 | 5.71 | 6.11 | | 113 | Blend | Bag |
| 05-05-05 | 60141+ | 5.35 | 5.59 | 6.02 | | 112 | Blend | Bag |
| 05-05-05 | 60890+ | 6.00 | 5.85 | 5.61 | | 117 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|----------------------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| CERES ENVIRONMENTAL SOLUTIONS | | VAUDREUIL QC J7V 5V5 | | | | | | |
| 05-05-05 | 61430+ | 5.77 | 4.96 | 5.83 | | 109 | Blend | Bag |
| 05-05-05 | 61897+ | 5.99 | 5.20 | 5.62 | | 112 | Blend | Bag |
| 05-05-05 | 62159+ | 4.95 | 5.79 | 6.38 | | 111 | Blend | Bag |
| 05-05-05 | 62791+ | 4.92 | 5.89 | 5.46 | | 108 | Blend | Bag |
| Statistical Analysis for Grade : 05-05-05 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 5.47 | 5.57 | 5.86 | | 111.9 | | |
| CV, % | | 8.37 | 6.38 | 5.57 | | | | |
| 06-14-12 | 62790+ | 6.35 | 13.52 | 13.09 | | 102 | Mnfr | Bag |
| ----- | | | | | | | | |
| CHEMSICO, DIV OF UNITED INDUSTRIES | | ST. LOUIS MO 63114 | | | | | | |
| 10-06-04 | 60881 | 10.54 | 5.79 | 3.74 | | 101 | Blend | Bag |
| 10-06-04 | 61201 | 13.23 | 5.33 | 4.87 | | 117 | Blend | Bag |
| 10-06-04 | 61564 | 9.04 * | 5.82 | 4.36 | | 95 * | Blend | Bag |
| 10-06-04 | 62016 | 14.76 | 6.35 | 4.43 | | 130 | Blend | Bag |
| 10-10-10 | 60035 | 9.34 | 8.99 * | 9.29 | | 92 * | Blend | Bag |
| 10-10-10 | 60056 | 8.40 * | 8.14 * | 11.48 | | 91 * | Blend | Bag |
| 10-10-10 | 60057 | 8.62 * | 9.86 | 9.47 | | 92 * | Blend | Bag |
| 10-10-10 | 60090 | 7.27 * | 7.13 * | 12.03 | | 85 * | Blend | Bag |
| 10-10-10 | 60127 | 10.26 | 10.23 | 9.72 | | 101 | Blend | Bag |
| 10-10-10 | 60128 | 8.82 * | 9.40 | 8.03 * | | 88 * | Blend | Bag |
| 10-10-10 | 60168 | 8.57 * | 9.19 | 10.13 | | 92 * | Blend | Bag |
| 10-10-10 | 60292 | 7.75 * | 8.81 * | 8.71 * | | 83 * | Blend | Bag |
| 10-10-10 | 60293 | 9.67 | 9.41 | 9.46 | | 95 * | Blend | Bag |
| 10-10-10 | 60414 | 14.45 | 16.13 | 15.00 | | 151 | Blend | Bag |
| 10-10-10 | 60522 | 6.92 * | 7.77 * | 10.77 | | 82 * | Blend | Bag |
| 10-10-10 | 61257 | 9.79 | 10.47 | 11.36 | | 104 | Blend | Bag |
| 10-10-10 | 61438 | 9.35 | 9.01 * | 9.08 * | | 92 * | Blend | Bag |
| 10-10-10 | 61902 | 7.64 * | 6.18 * | 11.81 | | 79 * | Blend | Bag |
| 10-10-10 | 62017 | 7.75 * | 7.83 * | 11.50 | | 86 * | Blend | Bag |
| 10-10-10 | 62073 | 10.00 | 9.87 | 11.48 | | 103 | Blend | Bag |
| 10-10-10 | 62244 | 10.53 | 10.17 | 9.85 | | 102 | Blend | Bag |
| 10-10-10 | 62245 | 10.04 | 10.84 | 12.31 | | 108 | Blend | Bag |
| 10-10-10 | 62444 | 8.81 * | 7.79 * | 8.42 * | | 83 * | Blend | Bag |
| 10-10-10 | 62673 | 9.34 | 8.03 * | 10.97 | | 92 * | Blend | Bag |
| 10-10-10 | 62674 | 9.08 * | 8.87 * | 11.20 | | 94 * | Blend | Bag |
| 10-10-10 | 62881 | 11.01 | 13.79 | 13.28 | | 126 | Blend | Bag |
| 10-10-10 | 62885 | 10.03 | 8.92 * | 12.57 | | 101 | Blend | Bag |
| 10-10-10 | 62886 | 9.07 * | 8.96 * | 10.37 | | 93 * | Blend | Bag |
| 10-10-10 | 62887 | 10.22 | 10.24 | 10.35 | | 103 | Blend | Bag |
| 10-10-10 | 63042 | 9.77 | 8.10 * | 9.12 * | | 90 * | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 26 | | | | | | | | |
| Average Analysis : | | 9.33 | 9.39 | 10.68 | | 96.5 | | |
| CV, % | | 15.85 | 21.3 | 15.15 | | | | |
| 10-12-12 | 61614+ | 9.90 | 12.08 | 11.92 | | 100 | Blend | Liq |
| 10-52-10 | 60142+ | 10.88 | 52.19 | 10.38 | | 102 | Blend | Bag |
| 12-12-12 | 60095 | 16.25 | 11.68 | 12.86 | | 117 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|----------------------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| CHEMSICO, DIV OF UNITED INDUSTRIES | | ST. LOUIS MO 63114 | | | | | | |
| 12-12-12 | 60104 | 12.50 | 11.38 | 10.59 * | | 97 | Blend | Bag |
| 13-13-13 | 60126 | 12.85 | 13.06 | 12.80 | | 99 | Blend | Bag |
| 15-30-15 | 60029+ | 17.03 | 31.38 | 15.53 | | 107 | Blend | Bag |
| 16-04-08 | 60129 | 11.79 * | 3.46 | 12.08 | | 91 * | Blend | Bag |
| 16-04-08 | 62243 | 19.15 | 4.28 | 8.40 | | 115 | Blend | Bag |
| 17-17-17 | 61560+ | 18.92 | 18.96 | 18.95 | | 111 | Blend | Bag |
| 20-05-10 | 60998 | 20.10 | 6.15 | 8.99 * | | 102 | Blend | Bag |
| 20-05-10 | 61200 | 18.20 * | 4.21 * | 10.22 | | 92 * | Blend | Bag |
| 20-05-10 | 62074 | 21.26 | 7.65 | 9.89 | | 113 | Blend | Bag |
| 20-05-10 | 62679 | 19.36 | 6.82 | 16.17 | | 114 | Blend | Bag |
| 20-27-05 | 61365+ | 19.98 | 26.58 | 5.08 | | 99 | Blend | Bag |
| 24-03-12 | 60453+ | 22.46 | 2.81 | 13.94 | | 99 | Mnfr | Bag |
| 24-08-16 | 61435+ | 25.67 | 9.18 | 16.78 | | 108 | Blend | Bag |
| 24-08-16 | 61559+ | 25.67 | 8.79 | 16.52 | | 107 | Blend | Bag |
| 24-08-16 | 62652+ | 24.98 | 9.39 | 17.04 | | 107 | Blend | Bag |
| 24-08-16 | 62812+ | 25.24 | 8.87 | 17.00 | | 107 | Blend | Bag |
| 24-08-16 | 62883+ | 25.43 | 8.39 | 17.06 | | 106 | Blend | Bag |
| 24-08-16 | 63294+ | 24.47 | 8.86 | 17.22 | | 105 | Blend | Bag |
| Statistical Analysis for Grade : 24-08-16 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 25.24 | 8.91 | 16.94 | | 106.5 | | |
| CV, % | | 1.83 | 3.86 | 1.47 | | | | |
| 28-03-03 | 61429 | 27.80 | 3.91 | 4.25 | | 104 | Blend | Bag |
| 28-03-03 | 61439 | 29.17 | 3.39 | 3.03 | | 105 | Blend | Bag |
| 28-03-03 | 61556 | 29.91 | 3.34 | 3.26 | | 107 | Blend | Bag |
| 29-03-03 | 61363 | 29.20 | 2.54 | 2.71 | | 99 | Blend | Bag |
| 29-03-04 | 61555+ | 29.44 | 1.86 * | 4.42 | | 99 | Blend | Bag |
| 30-03-03 | 60454+ | 23.30 * | 3.37 | 2.85 | | 81 * | Blend | Bag |
| 30-10-10 | 60055+ | 31.02 | 10.74 | 10.21 | | 104 | Blend | Bag |
| 34-00-00 | 60185 | 34.03 | 0.00 | 0.00 | | 100 | Blend | Bag |
| 36-03-04 | 61364 | 37.68 | 3.08 | 3.37 * | | 104 | Blend | Bag |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.70 | 100.22 | 107.10 | | | | |
| ALL SAMPLES,CV % | | 15.32 | 18.76 | 15.09 | | | | |
| NUMBER OF ANALYSIS | | 60 | 59 | 59 | | | | |
| Deficiency Rate = 43.33 % | | | | | | | | |
| ----- | | | | | | | | |
| CLARKS GROCERY | | ROCKHOLD KY 40759 | | | | | | |
| 12-24-24 | 62669 | 12.37 | 24.86 | 25.19 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| CLEMMENTS AG SUPP. | | SPRINGFIELD KY 40069 | | | | | | |
| 00-00-60 | 61533 | 0.00 | 0.00 | 60.76 | | 101 | Mat | Bulk |
| 18-46-00 | 61534 | 17.83 | 45.44 | 0.00 | | 99 | Mat | Bulk |
| 29-00-20 | 62843 | 31.48 | 0.00 | 21.04 | | 105 | CM | Bulk |
| 46-00-00 | 60590 | 45.30 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 46-00-00 | 60591 | 44.09 * | 0.00 | 0.00 | | 96 * | Mat | Bulk |
| ----- | | | | | | | | |
| CORBIN FARM/GARDEN CTR. | | CORBIN KY 40701 | | | | | | |
| 10-10-10 | 63079 | 7.32 * | 8.36 * | 10.54 | | 84 * | Blend | Bag |
| ----- | | | | | | | | |
| CRITTENDEN FARM SUPP. | | MARION KY 42064 | | | | | | |
| 00-00-60 | 62293 | 0.00 | 0.00 | 60.16 | | 100 | Mat | Bulk |
| 06-16-39 | 62288 | 5.77 | 14.88 | 41.11 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|------|------|
| CRITTENDEN FARM SUPP. MARION KY 42064 | | | | | | | | |
| 10-26-22 | 62294 | 10.33 | 26.33 | 23.12 | | 100 | CM | Bulk |
| 13-34-15 | 62289 | 13.51 | 35.02 | 15.15 | | 101 | CM | Bulk |
| 18-17-22 | 62287 | 18.41 | 17.34 | 21.90 | | 100 | CM | Bulk |
| 18-46-00 | 62292 | 18.16 | 46.31 | 0.00 | | 101 | Mat | Bulk |
| 24-15-16 | 62290 | 24.34 | 16.03 | 15.84 | | 101 | CM | Bulk |
| 46-00-00 | 62291 | 45.93 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| CROP PRODUCTION SVC INC (CAD) CADIZ KY 42211 | | | | | | | | |
| 06-31-23 | 60443 | 6.72 | 31.43 | 24.86 | | 102 | CM | Bulk |
| 06-31-24 | 60444 | 6.61 | 30.51 | 25.60 | | 101 | CM | Bulk |
| 10-08-14 | 63133+ | 9.81 | 8.90 | 16.11 | | 102 | CM | Bulk |
| 10-08-27 | 63132+ | 9.61 | 8.95 | 29.16 | | 101 | CM | Bulk |
| 10-26-25 | 61793 | 10.90 | 26.49 | 25.23 | | 101 | CM | Bulk |
| 10-26-25 | 61794 | 10.49 | 26.87 | 25.28 | | 101 | CM | Bulk |
| 10-26-26 | 61774 | 9.38 | 24.92 | 27.66 | | 98 | CM | Bulk |
| 10-28-23 | 61775 | 10.97 | 29.10 | 22.48 | | 101 | CM | Bulk |
| 10-28-23 | 61777 | 10.90 | 28.74 | 23.12 | | 101 | CM | Bulk |
| 29-11-11 | 62546 | 29.03 | 12.60 | 11.92 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.63 | 101.10 | 102.40 | | | | |
| ALL SAMPLES,CV % | | 4.12 | 2.91 | 4.03 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC INC (CLA) CLARKSON KY 42726 | | | | | | | | |
| 05-13-17 | 60487 | 5.99 | 14.04 | 17.54 | | 107 | CM | Bulk |
| 05-14-18 | 60488 | 6.08 | 14.46 | 18.72 | | 103 | CM | Bulk |
| 05-14-18 | 60489 | 6.15 | 14.63 | 20.30 | | 105 | CM | Bulk |
| 18-19-20 | 61741 | 20.14 | 18.94 | 19.23 | | 101 | CM | Bulk |
| 19-19-20 | 61735 | 19.49 | 19.14 | 19.57 | | 101 | CM | Bulk |
| 19-19-20 | 61736 | 19.54 | 18.97 | 20.19 | | 101 | CM | Bulk |
| 19-19-20 | 61737 | 19.24 | 18.62 | 20.53 | | 100 | CM | Bulk |
| 19-19-20 | 61738 | 19.49 | 18.81 | 20.09 | | 101 | CM | Bulk |
| 19-19-20 | 61739 | 18.49 | 19.65 | 20.18 | | 100 | CM | Bulk |
| 19-19-20 | 61740 | 18.98 | 19.18 | 20.33 | | 100 | CM | Bulk |
| 19-19-20 | 61742 | 19.87 | 19.33 | 19.72 | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-20 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 19.30 | 19.10 | 20.09 | | 100.7 | | |
| CV, % | | 2.33 | 1.78 | 1.67 | | | | |
| 21-15-20 | 61743 | 21.67 | 14.79 | 20.45 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.16 | 100.63 | 100.90 | | | | |
| ALL SAMPLES,CV % | | 5 | 2.65 | 2.85 | | | | |
| NUMBER OF ANALYSIS | | 12 | 12 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC INC (CLA) CLAY KY 42404-2167 | | | | | | | | |
| 09-23-30 | 62508 | 9.10 | 23.29 | 30.52 | | 101 | CM | Bulk |
| 15-26-18 | 62510 | 15.67 | 27.35 | 18.55 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|-------|-------|-------|-------|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC (CLA) CLAY KY 42404-2167 | | | | | | | | |
| 18-18-19 | 61666 | 19.10 | 18.25 | 20.11 | | 100 | CM | Bulk |
| 27-11-14 | 62506 | 26.10 | 12.71 | 16.48 | | 101 | CM | Bulk |
| 27-11-14 | 62507 | 25.93 | 13.03 | 16.59 | | 102 | CM | Bulk |
| 27-11-14 | 62509 | 28.00 | 12.05 | 16.72 | | 104 | CM | Bulk |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC (GAL) GALESBURG IL 61402-1467 | | | | | | | | |
| 00-00-00 | 62489+ | 0.00 | 0.00 | 0.00 | | | Mat | Bulk |
| 00-00-50 | 60531 | 0.00 | 0.00 | 51.14 | | 102 | Mat | Bulk |
| 00-00-50 | 62555 | 0.00 | 0.00 | 50.36 | | 101 | Mat | Bulk |
| 00-00-50 | 62710 | 0.00 | 0.00 | 51.57 | | 103 | Mat | Bulk |
| 00-00-50 | 62718 | 0.00 | 0.00 | 51.09 | | 102 | Mat | Bulk |
| 00-00-60 | 60347 | 0.00 | 0.00 | 59.52 | | 99 | Mat | Bulk |
| 00-00-60 | 60355 | 0.00 | 0.00 | 60.32 | | 101 | Mat | Bulk |
| 00-00-60 | 60499 | 0.00 | 0.00 | 60.40 | | 101 | Mat | Bulk |
| 00-00-60 | 60525 | 0.00 | 0.00 | 61.03 | | 102 | Mat | Bulk |
| 00-00-60 | 60595 | 0.00 | 0.00 | 60.23 | | 100 | Mat | Bulk |
| 00-00-60 | 60603 | 0.00 | 0.00 | 59.90 | | 100 | Mat | Bulk |
| 00-00-60 | 60607 | 0.00 | 0.00 | 60.90 | | 102 | Mat | Bulk |
| 00-00-60 | 60771 | 0.00 | 0.00 | 60.15 | | 100 | Mat | Bulk |
| 00-00-60 | 61926 | 0.00 | 0.00 | 60.71 | | 101 | Mat | Bulk |
| 00-00-60 | 61927 | 0.00 | 0.00 | 60.38 | | 101 | Mat | Bulk |
| 00-00-60 | 62031 | 0.00 | 0.00 | 60.46 | | 101 | Mat | Bulk |
| 00-00-60 | 62477 | 0.00 | 0.00 | 60.89 | | 101 | Mat | Bulk |
| 00-00-60 | 62557 | 0.00 | 0.00 | 60.37 | | 101 | Mat | Bulk |
| 00-00-60 | 62704 | 0.00 | 0.00 | 60.50 | | 101 | Mat | Bulk |
| 00-00-60 | 62708 | 0.00 | 0.00 | 60.70 | | 101 | Mat | Bulk |
| 00-00-60 | 62712 | 0.00 | 0.00 | 60.38 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 16 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.43 | | 100.7 | | |
| CV, % | | 0 | 0 | 0.63 | | | | |
| 00-45-00 | 62703 | 0.00 | 45.42 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 62711 | 0.00 | 45.99 | 0.00 | | 102 | Mat | Bulk |
| 00-46-00 | 60353 | 0.00 | 46.17 | 0.00 | | 100 | Mat | Bulk |
| 00-46-00 | 60527 | 0.00 | 45.90 | 0.00 | | 100 | Mat | Bulk |
| 00-46-00 | 60594 | 0.00 | 44.68 | 0.00 | | 97 | Mat | Bulk |
| 11-52-00 | 60309 | 10.92 | 50.75 | 0.00 | | 98 | Mat | Bulk |
| 11-52-00 | 60313 | 11.08 | 50.82 | 0.00 | | 98 | Mat | Bulk |
| 11-52-00 | 60323 | 10.93 | 50.80 | 0.00 | | 98 | Mat | Bulk |
| 11-52-00 | 60346 | 11.04 | 51.54 | 0.00 | | 99 | Mat | Bulk |
| 11-52-00 | 60497 | 11.32 | 53.16 | 0.00 | | 102 | Mat | Bulk |
| 11-52-00 | 62559 | 11.44 | 50.97 | 0.00 | | 99 | Mat | Bulk |
| Statistical Analysis for Grade : 11-52-00 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 11.12 | 51.34 | 0.00 | | 99.2 | | |
| CV, % | | 1.91 | 1.83 | 0 | | | | |
| 18-46-00 | 60354 | 17.66 | 45.74 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60498 | 17.76 | 46.27 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|-------|---------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC (GAL) GALESBURG IL 61402-1467 | | | | | | | | |
| 18-46-00 | 60526 | 17.91 | 45.53 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60593 | 17.74 | 46.78 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60602 | 17.77 | 46.24 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60608 | 17.68 | 46.35 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60770 | 17.88 | 46.53 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 61928 | 17.58 | 46.64 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61929 | 17.64 | 46.58 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62028 | 17.79 | 45.21 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 62030 | 16.85 | 43.34 * | 0.00 | | 94 * | Mat | Bulk |
| 18-46-00 | 62478 | 17.87 | 46.42 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62556 | 17.90 | 45.90 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62558 | 18.03 | 46.28 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62705 | 18.01 | 46.41 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 62709 | 17.64 | 45.46 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62713 | 17.52 | 46.64 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 17 | | | | | | | | |
| Average Analysis : | | 17.72 | 46.02 | 0.00 | | 99.6 | | |
| CV, % | | 1.51 | 1.8 | 0 | | | | |
| 27-00-00 | 62479 | 27.15 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 28-00-00 | 62037 | 28.00 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 28-00-00 | 62570 | 28.00 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 32-00-00 | 62767 | 31.88 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 46-00-00 | 60596 | 46.02 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60601 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60609 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60773 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61667 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62029 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62480 | 46.14 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62560 | 46.19 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62702 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62714 | 46.04 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 46-00-00 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 46.08 | 0.00 | 0.00 | | 100.2 | | |
| CV, % | | 0.21 | 0 | 0 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.51 | 99.77 | 100.99 | | | | |
| ALL SAMPLES,CV % | | 1.63 | 1.84 | 0.88 | | | | |
| NUMBER OF ANALYSIS | | 37 | 28 | 20 | | | | |
| Deficiency Rate = 1.59 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC (HEN) HENDERSON KY 42420 | | | | | | | | |
| 08-21-31 | 62564 | 8.31 | 21.18 | 33.09 | | 100 | CM | Bulk |
| 08-21-31 | 62565 | 8.15 | 21.21 | 33.05 | | 100 | CM | Bulk |
| 09-23-29 | 62562 | 8.94 | 23.55 | 30.55 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC (HEN) HENDERSON KY 42420 | | | | | | | | |
| 09-23-29 | 62563 | 9.09 | 23.23 | 30.54 | | 101 | CM | Bulk |
| 09-23-29 | 62566 | 8.77 | 23.50 | 29.62 | | 100 | CM | Bulk |
| 09-23-29 | 62567 | 9.14 | 23.63 | 29.33 | | 101 | CM | Bulk |
| 09-23-29 | 62568 | 8.55 | 23.07 | 30.82 | | 100 | CM | Bulk |
| 09-23-29 | 62569 | 9.02 | 23.67 | 29.73 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-29 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 8.92 | 23.44 | 30.10 | | 100.8 | | |
| CV, % | | 2.49 | 1.02 | 2.03 | | | | |
| 10-26-26 | 60311 | 9.81 | 25.37 | 26.79 | | 99 | CM | Bulk |
| 10-26-26 | 60312 | 9.87 | 25.62 | 26.85 | | 100 | CM | Bulk |
| 11-30-20 | 62561 | 12.13 | 31.06 | 20.11 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.67 | 100.48 | 101.50 | | | | |
| ALL SAMPLES,CV % | | 2.13 | 1.93 | 2.05 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC (HOD) HODGENVILLE KY 42748 | | | | | | | | |
| 00-13-38 | 61480+ | 0.00 | 12.91 | 39.99 | | 101 | CM | Bulk |
| 06-17-35 | 61479 | 7.31 | 17.93 | 35.78 | | 103 | CM | Bulk |
| 10-26-25 | 61419 | 10.59 | 27.18 | 25.73 | | 103 | CM | Bulk |
| 17-22-19 | 61481 | 18.44 | 22.63 | 19.84 | | 103 | CM | Bulk |
| 19-19-19 | 61132 | 19.67 | 19.88 | 19.62 | | 102 | CM | Bulk |
| 19-19-19 | 61482 | 20.16 | 19.61 | 19.73 | | 103 | CM | Bulk |
| 19-19-19 | 61638 | 19.70 | 19.55 | 19.84 | | 102 | CM | Bulk |
| 19-19-19 | 61639 | 20.19 | 19.47 | 19.63 | | 102 | CM | Bulk |
| 19-19-19 | 61640 | 19.22 | 19.03 | 20.55 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.79 | 19.51 | 19.87 | | 101.7 | | |
| CV, % | | 2.03 | 1.58 | 1.95 | | | | |
| 21-17-17 | 61637 | 22.54 | 18.86 | 17.23 | | 104 | CM | Bulk |
| 24-09-19 | 61636 | 24.90 | 10.12 | 20.19 | | 102 | CM | Bulk |
| 38-05-05 | 61420 | 40.48 | 5.79 | 5.19 | | 105 | CM | Bulk |
| 38-05-05 | 61478 | 40.66 | 5.28 | 4.96 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.50 | 102.30 | 100.87 | | | | |
| ALL SAMPLES,CV % | | 2.11 | 2.97 | 2.75 | | | | |
| NUMBER OF ANALYSIS | | 12 | 13 | 13 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| CROP PRODUCTION SVC INC (HOR) HORSECAVE KY 42749 | | | | | | | | |
| 05-14-38 | 61050+ | 5.77 | 14.22 | 38.73 | | 100 | CM | Bulk |
| 06-15-37 | 61471+ | 6.33 | 15.91 | 37.42 | | 102 | CM | Bulk |
| 10-26-26 | 61064 | 10.18 | 25.68 | 26.65 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|------|------|------|
| CROP PRODUCTION SVC INC (HOR) HORSECAVE KY 42749 | | | | | | | | |
| 14-22-22 | 61051 | 14.99 | 23.15 | 22.05 | | 101 | CM | Bulk |
| 16-19-22 | 61475 | 17.88 | 19.93 | 22.11 | | 103 | CM | Bulk |
| 17-17-17 | 61063 | 17.53 | 17.94 | 18.25 | | 102 | CM | Bulk |
| 18-18-18 | 61031 | 18.00 | 18.91 | 19.44 | | 101 | CM | Bulk |
| 19-19-19 | 61052 | 19.45 | 18.80 | 19.74 | | 99 | CM | Bulk |
| 26-21-08 | 61474 | 27.59 | 21.93 | 8.82 | | 103 | CM | Bulk |
| 27-13-13 | 61049 | 28.27 | 14.07 | 12.98 | | 102 | CM | Bulk |
| 28-12-12 | 61473 | 29.98 | 12.79 | 13.41 | | 104 | CM | Bulk |
| 33-16-00 | 61472 | 35.19 | 17.54 | 0.00 | | 106 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.54 | 101.49 | 101.04 | | | | |
| ALL SAMPLES,CV % | | 2.94 | 2.49 | 3.41 | | | | |
| NUMBER OF ANALYSIS | | 12 | 12 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC INC (MAD) MADISONVILLE KY 42431 | | | | | | | | |
| 08-22-30 | 62686 | 9.32 | 23.90 | 29.42 | | 102 | CM | Bulk |
| 09-23-30 | 62033 | 8.69 | 21.76 | 31.92 | | 99 | CM | Bulk |
| 09-23-30 | 62034 | 8.71 | 22.09 | 31.31 | | 99 | CM | Bulk |
| 09-23-30 | 62035 | 8.67 | 21.71 | 31.87 | | 99 | CM | Bulk |
| 09-23-30 | 62036 | 8.56 | 21.98 | 31.93 | | 99 | CM | Bulk |
| 09-23-30 | 62038 | 8.57 | 21.72 | 32.09 | | 99 | CM | Bulk |
| 09-23-30 | 62969 | 8.95 | 23.27 | 30.21 | | 101 | CM | Bulk |
| 09-23-30 | 62970 | 8.91 | 22.80 | 30.94 | | 100 | CM | Bulk |
| 09-23-30 | 62971 | 8.78 | 22.72 | 30.92 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 8.73 | 22.26 | 31.40 | | 99.4 | | |
| CV, % | | 1.64 | 2.67 | 2.12 | | | | |
| 19-19-19 | 62968 | 19.15 | 20.58 | 18.46 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.82 | 98.60 | 102.99 | | | | |
| ALL SAMPLES,CV % | | 2.59 | 4.63 | 3.98 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC INC (MOR) MORGANFIELD KY 42437 | | | | | | | | |
| 02-13-30 | 60273 | 3.38 | 14.08 | 31.62 | | 105 | CM | Bulk |
| 02-13-30 | 60310 | 3.32 | 13.66 | 31.29 | | 103 | CM | Bulk |
| 08-20-30 | 62484+ | 8.20 | 21.25 | 30.50 | | 102 | CM | Bulk |
| 08-20-30 | 62485+ | 8.23 | 20.75 | 31.18 | | 102 | CM | Bulk |
| 08-20-30 | 62486+ | 7.99 | 20.61 | 31.44 | | 101 | CM | Bulk |
| 08-21-32 | 62481 | 8.28 | 21.34 | 32.80 | | 100 | CM | Bulk |
| 08-21-32 | 62482 | 8.41 | 21.73 | 32.38 | | 101 | CM | Bulk |
| 09-15-31 | 62487 | 9.82 | 17.06 | 31.31 | | 103 | CM | Bulk |
| 09-15-31 | 62488 | 9.42 | 16.15 | 32.71 | | 102 | CM | Bulk |
| 10-16-26 | 62483+ | 10.45 | 16.34 | 27.99 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|--------|--------|--------|-------|-------|------|------|
| CROP PRODUCTION SVC INC (MOR) MORGANFIELD KY 42437 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.19 | 102.70 | 101.81 | | | | |
| ALL SAMPLES,CV % | | 7.55 | 2.42 | 1.78 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC INC (PEM) PEMBROKE KY 42266 | | | | | | | | |
| 05-26-26 | 60304 | 5.87 | 26.96 | 26.58 | | 100 | CM | Bulk |
| 06-16-14 | 60302 | 7.14 | 16.37 | 14.38 | | 102 | CM | Bulk |
| 06-16-14 | 60303 | 6.89 | 16.25 | 13.43 | | 99 | CM | Bulk |
| 08-21-21 | 61760 | 9.02 | 21.96 | 22.95 | | 103 | CM | Bulk |
| 08-41-12 | 60232 | 9.03 | 42.15 | 12.04 | | 101 | CM | Bulk |
| 08-41-12 | 60233 | 9.01 | 42.56 | 11.70 | | 102 | CM | Bulk |
| 10-27-24 | 60301 | 10.59 | 26.99 | 24.72 | | 100 | CM | Bulk |
| 11-28-23 | 61758 | 11.74 | 28.75 | 22.82 | | 102 | CM | Bulk |
| 24-22-09 | 61759 | 25.10 | 22.49 | 9.87 | | 101 | CM | Bulk |
| CROP PRODUCTION SVC INC (POO) POOLE KY 42444 | | | | | | | | |
| 09-23-30 | 60528 | 9.17 | 24.19 | 29.73 | | 102 | CM | Bulk |
| 09-23-30 | 60529 | 9.12 | 23.74 | 29.76 | | 101 | CM | Bulk |
| 09-23-30 | 60530 | 8.93 | 22.83 | 31.08 | | 101 | CM | Bulk |
| 09-23-30 | 62764 | 8.68 | 22.68 | 30.36 | | 99 | CM | Bulk |
| 09-23-30 | 62765 | 8.90 | 22.26 | 31.12 | | 99 | CM | Bulk |
| 09-23-30 | 63011 | 8.77 | 22.56 | 30.68 | | 99 | CM | Bulk |
| 09-23-30 | 63012 | 8.81 | 22.47 | 31.34 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 8.91 | 22.96 | 30.58 | | 100.3 | | |
| CV, % | | 2.02 | 3.13 | 2.14 | | | | |
| CROP PRODUCTION SVC INC (RUS) RUSSELLVILLE KY 42276 | | | | | | | | |
| 11-28-22 | 60256 | 11.26 | 27.56 | 23.41 | | 99 | CM | Bulk |
| 11-28-22 | 60257 | 11.33 | 28.07 | 22.39 | | 99 | CM | Bulk |
| 11-28-22 | 60258 | 11.62 | 28.16 | 22.17 | | 99 | CM | Bulk |
| 12-30-20 | 61836 | 11.84 | 31.31 | 19.31 | | 100 | CM | Bulk |
| 19-19-19 | 61837 | 19.32 | 19.66 | 18.28 | | 101 | CM | Bulk |
| 27-17-08 | 61118 | 27.48 | 18.99 | 9.17 | | 103 | CM | Bulk |
| 27-17-08 | 61119 | 28.36 | 18.82 | 8.59 | | 103 | CM | Bulk |
| 27-17-08 | 61833 | 27.59 | 18.53 | 8.98 | | 102 | CM | Bulk |
| 27-17-08 | 61834 | 27.18 | 18.15 | 9.80 | | 101 | CM | Bulk |
| 27-17-08 | 61835 | 28.19 | 17.02 | 9.48 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 27-17-08 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 27.76 | 18.30 | 9.20 | | 101.9 | | |
| CV, % | | 1.79 | 4.29 | 5.04 | | | | |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|---------|-------|-------|------|------|
| CROP PRODUCTION SVC INC (RUS) RUSSELLVILLE KY 42276 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.93 | 100.93 | 102.15 | | | | |
| ALL SAMPLES,CV % | | 1.66 | 3.94 | 5.21 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| CROP PRODUCTION SVC INC (WAV) WAVERLY KY 42462 | | | | | | | | |
| 03-15-18 | 60324 | 4.20 | 16.60 | 18.36 | | 106 | CM | Bulk |
| 03-15-18 | 60325 | 4.17 | 16.32 | 19.31 | | 108 | CM | Bulk |
| 03-15-18 | 60326 | 4.06 | 16.23 | 19.89 | | 108 | CM | Bulk |
| 03-15-18 | 60327 | 4.09 | 16.07 | 19.57 | | 107 | CM | Bulk |
| 03-15-18 | 60328 | 4.15 | 15.84 | 19.84 | | 108 | CM | Bulk |
| 03-15-18 | 60329 | 3.79 | 14.89 | 18.72 | | 101 | CM | Bulk |
| 03-15-18 | 60330 | 4.13 | 16.69 | 18.90 | | 107 | CM | Bulk |
| 03-15-18 | 60331 | 4.21 | 16.46 | 18.77 | | 107 | CM | Bulk |
| 03-15-18 | 60345 | 4.13 | 16.89 | 18.05 | | 106 | CM | Bulk |
| Statistical Analysis for Grade : 03-15-18 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 4.10 | 16.22 | 19.05 | | 106.4 | | |
| CV, % | | 3.09 | 3.66 | 3.4 | | | | |
| CUB RUN MILLING CO. CUB RUN KY 42729 | | | | | | | | |
| 09-09-09 | 61732 | 10.61 | 9.83 | 9.89 | | 111 | CM | Bulk |
| 09-23-30 | 61730 | 9.21 | 24.45 | 28.80 | | 102 | CM | Bulk |
| 11-24-24 | 61726 | 17.47 | 29.41 | 15.11 * | | 111 | CM | Bulk |
| 19-19-19 | 61725 | 21.03 | 20.21 | 17.24 * | | 103 | CM | Bulk |
| 19-19-19 | 61727 | 20.24 | 19.88 | 18.70 | | 102 | CM | Bulk |
| 19-19-19 | 61728 | 21.42 | 17.78 * | 18.58 | | 100 | CM | Bulk |
| 19-19-19 | 61729 | 19.89 | 18.06 | 20.25 | | 101 | CM | Bulk |
| 19-19-19 | 61731 | 19.71 | 19.08 | 19.65 | | 100 | CM | Bulk |
| 19-19-19 | 61733 | 21.07 | 18.20 | 18.69 | | 101 | CM | Bulk |
| 19-19-19 | 61734 | 19.39 | 18.81 | 20.48 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 20.39 | 18.86 | 19.08 | | 101.0 | | |
| CV, % | | 3.83 | 4.92 | 5.9 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 110.27 | 101.78 | 95.52 | | | | |
| ALL SAMPLES,CV % | | 12.27 | 7.99 | 14.16 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 30.00 % | | | | | | | | |
| DABNEY FEED SUPP BROADHEAD KY 40409 | | | | | | | | |
| 07-17-35 | 61016+ | 7.19 | 19.53 | 36.59 | | 106 | CM | Bulk |
| 07-17-35 | 61025+ | 6.70 | 18.50 | 35.62 | | 101 | CM | Bulk |
| 08-22-29 | 61026 | 8.19 | 23.78 | 29.23 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| DABNEY FEED SUPP BROADHEAD KY 40409 | | | | | | | | |
| 19-19-19 | 61017 | 19.06 | 18.77 | 21.52 | | 100 | CM | Bulk |
| 19-19-19 | 61024 | 17.90 | 18.34 | 20.96 | | 98 | CM | Bulk |
| ----- | | | | | | | | |
| DABNEY FEED SUPP SOMERSET KY 42503 | | | | | | | | |
| 00-00-60 | 61022 | 0.00 | 0.00 | 61.91 | | 103 | Mat | Bulk |
| 00-00-60 | 61028 | 0.00 | 0.00 | 59.94 | | 100 | Mat | Bulk |
| 18-46-00 | 61021 | 17.63 | 45.40 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 61027 | 17.62 | 45.20 | 0.00 | | 98 | Mat | Bulk |
| 32-02-00 | 61023 | 32.03 | 2.97 | 0.00 | | 103 | Mnfr | Bulk |
| 32-02-00 | 61029 | 31.86 | 2.93 | 0.00 | | 102 | Mnfr | Bulk |
| 46-00-00 | 61020 | 46.01 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| DOMESTIC FERTILIZER INC. PARIS KY 40361 | | | | | | | | |
| 11-05-07 | 61202 | 14.11 | 7.60 | 10.23 | | 138 | Blend | Bag |
| 15-07-06 | 61203 | 16.58 | 8.35 | 6.81 | | 113 | Blend | Bag |
| ----- | | | | | | | | |
| DRAKES FARM SVC. MORGANTOWN KY 42261-0308 | | | | | | | | |
| 08-22-30 | 61942 | 8.67 | 22.47 | 31.47 | | 100 | CM | Bulk |
| 09-23-30 | 62331 | 9.09 | 23.53 | 30.01 | | 101 | CM | Bulk |
| 09-23-30 | 62332 | 8.99 | 23.96 | 29.47 | | 101 | CM | Bulk |
| 16-18-24 | 61944 | 16.38 | 17.23 | 25.39 | | 99 | CM | Bulk |
| 19-19-19 | 61941 | 19.93 | 19.19 | 19.84 | | 101 | CM | Bulk |
| 19-19-19 | 61943 | 19.13 | 19.81 | 20.57 | | 102 | CM | Bulk |
| 19-19-19 | 61945 | 20.09 | 17.84 * | 20.95 | | 100 | CM | Bulk |
| 19-19-19 | 61946 | 20.12 | 19.34 | 18.75 | | 101 | CM | Bulk |
| 19-19-19 | 62333 | 19.43 | 18.97 | 19.88 | | 100 | CM | Bulk |
| 19-19-19 | 62334 | 20.31 | 19.68 | 18.65 | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 19.84 | 19.14 | 19.77 | | 101.0 | | |
| CV, % | | 2.3 | 3.69 | 4.71 | | | | |
| 26-00-26 | 62329 | 27.80 | 0.00 | 24.11 * | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.81 | 99.19 | 101.14 | | | | |
| ALL SAMPLES,CV % | | 2.83 | 3.88 | 4.8 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 11 | | | | |
| Deficiency Rate = 18.18 % | | | | | | | | |
| ----- | | | | | | | | |
| DREXEL CHEMICAL CO. MEMPHIS TN 38113-0327 | | | | | | | | |
| 00-00-00 | 61014+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61019+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61083+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61341+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61348+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61538+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61539+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61594+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61602+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|-------|-------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| DREXEL CHEMICAL CO. MEMPHIS TN 38113-0327 | | | | | | | | |
| 00-00-00 | 62898+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 62989+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| Statistical Analysis for Grade : 00-00-00 | | | | | | | | |
| Number of Samples This Grade : 11 | | | | | | | | |
| Average Analysis : | | | | | | | | |
| | | 0.00 | 0.00 | 0.00 | | 0.0 | | |
| CV, % | | 0 | 0 | 0 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR 0.00 0.00 0.00 | | | | | | | | |
| ALL SAMPLES, CV % 0 0 0 | | | | | | | | |
| NUMBER OF ANALYSIS 1 1 1 | | | | | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| EASY GARDNER WACO TX 76702-1025 | | | | | | | | |
| 08-24-08 | 61325+ | 10.70 | 25.51 | 9.61 | | 114 | Mnfr | Bag |
| 10-20-20 | 62671 | 11.35 | 23.33 | 19.97 | | 112 | Mnfr | Bag |
| 12-16-12 | 60456 | 15.60 | 24.02 | 8.75 * | | 123 | Mnfr | Bag |
| 12-16-12 | 61554 | 13.92 | 15.87 | 13.90 | | 108 | Mnfr | Bag |
| 13-04-05 | 62675+ | 14.82 | 5.29 | 7.79 | | 125 | Mnfr | Bag |
| ----- | | | | | | | | |
| EIGHTY EIGHT FETILIZER CO., INC. EIGHTY EIGHT KY 42130 | | | | | | | | |
| 09-23-30 | 60951 | 9.03 | 22.29 | 31.49 | | 100 | CM | Bulk |
| 12-24-24 | 60950 | 11.91 | 24.84 | 24.94 | | 101 | CM | Bulk |
| 16-25-15 | 60953 | 16.64 | 27.10 | 14.85 | | 103 | CM | Bulk |
| 19-19-19 | 60952 | 18.75 | 19.33 | 21.21 | | 101 | CM | Bulk |
| 19-19-19 | 60954 | 18.89 | 18.92 | 20.33 | | 99 | CM | Bulk |
| 19-19-19 | 60955 | 19.42 | 18.44 | 20.26 | | 99 | CM | Bulk |
| 19-19-19 | 61401 | 20.02 | 19.90 | 19.00 | | 102 | CM | Bulk |
| 19-19-19 | 61402 | 19.50 | 19.09 | 19.48 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | | | | | | | |
| | | 19.32 | 19.14 | 20.06 | | 100.2 | | |
| CV, % | | 2.64 | 2.81 | 4.24 | | | | |
| 23-11-11 | 60956 | 23.18 | 11.52 | 12.04 | | 101 | CM | Bulk |
| 27-13-13 | 61400 | 26.92 | 14.60 | 14.88 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR 99.76 100.57 103.80 | | | | | | | | |
| ALL SAMPLES, CV % 2.04 3.86 3.82 | | | | | | | | |
| NUMBER OF ANALYSIS 10 10 10 | | | | | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| ELKTON CROP SVC. GUTHRIE KY 42234 | | | | | | | | |
| 09-23-30 | 62246 | 9.09 | 23.40 | 29.54 | | 101 | CM | Bulk |
| 10-27-24 | 60225 | 10.46 | 27.04 | 23.76 | | 98 | CM | Bulk |
| 10-27-24 | 60226 | 10.22 | 26.58 | 25.79 | | 100 | CM | Bulk |
| 11-30-20 | 60243 | 12.09 | 30.46 | 20.11 | | 100 | CM | Bulk |
| 11-30-20 | 60244 | 11.74 | 30.16 | 20.48 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| ELKTON CROP SVC. GUTHRIE KY 42234 | | | | | | | | |
| 11-30-20 | 60245 | 11.53 | 29.66 | 22.00 | | 101 | CM | Bulk |
| 11-30-20 | 60246 | 11.46 | 30.16 | 20.68 | | 99 | CM | Bulk |
| 15-21-18 | 61778 | 16.55 | 21.22 | 18.45 | | 101 | CM | Bulk |
| 15-21-18 | 61779 | 16.36 | 21.62 | 17.95 | | 101 | CM | Bulk |
| 15-21-18 | 61780 | 16.47 | 21.47 | 18.98 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.16 | 100.05 | 100.37 | | | | |
| ALL SAMPLES,CV % | | 3.17 | 1.8 | 3.62 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| ESPOMA CO. MILLVILLE NJ 08332 | | | | | | | | |
| 03-05-07 | 60064+ | 3.75 | 6.95 | 9.82 | | 136 | Blend | Bag |
| 04-06-04 | 61884+ | 4.46 | 6.21 | 4.32 | | 107 | Blend | Bag |
| 04-06-06 | 60101+ | 4.10 | 6.43 | 8.53 | | 117 | Blend | Bag |
| 04-06-06 | 61886+ | 4.23 | 6.82 | 10.10 | | 124 | Blend | Bag |
| 04-07-10 | 61887+ | 4.77 | 8.00 | 10.70 | | 113 | Blend | Bag |
| 04-07-10 | 63135+ | 4.69 | 8.51 | 10.30 | * | 113 | Blend | Bag |
| 04-10-06 | 61885+ | 4.15 | 10.62 | 7.96 | | 110 | Blend | Bag |
| 05-03-03 | 61883+ | 4.37 * | 7.00 | 5.54 | | 148 | Blend | Bag |
| 05-03-03 | 63136+ | 4.55 * | 3.78 | 5.27 | * | 121 | Blend | Bag |
| 06-06-04 | 60065+ | 6.36 | 7.41 | 5.08 | | 116 | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 106.93 | 128.82 | 138.83 | | | | |
| ALL SAMPLES,CV % | | 11.14 | 29.7 | 21.12 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 20.00 % | | | | | | | | |
| ----- | | | | | | | | |
| FARMERS FERTILIZER CO. SMITHS GROVE KY 42171 | | | | | | | | |
| 14-14-14 | 61098 | 14.91 | 14.84 | 15.77 | | 102 | CM | Bulk |
| 18-18-18 | 61101 | 20.46 | 19.31 | 17.21 | | 103 | CM | Bulk |
| 18-18-18 | 61103 | 19.31 | 19.50 | 17.73 | | 102 | CM | Bulk |
| 19-19-19 | 62121 | 19.47 | 19.95 | 19.42 | | 103 | CM | Bulk |
| 27-13-13 | 62123 | 27.47 | 14.78 | 13.44 | | 102 | CM | Bulk |
| 30-10-10 | 61097 | 31.67 | 9.93 | 10.63 | | 104 | CM | Bulk |
| 30-10-10 | 61099 | 31.30 | 11.10 | 10.85 | | 106 | CM | Bulk |
| 30-10-10 | 61100 | 30.81 | 11.29 | 11.21 | | 106 | CM | Bulk |
| 30-10-10 | 61102 | 31.36 | 10.06 | 11.65 | | 105 | CM | Bulk |
| 30-10-10 | 62122 | 28.99 | 11.20 | 13.42 | | 104 | CM | Bulk |
| Statistical Analysis for Grade : 30-10-10 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 30.83 | 10.72 | 11.55 | | 105.2 | | |
| CV, % | | 3.48 | 6.19 | 9.64 | | | | |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|--------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| FARMERS FERTILIZER CO. SMITHS GROVE KY 42171 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.84 | 105.42 | 108.10 | | | | |
| ALL SAMPLES,CV % | | 3.33 | 4.9 | 10.53 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| FARMERS FERTILIZER CO.(KELLY RD) BOWLING GREEN KY 42101 | | | | | | | | |
| 05-15-39 | 61232 | 5.68 | 14.17 | 41.10 | | 100 | CM | Bulk |
| 11-13-34 | 61495 | 11.17 | 12.57 | 36.15 | | 100 | CM | Bulk |
| 11-13-34 | 61496 | 11.59 | 12.90 | 35.97 | | 101 | CM | Bulk |
| 17-17-16 | 61228 | 16.66 | 16.33 | 18.07 | | 98 | CM | Bulk |
| 17-17-17 | 61230 | 17.50 | 16.85 | 18.50 | | 100 | CM | Bulk |
| 18-18-18 | 61231 | 19.15 | 17.56 | 18.99 | | 101 | CM | Bulk |
| 20-23-15 | 61223 | 20.14 | 23.70 | 15.35 | | 101 | CM | Bulk |
| 24-13-17 | 61494 | 26.63 | 12.23 | 18.18 | | 103 | CM | Bulk |
| 25-18-12 | 61229 | 24.86 | 19.14 | 13.20 | | 101 | CM | Bulk |
| 30-10-10 | 61222 | 29.77 | 10.03 | 10.56 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.20 | 97.26 | 106.08 | | | | |
| ALL SAMPLES,CV % | | 3.66 | 4.04 | 2.07 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| FARMERS FERTILIZER CO.(NASH. RD) BOWLING GREEN KY 42101 | | | | | | | | |
| 09-23-30 | 61487 | 8.38 | 22.60 | 31.07 | | 99 | CM | Bulk |
| 10-10-10 | 61486 | 11.23 | 11.63 | 11.15 | | 114 | CM | Bulk |
| 14-18-24 | 61492 | 14.93 | 18.10 | 25.66 | | 101 | CM | Bulk |
| 19-19-19 | 61484 | 20.52 | 18.70 | 20.06 | | 104 | CM | Bulk |
| 19-19-19 | 61490 | 20.43 | 18.34 | 19.70 | | 102 | CM | Bulk |
| 19-19-19 | 61493 | 19.44 | 19.47 | 19.00 | | 102 | CM | Bulk |
| 21-15-20 | 61488 | 22.30 | 15.53 | 20.13 | | 103 | CM | Bulk |
| 27-15-11 | 61491 | 29.33 | 15.45 | 12.43 | | 104 | CM | Bulk |
| 30-10-10 | 61485 | 31.75 | 9.82 | 9.76 | | 103 | CM | Bulk |
| 32-09-09 | 61489 | 34.01 | 10.08 | 10.11 | | 106 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.65 | 101.51 | 104.54 | | | | |
| ALL SAMPLES,CV % | | 4.73 | 5.97 | 4.28 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| FARMERS GIN CO. CLINTON KY 42031 | | | | | | | | |
| 00-00-60 | 60675 | 0.00 | 0.00 | 59.55 | | 99 | Mat | Bulk |
| 06-15-20 | 60387 | 6.50 | 15.21 | 21.71 | | 105 | CM | Bulk |
| 06-15-20 | 60388 | 6.27 | 15.36 | 19.40 | | 100 | CM | Bulk |
| 06-15-20 | 60389 | 6.17 | 14.74 | 19.27 | | 98 | CM | Bulk |
| 06-15-20 | 60390 | 6.46 | 15.97 | 19.36 | | 102 | CM | Bulk |
| 06-15-40 | 62413 | 6.18 | 15.30 | 38.82 | | 99 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|---------|--------|-------|-----|-------|------|
| ----- | | | | | | | | |
| FARMERS GIN CO. CLINTON KY 42031 | | | | | | | | |
| 09-23-30 | 60385 | 8.97 | 22.61 | 31.30 | | 101 | CM | Bulk |
| 10-26-24 | 60386 | 10.42 | 26.81 | 25.36 | | 100 | CM | Bulk |
| 18-46-00 | 60674 | 17.58 | 45.47 | 0.00 | | 99 | Mat | Bulk |
| 21-15-20 | 62411 | 21.81 | 14.74 | 19.96 | | 100 | CM | Bulk |
| 21-15-20 | 62412 | 20.35 | 14.60 | 21.04 | | 97 | CM | Bulk |
| 27-11-14 | 62414 | 27.73 | 10.69 | 15.71 | | 100 | CM | Bulk |
| 27-11-14 | 62415 | 28.29 | 11.56 | 15.15 | | 102 | CM | Bulk |
| 46-00-00 | 60676 | 45.66 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.59 | 98.67 | 101.31 | | | | |
| ALL SAMPLES,CV % | | 3.7 | 2.89 | 4.15 | | | | |
| NUMBER OF ANALYSIS | | 13 | 12 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| FEED SOLUTIONS ST. LOUIS MO 63166 | | | | | | | | |
| 02-03-06 | 62464 | 5.10 | 4.25 | 6.18 | | 155 | Blend | Bag |
| 03-01-05 | 62461 | 3.26 | 0.88 | 5.22 | | 104 | Mnfr | Bag |
| 03-03-03 | 62463 | 5.13 | 4.48 | 2.80 | | 147 | Blend | Bag |
| 09-00-00 | 62462+ | 9.17 | 0.00 | 0.00 | | 102 | Mnfr | Bag |
| ----- | | | | | | | | |
| FELTY CROP SVC. BEAVER DAM KY 42320 | | | | | | | | |
| 00-14-40 | 60426 | 0.00 | 14.77 | 42.39 | | 103 | CM | Bulk |
| 00-15-38 | 60429+ | 0.00 | 16.35 | 40.08 | | 103 | CM | Bulk |
| 00-15-38 | 60430+ | 0.00 | 16.77 | 38.97 | | 102 | CM | Bulk |
| 00-15-39 | 60425+ | 0.00 | 16.80 | 38.39 | | 101 | CM | Bulk |
| 00-16-38 | 60427 | 0.00 | 17.05 | 39.71 | | 104 | CM | Bulk |
| 00-16-38 | 60428 | 0.00 | 16.89 | 39.32 | | 103 | CM | Bulk |
| 00-22-30 | 60432 | 0.00 | 23.13 | 31.75 | | 104 | CM | Bulk |
| 00-22-30 | 60433 | 0.00 | 23.44 | 31.01 | | 104 | CM | Bulk |
| 00-24-27 | 60424+ | 0.00 | 25.19 | 27.55 | | 102 | CM | Bulk |
| 08-19-25 | 60431 | 8.06 | 20.96 | 27.34 | | 107 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 105.68 | 105.21 | 102.61 | | | | |
| ALL SAMPLES,CV % | | 0 | 2.01 | 2.79 | | | | |
| NUMBER OF ANALYSIS | | 1 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041 | | | | | | | | |
| 00-00-51 | 62368 | 0.00 | 0.00 | 50.16 | | 98 | Mat | Bulk |
| 00-00-51 | 63121 | 0.00 | 0.00 | 50.42 | | 99 | Mat | Bulk |
| 00-00-51 | 63122 | 0.00 | 0.00 | 50.81 | | 100 | Mat | Bulk |
| 00-00-61 | 61356 | 0.00 | 0.00 | 60.31 | | 99 | Mat | Bulk |
| 00-00-61 | 61369 | 0.00 | 0.00 | 60.38 | | 99 | Mat | Bulk |
| 03-12-12 | 62216+ | 4.79 | 11.69 * | 13.01 | | 104 | CM | Bulk |
| 06-06-06 | 62214 | 5.93 | 5.69 | 6.48 | | 97 | CM | Bulk |
| 14-08-08 | 62213 | 14.08 | 8.39 | 8.39 | | 98 | CM | Bulk |
| 15-13-20 | 63123 | 16.64 | 14.35 | 19.59 | | 102 | CM | Bulk |
| 18-46-00 | 61367 | 17.57 | 45.58 | 0.00 | | 99 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| FLEMING CO FARM SUPP. FLEMINGSBURG KY 41041 | | | | | | | | |
| 18-46-00 | 61370 | 17.77 | 45.80 | 0.00 | | 99 | Mat | Bulk |
| 19-19-19 | 62210 | 19.09 | 19.80 | 20.01 | | 100 | CM | Bulk |
| 19-19-19 | 62211 | 18.54 | 18.96 | 20.79 | | 98 | CM | Bulk |
| 19-19-19 | 62212 | 19.10 | 19.65 | 20.77 | | 101 | CM | Bulk |
| 19-19-19 | 62215 | 18.70 | 18.86 | 21.14 | | 99 | CM | Bulk |
| 19-19-19 | 62217 | 18.95 | 19.19 | 20.45 | | 99 | CM | Bulk |
| 19-19-19 | 62218 | 18.18 | 19.89 | 20.53 | | 99 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 18.76 | 19.39 | 20.62 | | 99.5 | | |
| CV, % | | 1.92 | 2.3 | 1.85 | | | | |
| 34-00-00 | 61355 | 34.13 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 34-00-00 | 61368 | 33.86 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 61357 | 46.18 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61371 | 46.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.40 | 98.86 | 102.96 | | | | |
| ALL SAMPLES,CV % | | 13.2 | 3.85 | 4.04 | | | | |
| NUMBER OF ANALYSIS | | 16 | 12 | 15 | | | | |
| Deficiency Rate = 4.76 % | | | | | | | | |
| ----- | | | | | | | | |
| FLORISTS TRANSWORLD DELIVERY DOWNERS GROVE IL 60515 | | | | | | | | |
| 15-30-15 | 60047+ | 15.74 | 30.87 | 14.73 | | 103 | Blend | Bag |
| ----- | | | | | | | | |
| FRANKLIN CROP SVC. FRANKLIN KY 42134 | | | | | | | | |
| 09-09-09 | 63026+ | 7.70 * | 12.50 | 11.47 | | 112 | CM | Bulk |
| 09-23-30 | 61236 | 8.43 | 22.66 | 30.75 | | 99 | CM | Bulk |
| 12-32-14 | 60314 | 12.30 | 31.51 | 15.71 | | 99 | CM | Bulk |
| 12-32-14 | 60315 | 12.37 | 31.68 | 16.11 | | 100 | CM | Bulk |
| 14-36-12 | 61106 | 14.40 | 36.85 | 12.24 | | 100 | CM | Bulk |
| 18-18-19 | 61233 | 18.52 | 19.69 | 19.41 | | 101 | CM | Bulk |
| 19-19-19 | 61703 | 18.03 | 19.45 | 21.93 | | 100 | CM | Bulk |
| 21-15-20 | 61706 | 21.29 | 16.17 | 19.37 | | 101 | CM | Bulk |
| 29-12-12 | 61234 | 29.38 | 12.84 | 11.98 | | 101 | CM | Bulk |
| 30-10-10 | 61235 | 31.71 | 10.94 | 10.85 | | 102 | CM | Bulk |
| 32-23-00 | 61705 | 31.55 | 23.17 | 0.00 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.44 | 103.63 | 105.86 | | | | |
| ALL SAMPLES,CV % | | 5.48 | 9.84 | 8.13 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 10 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| FREE FLOW FERTILIZER CO. MAUMEE OH 43537 | | | | | | | | |
| 06-12-00 | 60215+ | 5.63 | 13.82 | 0.00 | | 106 | Blend | Bag |
| 20-27-05 | 60216+ | 20.77 | 27.35 | 5.85 | | 104 | Mnfr | Bag |
| 24-03-12 | 60214+ | 25.14 | 3.03 | 12.79 | | 105 | Mnfr | Bag |
| 24-03-12 | 60290+ | 24.05 | 3.39 | 12.17 | | 101 | Mnfr | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| FREE FLOW FERTILIZER CO. MAUMEE OH 43537 | | | | | | | | |
| 28-00-03 | 61359 | 29.50 | 0.00 | 4.55 | | 108 | Blend | Bag |
| 28-03-03 | 60008 | 29.14 | 3.15 | 3.08 | | 104 | Blend | Bag |
| 29-00-04 | 61360 | 29.94 | 0.00 | 3.90 | | 103 | Blend | Bag |
| 29-03-04 | 60061+ | 28.37 | 3.25 | 4.69 | | 100 | Blend | Bag |
| 29-03-04 | 60096+ | 27.33 * | 2.65 | 4.77 | | 96 * | Blend | Bag |
| 29-03-04 | 60108+ | 28.00 | 2.89 | 4.77 | | 98 | Blend | Bag |
| 29-03-04 | 60148 | 29.52 | 3.28 | 4.26 | | 103 | Blend | Bag |
| 29-03-04 | 60886 | 27.70 | 3.13 | 4.86 | | 98 | Blend | Bag |
| Statistical Analysis for Grade : 29-03-04 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 28.18 | 3.04 | 4.67 | | 98.9 | | |
| CV, % | | 2.98 | 8.76 | 5.05 | | | | |
| 30-00-04 | 61361 | 29.16 | 0.00 | 7.04 | | 102 | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.88 | 104.20 | 119.69 | | | | |
| ALL SAMPLES,CV % | | 4.21 | 7.67 | 18.95 | | | | |
| NUMBER OF ANALYSIS | | 13 | 10 | 12 | | | | |
| Deficiency Rate = 7.69 % | | | | | | | | |
| ----- | | | | | | | | |
| FRIT INDUSTRIES OZARK AL 36361 | | | | | | | | |
| 00-00-00 | 61342+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61595+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 62192+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| ----- | | | | | | | | |
| GLORIOUS GARDENS DES MOINES IA 50322 (NOT REGISTERED) | | | | | | | | |
| 10-10-10 | 62018 | 11.80 | 11.08 | 11.81 | | 115 | Blend | Bag |
| ----- | | | | | | | | |
| GRANT CO FARM SUPP. DRY RIDGE KY 41035 | | | | | | | | |
| 12-17-25 | 63339 | 12.74 | 18.09 | 25.88 | | 102 | CM | Bulk |
| 12-30-20 | 63219 | 11.53 | 29.73 | 20.85 | | 98 | CM | Bulk |
| 18-46-00 | 63218 | 17.58 | 45.38 | 0.00 | | 98 | Mat | Bulk |
| 19-13-20 | 63314 | 19.12 | 13.61 | 20.33 | | 100 | CM | Bulk |
| 24-15-15 | 63313 | 22.96 | 15.35 | 16.78 | | 97 | CM | Bulk |
| 46-00-00 | 63217 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| GRAVES CO SOIL ASSOC. MAYFIELD KY 42066 | | | | | | | | |
| 06-16-21 | 60482 | 7.11 | 17.14 | 21.99 | | 103 | CM | Bulk |
| 06-16-21 | 60483 | 6.78 | 16.63 | 22.54 | | 102 | CM | Bulk |
| 09-23-30 | 62255 | 9.01 | 23.20 | 30.41 | | 101 | CM | Bulk |
| 09-23-30 | 62256 | 9.94 | 25.65 | 26.89 * | | 104 | CM | Bulk |
| 09-23-30 | 62258 | 9.08 | 22.74 | 30.31 | | 100 | CM | Bulk |
| 09-23-30 | 62259 | 9.07 | 23.42 | 29.63 | | 101 | CM | Bulk |
| 17-15-20 | 62261 | 17.84 | 15.36 | 19.60 | | 101 | CM | Bulk |
| 23-13-18 | 62260 | 24.46 | 14.55 | 17.51 | | 102 | CM | Bulk |
| 24-08-11 | 62257 | 24.77 | 8.73 | 11.89 | | 101 | CM | Bulk |
| 27-11-15 | 61213 | 27.00 | 13.32 | 14.38 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| GRAVES CO SOIL ASSOC. MAYFIELD KY 42066 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.89 | 103.76 | 99.17 | | | | |
| ALL SAMPLES,CV % | | 3.75 | 5.42 | 4.48 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| GREEN CHARGER FERT CORP. RICHMOND VA 23260 | | | | | | | | |
| 06-24-24 | 61768 | 6.06 | 25.40 | 22.93 | | 102 | Blend | Bag |
| 10-10-10 | 60496 | 9.07 * | 9.16 | 9.84 | | 93 * | Blend | Bag |
| 10-10-10 | 61767 | 9.65 | 10.15 | 10.32 | | 100 | Blend | Bag |
| 27-00-00 | 61350+ | 27.65 | 0.00 | 0.00 | | 102 | Mat | Bag |
| 27-00-00 | 61387 | 26.78 | 0.00 | 0.00 | | 99 | Mat | Bag |
| ----- | | | | | | | | |
| GREEN LIGHT SAN ANTONIO TX 78216 | | | | | | | | |
| 05-20-10 | 60140 | 5.29 | 19.91 | 10.14 | | 101 | Blend | Liq |
| 12-55-06 | 60024+ | 12.48 | 55.70 | 6.57 | | 102 | Mnfr | Bag |
| 12-55-06 | 61901+ | 12.81 | 55.50 | 6.21 | | 102 | Blend | Bag |
| 19-06-12 | 60025+ | 18.55 | 6.21 | 12.16 | | 99 | Mnfr | Bag |
| ----- | | | | | | | | |
| GREEN RIVER FEED MILL MORGANTOWN KY 42261 | | | | | | | | |
| 17-17-17 | 60445 | 17.26 | 18.24 | 19.21 | | 103 | CM | Bulk |
| 19-19-19 | 62335 | 19.08 | 18.66 | 20.52 | | 99 | CM | Bulk |
| 19-19-19 | 62336 | 19.71 | 18.48 | 20.66 | | 100 | CM | Bulk |
| 19-19-19 | 62337 | 19.03 | 19.58 | 20.56 | | 101 | CM | Bulk |
| 19-19-19 | 62338 | 20.05 | 20.36 | 18.30 | | 102 | CM | Bulk |
| 19-19-19 | 62607 | 18.99 | 19.76 | 19.28 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.37 | 19.37 | 19.86 | | 100.6 | | |
| CV, % | | 2.48 | 4.06 | 5.24 | | | | |
| 27-12-14 | 62743 | 27.91 | 12.29 | 14.32 | | 101 | CM | Bulk |
| 27-12-14 | 62747 | 27.54 | 12.71 | 14.21 | | 100 | CM | Bulk |
| 28-00-22 | 62608 | 28.14 | 0.00 | 24.43 | | 101 | CM | Bulk |
| 28-09-15 | 62744 | 28.00 | 10.37 | 15.59 | | 102 | CM | Bulk |
| 28-11-12 | 62746 | 28.86 | 11.83 | 13.21 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.00 | 101.39 | 103.18 | | | | |
| ALL SAMPLES,CV % | | 1.69 | 4.2 | 3.97 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| GREENLEAF PLANT FOOD DANVILLE KY 40423 | | | | | | | | |
| 00-00-22 | 61923 | 0.00 | 0.00 | 22.91 | | 104 | Mat | Bulk |
| 00-00-50 | 61925 | 0.00 | 0.00 | 51.60 | | 103 | Mat | Bulk |
| 00-20-20 | 62940 | 0.00 | 18.91 | 19.34 | | 95 * | Blend | Bag |
| 03-09-42 | 61921+ | 3.85 | 10.69 | 43.19 | | 103 | CM | Bulk |
| 04-10-28 | 62526 | 4.51 | 11.49 | 27.78 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|---------|-------|------|-------|------|
| GREENLEAF PLANT FOOD DANVILLE KY 40423 | | | | | | | | |
| 04-12-32 | 61922+ | 5.14 | 12.36 | 32.92 | | 100 | CM | Bulk |
| 05-10-10 | 62935 | 4.42 * | 8.35 * | 10.62 | | 91 * | Blend | Bag |
| 05-15-39 | 62523+ | 5.94 | 15.36 | 39.61 | | 100 | CM | Bulk |
| 05-15-39 | 62527+ | 6.02 | 15.84 | 39.44 | | 101 | CM | Bulk |
| 05-20-20 | 62638 | 5.00 | 20.18 | 18.44 * | | 98 | Blend | Bag |
| 05-20-20 | 62941 | 4.92 | 19.31 | 20.61 | | 99 | Blend | Bag |
| 06-12-12 | 62637 | 5.81 | 12.59 | 10.25 * | | 98 | Blend | Bag |
| 06-12-12 | 62815 | 6.14 | 13.19 | 11.38 | | 104 | Blend | Bag |
| 09-23-30 | 62521 | 8.57 | 22.30 | 30.66 | | 98 | CM | Bulk |
| 09-23-30 | 62522 | 7.97 * | 21.02 * | 32.44 | | 96 * | CM | Bulk |
| 10-10-10 | 62636 | 7.73 * | 10.02 | 9.88 | | 91 * | Blend | Bag |
| 10-10-10 | 62816 | 7.98 * | 8.10 * | 9.45 | | 83 * | Blend | Bag |
| 10-10-10 | 62842 | 10.47 | 8.80 * | 9.40 | | 96 * | Blend | Bag |
| 10-10-10 | 62933 | 8.18 * | 8.84 * | 9.26 | | 87 * | Blend | Bag |
| 10-10-10 | 62938 | 7.05 * | 6.89 * | 8.07 * | | 72 * | Blend | Bag |
| 10-10-10 | 63082 | 8.46 * | 8.84 * | 9.32 | | 88 * | Blend | Bag |
| 10-10-10 | 63085 | 8.46 * | 8.44 * | 9.33 | | 86 * | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 8.33 | 8.56 | 9.24 | | 86.1 | | |
| CV, % | | 12.73 | 11.04 | 6.02 | | | | |
| 10-20-20 | 62939 | 9.68 | 19.44 | 19.42 | | 97 | Blend | Bulk |
| 12-12-12 | 62934 | 10.58 * | 11.06 | 11.19 | | 91 * | Blend | Bag |
| 15-15-15 | 61142 | 14.93 | 14.21 | 14.78 | | 97 | Blend | Bag |
| 15-15-15 | 61804 | 13.54 * | 13.66 * | 14.63 | | 92 * | Blend | Bag |
| 15-15-15 | 62814 | 14.03 | 14.01 | 14.80 | | 95 * | Blend | Bag |
| 18-18-18 | 62525 | 18.00 | 19.02 | 18.42 | | 97 | CM | Bulk |
| 18-46-00 | 61924 | 17.70 | 46.45 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 62436 | 18.06 | 18.36 | 19.43 | | 97 | Blend | Bulk |
| 19-19-19 | 62437 | 18.63 | 19.21 | 18.49 | | 99 | Blend | Bag |
| 19-19-19 | 62813 | 19.05 | 16.04 * | 21.32 | | 96 * | Blend | Bag |
| 19-19-19 | 62932 | 18.61 | 19.92 | 19.65 | | 102 | Blend | Bag |
| 19-19-19 | 62937 | 20.20 | 19.38 | 17.92 | | 102 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 18.91 | 18.58 | 19.36 | | 99.3 | | |
| CV, % | | 4.25 | 8.23 | 6.71 | | | | |
| 20-10-10 | 63086 | 17.28 * | 9.02 * | 9.57 | | 89 * | Blend | Bag |
| 30-00-20 | 62524 | 32.27 | 0.00 | 19.11 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 94.35 | 95.24 | 97.80 | | | | |
| ALL SAMPLES,CV % | | 9.45 | 9.26 | 6.06 | | | | |
| NUMBER OF ANALYSIS | | 33 | 33 | 35 | | | | |
| Deficiency Rate = 47.22 % | | | | | | | | |
| GREENVIEW DIV- LEBANON SEABOARD CO LEBANON PA 17042 | | | | | | | | |
| 10-16-20 | 60167+ | 9.11 | 18.78 | 19.08 | | 101 | Blend | Bag |
| 26-02-12 | 60088+ | 23.53 * | 1.70 | 12.92 | | 94 * | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|---------|-------|------|-------|------|
| GREENVIEW DIV- LEBANON SEABOARD CO LEBANON PA 17042 | | | | | | | | |
| 26-02-12 | 60094+ | 23.29 * | 1.77 | 13.19 | | 94 * | Blend | Bag |
| 26-02-12 | 60105+ | 24.36 | 1.79 | 12.75 | | 96 * | Blend | Bag |
| 26-02-12 | 60137+ | 24.77 | 1.66 | 13.31 | | 100 | Blend | Bag |
| 26-02-12 | 60151+ | 24.98 | 1.58 | 12.69 | | 98 | Blend | Bag |
| Statistical Analysis for Grade : 26-02-12 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 24.19 | 1.70 | 12.97 | | 96.4 | | |
| CV, % | | 3.1 | 4.88 | 2.09 | | | | |
| 30-03-05 | 62020 | 28.85 | 3.50 | 5.65 | | 100 | Blend | Bag |
| GRIFFIN INDUSTRIES INC. COLD SPRING KY 41076-1821 | | | | | | | | |
| 05-06-06 | 60013+ | 5.55 | 8.81 | 5.56 | | 117 | Mnfr | Bag |
| 05-06-06 | 60578+ | 5.32 | 5.10 * | 7.00 | | 103 | Mnfr | Bag |
| 05-06-06 | 62756+ | 6.66 | 7.83 | 5.69 | | 124 | Mnfr | Bag |
| 07-01-14 | 62758+ | 7.78 | 4.06 | 12.80 * | | 121 | Mnfr | Bag |
| 08-03-05 | 60012+ | 8.08 | 3.44 | 5.81 | | 107 | Mnfr | Bag |
| 08-03-05 | 60577+ | 8.86 | 3.04 | 5.84 | | 111 | Mnfr | Bag |
| 08-03-05 | 62792+ | 8.55 | 3.25 | 5.25 | | 107 | Mnfr | Bag |
| 08-05-05 | 62761+ | 7.86 | 7.44 | 6.15 | | 118 | Mnfr | Bag |
| 09-00-09 | 62762+ | 9.51 | 0.00 | 8.78 | | 103 | Mnfr | Bag |
| 10-02-08 | 60014+ | 10.14 | 2.39 | 8.85 | | 106 | Mnfr | Bag |
| 10-02-08 | 62754+ | 9.98 | 2.46 | 9.29 | | 107 | Mnfr | Bag |
| 12-02-06 | 62760+ | 12.00 | 3.13 | 7.00 | | 109 | Mnfr | Bag |
| 13-00-00 | 62759+ | 12.76 | 0.00 | 0.00 | | 98 | Mnfr | Bag |
| 15-02-08 | 62755+ | 14.04 | 3.21 | 7.46 | | 100 | Mnfr | Bag |
| 21-03-07 | 62757+ | 22.91 | 4.94 | 6.66 | | 113 | Mnfr | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 105.76 | 151.19 | 106.14 | | | | |
| ALL SAMPLES,CV % | | 8.83 | 53.16 | 10.87 | | | | |
| NUMBER OF ANALYSIS | | 15 | 13 | 14 | | | | |
| Deficiency Rate = 13.33 % | | | | | | | | |
| GRIGG BROTHERS ALBION ID 83311 | | | | | | | | |
| 07-07-07 | 63105+ | 8.62 | 8.22 | 6.81 | | 116 | Mnfr | Bag |
| 08-04-16 | 60195+ | 9.40 | 5.22 | 16.71 | | 113 | Blend | Bag |
| 16-04-08 | 60194+ | 15.22 | 5.46 | 8.60 | | 102 | Blend | Bag |
| 16-04-08 | 60975+ | 15.46 | 4.81 | 8.45 | | 102 | Mnfr | Bag |
| 16-04-08 | 63107+ | 16.25 | 5.91 | 8.39 | | 110 | Mnfr | Bag |
| GRO TEC INC. MADISON GA 30650-1821 | | | | | | | | |
| 00-00-00 | 61557 | 0.02 | 0.02 | 0.02 | | | Mnfr | Liq |
| 06-10-10 | 60143 | 5.95 | 9.69 | 9.58 | | 97 | Blend | Bag |
| 06-10-10 | 61160 | 6.41 | 10.73 | 10.64 | | 107 | Blend | Bag |
| 06-10-10 | 62653 | 6.10 | 10.02 | 10.27 | | 101 | Blend | Bag |
| 06-10-10 | 62811 | 6.27 | 10.56 | 9.90 | | 104 | Blend | Bag |
| 06-10-10 | 62882 | 5.97 | 10.35 | 9.45 | | 100 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| GRO TEC INC. MADISON GA 30650-1821 | | | | | | | | |
| Statistical Analysis for Grade : 06-10-10 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 6.14 | 10.27 | 9.97 | | 101.8 | | |
| CV, % | | 3.22 | 4.08 | 4.93 | | | | |
| 08-12-04 | 61613 | 7.90 | 11.71 | 5.19 | | 101 | Blend | Bag |
| 09-09-06 | 62160 | 9.54 | 7.78 * | 9.11 | | 105 | Blend | Bag |
| 09-12-12 | 63100 | 9.28 | 11.10 | 12.12 | | 98 | Blend | Bag |
| 10-06-08 | 61615 | 11.51 | 6.55 | 12.03 | | 121 | Blend | Bag |
| 10-10-10 | 60827 | 8.49 * | 8.46 * | 10.74 | | 89 * | Blend | Bag |
| 10-10-10 | 60878 | 9.38 | 9.92 | 9.98 | | 97 | Blend | Bag |
| 10-10-10 | 60887 | 9.91 | 10.23 | 10.78 | | 102 | Blend | Bag |
| 10-10-10 | 60888 | 9.21 | 10.00 | 10.15 | | 97 | Blend | Bag |
| 10-10-10 | 60892 | 7.56 * | 9.25 | 9.25 | | 86 * | Blend | Bag |
| 10-10-10 | 60984 | 9.71 | 9.37 | 9.80 | | 96 * | Blend | Bag |
| 10-10-10 | 60991 | 8.79 * | 7.81 * | 10.67 | | 88 * | Blend | Bag |
| 10-10-10 | 60997 | 10.29 | 9.78 | 10.33 | | 101 | Blend | Bag |
| 10-10-10 | 61259 | 10.95 | 10.47 | 10.55 | | 107 | Blend | Bag |
| 10-10-10 | 61566 | 11.18 | 10.15 | 9.83 | | 105 | Blend | Bag |
| 10-10-10 | 61569 | 9.46 | 10.06 | 9.50 | | 97 | Blend | Bag |
| 10-10-10 | 61896 | 9.74 | 10.12 | 9.51 | | 98 | Blend | Bag |
| 10-10-10 | 61898 | 9.83 | 9.82 | 9.36 | | 97 | Blend | Bag |
| 10-10-10 | 62441 | 9.83 | 10.57 | 9.70 | | 101 | Blend | Bag |
| 10-10-10 | 62442 | 10.18 | 9.84 | 9.94 | | 100 | Blend | Bag |
| 10-10-10 | 62809 | 11.43 | 10.66 | 10.57 | | 110 | Blend | Bag |
| 10-10-10 | 62884 | 9.90 | 10.75 | 10.28 | | 103 | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 17 | | | | | | | | |
| Average Analysis : | | 9.76 | 9.84 | 10.06 | | 98.5 | | |
| CV, % | | 9.82 | 7.81 | 4.98 | | | | |
| 10-13-13 | 61783 | 13.44 | 13.05 | 14.75 | | 115 | Mnfr | Bag |
| 12-06-06 | 60060 | 11.93 | 5.92 | 6.59 | | 101 | Blend | Bag |
| 15-07-06 | 61782 | 17.70 | 11.12 | 7.44 | | 130 | Mnfr | Bag |
| 18-24-06 | 60033+ | 17.02 | 23.54 | 6.70 | | 98 | Blend | Bag |
| 18-24-06 | 60059+ | 14.95 * | 20.14 * | 6.35 | | 86 * | Blend | Bag |
| 18-24-06 | 60120+ | 17.01 | 23.59 | 6.36 | | 97 | Blend | Bag |
| 18-24-06 | 60186+ | 18.79 | 25.69 | 5.49 * | | 104 | Blend | Bag |
| 18-24-06 | 60294+ | 16.85 | 22.49 * | 6.81 | | 96 * | Blend | Bag |
| Statistical Analysis for Grade : 18-24-06 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 16.92 | 23.09 | 6.34 | | 96.1 | | |
| CV, % | | 8.05 | 8.74 | 8.18 | | | | |
| 27-04-06 | 60032+ | 31.43 | 4.05 | 3.66 * | | 109 | Blend | Bag |
| 34-00-00 | 60982 | 34.00 | 0.00 | 0.00 | | 100 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| GRO TEC INC. MADISON GA 30650-1821 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.84 | 100.83 | 105.25 | | | | |
| ALL SAMPLES,CV % | | 10.55 | 12.48 | 14.88 | | | | |
| NUMBER OF ANALYSIS | | 37 | 36 | 36 | | | | |
| Deficiency Rate = 24.32 % | | | | | | | | |
| ----- | | | | | | | | |
| HANCOCK COUNTY FARM HAWESVILLE KY 42348 | | | | | | | | |
| 00-00-50 | 62307 | 0.00 | 0.00 | 51.36 | | 103 | Mat | Bulk |
| 00-00-60 | 60420 | 0.00 | 0.00 | 60.67 | | 101 | Mat | Bulk |
| 00-00-60 | 62309 | 0.00 | 0.00 | 60.14 | | 100 | Mat | Bulk |
| 00-46-00 | 60421 | 0.00 | 45.99 | 0.00 | | 100 | Mat | Bulk |
| 08-11-23 | 63241 | 8.92 | 11.79 | 24.89 | | 103 | CM | Bulk |
| 08-20-27 | 63240 | 8.61 | 20.74 | 27.96 | | 102 | CM | Bulk |
| 09-23-30 | 63189 | 8.89 | 22.88 | 31.12 | | 101 | CM | Bulk |
| 09-23-30 | 63190 | 8.94 | 23.18 | 30.73 | | 101 | CM | Bulk |
| 09-23-30 | 63191 | 8.79 | 22.06 | 30.75 | | 98 | CM | Bulk |
| 10-14-28 | 63242 | 10.01 | 13.99 | 30.34 | | 100 | CM | Bulk |
| 10-14-28 | 63243 | 10.52 | 14.50 | 29.95 | | 102 | CM | Bulk |
| 11-08-11 | 63194 | 12.33 | 8.88 | 11.63 | | 103 | CM | Bulk |
| 15-08-12 | 63192 | 16.04 | 8.12 | 13.99 | | 103 | CM | Bulk |
| 15-08-12 | 63193 | 15.82 | 8.59 | 13.23 | | 102 | CM | Bulk |
| 17-17-17 | 60423 | 19.11 | 17.51 | 16.94 | | 102 | CM | Bulk |
| 18-46-00 | 60422 | 17.75 | 46.11 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62310 | 17.81 | 46.23 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62311 | 17.91 | 46.23 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62308 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.03 | 99.67 | 103.50 | | | | |
| ALL SAMPLES,CV % | | 3.57 | 2 | 3.15 | | | | |
| NUMBER OF ANALYSIS | | 15 | 15 | 14 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| HARDINSBURG FARM SUPP HARNED KY 40144 | | | | | | | | |
| 03-09-12 | 61997 | 4.90 | 11.73 | 11.90 | | 113 | CM | Bulk |
| 07-19-34 | 62002+ | 7.92 | 19.68 | 34.19 | | 101 | CM | Bulk |
| 09-18-27 | 63144 | 9.08 | 17.38 | 28.90 | | 99 | CM | Bulk |
| 13-11-17 | 63142 | 14.09 | 11.41 | 17.90 | | 101 | CM | Bulk |
| 14-11-16 | 63143 | 13.91 | 9.64 * | 18.25 | | 99 | CM | Bulk |
| 19-19-19 | 61996 | 19.41 | 21.27 | 18.28 | | 103 | CM | Bulk |
| 19-19-19 | 62003 | 18.83 | 20.99 | 19.61 | | 102 | CM | Bulk |
| 19-19-19 | 62004 | 18.72 | 20.42 | 19.55 | | 101 | CM | Bulk |
| 19-19-19 | 62005 | 19.31 | 19.78 | 19.42 | | 101 | CM | Bulk |
| 22-16-16 | 61999 | 21.24 | 16.99 | 18.14 | | 100 | CM | Bulk |
| 28-12-12 | 62000 | 28.64 | 13.83 | 12.08 | | 102 | CM | Bulk |
| 28-12-12 | 62001 | 29.04 | 13.21 | 12.21 | | 102 | CM | Bulk |
| 35-17-00 | 61998 | 36.94 | 16.22 | 0.00 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|---------|---------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| HARDINBURG FARM SUPP HARNED KY 40144 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.82 | 103.01 | 100.72 | | | | |
| ALL SAMPLES,CV % | | 8.3 | 8.68 | 4.65 | | | | |
| NUMBER OF ANALYSIS | | 13 | 13 | 12 | | | | |
| Deficiency Rate = 7.69 % | | | | | | | | |
| ----- | | | | | | | | |
| HARRELL'S INC LAKELAND FL 33815 | | | | | | | | |
| 22-02-19 | 60973+ | 21.98 | 2.31 | 20.23 | | 103 | Blend | Bag |
| 25-05-15 | 60974+ | 24.26 | 5.67 | 15.57 | | 101 | Blend | Bag |
| 31-02-12 | 63106 | 30.97 | 2.36 | 14.13 | | 105 | Blend | Bag |
| ----- | | | | | | | | |
| HELENA CHEMICAL CO. HICKMAN KY 42050 | | | | | | | | |
| 04-00-46 | 62460+ | 4.00 | 0.00 | 47.28 | | 102 | CM | Bulk |
| 04-00-48 | 62101+ | 3.99 | 0.00 | 48.60 | | 100 | CM | Bulk |
| 04-00-48 | 62102+ | 4.26 | 0.00 | 48.07 | | 100 | CM | Bulk |
| 05-00-45 | 63128+ | 5.29 | 0.00 | 45.54 | | 101 | CM | Bulk |
| 05-00-45 | 63277+ | 5.61 | 0.00 | 44.43 | | 100 | CM | Bulk |
| 06-00-39 | 62100+ | 6.83 | 0.00 | 41.40 | | 102 | CM | Bulk |
| 32-00-00 | 62683 | 31.73 | 0.00 | 0.00 | | 99 | Mat | Liq |
| ----- | | | | | | | | |
| HELENA CHEMICAL COMPANY COLLIERVILLE TN 38017 | | | | | | | | |
| 08-24-03 | 63138 | 7.95 | 23.08 | 4.96 | | 100 | Blend | Liq |
| 12-00-00 | 63129+ | 14.63 | 0.00 | 0.00 | | 122 | Mnfr | Liq |
| 12-00-00 | 63130+ | 14.19 | 0.00 | 0.00 | | 118 | Mnfr | Liq |
| 25-00-00 | 63137+ | 18.26 * | 0.00 | 0.00 | | 73 * | Blend | Liq |
| ----- | | | | | | | | |
| HENRY COUNTY FARMERS (MIDWAY) MURRAY KY 42071 | | | | | | | | |
| 00-00-60 | 60698 | 0.00 | 0.00 | 59.81 | | 100 | Mat | Bulk |
| 04-10-26 | 60249 | 4.61 | 10.53 | 27.70 | | 105 | CM | Bulk |
| 04-10-26 | 60250 | 4.46 | 9.63 | 25.92 | | 99 | CM | Bulk |
| 05-14-18 | 60248 | 6.45 | 15.56 | 19.77 | | 107 | CM | Bulk |
| 05-14-19 | 60247 | 6.27 | 14.95 | 20.24 | | 104 | CM | Bulk |
| 07-18-36 | 60369 | 6.82 | 18.07 | 36.47 | | 99 | CM | Bulk |
| 07-18-36 | 60370 | 7.18 | 19.00 | 34.99 | | 99 | CM | Bulk |
| 07-20-17 | 60367 | 8.17 | 20.22 | 18.31 | | 102 | CM | Bulk |
| 07-20-17 | 60368 | 8.37 | 20.22 | 17.80 | | 101 | CM | Bulk |
| 09-23-30 | 61510 | 8.02 * | 20.82 * | 34.25 | | 98 | CM | Bulk |
| 09-23-30 | 61511 | 8.89 | 21.66 | 31.49 | | 99 | CM | Bulk |
| 18-46-00 | 60699 | 17.98 | 45.51 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60700 | 33.81 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.18 | 99.04 | 102.90 | | | | |
| ALL SAMPLES,CV % | | 7.59 | 4.77 | 4.56 | | | | |
| NUMBER OF ANALYSIS | | 12 | 11 | 11 | | | | |
| Deficiency Rate = 7.69 % | | | | | | | | |
| ----- | | | | | | | | |
| HYDROLYSATE COMPANY OF AMERICA, LLC ISOLA MS 38754 | | | | | | | | |
| 02-03-01 | 61893+ | 2.02 | 3.42 | 0.83 | | 106 | Blend | Liq |
| ----- | | | | | | | | |
| IRONITE PRODUCTS HUMBOLDT AZ 86329 | | | | | | | | |
| 07-06-06 | 60073+ | 7.66 | 5.61 | 6.14 | | 103 | Blend | Liq |
| 07-06-06 | 60289+ | 8.20 | 5.77 | 6.06 | | 107 | Blend | Liq |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| IRONITE PRODUCTS HUMBOLDT AZ 86329 | | | | | | | | |
| 12-10-10 | 60026+ | 13.15 | 10.14 | 10.49 | | 106 | Blend | Bag |
| ----- | | | | | | | | |
| JANES FERT/FARM COLUMBIA KY 42728 | | | | | | | | |
| 06-26-25 | 61392 | 10.35 | 27.14 | 25.32 | | 110 | CM | Bulk |
| 06-26-25 | 61394 | 10.22 | 26.50 | 25.66 | | 109 | CM | Bulk |
| 11-12-31 | 61398 | 11.46 | 12.67 | 32.37 | | 100 | CM | Bulk |
| 19-19-19 | 61391 | 20.47 | 22.12 | 17.66 * | | 106 | CM | Bulk |
| 19-19-19 | 61393 | 19.47 | 19.85 | 20.02 | | 102 | CM | Bulk |
| 19-19-19 | 61395 | 19.98 | 19.99 | 19.04 | | 102 | CM | Bulk |
| 19-19-19 | 61396 | 19.26 | 19.83 | 20.10 | | 102 | CM | Bulk |
| 19-19-19 | 61397 | 19.34 | 19.80 | 20.56 | | 102 | CM | Bulk |
| 19-19-19 | 61399 | 20.07 | 20.72 | 18.65 | | 103 | CM | Bulk |
| 19-19-19 | 61440 | 20.14 | 21.26 | 18.78 | | 105 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 19.82 | 20.51 | 19.26 | | 103.1 | | |
| CV, % | | 2.33 | 4.39 | 5.27 | | | | |
| 27-13-13 | 62448 | 27.29 | 13.98 | 13.88 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 111.21 | 104.06 | 100.83 | | | | |
| ALL SAMPLES,CV % | | 20.4 | 3.98 | 4.44 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| JEFFERSONVILLE RIVER TERMINAL JEFFERSONVILLE IN 47130 | | | | | | | | |
| 00-00-50 | 62273 | 0.00 | 0.00 | 50.38 | | 101 | Mat | Bulk |
| 00-00-60 | 60635 | 0.00 | 0.00 | 60.14 | | 100 | Mat | Bulk |
| 18-46-00 | 60612 | 17.88 | 46.13 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 60637 | 33.69 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 60636 | 46.01 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| JONATHAN GREEN & SONS FARMINGDALE NJ 07727 | | | | | | | | |
| 05-07-04 | 63295+ | 5.75 | 10.33 | 6.78 | | 139 | Blend | Bag |
| ----- | | | | | | | | |
| KEES FARM SVC . GRAYSON KY 41143 | | | | | | | | |
| 00-00-54 | 63223+ | 0.00 | 0.00 | 55.13 | | 101 | CM | Bulk |
| 00-00-60 | 61299 | 0.00 | 0.00 | 60.81 | | 101 | Mat | Bulk |
| 17-14-21 | 63224 | 17.14 | 14.95 | 22.81 | | 103 | CM | Bulk |
| 18-18-20 | 63222 | 18.70 | 18.43 | 20.47 | | 99 | CM | Bulk |
| 18-46-00 | 61300 | 18.02 | 45.71 | 0.00 | | 100 | Mat | Bulk |
| 20-00-27 | 63221 | 20.38 | 0.00 | 28.84 | | 102 | CM | Bulk |
| 20-12-18 | 63311 | 20.84 | 13.02 | 19.36 | | 101 | CM | Bulk |
| 24-05-19 | 63225 | 24.10 | 5.49 | 20.74 | | 101 | CM | Bulk |
| 24-10-16 | 63228 | 24.13 | 10.60 | 16.89 | | 100 | CM | Bulk |
| 24-10-16 | 63229 | 24.14 | 11.33 | 16.96 | | 101 | CM | Bulk |
| 46-00-00 | 61301 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| KEES FARM SVC . GRAYSON KY 41143 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.39 | 100.68 | 102.86 | | | | |
| ALL SAMPLES,CV % | | 0.55 | 2.79 | 1.81 | | | | |
| NUMBER OF ANALYSIS | | 9 | 7 | 9 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| KNOX FERTILIZER CO., INC. KNOX IN 46534 | | | | | | | | |
| 10-06-04 | 61894 | 9.74 | 6.21 | 4.67 | | 102 | Blend | Bag |
| 12-12-12 | 60050 | 13.99 | 13.32 | 12.65 | | 112 | Blend | Bag |
| 12-12-12 | 60099 | 13.84 | 13.03 | 12.97 | | 111 | Blend | Bag |
| 12-12-12 | 60113 | 13.81 | 12.94 | 12.63 | | 110 | Blend | Bag |
| 25-03-03 | 60989 | 25.82 | 3.20 | 3.37 | | 104 | Blend | Bag |
| 25-03-03 | 60993 | 24.69 | 3.29 | 3.56 | | 101 | Blend | Bag |
| 27-03-03 | 60049+ | 26.25 | 3.41 | 3.51 | | 99 | Blend | Bag |
| 27-03-03 | 60063+ | 31.98 | 4.47 | 4.71 | | 123 | Blend | Bag |
| 27-03-03 | 60098+ | 29.12 | 3.13 | 3.08 | | 107 | Blend | Bag |
| 27-03-03 | 60114+ | 26.34 | 3.14 | 3.80 | | 100 | Blend | Bag |
| 27-03-03 | 60988 | 25.53 | 3.75 | 4.30 | | 100 | Blend | Bag |
| 27-03-03 | 61262 | 26.19 | 4.11 | 3.54 | | 102 | Blend | Bag |
| 27-03-03 | 61568 | 27.50 | 3.77 | 4.02 | | 106 | Blend | Bag |
| Statistical Analysis for Grade : 27-03-03 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 27.56 | 3.68 | 3.85 | | 105.2 | | |
| CV, % | | 8.27 | 13.53 | 14.13 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.68 | 115.89 | 120.40 | | | | |
| ALL SAMPLES,CV % | | 8.4 | 12.21 | 13.37 | | | | |
| NUMBER OF ANALYSIS | | 13 | 13 | 13 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| LEBANON SEABOARD LEBANON PA 17042 | | | | | | | | |
| 10-18-22 | 60812+ | 10.82 | 19.88 | 22.06 | | 106 | Blend | Bag |
| 16-16-16 | 60813+ | 14.77 | 16.31 | 18.49 | | 102 | Blend | Bag |
| 18-05-09 | 60815+ | 18.54 | 5.47 | 10.79 | | 108 | Blend | Bag |
| 20-04-10 | 60814+ | 19.78 | 5.13 | 10.24 | | 103 | Mnfr | Bag |
| 21-03-21 | 60193+ | 22.64 | 2.99 | 20.04 | | 103 | Blend | Bag |
| 22-05-12 | 60816+ | 23.05 | 4.71 | 11.42 | | 101 | Blend | Bag |
| 24-04-12 | 60817+ | 21.65 * | 4.12 | 15.02 | | 101 | Blend | Bag |
| 25-03-03 | 62019 | 25.40 | 3.78 | 4.23 | | 107 | Blend | Bag |
| 25-05-15 | 60192+ | 26.94 | 3.82 * | 15.51 | | 104 | Blend | Bag |
| 26-02-08 | 62880+ | 27.00 | 2.94 | 8.26 | | 106 | Blend | Bag |
| 26-02-08 | 62888+ | 25.80 | 2.39 | 8.30 | | 101 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|---------|--------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| LEBANON SEABOARD LEBANON PA 17042 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.60 | 110.52 | 109.56 | | | | |
| ALL SAMPLES,CV % | | 5.96 | 17.29 | 13 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 18.18 % | | | | | | | | |
| ----- | | | | | | | | |
| LESCO INC. CLEVELAND OH 44114-1849 | | | | | | | | |
| 05-10-31 | 60079+ | 5.07 | 10.83 | 31.23 | | 103 | Blend | Bag |
| 12-24-14 | 60080+ | 12.97 | 24.48 | 15.02 | | 105 | Blend | Bag |
| 13-02-05 | 61434 | 13.81 | 3.08 | 5.26 | | 111 | Blend | Bag |
| 18-02-18 | 60190 | 17.43 | 3.21 | 19.88 | * | 106 | Blend | Bag |
| 18-24-12 | 60081+ | 17.84 | 25.75 | 13.56 | * | 106 | Blend | Bag |
| 19-00-06 | 60133 | 20.30 | 0.00 | 5.83 | | 105 | Blend | Bag |
| 19-00-11 | 62440 | 16.97 * | 0.00 | 9.33 * | * | 88 * | Blend | Bag |
| 19-19-19 | 60174 | 21.17 | 19.08 | 18.27 | | 104 | Blend | Bag |
| 24-00-11 | 60134+ | 23.10 | 0.00 | 11.36 | | 98 | Blend | Bag |
| 32-03-08 | 60135+ | 31.35 | 3.06 | 8.94 | | 100 | Blend | Bag |
| 32-05-07 | 60173 | 30.97 | 6.78 | 8.56 | | 103 | Blend | Bag |
| 34-03-11 | 60172 | 35.28 | 3.63 | 10.86 | | 104 | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.17 | 121.23 | 104.24 | | | | |
| ALL SAMPLES,CV % | | 6.21 | 19.25 | 9.35 | | | | |
| NUMBER OF ANALYSIS | | 12 | 9 | 12 | | | | |
| Deficiency Rate = 8.33 % | | | | | | | | |
| ----- | | | | | | | | |
| LILLY MILLER BRANDS CLACKAMAS OR 97015 | | | | | | | | |
| 05-01-01 | 60139 | 5.20 | 1.86 | 1.57 | | 118 | Blend | Liq |
| 05-01-01 | 61163+ | 5.17 | 1.66 | 2.19 | | 122 | Blend | Liq |
| 07-07-02 | 61265+ | 7.75 | 7.15 | 2.38 | | 107 | Blend | Bag |
| 07-07-02 | 62240+ | 7.93 | 6.30 | 2.32 | | 103 | Blend | Bag |
| ----- | | | | | | | | |
| MARSHALL COUNTY SOIL BENTON KY 42025 | | | | | | | | |
| 05-13-40 | 60180 | 5.73 | 13.70 | 41.04 | | 102 | CM | Bulk |
| 10-25-26 | 62465 | 9.82 | 25.75 | 26.46 | | 100 | CM | Bulk |
| ----- | | | | | | | | |
| MARTIN MARIETTA MANISTEE MI 49660 | | | | | | | | |
| 00-00-00 | 61084+ | 0.00 | 0.00 | 0.00 | | | Mnfr | Bag |
| 00-00-00 | 61537+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| ----- | | | | | | | | |
| MATHIS FARM SUPP. MELBER KY 42069 | | | | | | | | |
| 07-19-33 | 62054+ | 7.46 | 19.24 | 34.66 | | 100 | CM | Bulk |
| 07-19-34 | 62055 | 7.24 | 19.24 | 35.83 | | 100 | CM | Bulk |
| 07-19-34 | 62056 | 7.62 | 19.54 | 35.65 | | 101 | CM | Bulk |
| 11-20-26 | 62057 | 11.54 | 20.49 | 27.24 | | 100 | CM | Bulk |
| 11-20-26 | 62058 | 11.76 | 21.24 | 26.50 | | 101 | CM | Bulk |
| 11-20-26 | 62059 | 11.51 | 20.61 | 26.57 | | 100 | CM | Bulk |
| 11-20-26 | 62060 | 12.14 | 21.14 | 25.56 | | 101 | CM | Bulk |
| 13-15-26 | 62061 | 13.78 | 15.25 | 26.49 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| MATHIS FARM SUPP. MELBER KY 42069 | | | | | | | | |
| 13-15-26 | 62062 | 13.19 | 15.69 | 26.53 | | 100 | CM | Bulk |
| 13-15-26 | 62063 | 13.39 | 15.26 | 26.65 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.68 | 100.51 | 100.65 | | | | |
| ALL SAMPLES,CV % | | 2.55 | 2.07 | 2.57 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| MAYFIELD GRAIN CO. MAYFIELD KY 42066 | | | | | | | | |
| 00-00-60 | 60811 | 0.00 | 0.00 | 59.96 | | 100 | Mat | Bulk |
| 03-10-19 | 60564 | 4.80 | 10.29 | 20.82 | | 107 | CM | Bulk |
| 08-20-32 | 62418 | 8.64 | 21.87 | 31.50 | | 102 | CM | Bulk |
| 09-23-30 | 62113 | 8.87 | 23.15 | 30.22 | | 100 | CM | Bulk |
| 09-23-30 | 62114 | 8.92 | 23.01 | 30.42 | | 100 | CM | Bulk |
| 09-23-30 | 62254 | 8.88 | 22.94 | 30.23 | | 100 | CM | Bulk |
| 09-23-30 | 63090 | 8.91 | 22.81 | 30.00 | | 99 | CM | Bulk |
| 09-23-30 | 63091 | 9.19 | 23.18 | 29.90 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 8.95 | 23.02 | 30.15 | | 100.1 | | |
| CV, % | | 1.49 | 0.66 | 0.68 | | | | |
| 12-16-23 | 63131 | 12.55 | 17.06 | 23.41 | | 103 | CM | Bulk |
| 17-15-16 | 63092 | 17.50 | 14.36 | 18.47 | | 101 | CM | Bulk |
| 18-46-00 | 60809 | 18.13 | 46.36 | 0.00 | | 101 | Mat | Bulk |
| 27-12-14 | 62416 | 27.13 | 12.72 | 15.85 | | 101 | CM | Bulk |
| 32-00-00 | 62112 | 31.64 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 34-00-00 | 60810 | 34.50 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.14 | 100.80 | 102.58 | | | | |
| ALL SAMPLES,CV % | | 6.06 | 3.16 | 4.9 | | | | |
| NUMBER OF ANALYSIS | | 13 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| MAYFIELD GRAIN HWY 94 WINGO KY 42088 | | | | | | | | |
| 09-23-30 | 62459 | 8.89 | 23.70 | 29.30 | | 100 | CM | Bulk |
| 09-23-30 | 63088 | 9.12 | 22.73 | 30.85 | | 101 | CM | Bulk |
| 09-23-30 | 63089 | 9.16 | 22.92 | 30.44 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| MAYSLICK MILL MAYSLICK KY 41055 | | | | | | | | |
| 00-00-23 | 62953+ | 0.00 | 0.00 | 24.43 | | 105 | CM | Bulk |
| 03-09-43 | 62371+ | 3.73 | 9.66 | 44.76 | | 102 | CM | Bulk |
| 04-11-41 | 62369+ | 4.39 | 11.40 | 42.58 | | 101 | CM | Bulk |
| 05-12-40 | 62367+ | 5.18 | 12.80 | 41.61 | | 102 | CM | Bulk |
| 08-00-00 | 62717+ | 9.42 | 0.00 | 0.00 | | 113 | CM | Bulk |
| 16-10-20 | 62952 | 16.36 | 10.35 | 21.31 | | 100 | CM | Bulk |
| 16-10-21 | 62954 | 16.30 | 11.07 | 20.82 | * | 100 | CM | Bulk |
| 19-19-19 | 62366 | 15.87 * | 18.42 | 26.04 | | 97 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|-------------|-----------------|--------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| MAYSLICK MILL | MAYSLICK KY | 41055 | | | | | | |
| 22-32-00 | 62372 | 22.78 | 32.53 | 0.00 | | 100 | CM | Bulk |
| 27-00-24 | 62373 | 27.52 | 0.00 | 25.83 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.03 | 99.16 | 106.76 | | | | |
| ALL SAMPLES,CV % | | 8.15 | 3.07 | 10.7 | | | | |
| NUMBER OF ANALYSIS | | 9 | 7 | 8 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| MCGREW FARM CENTER | | SMITHLAND KY | 42081 | | | | | |
| 08-22-30 | 61802 | 8.79 | 22.02 | 31.80 | | 100 | CM | Bulk |
| 08-22-30 | 61805 | 8.71 | 22.78 | 30.71 | | 100 | CM | Bulk |
| 09-07-07 | 61803 | 8.67 | 7.76 | 7.60 | | 98 | CM | Bulk |
| 09-23-30 | 62006 | 9.07 | 22.69 | 30.38 | | 100 | CM | Bulk |
| 10-27-24 | 63150 | 10.50 | 27.18 | 25.11 | | 100 | CM | Bulk |
| 21-17-17 | 62007 | 22.19 | 17.97 | 17.74 | | 102 | CM | Bulk |
| 27-19-06 | 61801 | 27.65 | 19.54 | 6.71 | | 100 | CM | Bulk |
| 32-00-00 | 63151 | 32.51 | 0.00 | 0.00 | | 102 | Mat | Liq |
| ----- | | | | | | | | |
| MEIJER (GRAND) | | GRAND RAPIDS MI | 49544 | | | | | |
| 04-10-03 | 60039 | 3.27 * | 8.87 * | 4.46 | | 95 * | Mnfr | Liq |
| 15-30-15 | 61888+ | 16.93 | 30.41 | 15.31 | | 105 | Blend | Bag |
| ----- | | | | | | | | |
| MILES FARM CENTER (CYN) | | CYNTHIANA KY | 41031 | | | | | |
| 07-07-11 | 63305 | 9.89 | 11.72 | 10.89 | | 123 | CM | Bulk |
| 08-03-02 | 63301 | 6.95 * | 1.93 * | 2.26 | | 82 * | CM | Bulk |
| 10-00-19 | 63304 | 11.48 | 0.00 | 15.39 * | * | 92 * | CM | Bulk |
| 10-10-10 | 62384 | 10.39 | 9.76 | 11.08 | | 103 | CM | Bulk |
| 11-00-16 | 63300 | 14.92 | 0.00 | 8.84 * | | 90 * | CM | Bulk |
| 13-00-14 | 63302 | 12.80 | 0.00 | 14.42 | * | 96 * | CM | Bulk |
| 19-19-19 | 62385 | 18.45 | 18.39 | 20.22 | | 99 | CM | Bulk |
| 20-00-22 | 62381 | 21.85 | 0.00 | 22.18 | | 102 | CM | Bulk |
| 30-11-10 | 62383 | 31.19 | 11.49 | 11.17 | | 101 | CM | Bulk |
| 30-11-10 | 62386 | 30.66 | 11.09 | 11.75 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 105.66 | 100.67 | 96.20 | | | | |
| ALL SAMPLES,CV % | | 14.26 | 29.28 | 18.37 | | | | |
| NUMBER OF ANALYSIS | | 10 | 6 | 10 | | | | |
| Deficiency Rate = 40.00 % | | | | | | | | |
| ----- | | | | | | | | |
| MILES FARM CENTER (EKR) | | EKRON KY | 40117 | | | | | |
| 06-06-06 | 62171 | 7.84 | 6.84 | 6.42 | | 112 | CM | Bulk |
| 09-24-27 | 62177 | 9.89 | 25.09 | 28.17 | | 102 | CM | Bulk |
| 12-24-24 | 62175 | 12.58 | 24.38 | 24.81 | | 101 | CM | Bulk |
| 12-24-24 | 62176 | 12.10 | 23.85 | 25.85 | | 100 | CM | Bulk |
| 16-21-21 | 62172 | 15.77 | 21.52 | 22.43 | | 100 | CM | Bulk |
| 17-17-16 | 62174 | 17.43 | 17.42 | 17.77 | | 101 | CM | Bulk |
| 19-19-19 | 62170 | 19.61 | 19.54 | 19.57 | | 101 | CM | Bulk |
| 22-16-16 | 61806 | 22.47 | 17.88 | 17.03 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| MILES FARM CENTER (EKR) EKRON KY 40117 | | | | | | | | |
| 22-16-16 | 62173 | 22.55 | 16.77 | 17.62 | | 100 | CM | Bulk |
| 24-00-18 | 62178+ | 22.62 | 0.00 | 18.62 | | 98 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.22 | 101.37 | 103.41 | | | | |
| ALL SAMPLES,CV % | | 7.86 | 3.15 | 2.61 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| MILES FARM CENTER (LEB) LEBANON KY 40033 | | | | | | | | |
| 06-16-22 | 61333 | 7.13 | 16.84 | 23.08 | | 103 | CM | Bulk |
| 06-17-23 | 61331 | 7.52 | 17.97 | 23.85 | | 104 | CM | Bulk |
| 08-09-12 | 61337 | 8.84 | 9.32 | 13.12 | | 102 | CM | Bulk |
| 08-21-28 | 61338 | 8.96 | 22.64 | 28.99 | | 104 | CM | Bulk |
| 24-13-17 | 61330 | 24.70 | 13.56 | 17.32 | | 101 | CM | Bulk |
| 24-13-17 | 61332 | 23.92 | 13.27 | 18.53 | | 100 | CM | Bulk |
| 24-13-17 | 61339 | 25.37 | 14.14 | 16.70 | | 103 | CM | Bulk |
| 27-11-15 | 61334 | 28.76 | 11.42 | 14.97 | | 103 | CM | Bulk |
| 27-11-15 | 61335 | 26.87 | 11.87 | 15.45 | | 100 | CM | Bulk |
| 27-11-15 | 61336 | 27.79 | 11.49 | 15.75 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.24 | 101.10 | 102.41 | | | | |
| ALL SAMPLES,CV % | | 3.64 | 2.4 | 3.32 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| MILES FARM CENTER (SAC) SACRAMENTO KY 42372 | | | | | | | | |
| 09-23-30 | 60361 | 8.46 | 23.86 | 29.04 | | 99 | CM | Bulk |
| 09-23-30 | 60362 | 9.28 | 24.03 | 28.95 | | 101 | CM | Bulk |
| 09-23-30 | 60363 | 8.80 | 23.51 | 29.75 | | 100 | CM | Bulk |
| 09-23-30 | 60364 | 8.82 | 23.40 | 30.19 | | 100 | CM | Bulk |
| 09-23-30 | 60365 | 9.38 | 23.81 | 28.02 * | | 99 | CM | Bulk |
| 09-23-30 | 60366 | 8.66 | 22.69 | 30.96 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 8.90 | 23.55 | 29.49 | | 99.9 | | |
| CV, % | | 4.03 | 2.04 | 3.52 | | | | |
| 18-21-18 | 63013 | 17.18 | 23.29 | 19.04 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| MILES FARM CENTER (SHEL) SHELBYVILLE KY 40065 | | | | | | | | |
| 00-00-50 | 62382 | 0.00 | 0.00 | 52.30 | | 105 | Mat | Bulk |
| 00-00-56 | 61189+ | 0.00 | 0.00 | 55.79 | | 100 | CM | Bulk |
| 00-00-56 | 63169+ | 0.00 | 0.00 | 55.67 | | 99 | CM | Bulk |
| 00-00-60 | 61581 | 0.00 | 0.00 | 61.01 | | 102 | Mat | Bulk |
| 00-45-00 | 61582 | 0.00 | 45.67 | 0.00 | | 101 | Mat | Bulk |
| 05-10-15 | 60678 | 5.24 | 10.39 | 15.30 | | 103 | Blend | Bag |
| 05-10-15 | 62662 | 4.33 * | 8.76 * | 15.54 | | 95 * | Blend | Bag |
| 05-10-15 | 62965 | 4.53 * | 8.96 * | 16.40 | | 99 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| MILES FARM CENTER (SHEL) SHELBYVILLE KY 40065 | | | | | | | | |
| 05-10-15 | 63206 | 4.90 | 9.34 | 15.35 | | 98 | Blend | Bag |
| 05-14-39 | 62806+ | 5.35 | 13.64 | 40.70 | | 98 | CM | Bulk |
| 05-20-20 | 62661 | 4.82 | 20.71 | 18.42 * | | 99 | Blend | Bag |
| 05-20-20 | 63080 | 5.79 | 21.07 | 20.27 | | 106 | Blend | Bag |
| 06-12-12 | 62634 | 7.12 | 12.15 | 11.17 | | 104 | Blend | Bag |
| 06-24-24 | 60227 | 5.87 | 24.66 | 24.01 | | 101 | Blend | Bag |
| 06-24-24 | 60673 | 6.10 | 24.82 | 24.05 | | 102 | Blend | Bag |
| 06-24-24 | 61776 | 5.95 | 23.40 | 24.14 | | 99 | Blend | Bag |
| 06-24-24 | 62803+ | 5.79 | 23.70 | 26.45 | | 100 | CM | Bulk |
| 06-24-24 | 62963 | 5.64 | 24.15 | 24.42 | | 100 | Blend | Bag |
| Statistical Analysis for Grade : 06-24-24 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 5.87 | 24.15 | 24.61 | | 100.3 | | |
| CV, % | | 2.94 | 2.51 | 4.22 | | | | |
| 09-18-27 | 63303 | 8.78 | 17.29 | 27.35 | | 99 | Blend | Bag |
| 09-25-26 | 63172 | 10.21 | 25.97 | 26.75 | | 101 | CM | Bulk |
| 09-25-26 | 63173 | 9.97 | 25.63 | 26.65 | | 100 | CM | Bulk |
| 10-10-10 | 60228 | 9.18 | 10.11 | 10.47 | | 98 | Blend | Bag |
| 10-10-10 | 60473 | 10.27 | 10.03 | 10.26 | | 102 | Blend | Bag |
| 10-10-10 | 60672 | 9.20 | 9.68 | 10.76 | | 97 | Blend | Bag |
| 10-10-10 | 60898 | 13.07 | 13.02 | 11.80 | | 128 | Blend | Bag |
| 10-10-10 | 61131 | 10.54 | 10.31 | 9.42 | | 102 | Blend | Bag |
| 10-10-10 | 61313 | 10.07 | 9.81 | 9.40 | | 98 | Blend | Bag |
| 10-10-10 | 61426 | 8.61 * | 8.81 * | 11.19 | | 92 * | Blend | Bag |
| 10-10-10 | 61597 | 10.71 | 9.81 | 10.21 | | 103 | Blend | Bag |
| 10-10-10 | 62274 | 9.44 | 9.65 | 10.61 | | 98 | Blend | Bag |
| 10-10-10 | 62632 | 10.92 | 11.50 | 10.34 | | 110 | Blend | Bag |
| 10-10-10 | 62663 | 8.76 * | 9.21 | 10.14 | | 92 * | Blend | Bag |
| 10-10-10 | 62864 | 9.07 * | 8.86 * | 10.43 | | 93 * | Blend | Bag |
| 10-10-10 | 62875 | 8.05 * | 7.70 * | 10.34 | | 84 * | Blend | Bag |
| 10-10-10 | 62964 | 8.48 * | 8.65 * | 9.97 | | 89 * | Blend | Bag |
| 10-10-10 | 63081 | 9.80 | 9.79 | 9.58 | | 98 | Blend | Bag |
| 10-10-10 | 63104 | 8.93 * | 9.21 | 9.84 | | 92 * | Blend | Bag |
| 10-10-10 | 63208 | 9.50 | 9.42 | 10.34 | | 96 * | Blend | Bag |
| 10-10-10 | 63216 | 9.77 | 9.64 | 10.27 | | 98 | Blend | Bag |
| 10-10-10 | 63245 | 11.64 | 10.38 | 11.16 | | 110 | Blend | Bag |
| 10-10-10 | 63306 | 9.40 | 9.37 | 9.75 | | 95 * | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 20 | | | | | | | | |
| Average Analysis : | | 9.77 | 9.75 | 10.31 | | 98.7 | | |
| CV, % | | 12.13 | 11.2 | 5.85 | | | | |
| 10-20-20 | 61314 | 10.00 | 20.34 | 20.30 | | 101 | Blend | Bag |
| 12-12-12 | 60373 | 10.42 * | 10.57 * | 12.81 | | 93 * | Blend | Bag |
| 12-12-12 | 61599 | 11.88 | 12.34 | 12.15 | | 101 | Blend | Bag |
| 15-00-05 | 63170 | 15.29 | 0.00 | 6.35 | | 103 | CM | Bulk |
| 15-15-15 | 60016 | 14.02 | 14.54 | 15.55 | | 97 | Blend | Bag |
| 15-15-15 | 62275 | 16.05 | 15.56 | 15.68 | | 105 | Blend | Bag |
| 15-15-15 | 62865 | 14.73 | 14.79 | 14.46 | | 98 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|---------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| MILES FARM CENTER (SHEL) SHELBYVILLE KY 40065 | | | | | | | | |
| 15-15-15 | 63035 | 17.28 | 15.63 | 15.19 | | 108 | Blend | Bag |
| 15-15-15 | 63103 | 14.32 | 14.65 | 14.08 | | 96 * | Blend | Bag |
| Statistical Analysis for Grade : 15-15-15 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 15.28 | 15.03 | 14.99 | | 100.9 | | |
| CV, % | | 8.91 | 3.47 | 4.65 | | | | |
| 18-04-27 | 63174 | 18.07 | 4.82 | 28.17 | | 100 | CM | Bulk |
| 18-07-25 | 63166 | 17.98 | 7.03 | 27.79 | | 102 | CM | Bulk |
| 18-24-12 | 60474 | 17.51 | 22.23 * | 13.25 | | 98 | Blend | Bag |
| 18-24-12 | 61598 | 18.13 | 23.27 | 11.97 | | 99 | Blend | Bag |
| 18-46-00 | 61583 | 17.73 | 46.15 | 0.00 | | 100 | Mat | Bulk |
| 19-00-28 | 63168 | 18.68 | 0.00 | 29.23 | | 99 | CM | Bulk |
| 19-18-19 | 62352 | 18.82 | 18.38 | 20.10 | | 100 | CM | Bulk |
| 19-18-19 | 62353 | 19.29 | 19.12 | 18.94 | | 101 | CM | Bulk |
| 19-19-19 | 60017 | 19.21 | 19.76 | 18.02 | | 100 | Blend | Bag |
| 19-19-19 | 60539 | 19.91 | 18.58 | 18.62 | | 101 | Blend | Bag |
| 19-19-19 | 60671 | 18.96 | 20.06 | 18.99 | | 102 | Blend | Bag |
| 19-19-19 | 61425 | 18.61 | 18.20 | 20.38 | | 99 | Blend | Bag |
| 19-19-19 | 62158 | 18.85 | 18.98 | 19.47 | | 100 | Blend | Bag |
| 19-19-19 | 62276 | 18.98 | 19.63 | 19.22 | | 101 | Blend | Bag |
| 19-19-19 | 62633 | 17.55 | 18.20 | 21.76 | | 98 | Blend | Bag |
| 19-19-19 | 62805 | 18.91 | 19.29 | 19.48 | | 101 | CM | Bulk |
| 19-19-19 | 62866 | 19.28 | 19.14 | 19.10 | | 101 | Blend | Bag |
| 19-19-19 | 63034 | 19.40 | 19.35 | 18.42 | | 101 | Blend | Bag |
| 19-19-19 | 63207 | 18.38 | 19.01 | 20.14 | | 100 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 11 | | | | | | | | |
| Average Analysis : | | 18.91 | 19.11 | 19.42 | | 100.5 | | |
| CV, % | | 3.22 | 3.16 | 5.36 | | | | |
| 19-28-11 | 61198 | 19.79 | 28.83 | 12.20 | | 101 | CM | Bulk |
| 20-10-10 | 61312 | 18.72 | 9.27 | 10.52 | | 95 * | Blend | Bag |
| 20-10-10 | 63102 | 18.90 | 10.16 | 10.59 | | 98 | Blend | Bag |
| 20-13-22 | 61197 | 20.93 | 13.93 | 23.35 | | 102 | CM | Bulk |
| 23-11-17 | 63171 | 22.21 | 11.29 | 19.27 | | 100 | CM | Bulk |
| 24-35-00 | 62351 | 24.06 | 35.55 | 0.00 | | 99 | CM | Bulk |
| 28-08-16 | 63167 | 28.10 | 8.53 | 16.90 | | 100 | CM | Bulk |
| 30-08-13 | 62804 | 30.45 | 8.81 | 13.54 | | 100 | CM | Bulk |
| 30-25-00 | 61196 | 30.73 | 24.53 | 0.00 | | 100 | CM | Bulk |
| 34-00-00 | 61585 | 33.34 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 46-00-00 | 61584 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.69 | 98.89 | 102.70 | | | | |
| ALL SAMPLES,CV % | | 7.87 | 6.9 | 4.83 | | | | |
| NUMBER OF ANALYSIS | | 75 | 72 | 74 | | | | |
| Deficiency Rate = 18.75 % | | | | | | | | |
| ----- | | | | | | | | |
| MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301 | | | | | | | | |
| 00-00-00 | 60819+ | 0.00 | 0.00 | 0.00 | | | Mat | Bulk |
| 00-00-00 | 61114+ | 0.00 | 0.00 | 0.00 | | | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|------|------|-------|-------|-------|------|------|
| ----- | | | | | | | | |
| MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301 | | | | | | | | |
| 00-00-00 | 62395+ | 0.00 | 0.00 | 0.00 | | | Mnfr | Bulk |
| 00-00-22 | 61112+ | 0.00 | 0.00 | 22.24 | | 101 | Mat | Bulk |
| 00-00-50 | 60644 | 0.00 | 0.00 | 50.08 | | 100 | Mat | Bulk |
| 00-00-50 | 61192 | 0.00 | 0.00 | 49.69 | | 99 | Mat | Bulk |
| 00-00-50 | 62021 | 0.00 | 0.00 | 50.62 | | 101 | Mat | Bulk |
| 00-00-50 | 62144 | 0.00 | 0.00 | 50.72 | | 101 | Mat | Bulk |
| 00-00-50 | 62302 | 0.00 | 0.00 | 51.60 | | 103 | Mat | Bulk |
| 00-00-50 | 62328 | 0.00 | 0.00 | 51.27 | | 103 | Mat | Bulk |
| 00-00-50 | 62719 | 0.00 | 0.00 | 51.42 | | 103 | Mat | Bulk |
| 00-00-50 | 62986 | 0.00 | 0.00 | 50.91 | | 102 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-50 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 50.79 | | 101.6 | | |
| CV, % | | 0 | 0 | 1.3 | | | | |
| 00-00-60 | 60152 | 0.00 | 0.00 | 59.49 | | 99 | Mat | Bulk |
| 00-00-60 | 60154 | 0.00 | 0.00 | 58.79 | | 98 | Mat | Bulk |
| 00-00-60 | 60230 | 0.00 | 0.00 | 60.12 | | 100 | Mat | Bulk |
| 00-00-60 | 60402 | 0.00 | 0.00 | 61.33 | | 102 | Mat | Bulk |
| 00-00-60 | 60434 | 0.00 | 0.00 | 61.45 | | 102 | Mat | Bulk |
| 00-00-60 | 60541 | 0.00 | 0.00 | 60.84 | | 101 | Mat | Bulk |
| 00-00-60 | 60610 | 0.00 | 0.00 | 60.95 | | 102 | Mat | Bulk |
| 00-00-60 | 60624 | 0.00 | 0.00 | 60.99 | | 102 | Mat | Bulk |
| 00-00-60 | 60639 | 0.00 | 0.00 | 60.51 | | 101 | Mat | Bulk |
| 00-00-60 | 60647 | 0.00 | 0.00 | 60.79 | | 101 | Mat | Bulk |
| 00-00-60 | 60682 | 0.00 | 0.00 | 60.08 | | 100 | Mat | Bulk |
| 00-00-60 | 60694 | 0.00 | 0.00 | 60.04 | | 100 | Mat | Bulk |
| 00-00-60 | 60695 | 0.00 | 0.00 | 61.22 | | 102 | Mat | Bulk |
| 00-00-60 | 60718 | 0.00 | 0.00 | 61.01 | | 102 | Mat | Bulk |
| 00-00-60 | 60794 | 0.00 | 0.00 | 60.84 | | 101 | Mat | Bulk |
| 00-00-60 | 60797 | 0.00 | 0.00 | 60.87 | | 101 | Mat | Bulk |
| 00-00-60 | 60798 | 0.00 | 0.00 | 60.42 | | 101 | Mat | Bulk |
| 00-00-60 | 60818 | 0.00 | 0.00 | 60.27 | | 100 | Mat | Bulk |
| 00-00-60 | 60825 | 0.00 | 0.00 | 59.12 | | 99 | Mat | Bulk |
| 00-00-60 | 61109 | 0.00 | 0.00 | 60.37 | | 101 | Mat | Bulk |
| 00-00-60 | 61237 | 0.00 | 0.00 | 60.11 | | 100 | Mat | Bulk |
| 00-00-60 | 61404 | 0.00 | 0.00 | 60.27 | | 100 | Mat | Bulk |
| 00-00-60 | 62022 | 0.00 | 0.00 | 60.36 | | 101 | Mat | Bulk |
| 00-00-60 | 62142 | 0.00 | 0.00 | 59.20 | | 99 | Mat | Bulk |
| 00-00-60 | 62153 | 0.00 | 0.00 | 60.95 | | 102 | Mat | Bulk |
| 00-00-60 | 62157 | 0.00 | 0.00 | 59.94 | | 100 | Mat | Bulk |
| 00-00-60 | 62299 | 0.00 | 0.00 | 60.39 | | 101 | Mat | Bulk |
| 00-00-60 | 62324 | 0.00 | 0.00 | 60.41 | | 101 | Mat | Bulk |
| 00-00-60 | 62325 | 0.00 | 0.00 | 58.94 | | 98 | Mat | Bulk |
| 00-00-60 | 62394 | 0.00 | 0.00 | 60.28 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|--------|---------|-------|-------|-------|-------|------|
| ----- | | | | | | | | |
| MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301 | | | | | | | | |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 30 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.35 | | 100.6 | | |
| CV, % | | 0 | 0 | 1.15 | | | | |
| 00-14-40 | 60403 | 0.00 | 15.69 | 40.24 | | 102 | CM | Bulk |
| 00-14-40 | 60404 | 0.00 | 16.11 | 39.34 | | 101 | CM | Bulk |
| 00-15-20 | 60405 | 0.00 | 16.38 | 20.68 | | 105 | CM | Bulk |
| 00-15-20 | 60406 | 0.00 | 17.12 | 20.31 | | 106 | CM | Bulk |
| 00-15-20 | 60411 | 0.00 | 16.04 | 20.85 | | 104 | CM | Bulk |
| 00-15-40 | 60407 | 0.00 | 16.09 | 39.65 | | 101 | CM | Bulk |
| 00-15-40 | 60408 | 0.00 | 16.13 | 39.50 | | 101 | CM | Bulk |
| 00-15-40 | 60409 | 0.00 | 15.37 | 40.89 | | 102 | CM | Bulk |
| 00-15-40 | 60410 | 0.00 | 15.66 | 40.75 | | 103 | CM | Bulk |
| 00-45-00 | 60231 | 0.00 | 45.25 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 60412 | 0.00 | 45.33 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 60436 | 0.00 | 45.65 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 60438 | 0.00 | 45.40 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 60543 | 0.00 | 45.69 | 0.00 | | 102 | Mat | Bulk |
| 00-45-00 | 60685 | 0.00 | 46.10 | 0.00 | | 102 | Mat | Bulk |
| 00-45-00 | 61938 | 0.00 | 46.43 | 0.00 | | 103 | Mat | Bulk |
| 00-45-00 | 62141 | 0.00 | 45.38 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 62303 | 0.00 | 46.96 | 0.00 | | 104 | Mat | Bulk |
| 00-45-00 | 62469 | 0.00 | 46.60 | 0.00 | | 104 | Mat | Bulk |
| Statistical Analysis for Grade : 00-45-00 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 0.00 | 45.88 | 0.00 | | 102.0 | | |
| CV, % | | 0 | 1.32 | 0 | | | | |
| 00-46-00 | 61193 | 0.00 | 45.76 | 0.00 | | 99 | Mat | Bulk |
| 07-24-04 | 62490 | 7.36 | 23.97 | 4.13 | | 101 | Blend | Liq |
| 07-24-04 | 62611 | 7.28 | 23.59 | 4.30 | | 100 | Blend | Liq |
| 07-24-04 | 63139 | 7.69 | 23.56 | 4.32 | | 101 | Blend | Liq |
| 09-23-30 | 62295 | 8.44 | 21.90 | 32.56 | | 99 | CM | Bulk |
| 09-23-30 | 62296 | 8.03 * | 20.80 * | 33.11 | | 97 * | CM | Bulk |
| 09-23-30 | 62297 | 8.40 | 21.44 * | 32.54 | | 98 | CM | Bulk |
| 09-23-30 | 62298 | 8.22 | 21.72 | 31.80 | | 98 | CM | Bulk |
| 09-23-30 | 62304 | 8.65 | 23.59 | 29.97 | | 100 | CM | Bulk |
| 09-23-30 | 62305 | 8.65 | 22.96 | 30.49 | | 100 | CM | Bulk |
| 09-23-30 | 62609 | 9.20 | 23.54 | 29.27 | | 101 | CM | Bulk |
| 09-23-30 | 62610 | 9.54 | 23.87 | 29.02 | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 8.64 | 22.48 | 31.09 | | 99.3 | | |
| CV, % | | 5.82 | 5.15 | 5.16 | | | | |
| 11-52-00 | 60641 | 10.72 | 52.90 | 0.00 | | 101 | Mat | Bulk |
| 11-52-00 | 60822 | 10.89 | 51.81 | 0.00 | | 100 | Mat | Bulk |
| 11-52-00 | 61111 | 10.43 | 52.29 | 0.00 | | 100 | Mat | Bulk |
| 11-52-00 | 62190 | 10.81 | 52.64 | 0.00 | | 101 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|-------|-------|-------|------|------|------|
| ----- | | | | | | | | |
| MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301 | | | | | | | | |
| 18-17-22 | 62306 | 16.80 * | 18.02 | 24.15 | | 100 | CM | Bulk |
| 18-46-00 | 60153 | 17.73 | 45.51 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60229 | 17.69 | 45.17 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 60401 | 17.53 | 45.65 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60435 | 17.77 | 46.27 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60437 | 17.61 | 46.21 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60542 | 18.21 | 45.91 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60626 | 17.78 | 46.33 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60638 | 17.51 | 46.33 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60646 | 17.94 | 45.68 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60683 | 17.97 | 46.34 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60692 | 18.01 | 45.35 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60697 | 17.96 | 45.41 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60717 | 17.83 | 45.68 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60769 | 17.90 | 46.86 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60791 | 17.86 | 46.57 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60792 | 17.87 | 46.51 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60793 | 17.91 | 46.67 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60795 | 17.83 | 46.56 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60796 | 17.93 | 45.46 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60799 | 17.54 | 45.92 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60820 | 18.41 | 45.56 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60824 | 17.92 | 46.04 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61110 | 17.83 | 45.67 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61190 | 17.68 | 46.59 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61238 | 17.97 | 45.92 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61406 | 18.00 | 45.05 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61940 | 16.71 | 46.16 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 62127 | 17.92 | 46.06 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62143 | 17.51 | 45.30 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 62155 | 17.85 | 45.49 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62156 | 17.58 | 46.32 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62300 | 17.78 | 45.69 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62323 | 17.86 | 45.37 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62326 | 17.77 | 46.06 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62600 | 18.11 | 46.52 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 62745 | 18.03 | 45.54 | 0.00 | | 99 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 36 | | | | | | | | |
| Average Analysis : | | 17.81 | 45.94 | 0.00 | | 99.6 | | |
| CV, % | | 1.52 | 1.05 | 0 | | | | |
| 21-00-00 | 60643+ | 21.25 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 22-11-15 | 62688 | 22.96 | 12.03 | 15.77 | | 102 | CM | Bulk |
| 24-08-11 | 62689+ | 28.72 | 8.86 | 11.17 | | 110 | CM | Bulk |
| 26-12-15 | 62690 | 26.89 | 11.98 | 16.51 | | 101 | CM | Bulk |
| 28-00-00 | 63014 | 28.00 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 28-00-00 | 63140 | 27.71 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 28-00-00 | 63185 | 27.76 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 28-00-00 | 63188 | 27.71 | 0.00 | 0.00 | | 99 | Mat | Liq |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| MILES FARM SUPPLY (OWEN) OWENSBORO KY 42301 | | | | | | | | |
| 28-00-00 | 63298 | 27.86 | 0.00 | 0.00 | | 100 | Mat | Liq |
| Statistical Analysis for Grade : 28-00-00 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 27.81 | 0.00 | 0.00 | | 99.3 | | |
| CV, % | | 0.44 | 0 | 0 | | | | |
| 32-00-00 | 62612 | 31.64 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 32-00-00 | 62977 | 31.54 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 32-00-00 | 63152 | 31.83 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 32-00-00 | 63297 | 31.88 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 33-00-00 | 60645 | 34.24 | 0.00 | 0.00 | | 104 | Mat | Bulk |
| 34-00-00 | 61108 | 33.78 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 61697 | 33.76 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 60611 | 46.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60625 | 45.81 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60640 | 46.01 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60642 | 45.84 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60684 | 45.90 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60693 | 46.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60696 | 46.00 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60716 | 45.93 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60782 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60826 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61113 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61191 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61195 | 45.48 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 61405 | 46.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61939 | 46.04 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62126 | 46.14 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62140 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62152 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62154 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62301 | 46.12 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62322 | 46.00 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62327 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62393 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 46-00-00 | | | | | | | | |
| Number of Samples This Grade : 23 | | | | | | | | |
| Average Analysis : | | 46.01 | 0.00 | 0.00 | | 100.0 | | |
| CV, % | | 0.33 | 0 | 0 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.40 | 100.92 | 101.64 | | | | |
| ALL SAMPLES,CV % | | 3.37 | 3.3 | 2.79 | | | | |
| NUMBER OF ANALYSIS | | 91 | 75 | 63 | | | | |
| Deficiency Rate = 1.96 % | | | | | | | | |
| ----- | | | | | | | | |
| MILES FARM SUPPLY (UPT) UPTON KY 42784 | | | | | | | | |
| 01-07-49 | 61723+ | 1.68 | 7.71 | 50.41 | | 102 | CM | Bulk |
| 19-11-22 | 61722+ | 17.58 | 11.27 | 24.39 | | 98 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|---------|-------|-----|-------|------|
| ----- | | | | | | | | |
| MILES FARM SUPPLY (UPT) UPTON KY 42784 | | | | | | | | |
| 19-19-19 | 61130 | 18.32 | 18.94 | 21.20 | | 99 | CM | Bulk |
| 19-19-19 | 61221 | 18.89 | 18.64 | 21.41 | | 100 | CM | Bulk |
| 19-19-19 | 61721 | 18.27 | 19.79 | 21.19 | | 101 | CM | Bulk |
| 24-00-28 | 61719 | 24.16 | 0.00 | 29.17 | | 101 | CM | Bulk |
| 25-07-15 | 61720+ | 25.15 | 7.69 | 17.18 | | 100 | CM | Bulk |
| 25-12-17 | 61724 | 25.11 | 12.78 | 17.36 | | 100 | CM | Bulk |
| 25-14-15 | 61424 | 27.10 | 15.20 | 14.74 | | 104 | CM | Bulk |
| 28-12-12 | 61717 | 28.09 | 12.05 | 14.31 | | 100 | CM | Bulk |
| 32-09-09 | 61718 | 31.31 | 10.37 | 11.04 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.47 | 100.45 | 106.61 | | | | |
| ALL SAMPLES,CV % | | 4.57 | 3.27 | 4.76 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| MILES-GLENDALE FARM SVC. GLENDALE KY 42740 | | | | | | | | |
| 02-06-09 | 60471 | 3.33 | 7.07 | 10.38 | | 111 | CM | Bulk |
| 05-28-27 | 61218 | 5.93 | 27.19 | 28.66 | | 99 | CM | Bulk |
| 09-23-30 | 60472 | 9.18 | 23.07 | 29.32 | | 100 | CM | Bulk |
| 12-32-17 | 61810 | 12.61 | 32.42 | 17.50 | | 99 | CM | Bulk |
| 14-14-29 | 61219 | 15.86 | 15.33 | 27.63 * | | 102 | CM | Bulk |
| 16-12-28 | 61811 | 16.72 | 13.48 | 28.32 | | 102 | CM | Bulk |
| 19-19-19 | 61217 | 20.27 | 19.73 | 19.13 | | 102 | CM | Bulk |
| 21-21-14 | 61216 | 22.48 | 21.87 | 13.96 | | 101 | CM | Bulk |
| 21-25-12 | 61812 | 20.83 | 24.10 | 13.40 | | 98 | CM | Bulk |
| 22-16-16 | 61220 | 23.63 | 17.63 | 16.16 | | 103 | CM | Bulk |
| 29-27-00 | 61418 | 29.69 | 29.04 | 0.00 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.06 | 101.83 | 100.81 | | | | |
| ALL SAMPLES,CV % | | 6.41 | 3.4 | 6.04 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 10 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| MILORGANITE DIV. MMSD MILWAUKEE WI 53201-3049 | | | | | | | | |
| 06-02-00 | 60100+ | 6.59 | 4.56 | 0.00 | | 132 | Mat | Bag |
| 06-02-00 | 63108+ | 6.30 | 3.84 | 0.00 | * | 126 | Mat | Bag |
| ----- | | | | | | | | |
| MIRACLE GRO LAWN PRODUCTS MARYSVILLE OH 43041 | | | | | | | | |
| 22-03-14 | 60220 | 22.86 | 3.24 | 13.41 | | 102 | Mnfr | Bag |
| 22-04-11 | 60145 | 22.38 | 4.24 | 11.63 | | 103 | Blend | Bag |
| 22-04-11 | 60146 | 22.58 | 4.14 | 11.34 | | 103 | Blend | Bag |
| 22-04-11 | 60296 | 24.38 | 6.61 | 10.27 | | 112 | Blend | Bag |
| 29-03-04 | 60097 | 29.03 | 3.29 | 4.24 | | 101 | Blend | Bag |
| 29-03-04 | 60107 | 28.74 | 3.17 | 4.51 | | 101 | Blend | Bag |
| ----- | | | | | | | | |
| MONTYS PLANT FOOD LOUISVILLE KY 40222 | | | | | | | | |
| 08-16-08 | 63307 | 9.10 | 17.01 | 8.88 | | 109 | Mnfr | Liq |
| ----- | | | | | | | | |
| MOSAIC CROP NUTRITION, LLC RIVERVIEW FL 33569 | | | | | | | | |
| 18-46-00 | 62798 | 17.71 | 46.23 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| OLDFIELD, J.A. & SON MIZE KY 41352 | | | | | | | | |
| 00-00-50 | 61280 | 0.00 | 0.00 | 51.94 | | 104 | Mat | Bulk |
| 00-00-60 | 61274 | 0.00 | 0.00 | 61.46 | | 102 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|--------------------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| OLDFIELD, J.A. & SON | | MIZE KY 41352 | | | | | | |
| 00-46-00 | 61278 | 0.00 | 45.64 | 0.00 | | 99 | Mat | Bulk |
| 05-10-15 | 62856 | 4.72 | 9.62 | 15.16 | | 98 | Blend | Bag |
| 05-20-20 | 61282 | 4.67 | 19.77 | 20.38 | | 99 | Blend | Bag |
| 05-20-20 | 62852 | 5.36 | 20.46 | 20.80 | | 104 | Blend | Bag |
| 06-12-12 | 61281 | 5.61 | 11.98 | 12.48 | | 99 | Blend | Bag |
| 08-17-26 | 63214 | 9.60 | 18.37 | 27.14 | | 103 | CM | Bulk |
| 09-18-27 | 62851 | 8.50 | 17.35 | 28.55 | | 100 | Blend | Bag |
| 10-10-10 | 61284 | 8.32 * | 9.65 | 9.48 | | 91 * | Blend | Bag |
| 10-10-10 | 62853 | 9.16 | 10.12 | 9.96 | | 97 | Blend | Bag |
| 12-12-12 | 61283 | 12.37 | 12.92 | 11.74 | | 104 | Blend | Bag |
| 12-12-12 | 62855 | 10.89 * | 11.18 | 12.46 | | 94 * | Blend | Bag |
| 18-13-20 | 63215 | 18.48 | 13.19 | 20.77 | | 101 | CM | Bulk |
| 18-46-00 | 61277 | 17.74 | 45.61 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61279 | 17.79 | 45.96 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 61285 | 19.23 | 20.94 | 18.27 | | 104 | Blend | Bag |
| 19-19-19 | 61286 | 19.21 | 19.29 | 18.81 | | 101 | CM | Bulk |
| 19-19-19 | 62854 | 19.06 | 19.33 | 19.15 | | 101 | Blend | Bag |
| 27-09-14 | 63319 | 27.68 | 9.87 | 14.93 | | 102 | CM | Bulk |
| 46-00-00 | 61275 | 45.77 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61276 | 45.86 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.96 | 100.34 | 101.26 | | | | |
| ALL SAMPLES,CV % | | 6.06 | 4.01 | 2.95 | | | | |
| NUMBER OF ANALYSIS | | 19 | 18 | 17 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| PADUCAH AG SERVICES | | PADUCAH KY 42001 | | | | | | |
| 19-13-17 | 63321 | 19.77 | 13.93 | 16.43 | | 101 | CM | Bulk |
| 19-13-17 | 63322 | 19.39 | 13.51 | 17.95 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| PARRISH SHOP/SALES | | HENDERSON KY 42420 | | | | | | |
| 16-09-09 | 62587 | 17.46 | 9.73 | 10.52 | | 102 | CM | Liq |
| 16-09-09 | 62588 | 17.24 | 9.57 | 11.22 | | 102 | CM | Liq |
| 16-09-09 | 62589 | 17.86 | 9.77 | 10.77 | | 104 | CM | Liq |
| 16-09-09 | 62590 | 17.28 | 9.72 | 11.42 | | 103 | CM | Liq |
| 16-09-09 | 62591 | 17.19 | 9.68 | 11.14 | | 102 | CM | Liq |
| 16-09-09 | 62592 | 17.57 | 9.66 | 10.94 | | 103 | CM | Liq |
| 16-09-09 | 62750 | 17.45 | 9.87 | 10.64 | | 103 | CM | Liq |
| 16-09-09 | 62751 | 17.49 | 9.90 | 10.54 | | 103 | CM | Liq |
| 16-09-09 | 62752 | 17.98 | 9.96 | 9.72 | | 103 | CM | Liq |
| Statistical Analysis for Grade : 16-09-09 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 17.50 | 9.76 | 10.77 | | 102.8 | | |
| CV, % | | 1.54 | 1.29 | 4.67 | | | | |
| 17-09-09 | 62586 | 17.64 | 9.29 | 10.90 | | 102 | CM | Liq |
| 32-00-00 | 62595 | 31.59 | 0.00 | 0.00 | | 99 | Mat | Liq |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---------------------------------------|--------|--------|--------|--------|-------|-----|-------|------|
| PARRISH SHOP/SALES HENDERSON KY 42420 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.04 | 98.11 | 108.89 | | | | |
| ALL SAMPLES,CV % | | 2.03 | 1.34 | 4.61 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| PLEASANT VIEW FARMS AUBURN KY 42206 | | | | | | | | |
| 14-17-22 | 61711 | 15.20 | 17.17 | 22.49 | | 99 | CM | Bulk |
| 16-16-21 | 61714 | 16.77 | 16.15 | 20.73 | | 100 | CM | Bulk |
| 16-16-21 | 61716 | 16.45 | 16.54 | 20.75 | | 100 | CM | Bulk |
| 17-17-17 | 61707 | 17.83 | 18.09 | 17.78 | | 101 | CM | Bulk |
| 19-19-19 | 61708 | 19.23 | 20.23 | 18.47 | | 100 | CM | Bulk |
| 19-19-19 | 61715 | 19.29 | 20.05 | 18.79 | | 101 | CM | Bulk |
| 20-16-12 | 61710 | 21.35 | 16.28 | 12.36 | | 100 | CM | Bulk |
| 24-15-16 | 61712 | 24.42 | 16.37 | 15.15 | | 101 | CM | Bulk |
| 26-23-00 | 61709 | 25.99 | 23.11 | 0.00 | | 100 | CM | Bulk |
| 32-23-00 | 61571 | 31.72 | 23.81 | 0.00 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.66 | 101.76 | 97.00 | | | | |
| ALL SAMPLES,CV % | | 1.19 | 2.68 | 1.77 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 8 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| POLSON FARM SUPPLY KNOBLICK KY 42154 | | | | | | | | |
| 00-00-60 | 60849 | 0.00 | 0.00 | 60.34 | | 101 | Mat | Bulk |
| 18-18-18 | 60837 | 20.92 | 18.27 | 18.42 | | 102 | CM | Bulk |
| 18-46-00 | 60838 | 18.00 | 45.44 | 0.00 | | 99 | Mat | Bulk |
| 19-19-19 | 61047 | 18.94 | 18.70 | 20.85 | | 99 | CM | Bulk |
| 19-19-19 | 61048 | 19.40 | 19.19 | 19.72 | | 100 | CM | Bulk |
| 19-19-19 | 61477 | 19.93 | 19.08 | 20.28 | | 102 | CM | Bulk |
| 25-10-15 | 61045+ | 25.07 | 10.79 | 15.89 | | 99 | CM | Bulk |
| 27-13-13 | 61043 | 26.30 | 13.84 | 15.16 | | 100 | CM | Bulk |
| 27-13-13 | 61476 | 27.71 | 13.97 | 13.55 | | 102 | CM | Bulk |
| 30-00-20 | 61042 | 30.20 | 0.00 | 21.62 | | 101 | CM | Bulk |
| 30-00-20 | 61044 | 31.47 | 0.00 | 21.09 | | 103 | CM | Bulk |
| 30-00-20 | 61046 | 31.07 | 0.00 | 20.99 | | 102 | CM | Bulk |
| 34-00-00 | 60651 | 33.89 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60652 | 46.04 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.67 | 99.13 | 104.07 | | | | |
| ALL SAMPLES,CV % | | 3.57 | 2.1 | 3.91 | | | | |
| NUMBER OF ANALYSIS | | 13 | 8 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| POORE, C D FERTILIZER ALBANY KY 42602 | | | | | | | | |
| 00-00-60 | 60736 | 0.00 | 0.00 | 60.20 | | 100 | Mat | Bulk |
| 10-10-10 | 63292 | 9.89 | 10.30 | 11.03 | | 103 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|------------------------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| POORE, C D FERTILIZER | | ALBANY KY 42602 | | | | | | |
| 12-23-24 | 61462 | 12.54 | 24.59 | 23.42 | | 102 | CM | Bulk |
| 12-23-24 | 61467 | 12.10 | 23.61 | 24.63 | | 100 | CM | Bulk |
| 16-00-18 | 63293 | 16.58 | 0.00 | 17.76 | | 99 | CM | Bulk |
| 16-17-16 | 61466+ | 18.05 | 16.49 | 17.85 | | 102 | CM | Bulk |
| 17-17-17 | 61458 | 18.09 | 17.53 | 18.22 | | 101 | CM | Bulk |
| 18-46-00 | 60733 | 17.90 | 45.42 | 0.00 | | 99 | Mat | Bulk |
| 19-19-19 | 61459 | 19.65 | 20.38 | 19.31 | | 103 | CM | Bulk |
| 19-19-19 | 61460 | 19.38 | 20.35 | 19.73 | | 104 | CM | Bulk |
| 19-19-19 | 61461 | 19.57 | 20.09 | 19.28 | | 104 | CM | Bulk |
| 19-19-19 | 61463 | 19.86 | 19.38 | 19.76 | | 101 | CM | Bulk |
| 19-19-19 | 61464 | 19.79 | 19.95 | 19.46 | | 104 | CM | Bulk |
| 19-19-19 | 63291 | 19.37 | 18.17 | 18.56 | | 99 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : | | 6 | | | | | | |
| Average Analysis : | | 19.60 | 19.72 | 19.35 | | 102.5 | | |
| CV, % | | 1.04 | 4.27 | 2.26 | | | | |
| 21-00-00 | 60735+ | 21.39 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 27-11-11 | 61465+ | 29.11 | 11.39 | 11.27 | | 104 | CM | Bulk |
| 34-00-00 | 60737 | 34.22 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 46-00-00 | 60734 | 46.08 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.07 | 101.30 | 101.58 | | | | |
| ALL SAMPLES,CV % | | 2.25 | 3.61 | 3.47 | | | | |
| NUMBER OF ANALYSIS | | 17 | 13 | 14 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| PURSELL INDUSTRIES | | SYLACAUGA AL 35150 | | | | | | |
| 17-05-11 | 60287 | 17.79 | 8.98 | 13.22 | | 118 | Mnfr | Bag |
| 20-27-05 | 60091+ | 19.32 | 25.96 | 6.23 | | 98 | Blend | Bag |
| 29-03-04 | 60157+ | 30.51 | 3.15 | 4.27 | | 105 | Blend | Bag |
| 29-03-04 | 63097 | 17.84 * | 1.97 * | 6.76 | | 68 * | Blend | Bag |
| ----- | | | | | | | | |
| REGENERATED RESOURCES LLC | | PARIS AR 01701 | | | | | | |
| 04-06-04 | 60004+ | 4.42 | 2.48 * | 3.51 * | | 78 * | Blend | Bag |
| ----- | | | | | | | | |
| RICH POND CROP SVC. | | BOWLING GREEN KY 42104 | | | | | | |
| 06-28-26 | 62124 | 6.44 | 32.35 | 23.38 * | | 104 | CM | Bulk |
| 06-28-26 | 62125 | 5.47 * | 27.28 | 29.40 | | 98 | CM | Bulk |
| 08-22-29 | 61701 | 8.91 | 23.07 | 29.16 | | 101 | CM | Bulk |
| 08-22-29 | 61702 | 8.69 | 22.69 | 29.88 | | 100 | CM | Bulk |
| 11-30-19 | 61849 | 26.02 | 30.85 | 1.06 * | | 110 | CM | Bulk |
| 13-34-15 | 60280 | 13.39 | 34.42 | 15.36 | | 100 | CM | Bulk |
| 13-34-15 | 60281 | 13.41 | 34.32 | 15.30 | | 100 | CM | Bulk |
| 13-34-15 | 60282 | 13.42 | 34.53 | 15.39 | | 100 | CM | Bulk |
| 18-19-19 | 61848 | 18.92 | 19.19 | 19.48 | | 100 | CM | Bulk |
| 19-19-19 | 61704 | 19.10 | 20.53 | 19.05 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-----|-------|------|
| RICH POND CROP SVC. BOWLING GREEN KY 42104 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 111.06 | 101.39 | 90.98 | | | | |
| ALL SAMPLES,CV % | | 34.39 | 4.42 | 33.62 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 30.00 % | | | | | | | | |
| RIPS FARM CENTER TOLLESBORO KY 41189 | | | | | | | | |
| 00-00-51 | 63109 | 0.00 | 0.00 | 51.52 | | 101 | Mat | Bulk |
| 00-00-60 | 62375 | 0.00 | 0.00 | 61.16 | | 102 | Mat | Bulk |
| 05-10-15 | 63114 | 5.73 | 10.06 | 15.88 | | 106 | Blend | Bulk |
| 06-12-18 | 63119 | 6.46 | 11.61 | 18.50 | | 98 | CM | Bulk |
| 09-18-28 | 63113 | 9.19 | 18.05 | 28.05 | | 98 | CM | Bulk |
| 14-12-18 | 63118 | 13.86 | 11.68 | 18.93 | | 99 | CM | Bulk |
| 14-14-14 | 63117 | 13.28 | 14.36 | 14.98 | | 97 | CM | Bulk |
| 15-09-14 | 63115 | 16.40 | 8.89 | 15.32 | | 100 | CM | Bulk |
| 15-09-14 | 63116 | 15.26 | 9.24 | 15.35 | | 98 | CM | Bulk |
| 18-46-00 | 63110 | 17.83 | 45.73 | 0.00 | | 99 | Mat | Bulk |
| 19-19-19 | 62376 | 18.51 | 19.54 | 20.96 | | 100 | CM | Bulk |
| 19-19-19 | 62377 | 18.69 | 19.33 | 20.82 | | 100 | CM | Bulk |
| 27-13-13 | 63120 | 27.60 | 14.23 | 13.64 | | 102 | CM | Bulk |
| 29-00-18 | 63112 | 29.24 | 0.00 | 19.15 | | 101 | CM | Bulk |
| 46-00-00 | 63111 | 46.02 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.78 | 98.29 | 103.12 | | | | |
| ALL SAMPLES,CV % | | 5.59 | 4.12 | 2.83 | | | | |
| NUMBER OF ANALYSIS | | 13 | 11 | 13 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ROOTBLAST INTERNATIONAL INC CANTON OH 44707 | | | | | | | | |
| 02-01-02 | 62748+ | 1.94 | 1.40 | 2.31 | | 112 | Blend | Bag |
| ROYSER CLARK (ADAIR) ADAIRVILLE KY | | | | | | | | |
| 04-02-45 | 61983+ | 4.49 | 2.16 | 46.84 | | 104 | CM | Bulk |
| 08-22-27 | 61979+ | 8.02 | 20.98 | 28.42 | | 100 | CM | Bulk |
| 09-13-30 | 61969+ | 8.98 | 13.75 | 30.16 | | 101 | CM | Bulk |
| 09-13-30 | 61970+ | 9.33 | 14.10 | 30.18 | | 103 | CM | Bulk |
| 09-14-30 | 61978+ | 8.96 | 13.29 | 31.32 | | 101 | CM | Bulk |
| 09-14-30 | 61980+ | 9.35 | 13.96 | 30.02 | | 102 | CM | Bulk |
| 09-14-30 | 61981+ | 8.73 | 13.54 | 31.35 | | 101 | CM | Bulk |
| 09-14-30 | 61982+ | 9.01 | 13.50 | 30.67 | | 101 | CM | Bulk |
| 11-20-24 | 61984+ | 10.47 | 19.34 | 25.30 | | 99 | CM | Bulk |
| 22-09-09 | 61971+ | 22.53 | 8.17 | 8.98 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|------|------|
| ROYSER CLARK (ADAIR) ADAIRVILLE KY | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.49 | 100.33 | 103.36 | | | | |
| ALL SAMPLES,CV % | | 2.65 | 4.15 | 1.84 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ROYSER CLARK (COLL) COLLINSVILLE IL 62234-1986 | | | | | | | | |
| 00-00-50 | 62042 | 0.00 | 0.00 | 50.03 | | 100 | Mat | Bulk |
| 00-00-50 | 62879 | 0.00 | 0.00 | 51.48 | | 103 | Mat | Bulk |
| 00-00-60 | 60547 | 0.00 | 0.00 | 60.04 | | 100 | Mat | Bulk |
| 00-00-60 | 60929 | 0.00 | 0.00 | 61.45 | | 102 | Mat | Bulk |
| 00-00-60 | 61972 | 0.00 | 0.00 | 61.08 | | 102 | Mat | Bulk |
| 00-00-60 | 62045 | 0.00 | 0.00 | 59.89 | | 100 | Mat | Bulk |
| 00-00-60 | 62399 | 0.00 | 0.00 | 60.25 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.54 | | 100.9 | | |
| CV, % | | 0 | 0 | 1.13 | | | | |
| 00-45-00 | 60544 | 0.00 | 45.77 | 0.00 | | 102 | Mat | Bulk |
| 00-45-00 | 60546 | 0.00 | 45.37 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 62041 | 0.00 | 45.45 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 62402 | 0.00 | 45.36 | 0.00 | | 101 | Mat | Bulk |
| 05-20-20 | 61976+ | 5.89 | 18.77 | 20.28 | | 100 | Mnfr | Bulk |
| 05-20-20 | 62846+ | 5.12 | 19.48 | 21.63 | | 101 | Mnfr | Bulk |
| 06-12-18 | 61975+ | 6.80 | 12.59 | 17.89 | | 104 | Mnfr | Bulk |
| 06-12-18 | 63025+ | 6.41 | 12.56 | 18.66 | | 105 | Mnfr | Bulk |
| 18-08-00 | 60548 | 17.93 | 8.46 | 0.00 | | 101 | Mnfr | Bulk |
| 18-08-00 | 62043+ | 17.36 | 8.11 | 0.00 | | 98 | Mnfr | Bulk |
| 18-08-00 | 62044+ | 17.94 | 8.31 | 0.00 | | 101 | Mnfr | Bulk |
| 18-08-00 | 62403+ | 18.29 | 8.67 | 0.00 | | 104 | Mnfr | Bulk |
| 18-46-00 | 60545 | 17.98 | 46.19 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60930 | 17.85 | 45.62 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61974 | 17.80 | 45.67 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62039 | 17.67 | 45.44 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62401 | 17.94 | 45.42 | 0.00 | | 99 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 17.85 | 45.67 | 0.00 | | 99.2 | | |
| CV, % | | 0.69 | 0.68 | 0 | | | | |
| 28-00-00 | 62009 | 28.34 | 0.00 | 0.00 | | 101 | Mat | Liq |
| 32-00-00 | 60957 | 31.98 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 32-00-00 | 61144 | 31.73 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 32-00-00 | 61669 | 31.93 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 32-00-00 | 62631 | 31.59 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 32-00-00 | 62685 | 31.93 | 0.00 | 0.00 | | 100 | Mat | Liq |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|-------|------|
| ROYSER CLARK (COLL) COLLINSVILLE IL 62234-1986 | | | | | | | | |
| Statistical Analysis for Grade : 32-00-00 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 31.83 | 0.00 | 0.00 | | 99.5 | | |
| CV, % | | 0.52 | 0 | 0 | | | | |
| 34-00-00 | 60931 | 33.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 61973 | 33.71 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 60932 | 45.88 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61977 | 46.02 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62040 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62400 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.24 | 101.23 | 101.83 | | | | |
| ALL SAMPLES,CV % | | 4.66 | 3.44 | 2.47 | | | | |
| NUMBER OF ANALYSIS | | 25 | 17 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ROYSER CLARK (FANC) FANCY FARM KY 42039 | | | | | | | | |
| 08-20-32 | 61670 | 8.23 | 20.79 | 32.32 | | 99 | CM | Bulk |
| 08-20-32 | 61671 | 8.07 | 20.84 | 32.06 | | 99 | CM | Bulk |
| 08-20-32 | 61672 | 8.37 | 21.45 | 31.62 | | 100 | CM | Bulk |
| 08-20-32 | 61673 | 8.48 | 20.95 | 31.97 | | 100 | CM | Bulk |
| 08-20-32 | 61755 | 8.31 | 20.96 | 32.56 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 08-20-32 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 8.29 | 21.00 | 32.11 | | 99.7 | | |
| CV, % | | 1.86 | 1.25 | 1.11 | | | | |
| 09-23-30 | 61754 | 9.52 | 23.28 | 29.18 | | 101 | CM | Bulk |
| 09-23-30 | 62064 | 8.98 | 22.91 | 30.86 | | 101 | CM | Bulk |
| 09-23-30 | 62065 | 8.95 | 23.18 | 30.56 | | 101 | CM | Bulk |
| 09-23-30 | 62066 | 9.19 | 24.04 | 29.27 | | 102 | CM | Bulk |
| 09-23-30 | 62067 | 8.74 | 22.82 | 30.53 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 9.08 | 23.25 | 30.08 | | 100.8 | | |
| CV, % | | 3.25 | 2.07 | 2.63 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.10 | 100.75 | 99.18 | | | | |
| ALL SAMPLES,CV % | | 2.51 | 1.65 | 2.24 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ROYSER CLARK (FLO) FLORENCE AL 35631 | | | | | | | | |
| 13-13-13 | 61509+ | 13.35 | 14.48 | 12.76 | | 105 | Blend | Bag |
| ROYSER CLARK (FRAN) FRANKLIN KY 42134 | | | | | | | | |
| 00-19-28 | 61853+ | 0.00 | 20.54 | 28.25 | | 104 | CM | Bulk |
| 07-17-11 | 60507 | 8.12 | 19.59 | 12.91 | | 111 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------------------|---------|---------|-------|------|------|------|
| ----- | | | | | | | | |
| ROYSTER CLARK (FRAN) | | FRANKLIN KY 42134 | | | | | | |
| 07-17-11 | 60508 | 7.82 | 18.96 | 12.38 | | 107 | CM | Bulk |
| 07-17-11 | 60509 | 7.48 | 18.11 | 12.24 | | 104 | CM | Bulk |
| 09-25-21 | 61845 | 9.98 | 25.03 | 22.93 | | 101 | CM | Bulk |
| 13-23-14 | 61850+ | 14.15 | 24.17 | 13.69 | | 102 | CM | Bulk |
| 13-23-14 | 61851+ | 14.02 | 23.52 | 14.35 | | 101 | CM | Bulk |
| 14-08-11 | 61847 | 14.57 | 8.31 | 11.08 | | 97 | CM | Bulk |
| 18-16-23 | 61846 | 18.43 | 15.94 | 23.69 | | 100 | CM | Bulk |
| 18-16-23 | 61852 | 17.96 | 18.18 | 22.92 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.13 | 102.95 | 101.96 | | | | |
| ALL SAMPLES,CV % | | 5.93 | 4.95 | 4.8 | | | | |
| NUMBER OF ANALYSIS | | 9 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| ROYSTER CLARK (HARD) | | HARDIN KY 42048 | | | | | | |
| 04-11-43 | 61147+ | 4.31 | 12.01 | 43.78 | | 102 | CM | Bulk |
| 05-13-17 | 60384 | 5.39 | 12.33 | 19.50 | | 105 | CM | Bulk |
| 09-23-30 | 61145 | 8.68 | 22.46 | 30.79 | | 99 | CM | Bulk |
| 09-23-30 | 61178 | 8.64 | 23.06 | 31.15 | | 101 | CM | Bulk |
| 09-23-30 | 62262 | 9.07 | 23.17 | 28.92 | | 99 | CM | Bulk |
| 09-23-30 | 62339 | 8.51 | 22.13 | 31.10 | | 98 | CM | Bulk |
| 15-14-28 | 61179 | 15.04 | 15.14 | 28.74 | | 101 | CM | Bulk |
| 17-15-20 | 62340 | 17.52 | 14.49 | 20.04 | | 99 | CM | Bulk |
| 17-17-17 | 61146 | 17.97 | 16.96 | 18.17 | | 99 | CM | Bulk |
| 17-23-15 | 61148 | 17.67 | 23.20 | 14.87 | | 101 | CM | Bulk |
| 17-23-15 | 61149 | 17.95 | 22.64 | 15.66 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.31 | 99.19 | 102.60 | | | | |
| ALL SAMPLES,CV % | | 3.28 | 4.32 | 4.29 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| ROYSTER CLARK (MURR) | | MURRAY KY 42071 | | | | | | |
| 09-23-30 | 60371 | 9.15 | 23.51 | 28.90 | | 100 | CM | Bulk |
| 09-23-30 | 60372 | 8.85 | 21.96 | 30.89 | | 99 | CM | Bulk |
| 09-23-30 | 60565 | 8.20 | 21.00 * | 29.53 | | 94 * | CM | Bulk |
| 09-23-30 | 62253 | 9.10 | 23.36 | 28.88 | | 100 | CM | Bulk |
| 09-23-30 | 62419 | 9.38 | 22.35 | 30.27 | | 100 | CM | Bulk |
| 09-23-30 | 62458 | 8.95 | 23.10 | 29.35 | | 99 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 8.94 | 22.55 | 29.64 | | 98.7 | | |
| CV, % | | 4.53 | 4.29 | 2.69 | | | | |
| 10-12-21 | 63087 | 14.56 | 11.32 | 14.51 * | | 93 * | CM | Bulk |
| 15-20-20 | 61508 | 14.89 | 20.97 | 20.81 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| ROYSTER CLARK (SED) | | SEDALIA KY 42079 | | | | | | |
| 05-13-17 | 60339 | 6.65 | 16.39 | 20.32 | | 123 | CM | Bulk |
| 05-13-17 | 60340 | 5.63 | 13.20 | 16.46 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|---------|---------|-------|------|-------|------|
| ROYSER CLARK (SED) SEDALIA KY 42079 | | | | | | | | |
| 05-13-17 | 60341 | 5.79 | 13.39 | 18.77 | | 107 | CM | Bulk |
| 05-13-17 | 60342 | 5.08 | 11.38 * | 18.06 | | 97 | CM | Bulk |
| 06-15-20 | 60343 | 6.45 | 16.80 | 22.02 | | 106 | CM | Bulk |
| 06-15-20 | 60344 | 7.99 | 19.71 | 16.19 * | | 105 | CM | Bulk |
| 09-23-30 | 60337 | 8.74 | 22.88 | 30.11 | | 99 | CM | Bulk |
| 09-23-30 | 60338 | 8.95 | 23.40 | 29.67 | | 100 | CM | Bulk |
| 09-23-30 | 61756 | 8.80 | 22.98 | 29.85 | | 99 | CM | Bulk |
| 09-23-30 | 61757 | 8.45 | 21.85 | 31.60 | | 98 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 107.10 | 103.98 | 101.81 | | | | |
| ALL SAMPLES,CV % | | 12.04 | 11.5 | 10.29 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 20.00 % | | | | | | | | |
| ROYSER CLARK (UTICA) UTICA KY 42376 | | | | | | | | |
| 08-21-27 | 62624+ | 12.69 | 17.13 * | 28.01 | | 102 | CM | Bulk |
| 08-21-27 | 62628+ | 8.50 | 21.53 | 27.97 | | 102 | CM | Bulk |
| 09-15-26 | 62627+ | 10.28 | 16.36 | 28.17 | | 104 | CM | Bulk |
| 09-18-30 | 62046 | 8.60 | 17.26 | 30.71 | | 98 | CM | Bulk |
| 09-23-30 | 62625 | 9.37 | 23.12 | 31.91 | | 103 | CM | Bulk |
| 09-23-30 | 62626 | 9.09 | 23.94 | 31.05 | | 103 | CM | Bulk |
| 12-18-23 | 62629+ | 13.21 | 20.25 | 23.93 | | 104 | CM | Bulk |
| 12-18-23 | 62630+ | 12.66 | 19.93 | 23.43 | | 102 | CM | Bulk |
| 16-28-16 | 62047 | 16.03 | 29.14 | 15.99 | | 101 | CM | Bulk |
| 17-28-14 | 62128 | 17.75 | 28.51 | 13.75 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 106.81 | 99.98 | 101.60 | | | | |
| ALL SAMPLES,CV % | | 16.6 | 8.02 | 3.54 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ROYSER CLARK (WASH) WASHINGTON CH OH 43160 | | | | | | | | |
| 05-10-15 | 63065 | 4.87 | 9.20 | 16.90 | | 102 | Blend | Bag |
| 06-24-24 | 61306 | 5.96 | 24.49 | 23.03 | | 100 | Blend | Bag |
| 06-24-24 | 63063 | 5.67 | 23.69 | 24.72 | | 99 | Blend | Bag |
| 10-10-10 | 63066 | 9.10 * | 9.31 | 9.82 | | 93 * | Blend | Bag |
| 12-12-12 | 61305 | 11.54 | 11.48 | 12.19 | | 97 | Blend | Bag |
| 19-19-19 | 61307 | 18.25 | 18.27 | 20.24 | | 98 | Blend | Bag |
| 19-19-19 | 63064 | 18.20 | 18.27 | 21.47 | | 99 | Blend | Bag |
| ROYSER CLARK (WISC) MADISON WI 53714 | | | | | | | | |
| 00-00-00 | 62361+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| RUDOLPH FARM SUPPLY, INC SALEM KY 42078 | | | | | | | | |
| 19-19-19 | 61799 | 20.85 | 18.93 | 20.33 | | 103 | CM | Bulk |
| 21-15-20 | 61795 | 22.15 | 16.82 | 18.94 | | 104 | CM | Bulk |
| 21-15-20 | 61800 | 21.61 | 14.85 | 20.82 | | 100 | CM | Bulk |
| 27-30-00 | 61796 | 28.03 | 30.94 | 0.00 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|----------------------------|---------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| RUDOLPH FARM SUPPLY, INC | | SALEM KY 42078 | | | | | | |
| 27-30-00 | 61798 | 28.95 | 30.44 | 0.00 | | 102 | CM | Bulk |
| 31-13-08 | 61797 | 32.03 | 13.55 | 8.75 | | 103 | CM | Bulk |
| 32-00-00 | 63149 | 31.83 | 0.00 | 0.00 | | 99 | Mat | Liq |
| ----- | | | | | | | | |
| RUSSELLVILLE CROP SERVICE | | RUSSELLVILLE KY 42276-0008 | | | | | | |
| 07-33-21 | 61107 | 7.04 | 34.34 | 21.37 | | 101 | CM | Bulk |
| 11-13-13 | 61840 | 10.60 | 12.34 | 14.71 | | 97 | CM | Bulk |
| 11-29-21 | 60240 | 10.76 | 28.24 | 21.24 | | 96 * | CM | Bulk |
| 13-23-17 | 61104+ | 13.84 | 23.93 | 18.77 | | 102 | CM | Bulk |
| 13-23-17 | 61105+ | 13.59 | 23.81 | 18.49 | | 101 | CM | Bulk |
| 17-23-18 | 61841 | 17.12 | 25.21 | 18.02 | | 102 | CM | Bulk |
| 19-19-19 | 61839 | 19.88 | 19.69 | 19.11 | | 101 | CM | Bulk |
| 19-19-19 | 61843 | 19.32 | 19.18 | 20.13 | | 100 | CM | Bulk |
| 19-19-19 | 61844 | 19.59 | 19.71 | 19.76 | | 102 | CM | Bulk |
| 31-24-00 | 61842 | 31.59 | 24.52 | 0.00 | | 101 | CM | Bulk |
| 32-23-00 | 61838 | 32.20 | 23.32 | 0.00 | | 101 | CM | Bulk |
| 40-09-00 | 61501 | 40.91 | 9.02 | 0.00 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.47 | 100.06 | 102.29 | | | | |
| ALL SAMPLES,CV % | | 3.05 | 3.21 | 4.2 | | | | |
| NUMBER OF ANALYSIS | | 12 | 12 | 9 | | | | |
| Deficiency Rate = 8.33 % | | | | | | | | |
| ----- | | | | | | | | |
| SCHOCHOH CROP | | RUSSELLVILLE KY 42276 | | | | | | |
| 07-24-30 | 60283 | 7.10 | 24.48 | 30.84 | | 101 | CM | Bulk |
| 07-24-30 | 60284 | 7.39 | 25.19 | 29.59 | | 101 | CM | Bulk |
| 07-27-27 | 60253 | 6.59 * | 24.55 * | 30.10 | | 98 | CM | Bulk |
| 07-27-27 | 60254 | 6.87 | 25.88 | 29.20 | | 100 | CM | Bulk |
| 07-27-27 | 60255 | 6.86 | 26.40 | 29.17 | | 100 | CM | Bulk |
| 08-22-29 | 60316 | 8.00 | 21.11 | 31.06 | | 99 | CM | Bulk |
| 10-25-18 | 60285+ | 9.53 | 24.83 | 17.93 | | 97 | CM | Bulk |
| 10-25-18 | 60286+ | 9.70 | 24.85 | 18.52 | | 98 | CM | Bulk |
| 10-25-21 | 61116+ | 10.15 | 25.55 | 21.34 | | 100 | CM | Bulk |
| 10-27-17 | 61499+ | 10.91 | 27.34 | 19.01 | | 101 | CM | Bulk |
| 10-27-17 | 61500+ | 10.93 | 28.28 | 19.13 | | 103 | CM | Bulk |
| 10-27-17 | 61506+ | 10.97 | 28.14 | 19.02 | | 103 | CM | Bulk |
| 10-27-17 | 61507+ | 10.77 | 27.40 | 19.95 | | 102 | CM | Bulk |
| 10-27-20 | 61117+ | 10.46 | 26.63 | 21.58 | | 100 | CM | Bulk |
| 12-30-20 | 61502 | 11.79 | 30.77 | 20.46 | | 100 | CM | Bulk |
| 12-30-20 | 61503 | 11.64 | 30.27 | 20.89 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.55 | 98.26 | 104.58 | | | | |
| ALL SAMPLES,CV % | | 3.72 | 3.39 | 3.53 | | | | |
| NUMBER OF ANALYSIS | | 16 | 16 | 16 | | | | |
| Deficiency Rate = 6.25 % | | | | | | | | |
| ----- | | | | | | | | |
| SCHULTZ CO. | | BRIDGETON MO 63044 | | | | | | |
| 03-01-01 | 61362 | 2.82 | 1.30 | 5.23 | | 151 | Mnfr | Liq |
| 05-10-05 | 60053+ | 5.14 | 10.57 | 5.54 | | 106 | Blend | Liq |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|---------------|--------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SCHULTZ CO. | BRIDGETON MO | 63044 | | | | | | |
| 05-10-05 | 61558+ | 4.92 | 10.27 | 6.38 | | 105 | Mnfr | Liq |
| 09-09-06 | 60066+ | 9.30 | 8.96 | 6.65 | | 104 | Blend | Bag |
| 09-09-06 | 61328+ | 13.97 | 9.40 | 9.04 | | 133 | Blend | Bag |
| 10-10-05 | 60832+ | 10.15 | 10.21 | 5.09 | | 102 | Blend | Liq |
| 10-10-05 | 61609+ | 9.97 | 10.07 | 5.08 | | 100 | Mnfr | Liq |
| 10-12-12 | 61327+ | 10.64 | 11.69 | 12.90 | | 103 | Blend | Bag |
| 10-15-10 | 61890+ | 10.48 | 15.66 | 10.09 | | 104 | Blend | Liq |
| 10-15-10 | 61891+ | 10.13 | 15.42 | 10.15 | | 102 | Blend | Liq |
| 10-24-10 | 60038+ | 12.61 | 24.48 | 9.54 | | 108 | Blend | Bag |
| 12-08-10 | 61329+ | 12.39 | 8.11 | 10.26 | | 103 | Blend | Bag |
| 15-15-15 | 60037+ | 18.88 | 16.59 | 16.94 | | 118 | Blend | Bag |
| 16-12-12 | 61326+ | 17.00 | 12.27 | 12.18 | | 104 | Blend | Bag |
| 18-06-12 | 60040+ | 18.60 | 7.66 | 11.28 | | 104 | Blend | Bag |
| 18-24-06 | 60067+ | 18.57 | 23.90 | 6.49 | | 102 | Blend | Bag |
| 19-31-17 | 60068+ | 18.69 | 29.75 | 17.21 | | 98 | Blend | Bag |
| 20-20-20 | 62242+ | 20.36 | 20.19 | 20.81 | | 102 | Mnfr | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 107.53 | 105.01 | 130.86 | | | | |
| ALL SAMPLES,CV % | | 13.49 | 8.8 | 75.35 | | | | |
| NUMBER OF ANALYSIS | | 18 | 18 | 18 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SCOTTS MIRACLE-GRO PRODUCTS, INC | MARYSVILLE OH | 43041 | | | | | | |
| 06-09-00 | 61165+ | 7.52 | 10.56 | 0.00 | | 121 | Mnfr | Bag |
| 07-07-07 | 60031+ | 7.85 | 7.56 | 7.64 | | 110 | Blend | Liq |
| 10-10-10 | 60458+ | 11.72 | 11.04 | 11.31 | | 114 | Blend | Bag |
| 12-04-08 | 60760+ | 12.32 | 4.23 | 8.12 | | 103 | Blend | Liq |
| 15-30-15 | 60048+ | 15.40 | 30.98 | 15.81 | | 104 | Blend | Bag |
| 15-30-15 | 60112+ | 15.77 | 30.72 | 16.24 | | 105 | Blend | Bag |
| 15-30-15 | 61428+ | 15.99 | 31.00 | 16.15 | | 105 | Blend | Bag |
| 15-30-15 | 61436+ | 16.18 | 31.90 | 15.26 | | 106 | Blend | Bag |
| 15-30-15 | 61570+ | 15.39 | 31.77 | 15.79 | | 105 | Blend | Bag |
| 15-30-15 | 61892+ | 15.94 | 30.82 | 15.81 | | 104 | Blend | Bag |
| Statistical Analysis for Grade : 15-30-15 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 15.78 | 31.20 | 15.84 | | 104.7 | | |
| CV, % | | 2.06 | 1.62 | 2.18 | | | | |
| 18-18-21 | 61561+ | 18.50 | 18.61 | 21.47 | | 103 | Mnfr | Bag |
| 18-24-16 | 61781+ | 19.75 | 25.28 | 16.50 | | 107 | Mnfr | Bag |
| 30-10-10 | 62080+ | 29.90 | 10.08 | 12.17 | | 102 | Mnfr | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 107.74 | 105.77 | 107.04 | | | | |
| ALL SAMPLES,CV % | | 6.56 | 4.08 | 5.37 | | | | |
| NUMBER OF ANALYSIS | | 13 | 13 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SCOTTS SIERRA | MARYSVILLE OH | 43041 | | | | | | |
| 19-06-12 | 60030+ | 20.19 | 6.87 | 12.76 | | 107 | Blend | Bag |
| 19-06-12 | 60054+ | 20.11 | 6.64 | 12.51 | | 106 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SCOTTS SIERRA MARYSVILLE OH 43041 | | | | | | | | |
| 19-06-12 | 60457+ | 19.87 | 6.76 | 13.25 | | 107 | Blend | Bag |
| 19-06-12 | 61889+ | 20.41 | 6.67 | 12.61 | | 108 | Blend | Bag |
| 19-06-12 | 61899+ | 20.86 | 6.45 | 12.44 | | 108 | Blend | Bag |
| 19-06-12 | 62443+ | 20.46 | 6.69 | 12.67 | | 108 | Blend | Bag |
| Statistical Analysis for Grade : 19-06-12 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 20.32 | 6.68 | 12.71 | | 107.4 | | |
| CV, % | | 1.68 | 2.09 | 2.28 | | | | |
| ----- | | | | | | | | |
| SECURITY SEED/CHEMICAL CLARKSVILLE TN 37040 | | | | | | | | |
| 32-00-00 | 62684 | 31.88 | 0.00 | 0.00 | | 100 | Mat | Liq |
| ----- | | | | | | | | |
| SOUTH CENTRAL FARM SUPPLY, INC. GAMALIEL KY 42140 | | | | | | | | |
| 17-15-20 | 61625 | 18.51 | 15.90 | 18.82 | | 103 | CM | Bulk |
| 17-15-20 | 61630 | 18.12 | 14.99 | 18.92 | | 100 | CM | Bulk |
| 19-19-19 | 61620 | 18.64 | 19.07 | 20.77 | | 99 | CM | Bulk |
| 19-19-19 | 61632 | 19.35 | 21.04 | 18.32 | | 102 | CM | Bulk |
| 22-07-10 | 61631 | 22.59 | 8.43 | 9.83 | | 102 | CM | Bulk |
| 27-11-15 | 61619 | 26.69 | 11.30 | 16.76 | | 100 | CM | Bulk |
| 27-11-15 | 61621 | 26.84 | 10.66 | 17.31 | | 99 | CM | Bulk |
| 27-11-15 | 61624 | 26.56 | 10.88 | 17.55 | | 99 | CM | Bulk |
| 27-11-15 | 61628 | 26.70 | 12.02 | 16.69 | | 101 | CM | Bulk |
| 27-11-15 | 61629 | 26.27 | 10.97 | 17.82 | | 99 | CM | Bulk |
| Statistical Analysis for Grade : 27-11-15 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 26.61 | 11.17 | 17.23 | | 99.8 | | |
| CV, % | | 0.81 | 4.75 | 2.85 | | | | |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.96 | 100.52 | 106.41 | | | | |
| ALL SAMPLES,CV % | | 3.86 | 6.01 | 9.32 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SPECTRUM GROUP ST. LOUIS MO 63146-3538 | | | | | | | | |
| 02-05-02 | 60109+ | 2.75 | 5.42 | 2.82 | | 123 | Blend | Liq |
| 09-09-06 | 60043 | 7.52 * | 8.35 | 4.44 * | | 85 * | Blend | Bag |
| 09-09-06 | 60224 | 8.59 | 8.55 | 6.35 | | 97 | Blend | Bag |
| 09-09-06 | 62077 | 9.81 | 9.47 | 6.66 | | 108 | Blend | Bag |
| 10-10-10 | 60045 | 9.86 | 9.87 | 10.44 | | 100 | Blend | Bag |
| 10-10-10 | 60070 | 8.23 * | 8.99 * | 12.08 | | 95 * | Blend | Bag |
| 10-10-10 | 60078 | 8.11 * | 9.31 | 9.67 | | 89 * | Blend | Bag |
| 10-10-10 | 60083 | 10.28 | 10.51 | 8.40 * | | 98 | Blend | Bag |
| 10-10-10 | 60086 | 8.17 * | 6.60 * | 11.46 | | 86 * | Blend | Bag |
| 10-10-10 | 60103 | 10.52 | 11.93 | 9.65 | | 107 | Blend | Bag |
| 10-10-10 | 60189 | 7.44 * | 6.61 * | 12.56 | | 86 * | Blend | Bag |
| 10-10-10 | 60986 | 10.28 | 10.14 | 9.92 | | 102 | Blend | Bag |
| 10-10-10 | 60992 | 9.31 | 11.32 | 14.10 | | 111 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SPECTRUM GROUP ST. LOUIS MO 63146-3538 | | | | | | | | |
| 10-10-10 | 61266 | 9.99 | 8.23 * | 11.49 | | 96 * | Blend | Bag |
| 10-10-10 | 61268 | 10.64 | 9.20 | 12.60 | | 105 | Blend | Bag |
| 10-10-10 | 61567 | 14.56 | 10.73 | 11.08 | | 123 | Blend | Bag |
| 10-10-10 | 61903 | 10.34 | 10.40 | 9.85 | | 103 | Blend | Bag |
| 10-10-10 | 62070+ | 10.86 | 11.04 | 10.82 | | 109 | Mnfr | Liq |
| 10-10-10 | 62239 | 9.36 | 9.24 | 9.88 | | 94 * | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 15 | | | | | | | | |
| Average Analysis : | | 9.86 | 9.61 | 10.93 | | 100.2 | | |
| CV, % | | 17.08 | 16.27 | 13.52 | | | | |
| 12-04-08 | 60188+ | 12.90 | 5.24 | 8.22 | | 110 | Blend | Bag |
| 12-05-07 | 60210+ | 13.96 | 6.77 | 9.52 | | 124 | Blend | Bag |
| 12-05-08 | 62238+ | 13.75 | 7.18 | 10.18 | | 124 | Blend | Bag |
| 12-06-06 | 60213+ | 15.77 | 6.52 | 6.30 | | 122 | Blend | Bag |
| 12-10-05 | 60023+ | 14.39 | 13.25 | 5.42 | | 122 | Blend | Bag |
| 15-05-13 | 60069+ | 14.89 | 5.29 | 11.48 * | | 97 * | Blend | Bag |
| 15-05-13 | 62071+ | 16.97 | 5.44 | 12.30 | | 108 | Blend | Bag |
| 15-07-07 | 62672+ | 15.15 | 6.99 | 7.78 | | 102 | Blend | Bag |
| 15-13-13 | 61358+ | 15.31 | 12.55 | 13.54 | | 100 | Blend | Bag |
| 15-30-15 | 60042+ | 16.64 | 31.42 | 15.43 | | 106 | Blend | Bag |
| 15-30-15 | 60044 | 14.28 | 29.90 | 14.78 | | 98 | Blend | Bag |
| 15-30-15 | 62677 | 15.58 | 26.59 * | 15.14 | | 95 * | Blend | Bag |
| 16-04-08 | 60211+ | 17.55 | 4.57 | 9.54 | | 112 | Blend | Bag |
| 17-17-17 | 60187+ | 19.30 | 15.93 | 18.04 | | 106 | Blend | Bag |
| 18-24-10 | 60212+ | 18.43 | 23.34 | 8.49 * | | 98 | Blend | Bag |
| 19-06-12 | 61164+ | 19.94 | 6.25 | 12.64 | | 105 | Blend | Bag |
| 19-06-12 | 62241 | 19.74 | 6.94 | 13.27 | | 107 | Blend | Bag |
| 20-20-20 | 60077+ | 20.62 | 19.86 | 20.57 | | 102 | Blend | Bag |
| 20-20-20 | 63096+ | 21.39 | 20.42 | 20.54 | | 104 | Blend | Bag |
| 20-27-05 | 60156 | 19.82 | 26.71 | 5.54 | | 100 | Blend | Bag |
| 22-03-14 | 60085 | 21.91 | 2.96 | 14.65 | | 101 | Blend | Bag |
| 22-03-14 | 60089+ | 28.73 | 2.45 | 10.31 * | | 112 | Blend | Bag |
| 22-03-14 | 60106+ | 20.08 * | 4.39 | 13.61 | | 96 * | Blend | Bag |
| 22-03-14 | 60110+ | 22.28 | 2.37 | 15.61 | | 103 | Blend | Bag |
| 22-03-14 | 60125+ | 21.35 | 3.94 | 15.62 | | 103 | Blend | Bag |
| 22-03-14 | 60132+ | 21.75 | 5.51 | 16.30 | | 109 | Blend | Bag |
| 22-03-14 | 60416+ | 22.34 | 3.07 | 15.11 | | 103 | Blend | Bag |
| 22-03-14 | 60494+ | 20.68 | 2.39 | 15.30 | | 97 | Blend | Bag |
| Statistical Analysis for Grade : 22-03-14 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 22.39 | 3.38 | 14.56 | | 103.0 | | |
| CV, % | | 11.96 | 33.5 | 13.01 | | | | |
| 22-04-11 | 60119+ | 22.72 | 4.81 | 11.47 | | 105 | Blend | Bag |
| 22-04-11 | 60155+ | 21.78 | 4.85 | 12.01 | | 103 | Blend | Bag |
| 22-04-11 | 60208+ | 21.94 | 3.72 | 12.27 | | 102 | Blend | Bag |
| 22-04-11 | 60295 | 23.21 | 4.55 | 11.94 | | 107 | Blend | Bag |
| 22-04-11 | 60413 | 23.30 | 4.22 | 11.80 | | 106 | Blend | Bag |
| 22-04-11 | 60417 | 23.81 | 4.02 | 12.24 | | 108 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|--------|-------|-------|-------|------|
| SPECTRUM GROUP ST. LOUIS MO 63146-3538 | | | | | | | | |
| 22-04-11 | 60493+ | 22.43 | 3.97 | 11.40 | | 102 | Blend | Bag |
| 22-04-11 | 60519 | 23.81 | 4.35 | 9.40 * | | 103 | Blend | Bag |
| 22-04-11 | 60520 | 22.71 | 4.29 | 9.85 * | | 101 | Blend | Bag |
| Statistical Analysis for Grade : 22-04-11 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 22.86 | 4.31 | 11.38 | | 104.1 | | |
| CV, % | | 3.23 | 8.83 | 9.17 | | | | |
| 24-08-16 | 62676+ | 24.89 | 8.87 | 17.05 | | 106 | Blend | Bag |
| 27-02-02 | 60288+ | 26.73 | 2.02 | 2.18 | | 100 | Blend | Liq |
| 28-02-04 | 60121 | 27.23 | 2.77 | 4.13 | | 99 | Blend | Bag |
| 28-02-04 | 60122 | 28.37 | 2.26 | 4.04 | | 102 | Blend | Bag |
| 28-02-04 | 61270 | 29.17 | 2.32 | 4.31 | | 105 | Blend | Bag |
| 28-03-03 | 60987 | 28.22 | 3.31 | 3.19 | | 102 | Blend | Bag |
| 28-03-03 | 61263 | 24.83 * | 3.43 | 4.80 | | 94 * | Blend | Bag |
| 28-03-03 | 61267 | 27.42 | 3.88 | 5.50 | | 105 | Blend | Bag |
| 28-03-03 | 61269 | 31.60 | 3.68 | 3.34 | | 114 | Blend | Bag |
| 28-03-03 | 61895 | 27.94 | 2.51 | 3.55 | | 99 | Blend | Bag |
| 28-03-03 | 61904 | 28.09 | 2.72 | 2.72 | | 99 | Blend | Bag |
| 28-03-03 | 62068 | 29.33 | 3.52 | 1.47 * | | 103 | Blend | Bag |
| Statistical Analysis for Grade : 28-03-03 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 28.20 | 3.29 | 3.51 | | 102.3 | | |
| CV, % | | 7.21 | 15.22 | 37.74 | | | | |
| 28-03-08 | 60022+ | 31.40 | 3.80 | 5.35 * | | 107 | Blend | Bag |
| 28-03-08 | 60034+ | 28.44 | 3.73 | 7.93 | | 103 | Blend | Bag |
| 28-03-08 | 60036 | 26.81 | 3.43 | 8.97 | | 99 | Blend | Bag |
| 28-03-08 | 60058+ | 28.66 | 3.09 | 7.99 | | 102 | Blend | Bag |
| 28-03-08 | 60071 | 26.30 * | 3.47 | 8.60 | | 97 | Blend | Bag |
| 28-03-08 | 60076+ | 30.18 | 3.10 | 7.39 | | 105 | Blend | Bag |
| 28-03-08 | 60084 | 32.03 | 2.54 | 6.81 * | | 108 | Blend | Bag |
| 28-03-08 | 62076 | 27.98 | 3.40 | 8.47 | | 102 | Blend | Bag |
| 28-03-08 | 62078+ | 29.10 | 4.20 | 7.30 * | | 105 | Blend | Bag |
| Statistical Analysis for Grade : 28-03-08 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 28.99 | 3.42 | 7.64 | | 103.2 | | |
| CV, % | | 6.66 | 14.02 | 14.43 | | | | |
| 29-02-05 | 60124+ | 28.67 | 2.46 | 4.62 | | 99 | Blend | Bag |
| 29-02-05 | 60492+ | 27.45 * | 1.28 * | 5.77 | | 95 * | Blend | Bag |
| 29-03-04 | 60111+ | 24.15 * | 3.63 | 5.60 | | 90 * | Blend | Bag |
| 30-02-05 | 60879 | 31.30 | 2.73 | 4.98 | | 106 | Blend | Bag |
| 30-02-05 | 61199 | 31.33 | 1.88 | 5.86 | | 105 | Blend | Bag |
| 30-02-05 | 61271 | 31.06 | 1.88 | 3.92 * | | 101 | Blend | Bag |
| 30-02-05 | 61431 | 31.58 | 1.85 | 4.83 | | 104 | Blend | Bag |
| 30-02-05 | 61432 | 32.64 | 1.53 | 6.09 | | 108 | Blend | Bag |
| 30-02-05 | 61563 | 31.81 | 2.90 | 5.65 | | 109 | Blend | Bag |
| 30-02-05 | 62015 | 30.72 | 2.11 | 5.23 | | 103 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|---------|--------|-------|-------|-------|------|
| SPECTRUM GROUP ST. LOUIS MO 63146-3538 | | | | | | | | |
| Statistical Analysis for Grade : 30-02-05 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 31.49 | 2.13 | 5.22 | | 105.0 | | |
| CV, % | | 1.95 | 23.65 | 14.12 | | | | |
| 30-03-04 | 61264 | 31.12 | 3.77 | 3.76 | | 105 | Blend | Bag |
| 30-03-04 | 62069 | 28.91 | 3.32 | 4.51 | | 99 | Blend | Bag |
| 30-10-10 | 60223+ | 30.90 | 9.79 | 10.25 | | 102 | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.00 | 107.27 | 106.13 | | | | |
| ALL SAMPLES,CV % | | 10.44 | 17.94 | 16.79 | | | | |
| NUMBER OF ANALYSIS | | 90 | 90 | 90 | | | | |
| Deficiency Rate = 26.67 % | | | | | | | | |
| SPEED AG SERVICE HICKMAN KY 42050 | | | | | | | | |
| 00-00-60 | 60615 | 0.00 | 0.00 | 60.05 | | 100 | Mat | Bulk |
| 07-18-36 | 62109 | 6.92 | 17.74 | 36.78 | | 99 | CM | Bulk |
| 07-20-32 | 61668+ | 6.37 * | 16.51 * | 37.97 | | 94 * | CM | Bulk |
| 09-23-30 | 62103 | 8.78 | 22.36 | 31.92 | | 100 | CM | Bulk |
| 09-23-30 | 62104 | 8.85 | 22.49 | 31.97 | | 101 | CM | Bulk |
| 09-23-30 | 62105 | 8.82 | 22.78 | 31.43 | | 101 | CM | Bulk |
| 09-23-30 | 62111 | 8.73 | 22.30 | 31.86 | | 100 | CM | Bulk |
| 12-19-25 | 62107 | 11.62 | 19.71 | 28.17 | | 100 | CM | Bulk |
| 12-19-25 | 62108 | 11.56 | 19.68 | 27.75 | | 100 | CM | Bulk |
| 17-08-21 | 62110+ | 16.58 | 9.88 | 23.14 | | 103 | CM | Bulk |
| 18-46-00 | 60616 | 17.81 | 45.50 | 0.00 | | 99 | Mat | Bulk |
| 21-00-00 | 60614+ | 21.08 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 25-09-09 | 62106 | 24.70 | 9.42 | 10.92 | | 101 | CM | Bulk |
| 34-00-00 | 60617 | 34.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 95.63 | 99.20 | 107.68 | | | | |
| ALL SAMPLES,CV % | | 5.35 | 8.98 | 5.13 | | | | |
| NUMBER OF ANALYSIS | | 13 | 11 | 11 | | | | |
| Deficiency Rate = 7.14 % | | | | | | | | |
| SQM NORTHAMERICA ATLANTA GA 30339 | | | | | | | | |
| 14-00-45 | 60540 | 13.65 | 0.00 | 44.37 | | 99 | Blend | Bag |
| SS (BARD) BARDSTOWN SVC BARDSTOWN KY 40004 | | | | | | | | |
| 05-13-42 | 62552 | 5.05 | 13.66 | 43.65 | | 102 | CM | Bulk |
| 06-00-51 | 62549 | 6.95 | 0.00 | 51.15 | | 101 | CM | Bulk |
| 19-19-19 | 62183 | 19.71 | 18.67 | 20.58 | | 101 | CM | Bulk |
| 23-13-18 | 62547 | 23.18 | 14.55 | 17.79 | | 100 | CM | Bulk |
| 25-33-00 | 62186 | 26.35 | 33.12 | 0.00 | | 101 | CM | Bulk |
| 25-33-00 | 62187 | 25.32 | 33.83 | 0.00 | | 100 | CM | Bulk |
| 25-33-00 | 62188 | 25.45 | 33.95 | 0.00 | | 100 | CM | Bulk |
| 25-33-00 | 62189 | 25.80 | 34.14 | 0.00 | | 101 | CM | Bulk |
| 26-08-13 | 62550+ | 27.91 | 8.68 | 13.66 | | 104 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|------------------------|---------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (BARD) BARDSTOWN SVC | | BARDSTOWN KY 40004 | | | | | | |
| 26-08-13 | 62551+ | 27.27 | 8.91 | 14.44 | | 104 | CM | Bulk |
| 30-26-00 | 62548 | 31.36 | 26.70 | 0.00 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.53 | 102.41 | 100.88 | | | | |
| ALL SAMPLES,CV % | | 2.74 | 3.29 | 3.7 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 6 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (BOWL) BOWLING GREEN COOP | | BOWLING GREEN KY 42101 | | | | | | |
| 18-18-18 | 61684 | 18.28 | 18.69 | 19.77 | | 102 | CM | Bulk |
| 19-13-24 | 61685 | 19.48 | 14.88 | 23.29 | | 102 | CM | Bulk |
| 19-13-24 | 61689 | 18.67 | 14.60 | 24.52 | | 101 | CM | Bulk |
| 19-19-19 | 61683 | 18.47 | 18.85 | 21.28 | | 99 | CM | Bulk |
| 19-19-19 | 61687 | 18.94 | 19.40 | 20.18 | | 100 | CM | Bulk |
| 19-19-19 | 61694 | 19.45 | 20.64 | 18.70 | | 102 | CM | Bulk |
| 20-23-15 | 61692 | 20.44 | 23.30 | 15.21 | | 101 | CM | Bulk |
| 20-23-15 | 61693 | 21.21 | 23.11 | 14.76 | | 101 | CM | Bulk |
| 21-15-20 | 61695 | 21.16 | 15.57 | 20.40 | | 101 | CM | Bulk |
| 24-13-17 | 61686 | 24.86 | 13.18 | 18.06 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.40 | 102.33 | 102.37 | | | | |
| ALL SAMPLES,CV % | | 2.27 | 3.26 | 4.27 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (CADI) CADIZ BR | | CADIZ KY 42211 | | | | | | |
| 03-16-16 | 60319 | 5.21 | 14.19 * | 18.33 | | 106 | CM | Bulk |
| 03-16-16 | 60320 | 4.44 | 16.76 | 17.30 | | 107 | CM | Bulk |
| 03-16-16 | 60321 | 4.34 | 17.64 | 17.26 | | 109 | CM | Bulk |
| 03-16-16 | 60322 | 4.45 | 16.53 | 16.49 | | 104 | CM | Bulk |
| 03-16-16 | 60335 | 4.49 | 15.77 | 17.57 | | 105 | CM | Bulk |
| 03-16-16 | 60336 | 4.60 | 15.85 | 16.14 | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 03-16-16 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 4.59 | 16.12 | 17.18 | | 105.6 | | |
| CV, % | | 6.89 | 7.25 | 4.55 | | | | |
| 10-26-26 | 61515 | 10.32 | 25.23 | 26.43 | | 99 | CM | Bulk |
| 11-28-22 | 60963 | 11.30 | 29.41 | 22.51 | | 102 | CM | Bulk |
| 11-28-22 | 60964 | 11.28 | 29.44 | 22.45 | | 101 | CM | Bulk |
| 11-29-21 | 61516 | 11.56 | 28.63 | 22.19 | | 99 | CM | Bulk |
| 11-29-21 | 61517 | 11.62 | 28.33 | 23.19 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (CADI) CADIZ BR CADIZ KY 42211 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 117.97 | 98.72 | 103.28 | | | | |
| ALL SAMPLES,CV % | | 14.83 | 5.45 | 3.9 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (CALH) CALHOUN CALHOUN KY 42327 | | | | | | | | |
| 06-15-40 | 62516 | 5.63 | 15.10 | 41.34 | | 100 | CM | Bulk |
| 08-22-29 | 62512+ | 8.65 | 22.74 | 29.41 | | 101 | CM | Bulk |
| 08-22-29 | 62515+ | 8.49 | 22.05 | 30.88 | | 101 | CM | Bulk |
| 08-22-29 | 62518+ | 8.53 | 22.39 | 29.41 | | 100 | CM | Bulk |
| 09-23-30 | 62511 | 8.92 | 22.88 | 30.31 | | 100 | CM | Bulk |
| 09-23-30 | 62513 | 8.80 | 22.74 | 30.68 | | 100 | CM | Bulk |
| 09-23-30 | 62514 | 8.72 | 23.03 | 30.74 | | 100 | CM | Bulk |
| 09-23-30 | 62517 | 8.83 | 23.53 | 30.29 | | 101 | CM | Bulk |
| 09-23-30 | 62554 | 8.60 | 23.04 | 31.71 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 09-23-30 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 8.77 | 23.04 | 30.75 | | 100.4 | | |
| CV, % | | 1.38 | 1.29 | 1.88 | | | | |
| 31-09-11 | 62553 | 31.65 | 9.28 | 12.21 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.54 | 100.20 | 102.64 | | | | |
| ALL SAMPLES,CV % | | 1.98 | 1.43 | 1.86 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (CAMP) CAMPBELLSVILLE CAMPBELLSVILLE KY 42718 | | | | | | | | |
| 16-13-22 | 63267 | 17.12 | 13.69 | 21.22 | | 100 | CM | Bulk |
| 17-12-18 | 63266 | 16.32 | 13.07 | 20.36 | | 102 | CM | Bulk |
| 17-17-17 | 63276 | 17.57 | 17.98 | 18.30 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| SS (CAMP) KNTCKANA SVC CMPBLL BR CAMPBELLSBURG KY 40011 | | | | | | | | |
| 09-09-09 | 63205 | 9.37 | 9.90 | 9.18 | | 99 | CM | Bulk |
| 16-09-14 | 63344 | 15.97 | 9.48 | 15.32 | | 101 | CM | Bulk |
| 17-03-08 | 63213 | 16.94 | 4.10 | 9.80 | | 101 | CM | Bulk |
| 17-14-21 | 63210 | 16.40 | 14.93 | 22.67 | | 101 | CM | Bulk |
| 21-12-19 | 63209 | 22.02 | 14.37 | 18.30 | | 103 | CM | Bulk |
| 22-10-19 | 63211 | 23.44 | 11.28 | 19.09 | | 102 | CM | Bulk |
| 22-10-19 | 63212 | 22.34 | 10.96 | 19.95 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| SS (CARL) OWINGS SVC-CARLISLE BR CARLISLE KY 40311 | | | | | | | | |
| 09-18-28 | 62863 | 9.12 | 18.21 | 30.07 | | 101 | CM | Bulk |
| 11-11-17 | 62861 | 11.21 | 11.02 | 18.92 | | 103 | CM | Bulk |
| 15-00-34 | 62862 | 15.48 | 0.00 | 36.17 | | 104 | CM | Bulk |
| 15-09-14 | 62902 | 16.06 | 10.06 | 14.56 | | 101 | CM | Bulk |
| 16-09-14 | 62860 | 16.76 | 9.74 | 14.77 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|--------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (CARL) OWINGS SVC-CARLISLE BR CARLISLE KY 40311 | | | | | | | | |
| 17-00-31 | 62859 | 18.14 | 0.00 | 32.12 | | 104 | CM | Bulk |
| 17-13-18 | 62903 | 16.61 | 13.23 | 24.42 | | 109 | CM | Bulk |
| 21-12-19 | 62858 | 21.52 | 13.10 | 19.58 | | 102 | CM | Bulk |
| 23-00-30 | 62901 | 21.80 | 0.00 | 31.98 | | 100 | CM | Bulk |
| 30-00-20 | 62857 | 31.43 | 0.00 | 21.51 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.75 | 99.86 | 107.44 | | | | |
| ALL SAMPLES,CV % | | 3.11 | 3.48 | 9.1 | | | | |
| NUMBER OF ANALYSIS | | 10 | 6 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (CLAY) CLAY KY 42404 | | | | | | | | |
| 08-21-32 | 62504 | 8.41 | 21.70 | 31.87 | | 101 | CM | Bulk |
| 10-26-26 | 62503 | 10.03 | 26.10 | 26.11 | | 100 | CM | Bulk |
| 10-27-24 | 62505 | 10.68 | 27.79 | 23.90 | | 100 | CM | Bulk |
| 13-20-26 | 62496 | 12.92 | 21.00 | 26.88 | | 101 | CM | Bulk |
| 13-20-26 | 62497 | 12.89 | 19.82 | 28.16 | | 100 | CM | Bulk |
| 13-20-26 | 62498 | 12.73 | 21.37 | 27.11 | | 102 | CM | Bulk |
| 13-20-26 | 62499 | 13.59 | 20.43 | 26.32 | | 101 | CM | Bulk |
| 13-20-26 | 62500 | 14.19 | 20.74 | 25.51 | | 102 | CM | Bulk |
| 13-20-26 | 62501 | 13.77 | 21.25 | 25.66 | | 102 | CM | Bulk |
| 13-20-26 | 62502 | 13.49 | 19.98 | 26.90 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 13-20-26 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 13.37 | 20.66 | 26.65 | | 101.0 | | |
| CV, % | | 4.03 | 2.93 | 3.42 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.59 | 102.23 | 100.79 | | | | |
| ALL SAMPLES,CV % | | 3.42 | 2.52 | 3.09 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (COLU) GREEN RVR SVC ADAIR COLUMBIA KY 42728 | | | | | | | | |
| 14-14-29 | 62450 | 14.32 | 15.49 | 28.88 | | 101 | CM | Bulk |
| 19-19-19 | 61855 | 19.94 | 20.35 | 18.53 | | 102 | CM | Bulk |
| 19-19-19 | 61856 | 19.92 | 19.97 | 18.88 | | 102 | CM | Bulk |
| 19-19-19 | 61859 | 19.50 | 20.04 | 19.57 | | 102 | CM | Bulk |
| 19-19-19 | 61860 | 19.46 | 20.00 | 19.37 | | 102 | CM | Bulk |
| 19-19-19 | 62451 | 19.28 | 19.64 | 19.31 | | 100 | CM | Bulk |
| 19-19-19 | 62452 | 19.20 | 20.42 | 19.52 | | 102 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 19.55 | 20.07 | 19.20 | | 101.6 | | |
| CV, % | | 1.61 | 1.41 | 2.12 | | | | |
| 25-11-17 | 61854 | 26.14 | 11.96 | 17.76 | | 103 | CM | Bulk |
| 25-11-17 | 61857 | 25.97 | 11.46 | 17.60 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|------------------------------------|------------------------|--------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| SS (COLU) GREEN RVR SVC ADAIR | COLUMBIA KY 42728 | | | | | | | |
| 25-11-17 | 61858 | 26.07 | 12.25 | 17.48 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.13 | 103.56 | 99.87 | | | | |
| ALL SAMPLES,CV % | | 2 | 1.92 | 2.15 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (CYN) LEXINGTON COOP-CYN BRANCH | CYNTHIANA KY 41031 | | | | | | | |
| 04-04-04 | 62387 | 4.98 | 5.29 | 4.24 | | 111 | CM | Bulk |
| 05-14-28 | 62357+ | 5.79 | 14.69 | 28.05 | | 99 | CM | Bulk |
| 10-00-11 | 63315+ | 10.67 | 0.00 | 11.35 | * | 103 | CM | Bulk |
| 10-00-11 | 63316+ | 10.11 | 0.00 | 11.01 | * | 99 | CM | Bulk |
| 12-10-15 | 63318 | 12.37 | 9.91 | 16.87 | | 100 | CM | Bulk |
| 15-00-40 | 62360 | 16.36 | 0.00 | 39.09 | | 102 | CM | Bulk |
| 19-07-21 | 62359+ | 20.16 | 6.73 | 22.99 | | 101 | CM | Bulk |
| 20-08-17 | 63317+ | 20.00 | 9.17 | 17.90 | | 101 | CM | Bulk |
| 23-16-16 | 62356 | 23.29 | 16.15 | 17.07 | | 100 | CM | Bulk |
| 28-00-23 | 62355 | 29.17 | 0.00 | 23.23 | | 102 | CM | Bulk |
| 44-00-00 | 62358 | 46.00 | 0.00 | 0.00 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.46 | 100.39 | 100.91 | | | | |
| ALL SAMPLES,CV % | | 3.79 | 9.31 | 3.15 | | | | |
| NUMBER OF ANALYSIS | | 11 | 6 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (DANV) COOP BOYLE BR | DANVILLE KY 40422 | | | | | | | |
| 03-09-45 | 61340+ | 4.03 | 9.76 | 46.28 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| SS (ELIZ) HARDIN COOP, INC | ELIZABETHTOWN KY 42701 | | | | | | | |
| 00-10-41 | 60486+ | 0.00 | 11.37 | 41.61 | | 101 | CM | Bulk |
| 00-13-40 | 60484+ | 0.00 | 14.07 | 40.99 | | 101 | CM | Bulk |
| 00-13-40 | 60485+ | 0.00 | 13.95 | 41.52 | | 102 | CM | Bulk |
| 00-15-40 | 62181 | 0.00 | 15.64 | 40.78 | | 103 | CM | Bulk |
| 19-19-18 | 61808 | 19.57 | 20.33 | 18.81 | | 101 | CM | Bulk |
| 19-19-19 | 61809 | 19.38 | 19.15 | 19.54 | | 100 | CM | Bulk |
| 19-19-19 | 62179 | 18.99 | 18.78 | 20.62 | | 99 | CM | Bulk |
| 19-19-19 | 62180 | 19.33 | 19.52 | 19.88 | | 101 | CM | Bulk |
| 19-19-19 | 62182 | 19.08 | 19.77 | 19.27 | | 100 | CM | Bulk |
| 19-20-18 | 61807 | 19.64 | 20.08 | 18.89 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.74 | 101.37 | 101.49 | | | | |
| ALL SAMPLES,CV % | | 0.99 | 2.21 | 2.05 | | | | |
| NUMBER OF ANALYSIS | | 6 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (ELKT) RUSS.-TODD BRANCH | ELKTON KY 42220 | | | | | | | |
| 06-29-25 | 60360 | 6.70 | 31.06 | 24.67 | | 102 | CM | Bulk |
| 09-24-21 | 61211 | 9.94 | 25.29 | 21.70 | | 103 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|---------|--------|--------|-------|-----|------|------|
| ----- | | | | | | | | |
| SS (ELKT) RUSS.-TODD BRANCH ELKTON KY 42220 | | | | | | | | |
| 10-27-24 | 61206 | 10.76 | 26.98 | 24.94 | | 100 | CM | Bulk |
| 10-27-24 | 61212 | 10.93 | 28.53 | 23.31 | | 101 | CM | Bulk |
| 12-31-16 | 61208 | 12.40 | 32.29 | 16.81 | | 100 | CM | Bulk |
| 13-25-21 | 61210 | 13.77 | 26.37 | 22.34 | | 102 | CM | Bulk |
| 19-19-19 | 61207 | 19.14 | 19.51 | 19.37 | | 100 | CM | Bulk |
| 20-18-16 | 61204 | 22.35 | 18.39 | 15.69 | | 102 | CM | Bulk |
| 21-18-18 | 61209 | 20.91 | 19.30 | 17.83 | | 102 | CM | Bulk |
| 25-14-15 | 61205 | 25.42 | 15.77 | 15.91 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.46 | 102.29 | 100.46 | | | | |
| ALL SAMPLES,CV % | | 3.25 | 3.05 | 3.39 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (EMIN) INC KNTCKANA SVC-HENRY BR EMINENCE KY 40019-9801 | | | | | | | | |
| 03-09-45 | 63341+ | 4.61 | 8.98 | 45.28 | | 102 | CM | Bulk |
| 06-15-34 | 62831 | 6.65 | 16.20 | 34.85 | | 102 | CM | Bulk |
| 11-05-15 | 62828+ | 10.45 * | 5.01 | 16.94 | | 100 | CM | Bulk |
| 11-05-15 | 62829+ | 10.83 | 5.33 | 16.52 | | 102 | CM | Bulk |
| 13-16-25 | 62834 | 13.35 | 17.17 | 25.65 | | 101 | CM | Bulk |
| 17-05-10 | 62830 | 16.34 | 5.64 | 11.52 | | 100 | CM | Bulk |
| 18-14-21 | 62832 | 17.78 | 15.08 | 22.84 | | 103 | CM | Bulk |
| 19-10-16 | 62822 | 19.96 | 10.37 | 16.79 | | 101 | CM | Bulk |
| 35-00-14 | 63342 | 34.83 | 0.00 | 15.38 | | 101 | CM | Bulk |
| 35-00-14 | 63343 | 35.01 | 0.00 | 15.09 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.97 | 101.42 | 105.28 | | | | |
| ALL SAMPLES,CV % | | 10.09 | 3.61 | 3.26 | | | | |
| NUMBER OF ANALYSIS | | 10 | 8 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041 | | | | | | | | |
| 00-00-59 | 62193+ | 0.00 | 0.00 | 58.85 | | 99 | CM | Bulk |
| 02-07-24 | 62204 | 2.73 | 7.33 | 24.43 | | 99 | CM | Bulk |
| 03-08-46 | 62203+ | 3.15 | 8.56 | 46.63 | | 99 | CM | Bulk |
| 11-11-11 | 62202 | 11.00 | 11.56 | 11.13 | | 97 | CM | Bulk |
| 15-00-00 | 62200 | 15.02 | 0.00 | 0.00 | | 98 | CM | Bulk |
| 19-19-19 | 62201 | 18.62 | 19.99 | 19.63 | | 100 | CM | Bulk |
| 19-19-19 | 62205 | 18.77 | 19.96 | 19.10 | | 100 | CM | Bulk |
| 19-19-19 | 62209 | 20.50 | 19.03 | 18.38 | | 101 | CM | Bulk |
| 28-15-00 | 62206 | 28.79 | 15.08 | 0.00 | | 100 | CM | Bulk |
| 29-11-11 | 62194 | 29.64 | 11.95 | 11.88 | | 101 | CM | Bulk |
| 30-11-11 | 62207 | 30.05 | 11.74 | 11.59 | | 100 | CM | Bulk |
| 33-07-10 | 62196 | 33.85 | 8.01 | 10.20 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|--------|-------|-------|------|------|
| SS (FLEM) FLEMINGSBURG FLEMINGSBURG KY 41041 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.17 | 100.99 | 99.72 | | | | |
| ALL SAMPLES,CV % | | 3.52 | 2.64 | 2.45 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (FRAN) SIMPSON COOP FRANKLIN KY 42134 | | | | | | | | |
| 05-15-19 | 60259 | 6.74 | 16.25 | 19.88 | | 105 | CM | Bulk |
| 08-21-27 | 60260 | 8.23 | 20.53 | 28.05 | | 99 | CM | Bulk |
| 08-21-27 | 60261 | 8.22 | 20.43 | 28.11 | | 99 | CM | Bulk |
| 08-21-27 | 60262 | 8.10 | 21.30 | 29.34 | | 102 | CM | Bulk |
| 08-21-27 | 60263 | 8.11 | 21.34 | 28.89 | | 101 | CM | Bulk |
| 08-21-27 | 60265 | 7.98 | 20.55 | 29.22 | | 100 | CM | Bulk |
| 08-21-27 | 60266 | 8.40 | 21.22 | 28.70 | | 101 | CM | Bulk |
| 08-21-27 | 60267 | 8.16 | 21.09 | 28.40 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 08-21-27 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 8.17 | 20.92 | 28.67 | | 100.3 | | |
| CV, % | | 1.61 | 1.92 | 1.78 | | | | |
| 08-21-28 | 60264 | 7.64 | 19.64 * | 29.00 | | 97 | CM | Bulk |
| 09-23-30 | 60268 | 8.66 | 22.40 | 31.19 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.74 | 98.40 | 103.09 | | | | |
| ALL SAMPLES,CV % | | 5.75 | 3.94 | 1.79 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| SS (GEOR) GEORGETOWN COOP GEORGETOWN KY 40324 | | | | | | | | |
| 07-18-36 | 63051 | 7.03 | 18.17 | 36.05 | | 99 | CM | Bulk |
| 14-00-07 | 63049+ | 12.98 * | 0.00 | 7.46 | | 92 * | CM | Bulk |
| 14-00-07 | 63050+ | 15.03 | 0.00 | 7.82 | | 104 | CM | Bulk |
| 29-05-11 | 63047 | 30.29 | 5.81 | 12.33 | | 103 | CM | Bulk |
| 29-05-11 | 63048 | 30.18 | 5.67 | 12.05 | | 102 | CM | Bulk |
| 29-05-11 | 63052 | 30.04 | 5.91 | 11.70 | | 102 | CM | Bulk |
| 31-00-15 | 63045 | 33.79 | 0.00 | 14.52 | | 103 | CM | Bulk |
| 31-00-18 | 62716 | 31.50 | 0.00 | 20.88 | | 102 | CM | Bulk |
| 32-00-17 | 60533 | 32.77 | 0.00 | 18.85 | | 102 | CM | Bulk |
| SS (GLAS) GLASGOW COOP GLASGOW KY 42141 | | | | | | | | |
| 19-13-17 | 61073 | 20.04 | 12.74 | 17.12 | | 100 | CM | Bulk |
| 19-13-17 | 61074 | 18.74 | 12.55 | 18.44 | | 98 | CM | Bulk |
| 19-19-19 | 61066 | 18.66 | 19.74 | 19.49 | | 99 | CM | Bulk |
| 19-19-19 | 61068 | 18.97 | 19.51 | 19.77 | | 100 | CM | Bulk |
| 19-19-19 | 61075 | 20.41 | 18.95 | 18.16 | | 101 | CM | Bulk |
| 20-20-17 | 61077 | 20.95 | 18.34 * | 17.60 | | 98 | CM | Bulk |
| 21-21-15 | 61067 | 22.60 | 19.51 * | 15.50 | | 100 | CM | Bulk |
| 25-12-12 | 61076 | 25.54 | 12.95 | 12.58 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|----------------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (GLAS) GLASGOW COOP | | GLASGOW KY | 42141 | | | | | |
| 26-08-08 | 61065 | 28.68 | 7.97 | 6.80 * | | 103 | CM | Bulk |
| 27-13-13 | 61078 | 26.22 | 14.15 | 14.87 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.48 | 98.24 | 99.67 | | | | |
| ALL SAMPLES,CV % | | 4.9 | 4.41 | 7.37 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 30.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (GREE) GREENVILLE KY SVC | | GREENVILLE KY | 42345 | | | | | |
| 14-23-22 | 61786 | 15.44 | 22.98 | 22.11 | | 101 | CM | Bulk |
| 19-19-18 | 61788 | 19.86 | 18.74 | 19.23 | | 99 | CM | Bulk |
| 19-19-18 | 62605 | 19.45 | 18.91 | 19.62 | | 99 | CM | Bulk |
| 19-19-18 | 62606 | 19.94 | 18.95 | 19.48 | | 100 | CM | Bulk |
| 19-19-19 | 61784 | 20.07 | 19.92 | 18.68 | | 102 | CM | Bulk |
| 19-19-19 | 61785 | 18.94 | 19.47 | 20.47 | | 100 | CM | Bulk |
| 21-11-15 | 61787 | 22.43 | 9.99 * | 15.51 | | 99 | CM | Bulk |
| 25-09-09 | 62601 | 25.86 | 9.81 | 9.49 | | 102 | CM | Bulk |
| 25-09-09 | 62602 | 26.48 | 9.46 | 9.30 | | 102 | CM | Bulk |
| 25-09-09 | 62603 | 26.20 | 8.70 | 9.13 | | 100 | CM | Bulk |
| 25-09-09 | 62604 | 25.86 | 8.89 | 9.46 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.39 | 96.44 | 101.69 | | | | |
| ALL SAMPLES,CV % | | 2.96 | 4.88 | 2.94 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (HARD) BRECK COOP | | HARDINSBURG KY | 40143 | | | | | |
| 00-21-31 | 61993 | 0.00 | 21.99 | 31.25 | | 101 | CM | Bulk |
| 05-00-50 | 61986 | 5.32 | 0.00 | 50.81 | | 102 | CM | Bulk |
| 07-14-07 | 63141 | 7.56 | 14.47 | 6.67 | * | 103 | Mnfr | Liq |
| 08-22-29 | 61989 | 8.80 | 22.09 | 29.95 | | 101 | CM | Bulk |
| 18-13-20 | 63186 | 18.12 | 13.09 | 21.76 | | 100 | CM | Bulk |
| 19-19-19 | 61988 | 19.00 | 19.15 | 20.20 | | 100 | CM | Bulk |
| 19-19-19 | 61990 | 19.35 | 20.41 | 18.73 | | 101 | CM | Bulk |
| 19-19-19 | 61991 | 20.03 | 19.63 | 18.23 | | 101 | CM | Bulk |
| 19-19-19 | 61994 | 20.49 | 19.25 | 18.27 | | 101 | CM | Bulk |
| 19-19-19 | 61995 | 19.41 | 20.25 | 18.71 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.66 | 19.74 | 18.83 | | 100.8 | | |
| CV, % | | 3.03 | 2.9 | 4.26 | | | | |
| 20-20-17 | 61987 | 21.63 | 20.55 | 16.03 | | 101 | CM | Bulk |
| 20-20-17 | 61992 | 20.63 | 20.52 | 17.85 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-----|------|------|
| SS (HARD) BRECK COOP HARDINSBURG KY 40143 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.21 | 101.09 | 98.99 | | | | |
| ALL SAMPLES,CV % | | 3.36 | 2.98 | 4.46 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (HARR) CNTRL KY SVC HARRODSBURG KY 40330 | | | | | | | | |
| 00-00-53 | 60848+ | 0.00 | 0.00 | 53.87 | | 100 | CM | Bulk |
| 00-00-55 | 62280+ | 0.00 | 0.00 | 55.70 | | 100 | CM | Bulk |
| 00-00-55 | 62285+ | 0.00 | 0.00 | 56.15 | | 101 | CM | Bulk |
| 09-00-13 | 62899 | 10.53 | 0.00 | 14.10 | | 106 | CM | Bulk |
| 09-00-13 | 62900 | 9.83 | 0.00 | 13.18 | | 99 | CM | Bulk |
| 09-00-47 | 62286 | 10.47 | 0.00 | 46.65 | | 103 | CM | Bulk |
| 09-00-48 | 62282 | 9.25 | 0.00 | 48.50 | | 101 | CM | Bulk |
| 15-11-09 | 62281+ | 17.05 | 11.76 | 9.31 | | 104 | CM | Bulk |
| 32-08-09 | 62894 | 32.00 | 8.08 | 10.85 | | 101 | CM | Bulk |
| 32-08-09 | 62895 | 31.97 | 10.37 | 8.85 | | 102 | CM | Bulk |
| 34-00-15 | 62283 | 35.32 | 0.00 | 15.40 | | 102 | CM | Bulk |
| 34-00-15 | 62284 | 36.38 | 0.00 | 14.48 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.63 | 107.58 | 101.56 | | | | |
| ALL SAMPLES,CV % | | 5.42 | 13.1 | 6.13 | | | | |
| NUMBER OF ANALYSIS | | 9 | 3 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (HEND) HENDERSON COOP HENDERSON KY 42420 | | | | | | | | |
| 00-14-40 | 60510 | 0.00 | 16.78 | 39.49 | | 102 | CM | Bulk |
| 00-14-40 | 60511 | 0.00 | 14.64 | 43.20 | | 105 | CM | Bulk |
| 00-15-40 | 60512 | 0.00 | 16.13 | 41.22 | | 104 | CM | Bulk |
| 00-15-40 | 60513 | 0.00 | 16.27 | 40.90 | | 104 | CM | Bulk |
| 00-15-40 | 60514 | 0.00 | 15.80 | 41.16 | | 104 | CM | Bulk |
| 00-22-30 | 60515 | 0.00 | 22.67 | 31.31 | | 103 | CM | Bulk |
| 09-23-30 | 62580 | 9.04 | 24.00 | 30.15 | | 102 | CM | Bulk |
| 09-23-30 | 62581 | 8.76 | 22.71 | 30.96 | | 100 | CM | Bulk |
| 09-23-30 | 62582 | 9.00 | 23.80 | 29.47 | | 101 | CM | Bulk |
| 11-19-29 | 62579 | 10.57 | 19.98 | 29.69 | | 99 | CM | Bulk |
| 17-09-18 | 62583 | 17.95 | 10.27 | 20.01 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.29 | 104.73 | 102.41 | | | | |
| ALL SAMPLES,CV % | | 2.99 | 4.53 | 2.88 | | | | |
| NUMBER OF ANALYSIS | | 5 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (HODG) HARDIN COOP HODG BR SVC HODGENVILLE KY 42748 | | | | | | | | |
| 00-16-38 | 61141 | 0.00 | 17.29 | 39.16 | | 104 | CM | Bulk |
| 00-17-26 | 61633+ | 0.00 | 19.24 | 26.51 | | 105 | CM | Bulk |
| 00-21-31 | 61138 | 0.00 | 22.42 | 31.84 | | 103 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-----------------------|---------|--------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (HODG) HARDIN COOP HODG BR SVC | HODGENVILLE KY 42748 | | | | | | | |
| 00-22-29 | 61136 | 0.00 | 23.82 | 30.00 | | 103 | CM | Bulk |
| 00-22-30 | 61134 | 0.00 | 22.46 | 31.81 | | 102 | CM | Bulk |
| 00-22-30 | 61140 | 0.00 | 23.40 | 30.97 | | 104 | CM | Bulk |
| 18-18-19 | 61635 | 18.10 | 18.75 | 19.50 | | 98 | CM | Bulk |
| 19-13-19 | 63337 | 19.40 | 13.28 | 20.78 | | 101 | CM | Bulk |
| 19-19-19 | 61133 | 19.14 | 19.36 | 20.18 | | 100 | CM | Bulk |
| 19-19-19 | 61135 | 19.38 | 19.57 | 19.96 | | 101 | CM | Bulk |
| 19-19-19 | 61137 | 18.66 | 19.88 | 20.13 | | 100 | CM | Bulk |
| 19-19-19 | 61139 | 19.64 | 19.33 | 19.79 | | 101 | CM | Bulk |
| 19-19-19 | 61634 | 17.17 * | 20.51 | 19.30 | | 98 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 18.80 | 19.73 | 19.87 | | 100.1 | | |
| CV, % | | 5.22 | 2.46 | 1.78 | | | | |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.06 | 103.19 | 102.45 | | | | |
| ALL SAMPLES,CV % | | 4.46 | 3.19 | 1.95 | | | | |
| NUMBER OF ANALYSIS | | 7 | 13 | 13 | | | | |
| Deficiency Rate = 7.69 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (HOPK) HOPKINSVILLE COOP | HOPKINSVILLE KY 42240 | | | | | | | |
| 05-25-28 | 60305 | 5.58 | 25.25 | 29.14 | | 101 | CM | Bulk |
| 05-25-28 | 60306 | 5.57 | 25.09 | 29.31 | | 101 | CM | Bulk |
| 05-26-27 | 60235 | 5.74 | 27.03 | 27.74 | | 102 | CM | Bulk |
| 05-26-27 | 60236 | 5.58 | 26.67 | 28.51 | | 102 | CM | Bulk |
| 05-26-28 | 60234 | 5.58 | 26.37 | 29.72 | | 102 | CM | Bulk |
| 10-27-22 | 60566+ | 11.11 | 28.46 | 22.71 | | 102 | CM | Bulk |
| 10-27-22 | 60567+ | 11.22 | 28.61 | 22.52 | | 102 | CM | Bulk |
| 10-27-22 | 60568+ | 11.05 | 28.23 | 23.15 | | 102 | CM | Bulk |
| 19-19-19 | 61761 | 18.95 | 19.27 | 20.41 | | 100 | CM | Bulk |
| 19-19-19 | 61763 | 19.00 | 20.39 | 19.53 | | 102 | CM | Bulk |
| 21-17-17 | 61762 | 21.97 | 18.57 | 18.05 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.40 | 101.98 | 102.25 | | | | |
| ALL SAMPLES,CV % | | 2.14 | 2.43 | 1.78 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (HORS) HORSE CAVE COOP | HORSE CAVE KY 42749 | | | | | | | |
| 09-18-27 | 62993 | 9.06 | 18.12 | 29.17 | | 101 | CM | Bulk |
| 14-14-29 | 60926 | 14.45 | 13.97 | 30.86 | | 100 | CM | Bulk |
| 16-13-23 | 60921 | 17.83 | 16.02 | 21.06 * | | 106 | CM | Bulk |
| 17-11-21 | 62992+ | 17.59 | 11.55 | 22.64 | | 101 | CM | Bulk |
| 17-17-17 | 60918 | 17.99 | 18.52 | 17.30 | | 101 | CM | Bulk |
| 17-17-17 | 60919 | 18.36 | 18.12 | 18.16 | | 103 | CM | Bulk |
| 17-17-17 | 61030 | 18.00 | 18.69 | 18.00 | | 103 | CM | Bulk |
| 19-19-19 | 60922 | 19.54 | 19.78 | 19.12 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (HORS) HORSE CAVE COOP HORSE CAVE KY 42749 | | | | | | | | |
| 19-19-19 | 60927 | 20.50 | 19.02 | 19.94 | | 102 | CM | Bulk |
| 21-10-16 | 63028+ | 21.07 | 10.87 | 17.98 | | 101 | CM | Bulk |
| 23-08-22 | 60923 | 24.62 | 7.04 * | 23.68 | | 100 | CM | Bulk |
| 23-32-00 | 60920 | 24.50 | 32.54 | 0.00 | | 101 | CM | Bulk |
| 28-12-12 | 60924 | 30.00 | 13.39 | 10.28 * | | 102 | CM | Bulk |
| 32-09-09 | 60925 | 33.49 | 10.24 | 9.27 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.03 | 101.72 | 100.13 | | | | |
| ALL SAMPLES,CV % | | 3.11 | 7.58 | 6.89 | | | | |
| NUMBER OF ANALYSIS | | 14 | 14 | 13 | | | | |
| Deficiency Rate = 21.43 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (LAGR) KY SVC BR-LAGRANGE BR LAGRANGE KY 40031 | | | | | | | | |
| 07-17-34 | 62344 | 8.04 | 18.73 | 33.61 | | 102 | CM | Bulk |
| 19-19-19 | 62342 | 19.16 | 19.71 | 19.72 | | 101 | CM | Bulk |
| 19-19-19 | 62343 | 19.60 | 20.10 | 19.22 | | 102 | CM | Bulk |
| 19-19-19 | 62347 | 19.31 | 19.28 | 19.75 | | 100 | CM | Bulk |
| 19-19-19 | 62348 | 19.55 | 19.05 | 19.73 | | 100 | CM | Bulk |
| 19-19-19 | 62349 | 19.38 | 19.67 | 19.51 | | 101 | CM | Bulk |
| 19-19-19 | 62350 | 19.25 | 18.78 | 21.11 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 19.38 | 19.43 | 19.84 | | 100.7 | | |
| CV, % | | 0.89 | 2.49 | 3.3 | | | | |
| 20-19-18 | 62345 | 19.64 | 19.87 | 19.30 | | 101 | CM | Bulk |
| 20-19-18 | 62346 | 20.42 | 19.08 | 18.71 | | 100 | CM | Bulk |
| 26-32-00 | 62341 | 26.60 | 32.96 | 0.00 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.21 | 101.44 | 102.24 | | | | |
| ALL SAMPLES,CV % | | 1.87 | 3.07 | 3.55 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 9 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (LAWR) ANDERSON FRANKLIN SVC BR LAWRENCEBURG KY 40342 | | | | | | | | |
| 11-00-40 | 63251 | 11.91 | 0.00 | 40.00 | | 102 | CM | Bulk |
| 12-00-32 | 63250 | 12.96 | 0.00 | 32.89 | | 102 | CM | Bulk |
| 12-06-30 | 63254 | 12.73 | 6.93 | 30.23 | | 102 | CM | Bulk |
| 12-06-30 | 63255 | 13.01 | 6.90 | 29.89 | | 102 | CM | Bulk |
| 13-15-22 | 63252 | 13.50 | 15.53 | 22.66 | | 101 | CM | Bulk |
| 18-00-22 | 63256 | 18.59 | 0.00 | 23.62 | | 102 | CM | Bulk |
| 19-10-16 | 63257 | 19.43 | 11.93 | 15.51 | | 102 | CM | Bulk |
| 22-00-17 | 63259 | 23.02 | 0.00 | 17.30 | | 102 | CM | Bulk |
| 22-00-20 | 63258 | 22.61 | 0.00 | 20.29 | | 100 | CM | Bulk |
| 24-00-14 | 63253 | 24.90 | 0.00 | 14.14 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|------|------|
| SS (LAWR) ANDERSON FRANKLIN SVC BR LAWRENCEBURG KY 40342 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.05 | 105.70 | 100.04 | | | | |
| ALL SAMPLES,CV % | | 2.07 | 3.34 | 2.03 | | | | |
| NUMBER OF ANALYSIS | | 10 | 4 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (LEBA) LEBANON SVC LEBANON KY 40033 | | | | | | | | |
| 06-17-37 | 63268 | 6.70 | 16.96 | 38.72 | | 101 | CM | Bulk |
| 08-16-35 | 63271+ | 8.11 | 16.26 | 35.87 | | 101 | CM | Bulk |
| 11-05-24 | 63272 | 11.09 | 4.75 | 25.69 | | 101 | CM | Bulk |
| 14-14-21 | 63269 | 14.22 | 15.54 | 22.02 | | 103 | CM | Bulk |
| 15-09-16 | 63270 | 15.52 | 9.38 | 16.64 | | 102 | CM | Bulk |
| 15-09-16 | 63275 | 15.22 | 8.85 | 17.55 | | 102 | CM | Bulk |
| 18-17-22 | 63273+ | 17.86 | 17.73 | 21.65 | | 101 | CM | Bulk |
| 18-17-22 | 63274+ | 17.73 | 17.14 | 22.19 | | 100 | CM | Bulk |
| 21-15-20 | 61155 | 21.24 | 15.24 | 20.68 | | 100 | CM | Bulk |
| 27-11-15 | 61169 | 27.73 | 11.46 | 15.65 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.22 | 99.81 | 103.03 | | | | |
| ALL SAMPLES,CV % | | 1.53 | 4.46 | 2.88 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (LEIT) LEITCHFIELD COOP LEITCHFIELD KY 42754 | | | | | | | | |
| 12-24-24 | 61822 | 12.31 | 24.81 | 24.44 | | 101 | CM | Bulk |
| 18-18-21 | 61819 | 18.67 | 18.70 | 21.08 | | 101 | CM | Bulk |
| 19-19-19 | 61813 | 20.15 | 19.70 | 18.74 | | 102 | CM | Bulk |
| 19-19-19 | 61814 | 20.10 | 19.41 | 19.95 | | 102 | CM | Bulk |
| 19-19-19 | 61815 | 20.59 | 19.83 | 18.83 | | 103 | CM | Bulk |
| 19-19-19 | 61816 | 19.94 | 19.04 | 19.41 | | 101 | CM | Bulk |
| 19-19-19 | 61818 | 19.60 | 19.28 | 20.05 | | 101 | CM | Bulk |
| 19-19-19 | 61820 | 19.17 | 19.28 | 18.28 | | 98 | CM | Bulk |
| 19-19-19 | 61821 | 19.73 | 19.53 | 19.43 | | 101 | CM | Bulk |
| 19-19-19 | 61823 | 19.32 | 19.33 | 20.15 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | | | | | | | |
| | | 19.83 | 19.43 | 19.36 | | 101.1 | | |
| CV, % | | | | | | | | |
| | | 2.35 | 1.31 | 3.54 | | | | |
| 19-20-18 | 61817 | 19.92 | 20.13 | 18.98 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.19 | 100.47 | 99.97 | | | | |
| ALL SAMPLES,CV % | | 2.08 | 1.45 | 3.36 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (LEXI) LEXINGTON COOP LEXINGTON KY 40508 | | | | | | | | |
| 15-00-27 | 63179 | 16.17 | 0.00 | 28.05 | | 102 | CM | Bulk |
| 15-00-27 | 63180 | 16.64 | 0.00 | 27.55 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (LEXI) LEXINGTON COOP | | LEXINGTON KY | 40508 | | | | | |
| 18-04-22 | 63178 | 17.65 | 4.98 | 23.78 | | 103 | CM | Bulk |
| 18-04-22 | 63182 | 17.87 | 5.20 | 23.99 | | 104 | CM | Bulk |
| 19-06-18 | 63177 | 20.19 | 5.90 | 18.43 | | 100 | CM | Bulk |
| 20-00-21 | 63181 | 20.80 | 0.00 | 20.57 | | 100 | CM | Bulk |
| 21-05-16 | 63183 | 22.74 | 5.12 | 16.32 | | 103 | CM | Bulk |
| 21-05-16 | 63184 | 20.16 | 5.17 | 17.69 | | 99 | CM | Bulk |
| 25-00-13 | 63175 | 24.89 | 0.00 | 14.53 | | 103 | CM | Bulk |
| 25-00-13 | 63176 | 26.04 | 0.00 | 12.88 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.19 | 99.69 | 103.11 | | | | |
| ALL SAMPLES, CV % | | 3.51 | 5.84 | 4.72 | | | | |
| NUMBER OF ANALYSIS | | 10 | 5 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (LIBE) LIBERTY SVC | | LIBERTY KY | 42539 | | | | | |
| 00-17-34 | 62728+ | 0.00 | 17.17 | 35.66 | | 101 | CM | Bulk |
| 06-25-26 | 61240 | 6.44 | 26.53 | 26.35 | | 102 | CM | Bulk |
| 11-00-44 | 62726 | 11.68 | 0.00 | 44.90 | | 100 | CM | Bulk |
| 16-14-24 | 61239 | 16.94 | 13.96 | 25.56 | | 102 | CM | Bulk |
| 18-18-18 | 61243 | 18.85 | 18.27 | 18.17 | | 101 | CM | Bulk |
| 19-19-19 | 61013 | 20.02 | 19.48 | 18.99 | | 101 | CM | Bulk |
| 19-19-19 | 61241 | 19.17 | 19.71 | 20.10 | | 101 | CM | Bulk |
| 19-19-19 | 61242 | 19.32 | 20.22 | 19.98 | | 102 | CM | Bulk |
| 19-19-19 | 61244 | 19.52 | 20.22 | 19.40 | | 102 | CM | Bulk |
| 19-19-19 | 61245 | 18.76 | 19.22 | 20.41 | | 100 | CM | Bulk |
| 19-19-19 | 62732 | 19.47 | 19.74 | 19.58 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 19.38 | 19.77 | 19.74 | | 101.4 | | |
| CV, % | | 2.15 | 2.02 | 2.62 | | | | |
| 32-00-17 | 61015 | 32.67 | 0.00 | 19.15 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.54 | 101.34 | 102.52 | | | | |
| ALL SAMPLES, CV % | | 1.83 | 2.08 | 2.9 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (LOND) LONDON COOP | | LONDON KY | 40741 | | | | | |
| 07-20-26 | 61959 | 8.32 | 20.29 | 26.83 | | 101 | CM | Bulk |
| 10-26-26 | 61960 | 10.61 | 27.83 | 24.86 | | 103 | CM | Bulk |
| 10-26-26 | 61965 | 9.86 | 26.07 | 26.48 | | 100 | CM | Bulk |
| 12-24-24 | 61962 | 12.42 | 25.73 | 23.58 | | 102 | CM | Bulk |
| 12-24-24 | 61963 | 12.35 | 24.84 | 24.67 | | 101 | CM | Bulk |
| 18-18-18 | 61967 | 18.95 | 18.92 | 18.08 | | 101 | CM | Bulk |
| 19-00-34 | 61964 | 20.22 | 0.00 | 35.35 | | 103 | CM | Bulk |
| 19-19-19 | 61958 | 19.28 | 19.84 | 20.23 | | 102 | CM | Bulk |
| 19-19-19 | 61961 | 19.43 | 20.90 | 18.63 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|--------|--------|-------|------|-------|------|
| ----- | | | | | | | | |
| SS (LOND) LONDON COOP LONDON KY 40741 | | | | | | | | |
| 19-19-19 | 61966 | 19.65 | 21.22 | 18.71 | | 104 | CM | Bulk |
| 19-19-19 | 61968 | 18.79 | 18.61 | 20.53 | | 100 | Blend | Bag |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.15 | 103.43 | 99.98 | | | | |
| ALL SAMPLES,CV % | | 2.24 | 3.75 | 4.06 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (MADI) MADISONVILLE COOP MADISONVILLE KY 42431 | | | | | | | | |
| 09-23-29 | 62966 | 8.86 | 22.96 | 30.03 | | 100 | CM | Bulk |
| 09-23-30 | 63006 | 8.47 | 21.91 | 31.90 | | 99 | CM | Bulk |
| 09-23-30 | 63007 | 8.28 | 22.48 | 31.56 | | 99 | CM | Bulk |
| 09-23-30 | 63008 | 8.80 | 22.58 | 31.66 | | 101 | CM | Bulk |
| 09-23-30 | 63009 | 9.01 | 22.60 | 30.88 | | 100 | CM | Bulk |
| 14-18-19 | 62763 | 14.70 | 18.65 | 19.68 | | 101 | CM | Bulk |
| 16-15-16 | 63003 | 16.18 | 15.13 | 17.63 | | 101 | CM | Bulk |
| 17-17-19 | 63002 | 16.71 | 18.35 | 20.47 | | 102 | CM | Bulk |
| 17-17-19 | 63004 | 16.72 | 18.33 | 20.13 | | 101 | CM | Bulk |
| 17-17-19 | 63005 | 16.85 | 17.70 | 20.43 | | 100 | CM | Bulk |
| 19-19-19 | 63010 | 14.05 * | 7.62 * | 36.08 | | 83 * | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 95.33 | 93.61 | 111.70 | | | | |
| ALL SAMPLES,CV % | | 8.47 | 19.34 | 22.2 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (MADIS) SEBRE BR MADISONVILLE KY 42431-1298 | | | | | | | | |
| 05-24-32 | 60397 | 5.42 | 24.23 | 32.76 | | 102 | CM | Bulk |
| 05-24-32 | 60398 | 5.36 | 24.71 | 32.55 | | 102 | CM | Bulk |
| 05-24-32 | 60399 | 5.30 | 24.50 | 32.89 | | 102 | CM | Bulk |
| 05-24-32 | 60400 | 5.23 | 24.43 | 33.27 | | 102 | CM | Bulk |
| ----- | | | | | | | | |
| SS (MAYS) MAYSVILLE COOP MAYSVILLE KY 41056-0668 | | | | | | | | |
| 00-00-58 | 61549+ | 0.00 | 0.00 | 58.53 | | 100 | CM | Bulk |
| 00-08-16 | 63044 | 0.37 | 8.56 | 17.28 | | 107 | CM | Bulk |
| 05-23-24 | 62647+ | 5.78 | 23.98 | 24.26 | | 100 | CM | Bulk |
| 08-22-16 | 63043 | 9.32 | 22.58 | 16.51 | | 101 | CM | Bulk |
| 12-12-12 | 62378 | 12.68 | 12.70 | 13.46 | | 100 | CM | Bulk |
| 13-04-08 | 63037 | 13.10 | 5.10 | 9.34 | | 102 | CM | Bulk |
| 19-19-19 | 61541 | 20.09 | 19.66 | 19.02 | | 102 | CM | Bulk |
| 19-19-19 | 62380 | 19.75 | 18.22 | 20.01 | | 99 | CM | Bulk |
| 19-19-19 | 63038 | 19.39 | 19.35 | 19.41 | | 100 | CM | Bulk |
| 21-13-21 | 63040 | 21.94 | 13.79 | 20.96 | | 102 | CM | Bulk |
| 25-10-17 | 63039 | 25.37 | 9.65 | 17.73 | | 101 | CM | Bulk |
| 26-00-24 | 62379 | 27.74 | 0.00 | 24.92 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|--------|--------|--------|-------|-------|------|------|
| SS (MAYS) MAYSVILLE COOP MAYSVILLE KY 41056-0668 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 131.02 | 101.03 | 101.89 | | | | |
| ALL SAMPLES, CV % | | 75.23 | 4.35 | 2.69 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (MORG) MORGANFIELD COOP MORGANFIELD KY 42437 | | | | | | | | |
| 07-20-33 | 62470 | 7.79 | 21.09 | 32.82 | | 101 | CM | Bulk |
| 08-21-32 | 62476 | 8.50 | 22.37 | 30.94 | | 101 | CM | Bulk |
| 10-26-25 | 62584 | 9.74 | 26.21 | 26.28 | | 100 | CM | Bulk |
| 10-26-25 | 62585 | 9.92 | 26.13 | 26.02 | | 100 | CM | Bulk |
| SS (MURR) CALLOWAY SVC MURRAY KY 42071 | | | | | | | | |
| 06-15-20 | 60475 | 6.45 | 15.65 | 21.99 | | 103 | CM | Bulk |
| 06-15-20 | 60476 | 6.55 | 16.07 | 21.36 | | 103 | CM | Bulk |
| 06-15-20 | 60477 | 6.63 | 16.15 | 20.67 | | 102 | CM | Bulk |
| 06-15-20 | 60478 | 6.74 | 16.56 | 21.77 | | 106 | CM | Bulk |
| 06-15-20 | 60479 | 6.91 | 16.70 | 21.47 | | 106 | CM | Bulk |
| 06-15-20 | 60480 | 6.71 | 16.76 | 21.06 | | 104 | CM | Bulk |
| 06-15-20 | 60481 | 6.43 | 16.72 | 21.27 | | 104 | CM | Bulk |
| Statistical Analysis for Grade : 06-15-20 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 6.63 | 16.37 | 21.37 | | 104.0 | | |
| CV, % | | 2.58 | 2.59 | 2.05 | | | | |
| 14-18-24 | 62249 | 13.99 | 18.74 | 23.89 | | 101 | CM | Bulk |
| 14-18-24 | 62250 | 14.04 | 18.97 | 23.43 | | 101 | CM | Bulk |
| 14-18-24 | 62251 | 13.94 | 18.60 | 23.57 | | 100 | CM | Bulk |
| 14-18-24 | 62252 | 13.89 | 17.81 | 24.52 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 104.24 | 102.29 | 101.85 | | | | |
| ALL SAMPLES, CV % | | 3.99 | 2.78 | 2.73 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| SS (NICH) NICHOLASVILLE SVC NICHOLASVILLE KY 40356 | | | | | | | | |
| 12-09-14 | 63232 | 12.20 | 9.06 | 14.43 | | 99 | CM | Bulk |
| 13-00-09 | 63230 | 14.08 | 0.00 | 9.62 | | 102 | CM | Bulk |
| 13-00-09 | 63231 | 13.53 | 0.00 | 9.73 | | 100 | CM | Bulk |
| 13-00-09 | 63233 | 13.02 | 0.00 | 9.55 | | 97 | CM | Bulk |
| 13-00-09 | 63234 | 14.20 | 0.00 | 9.56 | | 103 | CM | Bulk |
| 13-00-09 | 63235 | 13.99 | 0.00 | 9.74 | | 102 | CM | Bulk |
| 13-00-09 | 63236 | 13.64 | 0.00 | 8.98 | | 98 | CM | Bulk |
| 13-00-09 | 63237 | 13.77 | 0.00 | 9.60 | | 101 | CM | Bulk |
| 13-00-09 | 63238 | 13.87 | 0.00 | 9.18 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|-------|---------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (NICH) NICHOLASVILLE SVC NICHOLASVILLE KY 40356 | | | | | | | | |
| Statistical Analysis for Grade : 13-00-09 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | | | | | | | |
| | | 13.76 | 0.00 | 9.49 | | 100.4 | | |
| CV, % | | | | | | | | |
| | | 2.71 | 0 | 2.87 | | | | |
| 25-00-12 | 63239 | 26.44 | 0.00 | 12.26 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | | | | | | | |
| | | 99.63 | 99.77 | 101.89 | | | | |
| ALL SAMPLES,CV % | | | | | | | | |
| | | 2.75 | 0 | 2.54 | | | | |
| NUMBER OF ANALYSIS | | | | | | | | |
| | | 10 | 1 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (OWEN) COOP OWENSBORO OWENSBORO KY 42301 | | | | | | | | |
| 00-04-54 | 60556 | 0.00 | 5.79 | 54.07 | | 102 | CM | Bulk |
| 00-04-54 | 60557 | 0.00 | 4.31 | 56.53 | | 104 | CM | Bulk |
| 00-04-54 | 60558 | 0.00 | 5.16 | 55.52 | | 104 | CM | Bulk |
| 00-04-54 | 60559 | 0.00 | 5.16 | 55.13 | | 103 | CM | Bulk |
| 00-04-54 | 60560 | 0.00 | 5.01 | 54.15 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 00-04-54 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | | | | | | | |
| | | 0.00 | 5.09 | 55.08 | | 102.8 | | |
| CV, % | | | | | | | | |
| | | 0 | 10.38 | 1.86 | | | | |
| 00-06-50 | 60561 | 0.00 | 9.07 | 49.79 | | 102 | CM | Bulk |
| 00-08-48 | 60563 | 0.00 | 9.36 | 48.87 | | 102 | CM | Bulk |
| 00-08-49 | 60562 | 0.00 | 9.13 | 49.20 | | 102 | CM | Bulk |
| 09-23-30 | 62621 | 8.83 | 23.20 | 30.92 | | 101 | CM | Bulk |
| 09-23-30 | 62622 | 9.00 | 23.31 | 30.28 | | 101 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | | | | | | | |
| | | 99.06 | 115.02 | 100.97 | | | | |
| ALL SAMPLES,CV % | | | | | | | | |
| | | 1.35 | 10.31 | 1.84 | | | | |
| NUMBER OF ANALYSIS | | | | | | | | |
| | | 2 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (OWEN) OWENTON COOP, INC OWENTON KY 40359 | | | | | | | | |
| 07-01-40 | 63197 | 7.69 | 1.67 | 42.18 | | 104 | CM | Bulk |
| 07-01-40 | 63198 | 7.97 | 2.20 | 41.40 | | 104 | CM | Bulk |
| 11-08-13 | 63203 | 12.24 | 9.13 | 14.88 | * | 108 | CM | Bulk |
| 13-15-22 | 63202 | 14.67 | 16.33 | 22.68 | | 104 | CM | Bulk |
| 15-12-19 | 63199 | 14.14 | 12.47 | 21.02 | | 100 | CM | Bulk |
| 15-12-19 | 63200 | 14.52 | 11.54 * | 20.84 | | 98 | CM | Bulk |
| 15-13-20 | 63204 | 15.79 | 13.82 | 21.86 | | 103 | CM | Bulk |
| 19-19-18 | 63201 | 19.31 | 19.01 | 19.78 | | 99 | CM | Bulk |
| 28-12-12 | 63195 | 29.56 | 15.02 | 10.82 * | | 105 | CM | Bulk |
| 28-12-12 | 63196 | 28.75 | 12.91 | 12.98 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|------|------|------|
| ----- | | | | | | | | |
| SS (OWEN) OWENTON COOP, INC OWENTON KY 40359 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.29 | 105.97 | 104.17 | | | | |
| ALL SAMPLES,CV % | | 4.41 | 12.86 | 7.18 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 20.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (OWIN) OWINGSVILLE SVC OWINGSVILLE KY 40360 | | | | | | | | |
| 00-25-25 | 61287 | 0.00 | 26.02 | 26.23 | | 102 | CM | Bulk |
| 06-12-19 | 62904 | 6.73 | 12.58 | 19.59 | | 101 | CM | Bulk |
| 13-00-00 | 61298 | 13.24 | 0.00 | 0.00 | | 98 | CM | Bulk |
| 13-10-15 | 62905 | 13.57 | 10.41 | 15.95 | | 100 | CM | Bulk |
| 13-10-15 | 62906 | 14.17 | 10.81 | 15.97 | * | 103 | CM | Bulk |
| 13-16-25 | 62733 | 13.32 | 17.17 | 25.36 | | 101 | CM | Bulk |
| 15-06-09 | 62907 | 15.46 | 7.13 | 9.93 | | 101 | CM | Bulk |
| 19-19-19 | 60009 | 18.80 | 18.93 | 19.15 | | 98 | CM | Bulk |
| 19-19-19 | 61288 | 19.63 | 19.45 | 19.20 | | 101 | CM | Bulk |
| 19-19-19 | 61289 | 19.29 | 19.47 | 19.35 | | 100 | CM | Bulk |
| 19-19-19 | 62734 | 18.51 | 18.58 | 20.95 | | 98 | CM | Bulk |
| 19-19-19 | 62735 | 19.18 | 18.70 | 20.50 | | 99 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.08 | 19.03 | 19.83 | | 99.2 | | |
| CV, % | | 2.28 | 2.19 | 4.21 | | | | |
| 22-12-18 | 62908 | 21.75 | 12.34 | 19.88 | | 102 | CM | Bulk |
| 33-07-10 | 62909 | 32.74 | 8.72 | 11.29 | | 102 | CM | Bulk |
| 33-07-10 | 62910 | 34.13 | 7.99 | 10.13 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.34 | 101.52 | 103.09 | | | | |
| ALL SAMPLES,CV % | | 2.44 | 4.37 | 3.99 | | | | |
| NUMBER OF ANALYSIS | | 14 | 14 | 14 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV RICHMOND VA 23260 | | | | | | | | |
| 00-00-00 | 60554+ | 0.00 | 0.00 | 0.00 | | | Mat | Bulk |
| 00-00-00 | 60555+ | 0.00 | 0.00 | 0.00 | | | Mat | Bulk |
| 00-00-22 | 61128+ | 0.00 | 0.00 | 22.41 | | 102 | Mat | Bulk |
| 00-00-22 | 61347+ | 0.00 | 0.00 | 21.88 | | 99 | Mat | Bulk |
| 00-00-22 | 62649+ | 0.00 | 0.00 | 22.04 | | 100 | Mat | Bulk |
| 00-00-22 | 62867+ | 0.00 | 0.00 | 21.91 | | 100 | Mat | Bulk |
| 00-00-22 | 62988+ | 0.00 | 0.00 | 21.68 | | 99 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-22 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 21.98 | | 99.9 | | |
| CV, % | | 0 | 0 | 1.23 | | | | |
| 00-00-50 | 61126 | 0.00 | 0.00 | 52.21 | | 104 | Mat | Bulk |
| 00-00-50 | 61748 | 0.00 | 0.00 | 51.62 | | 103 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|------|------|-------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV RICHMOND VA 23260 | | | | | | | | |
| 00-00-50 | 62208 | 0.00 | 0.00 | 51.90 | | 104 | Mat | Bulk |
| 00-00-50 | 62575 | 0.00 | 0.00 | 51.93 | | 104 | Mat | Bulk |
| 00-00-50 | 62578 | 0.00 | 0.00 | 51.67 | | 103 | Mat | Bulk |
| 00-00-50 | 62640 | 0.00 | 0.00 | 51.57 | | 103 | Mat | Bulk |
| 00-00-50 | 62648 | 0.00 | 0.00 | 51.83 | | 104 | Mat | Bulk |
| 00-00-50 | 62696 | 0.00 | 0.00 | 51.94 | | 104 | Mat | Bulk |
| 00-00-50 | 62697 | 0.00 | 0.00 | 51.87 | | 104 | Mat | Bulk |
| 00-00-50 | 62736 | 0.00 | 0.00 | 51.88 | | 104 | Mat | Bulk |
| 00-00-50 | 62823 | 0.00 | 0.00 | 51.90 | | 104 | Mat | Bulk |
| 00-00-50 | 62837 | 0.00 | 0.00 | 51.36 | | 103 | Mat | Bulk |
| 00-00-50 | 62869 | 0.00 | 0.00 | 51.70 | | 103 | Mat | Bulk |
| 00-00-50 | 62897 | 0.00 | 0.00 | 51.72 | | 103 | Mat | Bulk |
| 00-00-50 | 62949 | 0.00 | 0.00 | 51.40 | | 103 | Mat | Bulk |
| 00-00-50 | 62981 | 0.00 | 0.00 | 51.50 | | 103 | Mat | Bulk |
| 00-00-50 | 62987 | 0.00 | 0.00 | 51.88 | | 104 | Mat | Bulk |
| 00-00-50 | 63027 | 0.00 | 0.00 | 52.79 | | 106 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-50 | | | | | | | | |
| Number of Samples This Grade : 18 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 51.81 | | 103.6 | | |
| CV, % | | 0 | 0 | 0.62 | | | | |
| 00-00-60 | 60184 | 0.00 | 0.00 | 60.16 | | 100 | Mat | Bulk |
| 00-00-60 | 60272 | 0.00 | 0.00 | 59.90 | | 100 | Mat | Bulk |
| 00-00-60 | 60351 | 0.00 | 0.00 | 60.23 | | 100 | Mat | Bulk |
| 00-00-60 | 60395 | 0.00 | 0.00 | 60.48 | | 101 | Mat | Bulk |
| 00-00-60 | 60396 | 0.00 | 0.00 | 60.56 | | 101 | Mat | Bulk |
| 00-00-60 | 60501 | 0.00 | 0.00 | 61.31 | | 102 | Mat | Bulk |
| 00-00-60 | 60502 | 0.00 | 0.00 | 59.65 | | 99 | Mat | Bulk |
| 00-00-60 | 60553 | 0.00 | 0.00 | 61.39 | | 102 | Mat | Bulk |
| 00-00-60 | 60589 | 0.00 | 0.00 | 60.79 | | 101 | Mat | Bulk |
| 00-00-60 | 60598 | 0.00 | 0.00 | 59.88 | | 100 | Mat | Bulk |
| 00-00-60 | 60605 | 0.00 | 0.00 | 61.60 | | 103 | Mat | Bulk |
| 00-00-60 | 60620 | 0.00 | 0.00 | 60.42 | | 101 | Mat | Bulk |
| 00-00-60 | 60650 | 0.00 | 0.00 | 60.30 | | 100 | Mat | Bulk |
| 00-00-60 | 60666 | 0.00 | 0.00 | 59.32 | | 99 | Mat | Bulk |
| 00-00-60 | 60688 | 0.00 | 0.00 | 60.11 | | 100 | Mat | Bulk |
| 00-00-60 | 60689 | 0.00 | 0.00 | 60.71 | | 101 | Mat | Bulk |
| 00-00-60 | 60703 | 0.00 | 0.00 | 59.88 | | 100 | Mat | Bulk |
| 00-00-60 | 60711 | 0.00 | 0.00 | 60.04 | | 100 | Mat | Bulk |
| 00-00-60 | 60741 | 0.00 | 0.00 | 60.41 | | 101 | Mat | Bulk |
| 00-00-60 | 60750 | 0.00 | 0.00 | 60.25 | | 100 | Mat | Bulk |
| 00-00-60 | 60751 | 0.00 | 0.00 | 59.99 | | 100 | Mat | Bulk |
| 00-00-60 | 60756 | 0.00 | 0.00 | 59.89 | | 100 | Mat | Bulk |
| 00-00-60 | 60761 | 0.00 | 0.00 | 58.78 | | 98 | Mat | Bulk |
| 00-00-60 | 60764 | 0.00 | 0.00 | 60.28 | | 100 | Mat | Bulk |
| 00-00-60 | 60786 | 0.00 | 0.00 | 58.87 | | 98 | Mat | Bulk |
| 00-00-60 | 60789 | 0.00 | 0.00 | 59.93 | | 100 | Mat | Bulk |
| 00-00-60 | 60844 | 0.00 | 0.00 | 60.16 | | 100 | Mat | Bulk |
| 00-00-60 | 60857 | 0.00 | 0.00 | 59.33 | | 99 | Mat | Bulk |
| 00-00-60 | 60863 | 0.00 | 0.00 | 60.05 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|------|-------|-------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV RICHMOND VA 23260 | | | | | | | | |
| 00-00-60 | 60866 | 0.00 | 0.00 | 59.58 | | 99 | Mat | Bulk |
| 00-00-60 | 60895 | 0.00 | 0.00 | 59.30 | | 99 | Mat | Bulk |
| 00-00-60 | 60904 | 0.00 | 0.00 | 59.93 | | 100 | Mat | Bulk |
| 00-00-60 | 60906 | 0.00 | 0.00 | 61.65 | | 103 | Mat | Bulk |
| 00-00-60 | 60980 | 0.00 | 0.00 | 60.20 | | 100 | Mat | Bulk |
| 00-00-60 | 61072 | 0.00 | 0.00 | 60.27 | | 100 | Mat | Bulk |
| 00-00-60 | 61081 | 0.00 | 0.00 | 60.36 | | 101 | Mat | Bulk |
| 00-00-60 | 61123 | 0.00 | 0.00 | 60.11 | | 100 | Mat | Bulk |
| 00-00-60 | 61152 | 0.00 | 0.00 | 59.49 | | 99 | Mat | Bulk |
| 00-00-60 | 61176 | 0.00 | 0.00 | 60.26 | | 100 | Mat | Bulk |
| 00-00-60 | 61183 | 0.00 | 0.00 | 59.55 | | 99 | Mat | Bulk |
| 00-00-60 | 61185 | 0.00 | 0.00 | 59.96 | | 100 | Mat | Bulk |
| 00-00-60 | 61292 | 0.00 | 0.00 | 60.30 | | 100 | Mat | Bulk |
| 00-00-60 | 61343 | 0.00 | 0.00 | 61.91 | | 103 | Mat | Bulk |
| 00-00-60 | 61353 | 0.00 | 0.00 | 60.14 | | 100 | Mat | Bulk |
| 00-00-60 | 61376 | 0.00 | 0.00 | 59.76 | | 100 | Mat | Bulk |
| 00-00-60 | 61547 | 0.00 | 0.00 | 60.67 | | 101 | Mat | Bulk |
| 00-00-60 | 61574 | 0.00 | 0.00 | 60.76 | | 101 | Mat | Bulk |
| 00-00-60 | 61592 | 0.00 | 0.00 | 60.89 | | 101 | Mat | Bulk |
| 00-00-60 | 61691 | 0.00 | 0.00 | 60.37 | | 101 | Mat | Bulk |
| 00-00-60 | 61746 | 0.00 | 0.00 | 60.50 | | 101 | Mat | Bulk |
| 00-00-60 | 62129 | 0.00 | 0.00 | 59.88 | | 100 | Mat | Bulk |
| 00-00-60 | 62130 | 0.00 | 0.00 | 60.97 | | 102 | Mat | Bulk |
| 00-00-60 | 62396 | 0.00 | 0.00 | 60.01 | | 100 | Mat | Bulk |
| 00-00-60 | 62471 | 0.00 | 0.00 | 58.91 | | 98 | Mat | Bulk |
| 00-00-60 | 62472 | 0.00 | 0.00 | 59.32 | | 99 | Mat | Bulk |
| 00-00-60 | 62495 | 0.00 | 0.00 | 60.35 | | 101 | Mat | Bulk |
| 00-00-60 | 62574 | 0.00 | 0.00 | 59.31 | | 99 | Mat | Bulk |
| 00-00-60 | 62617 | 0.00 | 0.00 | 59.88 | | 100 | Mat | Bulk |
| 00-00-60 | 62694 | 0.00 | 0.00 | 59.80 | | 100 | Mat | Bulk |
| 00-00-60 | 62698 | 0.00 | 0.00 | 60.42 | | 101 | Mat | Bulk |
| 00-00-60 | 62699 | 0.00 | 0.00 | 59.96 | | 100 | Mat | Bulk |
| 00-00-60 | 62715 | 0.00 | 0.00 | 60.08 | | 100 | Mat | Bulk |
| 00-00-60 | 62836 | 0.00 | 0.00 | 59.69 | | 99 | Mat | Bulk |
| 00-00-60 | 62950 | 0.00 | 0.00 | 59.84 | | 100 | Mat | Bulk |
| 00-00-60 | 63041 | 0.00 | 0.00 | 60.39 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 65 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.15 | | 100.2 | | |
| CV, % | | 0 | 0 | 1.04 | | | | |
| 00-45-00 | 60348 | 0.00 | 46.17 | 0.00 | | 103 | Mat | Bulk |
| 00-45-00 | 60349 | 0.00 | 46.77 | 0.00 | | 104 | Mat | Bulk |
| 00-45-00 | 60549 | 0.00 | 46.18 | 0.00 | | 103 | Mat | Bulk |
| 00-45-00 | 60550 | 0.00 | 46.92 | 0.00 | | 104 | Mat | Bulk |
| 00-45-00 | 60551 | 0.00 | 46.48 | 0.00 | | 103 | Mat | Bulk |
| 00-45-00 | 60704 | 0.00 | 45.71 | 0.00 | | 102 | Mat | Bulk |
| 00-45-00 | 60747 | 0.00 | 46.48 | 0.00 | | 103 | Mat | Bulk |
| 00-45-00 | 60766 | 0.00 | 45.93 | 0.00 | | 102 | Mat | Bulk |
| 00-45-00 | 60790 | 0.00 | 45.45 | 0.00 | | 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 | | | | | | | | |
| 00-45-00 | 60893 | 0.00 | 45.85 | 0.00 | | 102 | Mat | Bulk |
| 00-45-00 | 61129 | 0.00 | 45.14 | 0.00 | | 100 | Mat | Bulk |
| 00-45-00 | 61153 | 0.00 | 44.94 | 0.00 | | 100 | Mat | Bulk |
| 00-45-00 | 61181 | 0.00 | 45.65 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 61297 | 0.00 | 45.76 | 0.00 | | 102 | Mat | Bulk |
| 00-45-00 | 61548 | 0.00 | 44.74 | 0.00 | | 99 | Mat | Bulk |
| 00-45-00 | 61588 | 0.00 | 45.02 | 0.00 | | 100 | Mat | Bulk |
| 00-45-00 | 62134 | 0.00 | 45.42 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 62135 | 0.00 | 45.59 | 0.00 | | 101 | Mat | Bulk |
| 00-45-00 | 62473 | 0.00 | 46.88 | 0.00 | | 104 | Mat | Bulk |
| 00-45-00 | 62613 | 0.00 | 44.24 | 0.00 | | 98 | Mat | Bulk |
| 00-45-00 | 62614 | 0.00 | 46.47 | 0.00 | | 103 | Mat | Bulk |
| 00-45-00 | 62693 | 0.00 | 45.71 | 0.00 | | 102 | Mat | Bulk |
| Statistical Analysis for Grade : 00-45-00 | | | | | | | | |
| Number of Samples This Grade : 22 | | | | | | | | |
| Average Analysis : | | 0.00 | 45.80 | 0.00 | | 101.8 | | |
| CV, % | | 0 | 1.56 | 0 | | | | |
| 00-46-00 | 60181 | 0.00 | 45.49 | 0.00 | | 99 | Mat | Bulk |
| 00-46-00 | 60271 | 0.00 | 45.84 | 0.00 | | 100 | Mat | Bulk |
| 00-46-00 | 60588 | 0.00 | 45.76 | 0.00 | | 99 | Mat | Bulk |
| 00-46-00 | 60599 | 0.00 | 44.55 | 0.00 | | 97 * | Mat | Bulk |
| 05-10-15 | 62620 | 5.70 | 10.65 | 16.61 | | 110 | Mat | Bulk |
| 05-10-15 | 62985+ | 5.57 | 10.05 | 13.84 * | | 99 | Blend | Bag |
| 10-10-10 | 60198 | 9.59 | 10.42 | 9.63 | | 98 | Mnfr | Bag |
| 10-10-10 | 61751 | 10.25 | 10.80 | 9.65 | | 103 | Blend | Bag |
| 10-10-10 | 62138 | 9.69 | 10.28 | 9.81 | | 99 | Blend | Bag |
| 10-10-10 | 62198 | 9.43 | 10.66 | 9.13 * | | 99 | Blend | Bag |
| 10-10-10 | 62833 | 9.95 | 10.28 | 9.20 * | | 99 | Blend | Bag |
| 10-10-10 | 62874 | 10.15 | 10.65 | 10.14 | | 103 | Blend | Bag |
| 10-10-10 | 63055 | 9.39 | 10.16 | 9.70 | | 98 | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 9.78 | 10.46 | 9.61 | | 100.0 | | |
| CV, % | | 3.51 | 2.31 | 3.63 | | | | |
| 11-52-00 | 60269 | 10.57 | 51.62 | 0.00 | | 99 | Mat | Bulk |
| 11-52-00 | 60391 | 11.17 | 51.81 | 0.00 | | 100 | Mat | Bulk |
| 11-52-00 | 60394 | 11.23 | 52.26 | 0.00 | | 101 | Mat | Bulk |
| 11-52-00 | 60503 | 11.29 | 53.26 | 0.00 | | 102 | Mat | Bulk |
| 11-52-00 | 60744 | 11.33 | 52.36 | 0.00 | | 101 | Mat | Bulk |
| 11-52-00 | 60746 | 11.33 | 52.85 | 0.00 | | 102 | Mat | Bulk |
| Statistical Analysis for Grade : 11-52-00 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 11.15 | 52.36 | 0.00 | | 100.8 | | |
| CV, % | | 2.62 | 1.18 | 0 | | | | |
| 18-46-00 | 60182 | 17.69 | 47.00 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60270 | 17.99 | 46.27 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60350 | 2.80 * | 45.66 | 0.00 | | 69 * | 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 | 60392 | 17.78 | 45.42 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60393 | 17.90 | 45.46 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60506 | 18.02 | 46.70 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60516 | 17.54 | 45.81 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60552 | 17.87 | 46.21 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60597 | 17.77 | 46.64 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60604 | 17.29 | 45.51 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 60619 | 17.82 | 46.51 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60649 | 17.73 | 46.11 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60668 | 17.70 | 46.16 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60687 | 17.95 | 46.54 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60690 | 17.64 | 45.70 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60702 | 18.05 | 46.34 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60710 | 18.05 | 46.22 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60742 | 17.64 | 46.21 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60743 | 17.68 | 46.11 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60748 | 17.58 | 46.29 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60752 | 17.97 | 46.26 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60753 | 17.97 | 46.46 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60765 | 17.33 | 46.23 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60768 | 17.25 | 46.17 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60788 | 18.04 | 46.67 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 60847 | 18.17 | 45.70 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60859 | 18.12 | 46.16 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60861 | 17.98 | 45.62 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60864 | 17.74 | 45.49 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60897 | 17.34 | 45.21 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 60905 | 17.54 | 45.42 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 60908 | 18.05 | 45.74 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60978 | 17.79 | 46.02 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61070 | 17.47 | 46.01 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61079 | 17.47 | 45.94 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61122 | 17.49 | 45.22 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 61154 | 17.57 | 45.34 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 61174 | 17.35 | 45.99 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61180 | 17.85 | 46.11 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61186 | 17.85 | 46.19 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61187 | 17.66 | 46.35 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61294 | 17.85 | 45.52 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61296 | 17.71 | 45.47 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61344 | 17.38 | 45.33 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 61352 | 17.46 | 45.24 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 61375 | 17.71 | 45.95 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61542 | 17.75 | 45.92 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61546 | 17.62 | 45.73 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61572 | 18.09 | 46.16 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 61573 | 18.19 | 46.26 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 61590 | 17.64 | 45.59 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61690 | 17.57 | 46.03 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61747 | 17.76 | 45.08 | 0.00 | | 98 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|-------|------|-------|------|-------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV RICHMOND VA 23260 | | | | | | | | |
| 18-46-00 | 62131 | 17.85 | 45.59 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62132 | 18.04 | 46.13 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62133 | 17.80 | 45.85 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62397 | 17.49 | 45.58 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62475 | 17.73 | 46.43 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62491 | 17.66 | 45.80 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62492 | 18.12 | 46.20 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 62493 | 18.18 | 46.10 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62576 | 17.92 | 46.05 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62615 | 18.14 | 46.74 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 62692 | 18.22 | 45.53 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62695 | 17.40 | 45.51 | 0.00 | | 98 | Mat | Bulk |
| 18-46-00 | 62700 | 18.08 | 45.86 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62701 | 18.18 | 45.69 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62706 | 17.54 | 46.10 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 62835 | 18.08 | 45.80 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 62868 | 17.73 | 45.66 | 0.00 | | 99 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 70 | | | | | | | | |
| Average Analysis : | | 17.56 | 45.94 | 0.00 | | 99.1 | | |
| CV, % | | 10.3 | 0.91 | 0 | | | | |
| 21-00-00 | 61124+ | 21.34 | 0.00 | 0.00 | | 102 | Mat | Bulk |
| 27-00-00 | 63036 | 26.97 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 28-00-00 | 63187 | 28.24 | 0.00 | 0.00 | | 101 | Mat | Liq |
| 30-00-00 | 60962 | 30.14 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 30-00-00 | 62967 | 30.04 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 32-00-00 | 62623 | 31.78 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 32-00-00 | 63154 | 31.59 | 0.00 | 0.00 | | 99 | Mat | Liq |
| 32-03-04 | 62024 | 31.10 | 4.42 | 5.93 | | 104 | Mnfr | Bag |
| 32-04-04 | 60830+ | 32.80 | 4.07 | 3.78 | | 102 | Blend | Bag |
| 34-00-00 | 60618 | 33.90 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 60667 | 34.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 60712 | 34.50 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 60749 | 33.94 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 60762 | 33.39 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 34-00-00 | 60787 | 33.82 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60845 | 33.87 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 60862 | 33.70 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60865 | 33.55 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60896 | 33.63 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60903 | 33.70 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60909 | 33.35 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 34-00-00 | 60977 | 34.25 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 61071 | 33.56 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 61125 | 34.38 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 61177 | 34.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 61291 | 33.48 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 34-00-00 | 61295 | 33.35 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 34-00-00 | 61346 | 33.86 | 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 | 61591 | 34.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 61745 | 33.97 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 62577 | 33.40 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 34-00-00 | 62870 | 34.50 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 34-00-00 | | | | | | | | |
| Number of Samples This Grade : 23 | | | | | | | | |
| Average Analysis : | | 33.85 | 0.00 | 0.00 | | 99.6 | | |
| CV, % | | 1.07 | 0 | 0 | | | | |
| 46-00-00 | 60183 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60592 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60600 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60606 | 45.90 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60621 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60648 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60665 | 45.88 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60686 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60691 | 46.11 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60701 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60709 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60745 | 45.97 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60754 | 45.78 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60755 | 45.88 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60763 | 46.11 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60767 | 45.89 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60785 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60808 | 46.11 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60846 | 46.00 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60858 | 46.02 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60860 | 45.91 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60894 | 45.78 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60907 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60979 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61069 | 45.93 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61080 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61127 | 46.04 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61151 | 46.08 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61175 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61182 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61188 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61290 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61293 | 45.76 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 61345 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61354 | 46.08 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61374 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61543 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61544 | 46.09 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61545 | 45.95 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61575 | 46.12 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61576 | 46.10 | 0.00 | 0.00 | | 100 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|-----------------------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SS (RICH) COOP INC FERT DIV | | RICHMOND VA 23260 | | | | | | |
| 46-00-00 | 61577 | 46.18 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61589 | 46.06 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61688 | 46.18 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61744 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62136 | 46.04 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62398 | 45.77 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62474 | 45.85 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62494 | 45.86 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62571 | 46.12 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62572 | 46.13 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62573 | 46.03 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62616 | 46.07 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62691 | 46.19 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62707 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 62841 | 46.15 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 63046 | 46.20 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 46-00-00 | | | | | | | | |
| Number of Samples This Grade : 57 | | | | | | | | |
| Average Analysis : | | 46.03 | 0.00 | 0.00 | | 100.1 | | |
| CV, % | | 0.26 | 0 | 0 | | | | |
| ----- | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.09 | 101.04 | 101.00 | | | | |
| ALL SAMPLES,CV % | | 6.76 | 4.72 | 5.42 | | | | |
| NUMBER OF ANALYSIS | | 174 | 113 | 99 | | | | |
| Deficiency Rate = 1.72 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (RICH) RICHMOND SVC | | RICHMOND KY 40475 | | | | | | |
| 00-22-30 | 61907 | 0.00 | 23.12 | 30.31 | | 102 | CM | Bulk |
| 00-22-30 | 61909 | 0.00 | 23.08 | 29.89 | | 101 | CM | Bulk |
| 00-30-15 | 61910 | 0.00 | 32.58 | 15.65 | | 105 | CM | Bulk |
| 14-22-22 | 61906 | 13.90 | 21.91 | 24.37 | | 99 | CM | Bulk |
| 19-19-19 | 61905 | 19.42 | 19.73 | 18.83 | | 100 | CM | Bulk |
| 19-19-19 | 61908 | 19.50 | 19.28 | 19.06 | | 100 | CM | Bulk |
| 21-24-00 | 61912 | 20.89 | 24.70 | 0.00 | | 100 | CM | Bulk |
| 28-12-12 | 61911 | 28.05 | 13.00 | 13.90 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| SS (RUSS) COOP, INC. | | RUSSELLVILLE KY 42276 | | | | | | |
| 05-10-15 | 60914 | 4.97 | 9.56 | 15.56 | | 100 | Blend | Bag |
| 05-10-15 | 62025 | 5.41 | 10.21 | 16.49 | | 106 | Blend | Bag |
| 06-24-24 | 60177 | 6.22 | 25.20 | 23.59 | | 102 | Blend | Bag |
| 06-24-24 | 60196 | 6.57 | 24.41 | 24.36 | | 103 | Blend | Bag |
| 06-24-24 | 60199 | 6.44 | 23.93 | 24.53 | | 102 | Blend | Bag |
| 06-24-24 | 60757 | 8.60 | 24.27 | 23.51 | | 106 | Blend | Bag |
| 06-24-24 | 60913 | 6.07 | 24.39 | 23.93 | | 101 | Blend | Bag |
| 06-24-24 | 60959 | 6.17 | 25.32 | 23.09 | | 102 | Blend | Bag |
| 06-24-24 | 61311 | 5.96 | 24.19 | 25.13 | | 102 | Blend | Bag |
| 06-24-24 | 61421 | 5.93 | 25.89 | 25.83 | | 107 | Blend | Bag |
| 06-24-24 | 61536 | 5.98 | 24.64 | 23.75 | | 101 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|---------|--------|-------|-------|-------|-------|------|
| SS (RUSS) COOP, INC. RUSSELLVILLE KY 42276 | | | | | | | | |
| 06-24-24 | 62027 | 5.75 | 24.65 | 24.93 | | 102 | Blend | Bag |
| 06-24-24 | 62467 | 5.83 | 24.89 | 23.38 | | 101 | Blend | Bag |
| 06-24-24 | 62892 | 5.55 | 23.44 | 24.67 | | 98 | Blend | Bag |
| 06-24-24 | 62982 | 5.87 | 24.06 | 24.35 | | 100 | Blend | Bag |
| Statistical Analysis for Grade : 06-24-24 | | | | | | | | |
| Number of Samples This Grade : 13 | | | | | | | | |
| Average Analysis : | | 6.23 | 24.56 | 24.23 | | 102.1 | | |
| CV, % | | 12.28 | 2.64 | 3.25 | | | | |
| 10-10-10 | 60178 | 9.91 | 10.18 | 10.15 | | 101 | Blend | Bag |
| 10-10-10 | 60217 | 10.13 | 10.04 | 11.20 | | 104 | Blend | Bag |
| 10-10-10 | 60500 | 9.67 | 10.15 | 9.75 | | 98 | Blend | Bag |
| 10-10-10 | 60911 | 9.36 | 9.87 | 10.43 | | 98 | Blend | Bag |
| 10-10-10 | 60958 | 9.77 | 9.07 * | 9.36 | | 94 * | Blend | Bag |
| 10-10-10 | 61309 | 10.76 | 10.08 | 10.60 | | 105 | Blend | Bag |
| 10-10-10 | 61422 | 10.89 | 10.73 | 10.83 | | 108 | Blend | Bag |
| 10-10-10 | 61535 | 10.89 | 10.57 | 11.06 | | 108 | Blend | Bag |
| 10-10-10 | 61937 | 9.12 | 10.15 | 10.42 | | 98 | Blend | Bag |
| 10-10-10 | 62023 | 9.68 | 10.29 | 10.64 | | 101 | Blend | Bag |
| 10-10-10 | 62185 | 9.14 | 10.55 | 9.40 | | 97 | Blend | Bag |
| 10-10-10 | 62466 | 9.53 | 10.18 | 9.86 | | 99 | Blend | Bag |
| 10-10-10 | 62891 | 9.12 | 9.01 * | 9.25 | | 91 * | Blend | Bag |
| 10-10-10 | 62984 | 9.54 | 10.06 | 10.26 | | 99 | Blend | Bag |
| 10-10-10 | 63093 | 9.98 | 9.76 | 10.06 | | 99 | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 15 | | | | | | | | |
| Average Analysis : | | 9.83 | 10.05 | 10.22 | | 100.0 | | |
| CV, % | | 6.17 | 4.8 | 5.95 | | | | |
| 10-20-20 | 61310 | 9.62 | 19.94 | 19.50 | | 98 | Blend | Bag |
| 15-15-15 | 60179 | 14.91 | 15.91 | 16.07 | | 103 | Blend | Bag |
| 15-15-15 | 60197 | 15.03 | 14.45 | 14.07 | | 97 | Blend | Bag |
| 15-15-15 | 60622 | 13.31 * | 15.83 | 16.68 | | 100 | Blend | Bag |
| 15-15-15 | 60912 | 12.72 * | 15.21 | 16.64 | | 98 | Blend | Bag |
| 15-15-15 | 61308 | 13.78 | 15.20 | 15.80 | | 98 | Blend | Bag |
| 15-15-15 | 62468 | 13.94 | 16.19 | 15.38 | | 101 | Blend | Bag |
| 15-15-15 | 62893 | 14.59 | 15.48 | 14.78 | | 100 | Blend | Bag |
| Statistical Analysis for Grade : 15-15-15 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 14.04 | 15.47 | 15.63 | | 99.7 | | |
| CV, % | | 6.1 | 3.75 | 6.16 | | | | |
| 19-19-19 | 60623 | 18.96 | 19.83 | 19.03 | | 102 | Blend | Bag |
| 19-19-19 | 60758 | 18.70 | 19.92 | 19.19 | | 101 | Blend | Bag |
| 19-19-19 | 60910 | 18.89 | 18.22 | 19.88 | | 99 | Blend | Bag |
| 19-19-19 | 61423 | 19.14 | 19.60 | 19.41 | | 102 | Blend | Bag |
| 19-19-19 | 62026 | 18.74 | 19.92 | 19.11 | | 101 | Blend | Bag |
| 19-19-19 | 62184 | 18.91 | 18.77 | 20.45 | | 101 | Blend | Bag |
| 19-19-19 | 62983 | 19.40 | 19.61 | 18.60 | | 102 | Blend | Bag |
| 19-19-19 | 63094 | 20.01 | 18.85 | 18.81 | | 102 | 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 : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 8 | | | | | | | | |
| Average Analysis : | | 19.09 | 19.34 | 19.31 | | 101.2 | | |
| CV, % | | 2.26 | 3.31 | 3.11 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.71 | 101.54 | 102.15 | | | | |
| ALL SAMPLES,CV % | | 8.58 | 3.79 | 4.84 | | | | |
| NUMBER OF ANALYSIS | | 46 | 46 | 46 | | | | |
| Deficiency Rate = 8.70 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (RUSS) RUSSELLVILLE COOP RUSSELLVILLE KY 42276 | | | | | | | | |
| 06-15-20 | 60278 | 6.61 | 15.32 | 19.63 | | 99 | CM | Bulk |
| 06-15-40 | 61120 | 5.86 | 15.46 | 41.19 | | 101 | CM | Bulk |
| 09-23-30 | 60279 | 8.83 | 22.63 | 31.15 | | 101 | CM | Bulk |
| 11-16-28 | 62390+ | 11.55 | 16.84 | 27.66 | | 101 | CM | Bulk |
| 13-18-23 | 62388+ | 13.06 | 18.24 | 24.08 | | 100 | CM | Bulk |
| 13-18-23 | 62389+ | 13.26 | 18.60 | 23.27 | | 100 | CM | Bulk |
| 15-15-15 | 60277 | 15.88 | 16.08 | 16.22 | | 102 | CM | Bulk |
| 16-15-19 | 62391+ | 16.08 | 15.62 | 19.79 | | 101 | CM | Bulk |
| 19-19-19 | 61121 | 18.95 | 19.61 | 20.46 | | 101 | CM | Bulk |
| 19-19-19 | 62392 | 19.59 | 19.21 | 18.88 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.93 | 101.27 | 100.76 | | | | |
| ALL SAMPLES,CV % | | 3.09 | 2.22 | 3.07 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (SHEL) SHELBYVILLE COOP SHELBYVILLE KY 40065 | | | | | | | | |
| 07-14-21 | 63160 | 7.30 | 14.04 | 23.87 | | 103 | CM | Bulk |
| 08-10-16 | 63159 | 8.63 | 10.33 | 17.94 | | 101 | CM | Bulk |
| 08-22-30 | 61184 | 9.12 | 23.01 | 29.75 | | 100 | CM | Bulk |
| 09-19-26 | 63162 | 10.15 | 19.56 | 26.93 | | 102 | CM | Bulk |
| 14-07-13 | 63158+ | 14.14 | 12.11 | 13.22 | | 113 | CM | Bulk |
| 15-00-33 | 63161 | 14.56 | 0.00 | 35.48 | | 102 | CM | Bulk |
| 15-06-12 | 63164 | 16.17 | 6.87 | 13.80 | | 106 | CM | Bulk |
| 16-11-16 | 63157 | 15.84 | 11.28 | 17.78 | | 101 | CM | Bulk |
| 20-03-24 | 63165+ | 19.66 | 3.51 | 26.32 | | 101 | CM | Bulk |
| 23-00-22 | 63163+ | 23.54 | 0.00 | 24.44 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.65 | 108.90 | 105.45 | | | | |
| ALL SAMPLES,CV % | | 3.04 | 21.57 | 3.73 | | | | |
| NUMBER OF ANALYSIS | | 10 | 8 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (SOME) SOMERSET COOP SOMERSET KY 42501 | | | | | | | | |
| 11-21-23 | 61254+ | 11.81 | 22.34 | 23.14 | | 101 | CM | Bulk |
| 16-15-26 | 61255 | 16.25 | 15.83 | 25.99 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|----------------------|---------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| SS (SOME) SOMERSET COOP | | SOMERSET KY 42501 | | | | | | |
| 17-17-17 | 61247 | 18.10 | 17.79 | 18.38 | | 102 | CM | Bulk |
| 17-17-17 | 61251 | 18.29 | 17.33 | 17.63 | | 100 | CM | Bulk |
| 19-19-19 | 61246 | 19.21 | 20.20 | 18.78 | | 102 | CM | Bulk |
| 19-19-19 | 61250 | 19.25 | 19.51 | 20.30 | | 101 | CM | Bulk |
| 19-19-19 | 61256 | 19.74 | 19.38 | 19.89 | | 101 | CM | Bulk |
| 21-13-13 | 61248 | 22.24 | 12.94 | 13.34 | | 100 | CM | Bulk |
| 22-16-00 | 61253 | 23.52 | 16.76 | 0.00 | | 104 | CM | Bulk |
| 30-11-11 | 61252 | 30.77 | 11.65 | 12.14 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.55 | 101.38 | 101.54 | | | | |
| ALL SAMPLES,CV % | | 1.44 | 2.49 | 3.07 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 9 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (SPRI) LEBANON-SPRINGFIELD BR | | SPRINGFIELD KY 40069 | | | | | | |
| 11-11-16 | 63022 | 11.28 | 11.18 | 17.31 | | 102 | CM | Bulk |
| 11-11-16 | 63023 | 10.95 | 11.46 | 17.41 | | 102 | CM | Bulk |
| 12-09-14 | 63020 | 12.91 | 10.22 | 15.44 | | 105 | CM | Bulk |
| 14-05-07 | 63017 | 14.38 | 5.61 | 8.54 | | 102 | CM | Bulk |
| 16-12-18 | 63019 | 16.70 | 13.80 | 19.23 | | 103 | CM | Bulk |
| 19-19-19 | 63016 | 19.86 | 18.16 | 20.18 | | 100 | CM | Bulk |
| 25-09-09 | 63018 | 25.50 | 10.19 | 9.75 | | 103 | CM | Bulk |
| ----- | | | | | | | | |
| SS (STAN) STANFORD SVC | | STANFORD KY 40484 | | | | | | |
| 09-24-27 | 61868 | 8.54 * | 21.36 * | 27.82 | | 91 * | CM | Bulk |
| 18-00-35 | 61874 | 19.88 | 0.00 | 35.87 | | 103 | CM | Bulk |
| 19-19-18 | 61875 | 19.39 | 19.07 | 19.24 | | 102 | CM | Bulk |
| 19-19-19 | 61603 | 20.87 | 18.99 | 18.62 | | 101 | CM | Bulk |
| 19-19-19 | 61869 | 20.22 | 19.54 | 18.95 | | 101 | CM | Bulk |
| 19-19-19 | 61870 | 19.16 | 20.04 | 18.16 | | 99 | CM | Bulk |
| 19-19-19 | 61871 | 19.66 | 19.40 | 18.52 | | 100 | CM | Bulk |
| 19-19-19 | 61872 | 19.86 | 20.06 | 18.87 | | 102 | CM | Bulk |
| 19-19-19 | 61873 | 19.46 | 19.20 | 18.94 | | 99 | CM | Bulk |
| 19-19-19 | 61876 | 20.05 | 19.43 | 18.91 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 19.90 | 19.52 | 18.71 | | 100.4 | | |
| CV, % | | 2.8 | 2.06 | 1.58 | | | | |
| 32-09-09 | 61867 | 33.78 | 9.40 | 9.75 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.20 | 98.35 | 99.67 | | | | |
| ALL SAMPLES,CV % | | 4.77 | 4.49 | 2.58 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (WARS) GALLATIN SVC | | WARSAW KY 41095 | | | | | | |
| 05-08-46 | 62955 | 5.12 | 8.49 | 47.56 | | 101 | CM | Bulk |
| 05-13-34 | 62956 | 5.53 | 14.11 | 34.42 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SS (WARS) GALLATIN SVC WARSAW KY 41095 | | | | | | | | |
| 06-15-40 | 62958 | 5.95 | 15.60 | 40.63 | | 101 | CM | Bulk |
| 14-07-10 | 62957 | 14.91 | 7.90 | 11.05 | | 103 | CM | Bulk |
| 14-07-10 | 62962 | 14.46 | 7.38 | 11.46 | | 101 | CM | Bulk |
| 15-19-25 | 62960 | 15.13 | 20.40 | 25.35 | | 103 | CM | Bulk |
| 15-19-25 | 62961 | 15.27 | 20.49 | 24.44 | | 102 | CM | Bulk |
| 17-15-21 | 62994 | 16.89 | 14.82 | 22.43 | | 99 | CM | Bulk |
| 19-00-28 | 62996 | 19.48 | 0.00 | 29.96 | | 103 | CM | Bulk |
| 25-00-26 | 61578 | 25.93 | 0.00 | 27.59 | | 102 | CM | Bulk |
| 28-07-14 | 62995 | 28.67 | 7.13 | 15.39 | | 103 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.47 | 102.62 | 102.61 | | | | |
| ALL SAMPLES,CV % | | 2.11 | 4.27 | 2.98 | | | | |
| NUMBER OF ANALYSIS | | 11 | 9 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SS (WINC) CLARK COOP WINCHESTER KY 40391 | | | | | | | | |
| 05-13-39 | 62529+ | 5.15 | 13.25 | 40.26 | | 100 | CM | Bulk |
| 19-19-19 | 62530 | 19.49 | 18.99 | 19.77 | | 100 | CM | Bulk |
| 27-13-13 | 62528 | 26.63 | 14.11 | 14.64 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| SS (WINC) COOP, INC. WINCHESTER KY 40391 | | | | | | | | |
| 00-10-30 | 62014+ | 0.00 | 9.90 | 29.19 | | 98 | Blend | Bag |
| 00-25-25 | 61379 | 0.00 | 26.14 | 24.93 | | 103 | Blend | Bag |
| 00-25-25 | 62656 | 0.00 | 27.11 | 24.19 | | 104 | Blend | Bag |
| 05-10-10 | 62927 | 4.49 * | 9.36 | 8.36 * | | 90 * | Blend | Bag |
| 05-10-15 | 61349 | 5.64 | 10.62 | 14.07 | | 102 | Blend | Bag |
| 05-10-15 | 61377 | 5.14 | 10.43 | 15.65 | | 104 | Blend | Bag |
| 05-10-15 | 62741 | 5.18 | 10.03 | 14.60 | | 100 | Blend | Bag |
| 05-10-15 | 62777 | 5.13 | 10.82 | 17.49 | | 111 | Blend | Bag |
| 05-10-15 | 62844 | 4.64 | 9.69 | 15.36 | | 99 | Blend | Bag |
| 05-10-15 | 62947 | 4.97 | 9.74 | 15.36 | | 100 | Blend | Bag |
| 05-10-15 | 63054 | 5.92 | 10.95 | 16.05 | | 110 | Blend | Bag |
| Statistical Analysis for Grade : 05-10-15 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 5.23 | 10.33 | 15.51 | | 103.6 | | |
| CV, % | | 8.11 | 4.95 | 7.05 | | | | |
| 05-20-20 | 61380 | 4.80 | 20.58 | 21.26 | | 103 | Blend | Bag |
| 05-20-20 | 62643 | 5.31 | 20.72 | 20.67 | | 104 | Blend | Bag |
| 05-20-20 | 62659 | 5.24 | 20.70 | 20.13 | | 103 | Blend | Bag |
| 05-20-20 | 62731 | 5.00 | 21.65 | 19.29 | | 104 | Blend | Bag |
| 05-20-20 | 62929 | 4.64 | 18.97 | 21.34 | | 98 | Blend | Bag |
| Statistical Analysis for Grade : 05-20-20 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 5.00 | 20.52 | 20.54 | | 102.3 | | |
| CV, % | | 5.69 | 4.72 | 4.15 | | | | |
| 06-12-12 | 62093 | 5.11 * | 12.16 | 12.37 | | 98 | Blend | Bag |
| 06-12-12 | 62926 | 5.84 | 12.32 | 10.38 * | | 97 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|---------|-------|---------|-------|-------|-------|------|
| SS (WINC) COOP, INC. WINCHESTER KY 40391 | | | | | | | | |
| 06-24-24 | 61303 | 4.75 * | 26.97 | 21.07 * | | 100 | Blend | Bag |
| 06-24-24 | 62793 | 5.93 | 23.93 | 24.31 | | 100 | Blend | Bag |
| 06-24-24 | 63227 | 5.86 | 24.40 | 23.41 | | 100 | Blend | Bag |
| 07-18-30 | 63083 | 7.08 | 17.52 | 31.43 | | 100 | CM | Bulk |
| 08-10-15 | 62742 | 7.66 | 10.14 | 15.84 | | 102 | Blend | Bag |
| 09-18-27 | 62660 | 9.72 | 17.64 | 27.28 | * | 101 | Blend | Bag |
| 09-18-27 | 62838 | 9.21 | 18.79 | 27.17 | | 102 | Blend | Bag |
| 10-10-10 | 61150 | 9.78 | 10.73 | 10.05 | | 102 | Blend | Bag |
| 10-10-10 | 61304 | 10.00 | 10.09 | 10.38 | | 101 | Blend | Bag |
| 10-10-10 | 61351 | 9.88 | 11.12 | 10.13 | | 104 | Blend | Bag |
| 10-10-10 | 61378 | 8.96 * | 10.40 | 8.85 * | | 95 * | Blend | Bag |
| 10-10-10 | 61580 | 10.29 | 9.86 | 11.72 | | 104 | Blend | Bag |
| 10-10-10 | 61596 | 9.26 | 10.48 | 10.18 | | 99 | Blend | Bag |
| 10-10-10 | 61600 | 8.85 * | 10.29 | 9.28 | | 95 * | Blend | Bag |
| 10-10-10 | 61749 | 9.82 | 10.16 | 10.27 | | 100 | Blend | Bag |
| 10-10-10 | 62010 | 10.41 | 12.49 | 10.31 | | 112 | Blend | Bag |
| 10-10-10 | 62013 | 9.12 | 10.11 | 10.31 | | 98 | Blend | Bag |
| 10-10-10 | 62641 | 8.76 * | 9.16 | 8.82 * | | 89 * | Blend | Bag |
| 10-10-10 | 62664 | 9.11 | 10.25 | 10.29 | | 98 | Blend | Bag |
| 10-10-10 | 62729 | 9.35 | 10.51 | 9.24 | | 98 | Blend | Bag |
| 10-10-10 | 62740 | 9.73 | 9.88 | 9.92 | | 98 | Blend | Bag |
| 10-10-10 | 62780 | 9.52 | 10.54 | 9.36 | | 99 | Blend | Bag |
| 10-10-10 | 62789 | 10.28 | 11.35 | 9.67 | | 106 | Blend | Bag |
| 10-10-10 | 62794 | 9.14 | 10.05 | 10.47 | | 98 | Blend | Bag |
| 10-10-10 | 62827 | 9.14 | 10.03 | 10.30 | | 97 | Blend | Bag |
| 10-10-10 | 62840 | 10.50 | 10.59 | 10.42 | | 105 | Blend | Bag |
| 10-10-10 | 62845 | 10.58 | 10.81 | 11.10 | | 108 | Blend | Bag |
| 10-10-10 | 62872 | 10.27 | 11.40 | 9.68 | | 106 | Blend | Bag |
| 10-10-10 | 62873 | 9.97 | 10.10 | 9.50 | | 99 | Blend | Bag |
| 10-10-10 | 62946 | 9.93 | 10.23 | 8.52 * | | 98 | Blend | Bag |
| 10-10-10 | 63015 | 9.15 | 9.55 | 9.44 | | 94 * | Blend | Bag |
| 10-10-10 | 63021 | 10.55 | 10.80 | 11.12 | | 108 | Blend | Bag |
| 10-10-10 | 63053 | 10.24 | 10.52 | 9.90 | | 103 | Blend | Bag |
| 10-10-10 | 63226 | 8.81 * | 9.36 | 9.37 | | 91 * | Blend | Bag |
| 10-10-10 | 63335 | 9.43 | 10.47 | 11.21 | | 102 | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 28 | | | | | | | | |
| Average Analysis : | | 9.67 | 10.40 | 9.99 | | 100.3 | | |
| CV, % | | 6.03 | 6.38 | 7.59 | | | | |
| 10-20-20 | 62658 | 10.15 | 20.59 | 20.61 | | 103 | Blend | Bag |
| 12-12-12 | 61382 | 10.74 * | 12.63 | 11.71 | | 97 | Blend | Bag |
| 12-12-12 | 61550 | 12.14 | 12.50 | 12.45 | | 103 | Blend | Bag |
| 12-12-12 | 62779 | 12.80 | 12.45 | 13.40 | | 107 | Blend | Bag |
| 12-12-12 | 62928 | 11.18 | 14.35 | 11.34 | | 104 | Blend | Bag |
| 12-12-12 | 63056 | 12.19 | 12.82 | 11.55 | | 103 | 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 : 12-12-12 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 11.81 | 12.95 | 12.09 | | 102.6 | | |
| CV, % | | 7.07 | 6.14 | 6.98 | | | | |
| 13-34-11 | 62826+ | 13.53 | 36.15 | 9.77 * | | 104 | CM | Bag |
| 15-15-15 | 61249 | 14.95 | 15.54 | 14.95 | | 101 | Blend | Bag |
| 15-15-15 | 61551 | 15.60 | 16.12 | 14.75 | | 104 | Blend | Bag |
| 15-15-15 | 62727 | 15.19 | 15.55 | 17.20 | | 105 | Blend | Bag |
| 15-15-15 | 62930 | 14.44 | 15.17 | 15.58 | | 100 | Blend | Bag |
| 15-15-15 | 63057 | 14.15 | 15.55 | 15.41 | | 100 | Blend | Bag |
| 15-15-15 | 63075 | 16.66 | 19.57 | 13.66 * | | 115 | Blend | Bag |
| Statistical Analysis for Grade : 15-15-15 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 15.17 | 16.25 | 15.26 | | 104.1 | | |
| CV, % | | 5.91 | 10.18 | 7.64 | | | | |
| 15-40-05 | 62639 | 14.56 | 38.92 | 4.89 | | 97 | CM | Bag |
| 19-19-19 | 60018 | 18.71 | 18.65 | 20.01 | | 100 | Blend | Bag |
| 19-19-19 | 60569 | 19.06 | 19.79 | 19.53 | | 102 | Blend | Bag |
| 19-19-19 | 61302 | 20.28 | 20.17 | 18.21 | | 104 | Blend | Bag |
| 19-19-19 | 61381 | 19.36 | 19.56 | 19.37 | | 102 | Blend | Bag |
| 19-19-19 | 61552 | 19.36 | 19.48 | 19.59 | | 102 | Blend | Bag |
| 19-19-19 | 61579 | 19.39 | 18.62 | 20.49 | | 102 | Blend | Bag |
| 19-19-19 | 61601 | 20.29 | 19.95 | 18.28 | | 104 | Blend | Bag |
| 19-19-19 | 61750 | 19.65 | 19.17 | 19.36 | | 102 | Blend | Bag |
| 19-19-19 | 62011 | 18.93 | 18.99 | 20.45 | | 101 | Blend | Bag |
| 19-19-19 | 62012 | 19.24 | 19.14 | 20.32 | | 102 | Blend | Bag |
| 19-19-19 | 62197 | 18.48 | 20.43 | 18.65 | | 101 | Blend | Bag |
| 19-19-19 | 62642 | 18.35 | 22.50 | 18.04 | | 105 | Blend | Bag |
| 19-19-19 | 62657 | 18.57 | 20.44 | 19.19 | | 102 | Blend | Bag |
| 19-19-19 | 62730 | 19.48 | 20.11 | 18.49 | | 103 | Blend | Bag |
| 19-19-19 | 62778 | 19.46 | 20.02 | 19.08 | | 103 | Blend | Bag |
| 19-19-19 | 62788 | 19.51 | 18.67 | 19.51 | | 101 | Blend | Bag |
| 19-19-19 | 62825 | 19.14 | 19.97 | 19.19 | | 103 | Blend | Bag |
| 19-19-19 | 62839 | 18.57 | 19.52 | 20.77 | | 102 | Blend | Bag |
| 19-19-19 | 62871 | 19.37 | 20.08 | 18.05 | | 102 | Blend | Bag |
| 19-19-19 | 62896 | 20.43 | 19.74 | 18.63 | | 104 | Blend | Bag |
| 19-19-19 | 62911 | 19.33 | 20.06 | 19.39 | | 103 | Blend | Bag |
| 19-19-19 | 62948 | 19.78 | 19.59 | 19.21 | | 103 | Blend | Bag |
| 19-19-19 | 62959 | 18.86 | 20.15 | 18.30 | | 101 | Blend | Bag |
| 19-19-19 | 63076 | 20.78 | 19.39 | 18.02 | | 104 | Blend | Bag |
| 19-19-19 | 63336 | 18.33 | 19.86 | 19.96 | | 101 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 25 | | | | | | | | |
| Average Analysis : | | 19.31 | 19.76 | 19.20 | | 102.5 | | |
| CV, % | | 3.38 | 3.94 | 4.31 | | | | |
| 20-10-10 | 62824 | 19.26 | 10.03 | 9.68 | | 97 | Blend | Bag |
| 29-00-21 | 63084 | 31.23 | 0.00 | 21.24 | | 104 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|---------------------|-------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| SS (WINC) COOP, INC. | WINCHESTER KY 40391 | | | | | | | |
| 31-08-11 | 63095 | 32.42 | 8.85 | 12.24 | | 102 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.32 | 103.93 | 100.38 | | | | |
| ALL SAMPLES,CV % | | 6.3 | 5.71 | 6.46 | | | | |
| NUMBER OF ANALYSIS | | 92 | 94 | 95 | | | | |
| Deficiency Rate = 13.68 % | | | | | | | | |
| ----- | | | | | | | | |
| STANLEY AG SERVICE LLC | STANLEY KY 42375 | | | | | | | |
| 00-00-60 | 60218 | 0.00 | 0.00 | 60.59 | | 101 | Mat | Bulk |
| 00-14-40 | 62314 | 0.00 | 16.07 | 40.12 | | 103 | CM | Bulk |
| 00-22-30 | 62320 | 0.00 | 23.29 | 29.79 | | 102 | CM | Bulk |
| 10-00-00 | 62315+ | 10.83 | 0.00 | 0.00 | | 99 | CM | Bulk |
| 14-19-25 | 62316 | 14.27 | 20.50 | 25.41 | | 101 | CM | Bulk |
| 14-19-25 | 62318 | 13.86 | 19.57 | 26.64 | | 100 | CM | Bulk |
| 14-19-25 | 62319 | 14.15 | 19.31 | 26.16 | | 99 | CM | Bulk |
| 19-16-21 | 62313 | 18.56 | 16.35 | 23.60 | | 100 | CM | Bulk |
| 20-12-20 | 62317 | 19.36 | 11.72 | 21.68 | | 100 | CM | Bulk |
| 21-09-24 | 62312 | 20.07 | 11.06 | 25.81 | | 102 | CM | Bulk |
| 23-14-18 | 62321 | 22.79 | 14.00 | 19.30 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 96.93 | 102.91 | 103.44 | | | | |
| ALL SAMPLES,CV % | | 2.47 | 6.34 | 4.02 | | | | |
| NUMBER OF ANALYSIS | | 8 | 9 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| SUN BULB COMPANY, INC. | ARCADIA FL 34265 | | | | | | | |
| 11-35-15 | 60027+ | 12.18 | 36.22 | 15.76 | | 106 | Blend | Bag |
| 20-14-13 | 60028+ | 19.94 | 15.18 | 13.73 | | 103 | Blend | Bag |
| 20-14-13 | 61900+ | 21.32 | 13.54 | 12.30 | | 101 | Blend | Bag |
| 20-14-13 | 62678+ | 19.72 | 13.56 | 15.45 | | 101 | Blend | Bag |
| ----- | | | | | | | | |
| SWISS FARMS PRODUCTS, INC. | LAS VEGAS NV 89109 | | | | | | | |
| 15-30-15 | 61427+ | 16.47 | 31.55 | 15.96 | | 107 | Blend | Bag |
| 15-30-15 | 61433+ | 16.53 | 31.12 | 16.06 | | 106 | Blend | Bag |
| 15-30-15 | 61437+ | 16.66 | 31.45 | 15.48 | | 106 | Blend | Bag |
| 15-30-15 | 61553+ | 15.73 | 30.49 | 15.01 | | 102 | Blend | Bag |
| 15-30-15 | 61562+ | 15.93 | 30.79 | 15.33 | | 104 | Blend | Bag |
| 15-30-15 | 61565+ | 16.19 | 30.08 | 15.40 | | 103 | Blend | Bag |
| 15-30-15 | 63099+ | 16.57 | 31.50 | 14.69 | | 106 | Blend | Bag |
| Statistical Analysis for Grade : 15-30-15 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 16.30 | 31.00 | 15.42 | | 104.8 | | |
| CV, % | | 2.18 | 1.82 | 3.15 | | | | |
| 18-24-16 | 63098+ | 19.66 | 24.66 | 16.95 | | 106 | Mnfr | Bag |
| ----- | | | | | | | | |
| T AND N, INC | FORISTELL MO 63348 | | | | | | | |
| 10-06-04 | 60579 | 9.47 | 6.07 | 4.16 | | 98 | Mnfr | Bag |
| 10-06-04 | 60759 | 15.50 | 8.12 | 4.89 | | 145 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|---------|-------|------|-------|------|
| ----- | | | | | | | | |
| T AND N, INC FORISTELL MO 63348 | | | | | | | | |
| 10-06-04 | 61324 | 7.61 * | 5.20 * | 3.75 | | 82 * | Blend | Bag |
| 12-22-10 | 60118+ | 11.76 | 22.70 | 9.91 | | 101 | Blend | Bag |
| 22-03-03 | 60011 | 25.45 | 4.23 | 3.16 | | 117 | Blend | Bag |
| 22-03-03 | 61323 | 22.19 | 3.13 | 2.98 | | 101 | Blend | Bag |
| 32-03-10 | 60010 | 31.33 | 2.85 | 10.22 | | 98 | Blend | Bag |
| ----- | | | | | | | | |
| TAYLOR, G.M. SEED CO. GEORGETOWN KY 40324 | | | | | | | | |
| 00-00-50 | 63069 | 0.00 | 0.00 | 49.94 | | 100 | Mat | Bulk |
| 00-00-60 | 63068 | 0.00 | 0.00 | 60.80 | | 101 | Mat | Bulk |
| 10-00-16 | 63312 | 11.11 | 0.00 | 15.47 | | 99 | CM | Bulk |
| 16-00-26 | 63340 | 17.47 | 0.00 | 25.94 | | 101 | CM | Bulk |
| 28-00-09 | 63320 | 29.26 | 0.00 | 9.41 | | 103 | CM | Bulk |
| 34-00-00 | 63067 | 33.50 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| ----- | | | | | | | | |
| TERRACYCLE INC TRENTON NJ 08638-5201 | | | | | | | | |
| 00-00-00 | 60831+ | 0.04 | 0.00 | 0.03 | | | Mat | Liq |
| ----- | | | | | | | | |
| THE ANDERSONS LAWN FERT DIV MAUMEE OH 43537 | | | | | | | | |
| 17-03-17 | 60970+ | 18.32 | 3.67 | 17.83 | | 108 | Mnfr | Bag |
| 19-02-15 | 60971+ | 19.58 | 1.89 | 16.49 | | 104 | Mnfr | Bag |
| 21-00-20 | 60972+ | 21.31 | 0.00 | 21.34 | | 103 | Mnfr | Bag |
| ----- | | | | | | | | |
| THE SCOTTS CO. MARYSVILLE OH 43041 | | | | | | | | |
| 10-12-10 | 60052 | 11.90 | 14.25 | 11.09 | | 117 | Blend | Bag |
| 10-12-10 | 62651 | 11.85 | 15.00 | 11.97 | | 122 | Blend | Bag |
| 10-12-10 | 62810 | 12.49 | 14.58 | 11.99 | | 122 | Blend | Bag |
| 12-04-08 | 60041 | 14.03 | 5.79 | 10.07 | | 123 | Blend | Bag |
| 12-04-08 | 60162 | 13.83 | 5.70 | 9.71 | | 121 | Blend | Bag |
| 20-27-05 | 60062 | 21.54 | 26.74 | 4.99 | | 103 | Blend | Bag |
| 20-27-05 | 60092+ | 20.49 | 27.48 | 5.46 | | 103 | Blend | Bag |
| 20-27-05 | 60889+ | 21.50 | 26.57 | 5.26 | | 102 | Blend | Bag |
| 20-27-05 | 62072+ | 21.10 | 27.24 | 5.65 | | 103 | Mnfr | Bag |
| 22-03-14 | 60123+ | 21.45 | 3.17 | 15.61 | | 102 | Blend | Bag |
| 22-03-14 | 60131+ | 21.58 | 3.16 | 15.97 | | 103 | Mnfr | Bag |
| 22-03-14 | 60136+ | 22.79 | 3.10 | 14.71 | | 104 | Blend | Bag |
| 22-03-14 | 60144+ | 22.75 | 3.47 | 14.67 | | 105 | Blend | Bag |
| 22-03-14 | 60147+ | 22.51 | 3.58 | 15.10 | | 105 | Blend | Bag |
| 22-03-14 | 60150+ | 23.55 | 3.00 | 12.81 * | | 102 | Blend | Bag |
| 22-03-14 | 60166+ | 21.95 | 3.13 | 15.81 | | 104 | Blend | Bag |
| 22-03-14 | 60171+ | 22.71 | 3.28 | 15.03 | | 105 | Blend | Bag |
| 22-03-14 | 60176+ | 22.74 | 3.47 | 14.66 | | 104 | Blend | Bag |
| 22-03-14 | 60191+ | 22.11 | 3.24 | 15.03 | | 103 | Blend | Bag |
| 22-03-14 | 60415+ | 23.09 | 3.42 | 14.80 | | 106 | Blend | Bag |
| 22-03-14 | 60419+ | 22.33 | 3.26 | 14.81 | | 103 | Blend | Bag |
| 22-03-14 | 60491+ | 21.59 | 3.20 | 15.80 | | 103 | Blend | Bag |
| 22-03-14 | 60518+ | 22.75 | 3.06 | 15.76 | | 106 | Blend | Bag |
| 22-03-14 | 60521+ | 22.03 | 3.00 | 15.50 | | 103 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|-------|-------|-------|-------|-------|-------|------|
| ----- | | | | | | | | |
| THE SCOTTS CO. MARYSVILLE OH 43041 | | | | | | | | |
| Statistical Analysis for Grade : 22-03-14 | | | | | | | | |
| Number of Samples This Grade : 15 | | | | | | | | |
| Average Analysis : | | 22.40 | 3.24 | 15.07 | | 103.7 | | |
| CV, % | | 2.69 | 5.53 | 5.19 | | | | |
| 22-04-11 | 60130+ | 22.45 | 4.19 | 11.89 | | 104 | Mnfr | Bag |
| 22-04-11 | 60165+ | 22.93 | 4.54 | 11.38 | | 105 | Blend | Bag |
| 22-04-11 | 60169+ | 21.79 | 4.24 | 12.66 | | 103 | Blend | Bag |
| 22-04-11 | 60170+ | 22.02 | 4.22 | 12.35 | | 103 | Blend | Bag |
| 22-04-11 | 60175+ | 22.78 | 4.21 | 12.19 | | 105 | Blend | Bag |
| 22-04-11 | 60291+ | 23.02 | 4.48 | 12.25 | | 107 | Blend | Bag |
| 22-04-11 | 60418+ | 23.02 | 4.29 | 11.76 | | 105 | Blend | Bag |
| 22-04-11 | 60490+ | 21.64 | 4.39 | 12.72 | | 103 | Blend | Bag |
| 22-04-11 | 60495+ | 22.27 | 4.12 | 11.81 | | 103 | Blend | Bag |
| 22-04-11 | 60517+ | 23.00 | 4.29 | 11.80 | | 105 | Blend | Bag |
| Statistical Analysis for Grade : 22-04-11 | | | | | | | | |
| Number of Samples This Grade : 10 | | | | | | | | |
| Average Analysis : | | 22.49 | 4.30 | 12.08 | | 104.3 | | |
| CV, % | | 2.38 | 3.11 | 3.53 | | | | |
| 24-03-12 | 60116+ | 24.91 | 3.19 | 12.71 | | 104 | Blend | Bag |
| 24-03-12 | 60117+ | 24.34 | 3.45 | 13.52 | | 105 | Blend | Bag |
| 28-03-03 | 60828 | 28.25 | 3.55 | 3.11 | | 103 | Blend | Bag |
| 28-03-03 | 60884 | 28.41 | 3.62 | 3.77 | | 104 | Blend | Bag |
| 28-03-03 | 60981 | 26.61 | 4.24 | 3.92 | | 101 | Blend | Bag |
| 28-03-03 | 61258+ | 29.51 | 3.03 | 3.47 | | 105 | Blend | Bag |
| 28-03-03 | 61261+ | 29.19 | 3.28 | 3.38 | | 105 | Blend | Bag |
| 28-03-03 | 61272+ | 29.67 | 3.25 | 3.64 | | 107 | Blend | Bag |
| 28-03-03 | 61608 | 28.60 | 3.33 | 3.37 | | 103 | Blend | Bag |
| Statistical Analysis for Grade : 28-03-03 | | | | | | | | |
| Number of Samples This Grade : 7 | | | | | | | | |
| Average Analysis : | | 28.61 | 3.47 | 3.52 | | 104.1 | | |
| CV, % | | 3.63 | 11.28 | 7.77 | | | | |
| 28-03-08 | 60046+ | 28.67 | 3.02 | 8.23 | | 102 | Blend | Bag |
| 28-03-08 | 60051 | 29.41 | 3.41 | 7.54 | | 104 | Blend | Bag |
| 28-03-08 | 60072+ | 28.70 | 3.62 | 7.48 | | 102 | Blend | Bag |
| 28-03-08 | 60075 | 29.25 | 2.95 | 7.72 | | 103 | Blend | Bag |
| 28-03-08 | 60082+ | 28.79 | 3.29 | 8.04 | | 103 | Blend | Bag |
| Statistical Analysis for Grade : 28-03-08 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 28.96 | 3.26 | 7.80 | | 102.9 | | |
| CV, % | | 1.18 | 8.5 | 4.15 | | | | |
| 29-03-04 | 60877 | 30.84 | 3.71 | 4.62 | | 108 | Blend | Bag |
| 29-03-04 | 60885 | 28.24 | 3.69 | 4.90 | | 101 | Blend | Bag |
| 29-03-04 | 60983 | 29.04 | 3.65 | 4.08 | | 102 | Blend | Bag |
| 29-03-04 | 60990 | 29.76 | 3.59 | 3.75 | | 104 | Blend | Bag |
| 29-03-04 | 60996 | 30.62 | 3.13 | 3.65 | | 105 | Blend | Bag |
| 29-03-04 | 61166 | 30.44 | 3.26 | 4.26 | | 105 | Blend | Bag |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|-------|-------|------|
| ----- | | | | | | | | |
| THE SCOTTS CO. MARYSVILLE OH 43041 | | | | | | | | |
| 29-03-04 | 61260+ | 30.16 | 3.06 | 4.31 | | 104 | Blend | Bag |
| 29-03-04 | 61273+ | 30.02 | 3.28 | 3.79 | | 103 | Blend | Bag |
| 29-03-04 | 62654+ | 29.23 | 4.08 | 4.75 | | 105 | Blend | Bag |
| Statistical Analysis for Grade : 29-03-04 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 29.82 | 3.49 | 4.23 | | 104.2 | | |
| CV, % | | 2.83 | 9.51 | 10.76 | | | | |
| 30-03-04 | 60829 | 32.09 | 3.79 | 4.61 | | 109 | Blend | Bag |
| 30-03-04 | 60833 | 31.90 | 3.75 | 4.10 | | 108 | Blend | Bag |
| 30-03-04 | 60876 | 31.16 | 4.03 | 4.73 | | 107 | Blend | Bag |
| 30-03-04 | 60880+ | 30.57 | 3.08 | 4.39 | | 102 | Blend | Bag |
| 30-03-04 | 60882+ | 30.70 | 3.03 | 4.27 | | 102 | Blend | Bag |
| 30-03-04 | 60883 | 30.78 | 4.12 | 4.64 | | 106 | Blend | Bag |
| 30-03-04 | 60891+ | 30.50 | 3.16 | 4.61 | | 103 | Blend | Bag |
| 30-03-04 | 60985+ | 29.85 | 3.23 | 4.23 | | 101 | Blend | Bag |
| 30-03-04 | 60994 | 30.17 | 3.96 | 5.12 | | 105 | Blend | Bag |
| 30-03-04 | 60995+ | 29.89 | 3.02 | 4.03 | | 100 | Blend | Bag |
| 30-03-04 | 61161 | 31.92 | 3.87 | 4.62 | | 109 | Blend | Bag |
| 30-03-04 | 61162+ | 30.50 | 3.23 | 4.25 | | 102 | Blend | Bag |
| 30-03-04 | 61607 | 31.31 | 4.24 | 4.63 | | 108 | Blend | Bag |
| Statistical Analysis for Grade : 30-03-04 | | | | | | | | |
| Number of Samples This Grade : 13 | | | | | | | | |
| Average Analysis : | | 30.87 | 3.58 | 4.48 | | 104.8 | | |
| CV, % | | 2.44 | 12.81 | 6.72 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.82 | 113.11 | 109.64 | | | | |
| ALL SAMPLES,CV % | | 4.85 | 10.68 | 7.79 | | | | |
| NUMBER OF ANALYSIS | | 70 | 70 | 70 | | | | |
| Deficiency Rate = 1.43 % | | | | | | | | |
| ----- | | | | | | | | |
| THOMAS CAYCE FARM SUPP. PRINCETON KY 42445 | | | | | | | | |
| 00-00-60 | 60659 | 0.00 | 0.00 | 59.98 | | 100 | Mat | Bulk |
| 04-12-41 | 60967+ | 5.08 | 13.12 | 41.59 | | 102 | CM | Bulk |
| 10-27-23 | 60439 | 10.68 | 28.14 | 24.59 | | 101 | CM | Bulk |
| 10-27-23 | 60440 | 10.86 | 27.93 | 24.66 | | 102 | CM | Bulk |
| 10-27-23 | 60441 | 10.95 | 28.07 | 24.91 | | 102 | CM | Bulk |
| 10-27-23 | 60966 | 10.60 | 27.89 | 23.32 | | 101 | CM | Bulk |
| 10-27-24 | 60297 | 10.52 | 27.00 | 23.93 | | 98 | CM | Bulk |
| 10-27-24 | 60298 | 10.38 | 27.07 | 24.18 | | 98 | CM | Bulk |
| 10-27-24 | 60299 | 11.12 | 28.11 | 23.34 | | 101 | CM | Bulk |
| 10-27-24 | 60300 | 10.68 | 27.40 | 24.38 | | 100 | CM | Bulk |
| 10-27-24 | 60442 | 10.83 | 27.66 | 24.92 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|---------|---------|--------|-------|------|------|------|
| THOMAS CAYCE FARM SUPP. PRINCETON KY 42445 | | | | | | | | |
| Statistical Analysis for Grade : 10-27-24 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 10.71 | 27.45 | 24.15 | | 99.8 | | |
| CV, % | | 2.68 | 1.66 | 2.41 | | | | |
| 18-46-00 | 60660 | 17.97 | 46.71 | 0.00 | | 101 | Mat | Bulk |
| 21-17-17 | 60968 | 21.21 | 18.57 | 18.03 | | 101 | CM | Bulk |
| 46-00-00 | 60658 | 45.85 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 99.76 | 101.51 | 101.07 | | | | |
| ALL SAMPLES, CV % | | 2.26 | 2.49 | 2.1 | | | | |
| NUMBER OF ANALYSIS | | 13 | 12 | 12 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| TIGER-SUL PRODUCTS, LLC ATMORE AL 36504 | | | | | | | | |
| 00-00-00 | 61008+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61540+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 61593+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 62137+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 62199+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 62725+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| 00-00-00 | 62990+ | 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 | | | | |
| TRI COUNTY FERT. RICHMOND KY 40475-2014 | | | | | | | | |
| 12-30-10 | 61920 | 11.10 | 27.27 * | 12.63 | | 94 * | CM | Bulk |
| 12-30-20 | 61913 | 11.40 | 29.21 | 21.89 | | 98 | CM | Bulk |
| 12-30-20 | 61918 | 11.45 | 28.53 * | 23.57 | | 98 | CM | Bulk |
| 19-19-19 | 61914 | 17.88 | 17.97 | 21.75 | | 98 | CM | Bulk |
| 19-19-19 | 61915 | 19.19 | 16.62 * | 20.71 | | 97 | CM | Bulk |
| 19-19-19 | 61917 | 18.76 | 18.33 | 20.82 | | 100 | CM | Bulk |
| 19-19-19 | 61919 | 17.54 | 18.43 | 22.52 | | 100 | CM | Bulk |
| 31-11-02 | 61916 | 34.47 | 10.46 | 2.37 | | 106 | CM | Bulk |
| TRIMBLE CO FARM MILTON KY 40045 | | | | | | | | |
| 00-00-50 | 63349 | 0.00 | 0.00 | 49.62 | | 99 | Mat | Bulk |
| 03-10-46 | 63347 | 4.10 | 10.43 | 46.55 | | 101 | CM | Bulk |
| 10-25-26 | 63351 | 9.94 | 25.70 | 27.34 | | 100 | CM | Bulk |
| 12-05-07 | 63308 | 12.15 | 5.42 | 7.50 | | 101 | CM | Bulk |
| 18-05-12 | 63309 | 15.41 * | 12.21 | 12.22 | | 111 | CM | Bulk |
| 18-46-00 | 63350 | 17.94 | 46.03 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 63338 | 18.90 | 19.82 | 20.49 | | 101 | CM | Bulk |
| 19-19-19 | 63345 | 19.34 | 20.09 | 19.33 | | 101 | CM | Bulk |
| 22-11-17 | 63310 | 21.80 | 11.70 | 18.37 | | 99 | CM | Bulk |
| 22-11-17 | 63346 | 21.69 | 12.49 | 17.86 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|---------|-------|-------|-------|------|
| ----- | | | | | | | | |
| TRIMBLE CO FARM MILTON KY 40045 | | | | | | | | |
| 30-09-12 | 63352 | 29.25 | 9.83 | 14.26 | | 100 | CM | Bulk |
| 32-00-17 | 63348 | 32.91 | 0.00 | 17.42 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 97.68 | 114.78 | 102.18 | | | | |
| ALL SAMPLES,CV % | | 5.64 | 35.72 | 3.88 | | | | |
| NUMBER OF ANALYSIS | | 11 | 10 | 11 | | | | |
| Deficiency Rate = 8.33 % | | | | | | | | |
| ----- | | | | | | | | |
| TRUSERV CORP. CHICAGO IL 60631 | | | | | | | | |
| 12-08-08 | 63220 | 11.83 | 7.21 | 9.24 | | 99 | Blend | Bag |
| 29-03-04 | 62079 | 29.81 | 2.97 | 4.28 | | 103 | Blend | Bag |
| ----- | | | | | | | | |
| U.S. BORAX INC. VALENCIA CA 91355 | | | | | | | | |
| 00-00-00 | 63364+ | 0.00 | 0.00 | 0.00 | | | Mat | Bag |
| ----- | | | | | | | | |
| UNCO INDUSTRIES INC. RACINE WI 53406 | | | | | | | | |
| 01-00-00 | 60005+ | 0.51 * | 0.00 | 0.00 | | 51 * | Mat | Bag |
| ----- | | | | | | | | |
| VALLEY FERTILIZER SVC. EDMONTON KY 42129 | | | | | | | | |
| 08-22-29 | 62404+ | 8.91 | 22.31 | 29.08 | | 100 | CM | Bulk |
| 10-26-25 | 60719 | 9.99 | 25.78 | 26.82 | | 100 | CM | Bulk |
| 13-09-14 | 63296 | 14.02 | 10.78 | 13.53 * | | 101 | CM | Bulk |
| 18-18-20 | 61408 | 18.95 | 19.97 | 20.65 | | 104 | CM | Bulk |
| 19-19-19 | 61407 | 19.80 | 19.23 | 19.20 | | 100 | CM | Bulk |
| 19-19-19 | 61409 | 19.35 | 19.55 | 20.14 | | 101 | CM | Bulk |
| 19-19-19 | 61483 | 20.65 | 20.22 | 18.82 | | 104 | CM | Bulk |
| 19-19-19 | 62405 | 18.72 | 19.41 | 20.55 | | 100 | CM | Bulk |
| 19-19-19 | 62406 | 19.42 | 19.61 | 19.23 | | 100 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.59 | 19.60 | 19.59 | | 101.0 | | |
| CV, % | | 3.62 | 1.91 | 3.7 | | | | |
| 23-11-11 | 61410 | 22.89 | 12.15 | 12.82 | | 101 | CM | Bulk |
| 24-10-10 | 61411 | 24.42 | 10.46 | 10.72 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.47 | 101.79 | 101.73 | | | | |
| ALL SAMPLES,CV % | | 2.7 | 4.01 | 4.59 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 9.09 % | | | | | | | | |
| ----- | | | | | | | | |
| WAGNER SEED & FERTILIZER CHANDLER IN 47610 (NOT REGISTERED) | | | | | | | | |
| 03-10-30 | 62594 | 3.63 | 10.34 | 28.07 * | | 100 | Blend | Liq |
| 10-30-00 | 62593 | 9.24 | 29.12 | 0.00 | | 96 * | Blend | Liq |
| ----- | | | | | | | | |
| WARNER FERT CO. (ALBA) ALBANY KY 42602 | | | | | | | | |
| 12-24-24 | 61453 | 12.79 | 24.20 | 24.64 | | 103 | CM | Bulk |
| 17-17-17 | 61452 | 17.96 | 16.98 | 19.18 | | 105 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|---------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (ALBA) ALBANY KY 42602 | | | | | | | | |
| 17-17-17 | 61456 | 18.67 | 17.68 | 18.64 | | 108 | CM | Bulk |
| 17-17-17 | 61457 | 18.81 | 17.33 | 17.93 | | 106 | CM | Bulk |
| 19-19-19 | 61156 | 20.30 | 18.90 | 18.88 | | 100 | CM | Bulk |
| 19-19-19 | 61157 | 19.81 | 19.39 | 19.54 | | 103 | CM | Bulk |
| 19-19-19 | 61451 | 20.61 | 19.39 | 19.64 | | 105 | CM | Bulk |
| 19-19-19 | 61454 | 20.91 | 19.26 | 19.18 | | 105 | CM | Bulk |
| 19-19-19 | 61455 | 20.54 | 19.23 | 19.43 | | 104 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 20.43 | 19.23 | 19.33 | | 103.5 | | |
| CV, % | | 2.01 | 1.04 | 1.58 | | | | |
| 23-11-11 | 61158 | 24.05 | 11.08 | 11.34 | | 100 | CM | Bulk |
| 23-11-11 | 61159 | 24.15 | 10.84 | 11.18 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 106.82 | 99.70 | 102.80 | | | | |
| ALL SAMPLES,CV % | | 2.55 | 3.7 | 5.02 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (CAMP) CAMPBELLSVILLE KY 42718 | | | | | | | | |
| 06-26-26 | 63260 | 6.45 | 26.51 | 26.57 | | 101 | CM | Bulk |
| 09-18-27 | 63261 | 9.25 | 19.17 | 27.35 | | 103 | CM | Bulk |
| 19-09-19 | 63262 | 20.29 | 7.83 * | 20.43 | | 98 | CM | Bulk |
| 19-10-15 | 63263 | 19.31 | 10.39 | 16.72 | | 101 | CM | Bulk |
| 19-10-15 | 63264 | 19.85 | 10.21 | 15.95 | | 100 | CM | Bulk |
| 20-09-14 | 63265 | 21.26 | 9.81 | 14.28 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| WARNER FERT CO. (COLU) COLUMBIA KY 42728 | | | | | | | | |
| 14-00-43 | 62445 | 12.90 * | 0.00 | 44.07 | | 97 * | CM | Bulk |
| 17-06-22 | 63327+ | 18.29 | 6.38 | 22.47 | | 100 | CM | Bulk |
| 17-17-17 | 61863 | 19.04 | 17.23 | 17.62 | | 101 | CM | Bulk |
| 18-07-23 | 63323 | 18.65 | 6.63 | 23.83 | | 100 | CM | Bulk |
| 19-19-19 | 61390 | 18.89 | 20.29 | 19.70 | | 103 | CM | Bulk |
| 19-19-19 | 61862 | 19.88 | 19.21 | 19.81 | | 103 | CM | Bulk |
| 19-19-19 | 61864 | 19.11 | 19.98 | 20.37 | | 104 | CM | Bulk |
| 19-19-19 | 61865 | 19.26 | 20.77 | 19.34 | | 103 | CM | Bulk |
| 19-19-19 | 61866 | 19.41 | 20.90 | 19.32 | | 105 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.31 | 20.23 | 19.71 | | 103.6 | | |
| CV, % | | 1.93 | 3.36 | 2.17 | | | | |
| 27-13-13 | 61861 | 27.92 | 14.61 | 14.22 | | 104 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|-------|---------|---------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (COLU) COLUMBIA KY 42728 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.64 | 102.43 | 102.82 | | | | |
| ALL SAMPLES,CV % | | 4.76 | 6.29 | 2.09 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (EAST) EAST BERNSTADT KY 40729 | | | | | | | | |
| 06-26-26 | 61956 | 6.39 | 26.52 | 25.30 | | 101 | CM | Bulk |
| 12-24-24 | 61954 | 11.88 | 23.92 | 25.54 | | 101 | CM | Bulk |
| 12-24-24 | 61957 | 12.00 | 25.12 | 24.81 | | 103 | CM | Bulk |
| 17-00-30 | 61948 | 17.09 | 0.00 | 30.21 | | 101 | CM | Bulk |
| 19-19-19 | 61949 | 19.65 | 18.85 | 19.98 | | 102 | CM | Bulk |
| 19-19-19 | 61950 | 19.27 | 20.09 | 19.33 | | 103 | CM | Bulk |
| 19-19-19 | 61951 | 20.68 | 18.97 | 19.27 | | 104 | CM | Bulk |
| 19-19-19 | 61953 | 17.72 | 21.75 | 20.61 | | 105 | CM | Bulk |
| 19-19-19 | 61955 | 18.67 | 17.90 | 23.04 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 19.20 | 19.51 | 20.45 | | 103.0 | | |
| CV, % | | 5.74 | 7.55 | 7.58 | | | | |
| 20-23-15 | 61952 | 22.87 | 17.96 * | 16.59 | | 97 * | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 102.28 | 99.77 | 105.65 | | | | |
| ALL SAMPLES,CV % | | 5.31 | 9.91 | 6.39 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (LIBE) LIBERTY KY 42539 | | | | | | | | |
| 04-09-14 | 62720 | 4.88 | 9.56 | 14.87 | | 98 | CM | Bulk |
| 11-17-26 | 63286 | 11.68 | 17.03 | 26.96 | | 100 | CM | Bulk |
| 11-17-26 | 63287 | 11.72 | 18.54 | 25.21 | | 100 | CM | Bulk |
| 16-11-30 | 61010 | 16.75 | 12.44 | 29.16 | | 103 | CM | Bulk |
| 18-18-18 | 61002 | 16.73 * | 15.86 * | 19.43 | | 93 * | CM | Bulk |
| 18-18-18 | 61009 | 17.93 | 18.29 | 17.93 | | 100 | CM | Bulk |
| 19-19-19 | 61001 | 17.47 * | 17.38 * | 23.07 | | 96 * | CM | Bulk |
| 19-19-19 | 62721 | 20.23 | 18.98 | 19.13 | | 103 | CM | Bulk |
| 19-19-19 | 63288 | 19.25 | 19.59 | 18.27 | | 101 | CM | Bulk |
| 21-15-20 | 61641 | 21.00 | 15.14 | 20.71 | | 100 | CM | Bulk |
| 23-09-12 | 61007 | 23.12 | 9.91 | 12.77 | | 100 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 98.95 | 98.51 | 101.98 | | | | |
| ALL SAMPLES,CV % | | 4.89 | 6.35 | 6.78 | | | | |
| NUMBER OF ANALYSIS | | 11 | 11 | 11 | | | | |
| Deficiency Rate = 18.18 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (MONT) MONTICELLO KY 42633 | | | | | | | | |
| 17-17-17 | 61442 | 18.45 | 16.68 | 18.47 | | 100 | CM | Bulk |
| 17-17-17 | 61443 | 18.16 | 17.74 | 18.58 | | 102 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|--------|--------|--------|-------|-------|------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (MONT) MONTICELLO KY 42633 | | | | | | | | |
| 17-17-17 | 61444 | 18.00 | 17.81 | 18.80 | | 102 | CM | Bulk |
| 17-17-17 | 61446 | 17.94 | 17.33 | 18.98 | | 101 | CM | Bulk |
| 17-17-17 | 61447 | 18.07 | 17.56 | 18.66 | | 101 | CM | Bulk |
| Statistical Analysis for Grade : 17-17-17 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 18.12 | 17.42 | 18.70 | | 101.2 | | |
| CV, % | | 1.1 | 2.61 | 1.06 | | | | |
| 19-19-19 | 61441 | 20.05 | 19.74 | 19.75 | | 103 | CM | Bulk |
| 19-19-19 | 61445 | 19.94 | 19.74 | 19.77 | | 102 | CM | Bulk |
| 19-19-19 | 61448 | 20.43 | 19.77 | 19.61 | | 103 | CM | Bulk |
| 19-19-19 | 61449 | 21.05 | 19.71 | 20.18 | | 105 | CM | Bulk |
| 28-12-12 | 61450 | 29.91 | 12.88 | 13.01 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.73 | 100.07 | 103.47 | | | | |
| ALL SAMPLES,CV % | | 2.29 | 2.58 | 1.87 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (NAN) NANCY KY 42544 | | | | | | | | |
| 14-12-22 | 63279 | 14.58 | 12.37 | 22.07 | | 100 | CM | Bulk |
| 14-14-23 | 62162 | 14.70 | 15.25 | 23.95 | | 103 | CM | Bulk |
| 17-07-24 | 62164 | 16.82 | 7.69 | 25.78 | | 101 | CM | Bulk |
| 17-17-17 | 62163 | 17.49 | 17.51 | 18.34 | | 104 | CM | Bulk |
| 17-17-17 | 62165 | 16.94 | 17.68 | 18.51 | | 103 | CM | Bulk |
| 17-17-17 | 63280 | 17.65 | 18.10 | 17.60 | | 105 | CM | Bulk |
| 22-10-15 | 62420 | 21.88 | 10.27 | 15.95 | | 102 | CM | Bulk |
| 22-10-15 | 62422 | 22.68 | 9.27 | 14.56 | | 99 | CM | Bulk |
| 24-12-18 | 62421 | 23.99 | 12.53 | 19.89 | | 101 | CM | Bulk |
| ----- | | | | | | | | |
| WARNER FERT CO. (RUSS) RUSSELL SPRINGS KY 42642 | | | | | | | | |
| 06-16-38 | 61648 | 7.14 | 18.30 | 36.96 | | 104 | CM | Bulk |
| 07-19-33 | 61642+ | 7.35 | 19.42 | 33.93 | | 101 | CM | Bulk |
| 18-18-18 | 61651 | 18.43 | 19.86 | 19.10 | | 104 | CM | Bulk |
| 19-19-19 | 61645 | 19.01 | 18.85 | 20.74 | | 102 | CM | Bulk |
| 19-19-19 | 61646 | 19.13 | 18.60 | 20.44 | | 101 | CM | Bulk |
| 19-19-19 | 61647 | 19.09 | 19.14 | 20.90 | | 103 | CM | Bulk |
| 19-19-19 | 61649 | 19.28 | 19.97 | 20.56 | | 104 | CM | Bulk |
| 20-00-24 | 61643 | 20.14 | 0.00 | 24.08 | | 99 | CM | Bulk |
| 32-09-09 | 61644 | 32.39 | 9.61 | 10.60 | | 101 | CM | Bulk |
| 32-09-09 | 61650 | 31.49 | 9.21 | 11.52 | | 99 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.53 | 102.20 | 107.06 | | | | |
| ALL SAMPLES,CV % | | 3.28 | 4.28 | 6.42 | | | | |
| NUMBER OF ANALYSIS | | 10 | 9 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (SOM) SOMERSET KY 42502 | | | | | | | | |
| 00-00-50 | 60839 | 0.00 | 0.00 | 49.73 | | 99 | Mat | Bulk |
| 00-00-60 | 60707 | 0.00 | 0.00 | 60.33 | | 101 | 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 | 60724 | 0.00 | 0.00 | 61.10 | | 102 | Mat | Bulk |
| 00-00-60 | 60729 | 0.00 | 0.00 | 60.37 | | 101 | Mat | Bulk |
| 00-00-60 | 60774 | 0.00 | 0.00 | 60.15 | | 100 | Mat | Bulk |
| 00-00-60 | 60803 | 0.00 | 0.00 | 60.15 | | 100 | Mat | Bulk |
| 00-00-60 | 60806 | 0.00 | 0.00 | 60.84 | | 101 | Mat | Bulk |
| 00-00-60 | 60842 | 0.00 | 0.00 | 60.04 | | 100 | Mat | Bulk |
| 00-00-60 | 60867 | 0.00 | 0.00 | 60.02 | | 100 | Mat | Bulk |
| 00-00-60 | 60873 | 0.00 | 0.00 | 60.02 | | 100 | Mat | Bulk |
| 00-00-60 | 60900 | 0.00 | 0.00 | 60.13 | | 100 | Mat | Bulk |
| 00-00-60 | 60936 | 0.00 | 0.00 | 61.78 | | 103 | Mat | Bulk |
| 00-00-60 | 61004 | 0.00 | 0.00 | 60.49 | | 101 | Mat | Bulk |
| 00-00-60 | 61172 | 0.00 | 0.00 | 60.45 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 00-00-60 | | | | | | | | |
| Number of Samples This Grade : 13 | | | | | | | | |
| Average Analysis : | | 0.00 | 0.00 | 60.45 | | 100.8 | | |
| CV, % | | 0 | 0 | 0.85 | | | | |
| 00-46-00 | 60835 | 0.00 | 44.71 | 0.00 | | 97 | Mat | Bulk |
| 00-46-00 | 60875 | 0.00 | 44.70 | 0.00 | | 97 | Mat | Bulk |
| 05-10-10 | 62096 | 4.78 | 9.05 * | 9.91 | | 94 * | Blend | Bag |
| 05-10-10 | 62922 | 6.24 | 10.85 | 12.37 | | 117 | Blend | Bag |
| 05-10-15 | 61321 | 5.83 | 7.53 * | 13.25 * | * | 89 * | Blend | Bag |
| 05-10-15 | 62878 | 4.86 | 9.57 | 13.02 * | | 92 * | Blend | Bag |
| 05-10-15 | 62916 | 9.71 | 9.85 | 8.41 * | | 97 | Blend | Bag |
| 05-20-20 | 60781 | 7.10 | 21.44 | 19.55 | | 109 | Blend | Bag |
| 05-20-20 | 61317 | 5.00 | 21.41 | 18.59 * | | 102 | Blend | Bag |
| 05-20-20 | 61606 | 4.72 | 21.32 | 18.75 * | | 101 | Blend | Bag |
| 05-20-20 | 62082 | 4.83 | 19.26 | 21.05 | | 99 | Blend | Bag |
| 05-20-20 | 62167 | 5.17 | 23.67 | 17.90 * | | 108 | Blend | Bag |
| 05-20-20 | 62449 | 5.10 | 21.16 | 17.44 * | | 100 | Blend | Bag |
| Statistical Analysis for Grade : 05-20-20 | | | | | | | | |
| Number of Samples This Grade : 6 | | | | | | | | |
| Average Analysis : | | 5.32 | 21.38 | 18.88 | | 103.1 | | |
| CV, % | | 16.65 | 6.55 | 6.83 | | | | |
| 06-12-12 | 60779 | 6.74 | 11.55 | 12.18 | | 102 | Blend | Bag |
| 06-12-12 | 61316 | 6.39 | 12.72 | 12.02 | | 105 | Blend | Bag |
| 06-12-12 | 62083 | 5.78 | 12.13 | 12.11 | | 100 | Blend | Bag |
| 06-12-12 | 62089 | 6.46 | 12.28 | 14.38 | | 108 | Blend | Bag |
| 06-12-12 | 62092 | 7.94 | 14.77 | 14.68 | | 125 | Blend | Bag |
| 06-12-12 | 62095 | 6.05 | 11.87 | 11.72 | | 99 | Blend | Bag |
| 06-12-12 | 62098 | 6.42 | 12.50 | 10.54 * | | 101 | Blend | Bag |
| 06-12-12 | 62430 | 6.35 | 13.33 | 12.66 | | 108 | CM | Bulk |
| 06-12-12 | 62917 | 5.74 | 11.54 | 12.17 | | 97 | Blend | Bag |
| Statistical Analysis for Grade : 06-12-12 | | | | | | | | |
| Number of Samples This Grade : 9 | | | | | | | | |
| Average Analysis : | | 6.43 | 12.52 | 12.50 | | 105.0 | | |
| CV, % | | 10.18 | 8.12 | 10.35 | | | | |
| 07-07-07 | 62427 | 23.42 | 8.67 | 7.55 | | 192 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|-------|---------|---------|--------|-------|-------|-------|------|
| WARNER FERT CO. (SOM) SOMERSET KY 42502 | | | | | | | | |
| 07-18-36 | 62426 | 7.39 | 18.67 | 36.14 | | 101 | CM | Bulk |
| 09-23-30 | 62424 | 9.08 | 23.07 | 30.11 | | 100 | CM | Bulk |
| 10-10-10 | 60720 | 8.42 * | 8.71 * | 9.42 | | 87 * | Blend | Bag |
| 10-10-10 | 60726 | 9.63 | 10.37 | 10.17 | | 100 | Blend | Bag |
| 10-10-10 | 60778 | 10.05 | 9.47 | 9.83 | | 98 | Blend | Bag |
| 10-10-10 | 60784 | 10.18 | 11.02 | 9.81 | | 104 | Blend | Bag |
| 10-10-10 | 60941 | 10.18 | 10.26 | 10.10 | | 102 | Blend | Bag |
| 10-10-10 | 61320 | 10.60 | 10.05 | 10.45 | | 104 | Blend | Bag |
| 10-10-10 | 61388 | 10.44 | 10.71 | 10.43 | | 105 | Blend | Bag |
| 10-10-10 | 61605 | 8.30 * | 8.96 * | 8.24 * | | 85 * | Blend | Bag |
| 10-10-10 | 61700 | 10.46 | 9.58 | 10.91 | | 102 | Blend | Bag |
| 10-10-10 | 62084 | 8.62 * | 9.29 | 8.25 * | | 88 * | Blend | Bag |
| 10-10-10 | 62085 | 10.69 | 9.14 | 9.77 | | 99 | Blend | Bag |
| 10-10-10 | 62091 | 11.18 | 11.98 | 11.29 | | 115 | Blend | Bag |
| 10-10-10 | 62094 | 10.68 | 10.51 | 11.52 | | 108 | Blend | Bag |
| 10-10-10 | 62097 | 10.17 | 11.28 | 10.13 | | 106 | Blend | Bag |
| 10-10-10 | 62166 | 12.87 | 13.24 | 10.68 | | 126 | Blend | Bag |
| 10-10-10 | 62447 | 9.83 | 10.75 | 9.97 | | 102 | Blend | Bag |
| 10-10-10 | 62655 | 9.05 * | 9.35 | 8.71 * | | 91 * | Blend | Bag |
| 10-10-10 | 62670 | 8.36 * | 8.45 * | 8.29 * | | 84 * | Blend | Bag |
| 10-10-10 | 62817 | 10.77 | 10.00 | 9.96 | | 103 | Blend | Bag |
| 10-10-10 | 62876 | 11.04 | 9.21 | 10.12 | | 101 | Blend | Bag |
| 10-10-10 | 62915 | 7.85 * | 9.16 | 9.16 * | | 86 * | Blend | Bag |
| Statistical Analysis for Grade : 10-10-10 | | | | | | | | |
| Number of Samples This Grade : 21 | | | | | | | | |
| Average Analysis : | | 9.97 | 10.07 | 9.87 | | 99.9 | | |
| CV, % | | 12.02 | 11.56 | 9.42 | | | | |
| 10-20-20 | 61318 | 9.15 | 18.66 * | 20.36 | | 95 * | Blend | Bag |
| 12-24-24 | 61315 | 12.32 | 25.22 | 22.84 | | 102 | Blend | Bag |
| 15-15-15 | 60728 | 16.91 | 15.82 | 15.12 | | 107 | Blend | Bag |
| 15-15-15 | 60944 | 15.27 | 16.22 | 14.81 | | 104 | Blend | Bag |
| 15-15-15 | 62168 | 14.39 | 14.81 | 16.46 | | 100 | Blend | Bag |
| 15-15-15 | 62723 | 14.03 | 14.91 | 15.55 | | 98 | Blend | Bag |
| 15-15-15 | 62724 | 13.48 * | 12.84 * | 19.00 | | 99 | Blend | Bag |
| Statistical Analysis for Grade : 15-15-15 | | | | | | | | |
| Number of Samples This Grade : 5 | | | | | | | | |
| Average Analysis : | | 14.82 | 14.92 | 16.19 | | 101.6 | | |
| CV, % | | 9.05 | 8.78 | 10.43 | | | | |
| 16-10-30 | 62425 | 16.78 | 10.10 | 30.64 | | 103 | CM | Bulk |
| 17-17-17 | 62423 | 18.09 | 15.56 * | 19.11 | | 102 | CM | Bulk |
| 18-14-18 | 62431 | 19.06 | 13.86 | 18.49 | | 100 | CM | Bulk |
| 18-46-00 | 60705 | 18.04 | 45.92 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60722 | 17.38 | 44.36 | 0.00 | | 96 * | Mat | Bulk |
| 18-46-00 | 60732 | 17.43 | 44.40 | 0.00 | | 97 * | Mat | Bulk |
| 18-46-00 | 60776 | 18.09 | 46.14 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60802 | 17.64 | 46.05 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60805 | 17.86 | 45.70 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60840 | 18.30 | 45.93 | 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 | | | | | | | | |
| 18-46-00 | 60868 | 18.11 | 45.98 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60872 | 17.85 | 45.80 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 60901 | 17.98 | 45.89 | 0.00 | | 100 | Mat | Bulk |
| 18-46-00 | 60935 | 18.18 | 45.27 | 0.00 | | 99 | Mat | Bulk |
| 18-46-00 | 61005 | 17.91 | 46.76 | 0.00 | | 101 | Mat | Bulk |
| 18-46-00 | 61171 | 17.77 | 45.97 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 18-46-00 | | | | | | | | |
| Number of Samples This Grade : 13 | | | | | | | | |
| Average Analysis : | | 17.89 | 45.70 | 0.00 | | 99.4 | | |
| CV, % | | 1.56 | 1.47 | 0 | | | | |
| 19-19-19 | 60721 | 20.95 | 20.69 | 16.94 * | | 105 | Blend | Bag |
| 19-19-19 | 60727 | 19.32 | 20.79 | 18.15 | | 103 | Blend | Bag |
| 19-19-19 | 60780 | 19.57 | 20.22 | 18.10 | | 103 | Blend | Bag |
| 19-19-19 | 60783 | 19.01 | 19.09 | 19.50 | | 101 | Blend | Bag |
| 19-19-19 | 60943 | 19.50 | 20.05 | 18.15 | | 102 | Blend | Bag |
| 19-19-19 | 61319 | 19.31 | 18.30 | 20.02 | | 100 | Blend | Bag |
| 19-19-19 | 61322 | 19.51 | 18.84 | 20.89 | | 103 | CM | Bulk |
| 19-19-19 | 61389 | 19.19 | 19.65 | 18.12 | | 101 | Blend | Bag |
| 19-19-19 | 61604 | 19.70 | 20.32 | 18.53 | | 104 | Blend | Bag |
| 19-19-19 | 61699 | 18.56 | 20.48 | 18.19 | | 101 | Blend | Bag |
| 19-19-19 | 62081 | 18.58 | 18.92 | 19.71 | | 100 | Blend | Bag |
| 19-19-19 | 62090 | 18.19 | 20.53 | 19.27 | | 102 | Blend | Bag |
| 19-19-19 | 62099 | 19.89 | 19.76 | 18.60 | | 103 | Blend | Bag |
| 19-19-19 | 62169 | 19.62 | 20.00 | 19.76 | | 104 | Blend | Bag |
| 19-19-19 | 62428 | 18.86 | 19.76 | 19.13 | | 101 | CM | Bulk |
| 19-19-19 | 62429 | 19.61 | 20.88 | 18.41 | | 105 | CM | Bulk |
| 19-19-19 | 62432 | 19.59 | 19.88 | 19.04 | | 103 | CM | Bulk |
| 19-19-19 | 62435 | 19.19 | 20.25 | 18.62 | | 103 | Blend | Bag |
| 19-19-19 | 62446 | 19.22 | 18.63 | 19.51 | | 100 | Blend | Bag |
| 19-19-19 | 62635 | 18.84 | 19.36 | 19.47 | | 101 | Blend | Bag |
| 19-19-19 | 62722 | 18.77 | 18.99 | 20.30 | | 101 | Blend | Bag |
| 19-19-19 | 62877 | 19.14 | 18.09 | 19.61 | | 99 | Blend | Bag |
| 19-19-19 | 62914 | 18.01 | 19.69 | 19.30 | | 100 | Blend | Bag |
| 19-19-19 | 63360 | 18.51 | 19.37 | 20.00 | | 101 | Blend | Bag |
| Statistical Analysis for Grade : 19-19-19 | | | | | | | | |
| Number of Samples This Grade : 24 | | | | | | | | |
| Average Analysis : | | 19.19 | 19.69 | 19.05 | | 101.9 | | |
| CV, % | | 3.23 | 3.99 | 4.7 | | | | |
| 27-13-13 | 62433 | 27.90 | 14.29 | 12.63 | | 104 | CM | Bulk |
| 28-00-00 | 63324 | 27.91 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 28-00-00 | 63325 | 27.95 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 28-00-00 | 63326 | 27.95 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 28-00-00 | 63362 | 28.05 | 0.00 | 0.00 | | 100 | Mat | Liq |
| 34-00-00 | 60706 | 34.20 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 60723 | 33.25 | 0.00 | 0.00 | | 98 | Mat | Bulk |
| 34-00-00 | 60731 | 34.50 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 60775 | 34.35 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| 34-00-00 | 60804 | 34.23 | 0.00 | 0.00 | | 101 | Mat | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|---|--------|---------|---------|---------|-------|-------|------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (SOM) SOMERSET KY 42502 | | | | | | | | |
| 34-00-00 | 60807 | 34.17 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 60834 | 33.60 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60870 | 33.66 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60874 | 33.58 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 60902 | 33.85 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 34-00-00 | 60937 | 33.55 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 61006 | 33.52 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 34-00-00 | 61173 | 34.19 | 0.00 | 0.00 | | 101 | Mat | Bulk |
| Statistical Analysis for Grade : 34-00-00 | | | | | | | | |
| Number of Samples This Grade : 13 | | | | | | | | |
| Average Analysis : | | 33.90 | 0.00 | 0.00 | | 99.7 | | |
| CV, % | | 1.16 | 0 | 0 | | | | |
| 46-00-00 | 60725 | 46.02 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60730 | 46.01 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60777 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60801 | 46.05 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60841 | 45.82 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60869 | 45.97 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60871 | 46.12 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60899 | 46.14 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 60934 | 45.99 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61003 | 45.96 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| 46-00-00 | 61170 | 46.01 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| Statistical Analysis for Grade : 46-00-00 | | | | | | | | |
| Number of Samples This Grade : 11 | | | | | | | | |
| Average Analysis : | | 46.01 | 0.00 | 0.00 | | 100.0 | | |
| CV, % | | 0.19 | 0 | 0 | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 103.81 | 101.60 | 99.95 | | | | |
| ALL SAMPLES,CV % | | 21.63 | 7.97 | 9.09 | | | | |
| NUMBER OF ANALYSIS | | 120 | 94 | 93 | | | | |
| Deficiency Rate = 15.44 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (STANF) STANFORD KY 40484 | | | | | | | | |
| 00-00-58 | 63282+ | 0.00 | 0.00 | 58.78 | | 100 | CM | Bulk |
| 00-21-28 | 61877 | 0.00 | 23.24 | 25.77 * | | 99 | CM | Bulk |
| 04-10-44 | 61880+ | 4.26 | 11.24 | 45.04 | | 102 | CM | Bulk |
| 05-23-23 | 61879 | 14.79 | 15.89 * | 25.18 | | 108 | CM | Bulk |
| 13-09-13 | 63281 | 12.64 | 9.23 | 13.77 | | 99 | CM | Bulk |
| 17-12-24 | 62434+ | 17.35 | 12.64 | 23.59 | | 100 | CM | Bulk |
| 19-19-19 | 61878 | 19.79 | 20.34 | 18.51 | | 104 | CM | Bulk |
| 19-19-19 | 61881 | 19.46 | 20.20 | 19.27 | | 104 | CM | Bulk |
| 19-19-19 | 63285 | 17.82 | 20.64 | 19.88 | | 102 | CM | Bulk |
| 21-15-20 | 61882 | 20.71 | 16.30 | 20.88 | | 102 | CM | Bulk |
| 29-04-15 | 63283 | 26.07 * | 7.97 | 16.96 | | 103 | CM | Bulk |
| 33-00-12 | 63284+ | 33.79 | 0.00 | 13.14 | | 100 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--|--------|--------|--------|--------|-------|------|------|------|
| ----- | | | | | | | | |
| WARNER FERT CO. (STANF) STANFORD KY 40484 | | | | | | | | |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 115.69 | 108.34 | 101.79 | | | | |
| ALL SAMPLES,CV % | | 48.29 | 23.75 | 5.68 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 12 | | | | |
| Deficiency Rate = 25.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WARNER FERT CO. (TOMPK) TOMPKINSVILLE KY 42167 | | | | | | | | |
| 09-24-24 | 60939+ | 9.65 | 23.27 | 24.33 | | 97 | CM | Bulk |
| 13-08-35 | 60938 | 13.37 | 8.23 | 36.73 | | 100 | CM | Bulk |
| 13-08-35 | 60946 | 14.36 | 8.83 | 35.11 | | 102 | CM | Bulk |
| 19-19-19 | 60933 | 20.32 | 19.48 | 19.01 | | 102 | CM | Bulk |
| 19-19-19 | 60942 | 19.04 | 19.79 | 19.81 | | 100 | CM | Bulk |
| 19-19-19 | 60945 | 20.19 | 19.52 | 18.67 | | 101 | CM | Bulk |
| 19-19-19 | 60947 | 19.29 | 18.48 | 20.83 | | 99 | CM | Bulk |
| 20-17-20 | 60949 | 19.89 | 16.67 | 22.04 | | 101 | CM | Bulk |
| 25-10-13 | 60948 | 24.52 | 9.15 * | 14.30 | | 96 * | CM | Bulk |
| 30-09-13 | 60940 | 31.96 | 9.74 | 12.28 | | 104 | CM | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 101.15 | 97.22 | 101.88 | | | | |
| ALL SAMPLES,CV % | | 3.44 | 5.15 | 4.91 | | | | |
| NUMBER OF ANALYSIS | | 10 | 10 | 10 | | | | |
| Deficiency Rate = 10.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WATERWAY AG INC. METROPOLIS IL 62960 | | | | | | | | |
| 34-00-00 | 61403 | 33.03 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| ----- | | | | | | | | |
| WILSON FARM SUPPLY, INC NANCY KY 42544 | | | | | | | | |
| 00-00-60 | 61386 | 0.00 | 0.00 | 61.94 | | 103 | Mat | Bulk |
| 09-23-30 | 62279 | 9.06 | 22.93 | 29.87 | | 100 | CM | Bulk |
| 17-11-23 | 63278 | 16.79 | 11.22 | 24.59 | | 100 | CM | Bulk |
| 18-46-00 | 61384 | 17.74 | 46.07 | 0.00 | | 100 | Mat | Bulk |
| 19-19-19 | 62277 | 19.23 | 18.63 | 19.43 | | 100 | CM | Bulk |
| 19-19-19 | 62278 | 19.28 | 19.87 | 19.52 | | 103 | CM | Bulk |
| 34-00-00 | 61385 | 33.60 | 0.00 | 0.00 | | 99 | Mat | Bulk |
| 46-00-00 | 61383 | 45.98 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| ----- | | | | | | | | |
| WOODFORD FEED CO. VERSAILLES KY 40383 | | | | | | | | |
| 00-00-57 | 63357+ | 0.00 | 0.00 | 57.63 | | 100 | CM | Bulk |
| 16-00-25 | 63358 | 16.90 | 0.00 | 25.48 | * | 100 | CM | Bulk |
| 16-04-22 | 63354 | 16.76 | 4.13 | 22.92 | | 101 | CM | Bulk |
| 16-11-15 | 61680 | 16.09 | 11.47 | 14.51 | | 99 | CM | Bulk |
| 18-00-30 | 63355 | 18.37 | 0.00 | 30.47 | | 100 | CM | Bulk |
| 18-46-00 | 61678 | 17.67 | 45.99 | 0.00 | | 99 | Mat | Bulk |
| 21-00-27 | 63356 | 20.71 | 0.00 | 28.99 | * | 100 | CM | Bulk |
| 21-04-24 | 63359 | 22.39 | 4.19 | 24.66 | * | 102 | CM | Bulk |
| 23-00-07 | 61681 | 22.90 | 0.00 | 7.51 | | 99 | CM | Bulk |
| 23-00-07 | 61682 | 23.12 | 0.00 | 7.23 | | 100 | CM | Bulk |
| 24-00-14 | 63353 | 25.07 | 0.00 | 13.65 | | 101 | CM | Bulk |

TABLE 1. (Continued)

| GRADE | NUM | N | P2O5 | K2O | XS-CL | RV | Type | Form |
|--------------------------------|--------|---------------------|--------|-------|-------|-----|-------|------|
| ----- | | | | | | | | |
| WOODFORD FEED CO. | | VERSAILLES KY 40383 | | | | | | |
| 32-02-00 | 61677 | 32.43 | 3.10 | 0.00 | | 104 | Mat | Bulk |
| 46-00-00 | 61679 | 46.16 | 0.00 | 0.00 | | 100 | Mat | Bulk |
| STAT. ANALYSIS FOR ALL SAMPLES | | | | | | | | |
| ALL SAMPLES,%GUAR | | 100.48 | 109.86 | 98.94 | | | | |
| ALL SAMPLES,CV % | | 2.51 | 23.02 | 3.09 | | | | |
| NUMBER OF ANALYSIS | | 12 | 5 | 10 | | | | |
| Deficiency Rate = 0.00 % | | | | | | | | |
| ----- | | | | | | | | |
| WOODSTREAM CORP | | LITITZ PA 17543 | | | | | | |
| 10-02-06 | 60209+ | 10.28 | 2.22 | 6.59 | | 105 | Blend | Bag |
| ----- | | | | | | | | |
| YARA NORTH AMERICA | | TAMPA FL 33602 | | | | | | |
| 14-00-14 | 63074+ | 13.49 | 0.00 | 18.84 | | 113 | Mnfr | Bag |
| 14-00-14 | 63361+ | 14.26 | 0.00 | 16.15 | | 108 | Mnfr | Bag |
| 16-00-00 | 62139+ | 15.42 | 0.00 | 0.00 | | 99 | Mat | Bag |
| 27-00-00 | 63244+ | 27.05 | 0.00 | 0.00 | | 100 | Mat | Bag |

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

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-----------------------------|--------|--------------|---------|---------|---------|
| AG/GRO FERTILIZER CO. | | WINCHESTER | KY | | |
| | 62364 | 27-00-00 | Ca | 04.00 | 04.43 |
| | | | Mg | 01.00 | 02.83 |
| AGRI-BUSINESS TECH, INC | | ALBANY | GA | | |
| | 60976 | 00-00-00 | Zn | 36.00 | 37.80 |
| | 61085 | 00-00-00 | Zn | 36.00 | 35.79 |
| | 62991 | 00-00-00 | Zn | 36.00 | 28.46* |
| AGRI-CHEM, INC. (HOPK) | | HOPKINSVILLE | KY | | |
| | 60460 | 07-33-20 | Zn | 01.03 | 00.98 |
| | 60461 | 07-33-20 | Zn | 01.03 | 01.06 |
| AGRILIANCE | | ST. PAUL | MN | | |
| | 61947 | 23-03-07 | Fe | 02.00 | 03.40 |
| AGRIUM U.S. INC. (DENV) | | DENVER | CO | | |
| | 60821 | 44-00-00 | CSRN | 40.00 | 43.67 |
| AGRIUM U.S. INC. (REESE) | | REESE | MI | | |
| | 61018 | 02-00-00 | SO4 | 14.00 | 15.31 |
| | | | Zn | 20.00 | 19.69 |
| ALASKA FISH FERT. CO. | | RENTON | WA | | |
| | 60452 | 08-05-01 | WIN | 06.01 | 05.71 |
| | | | Ca | 05.00 | 04.64 |
| ALLJACK, DIV OF UNITED IND. | | ST. LOUIS | MO | | |
| | 60455 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.10 | 00.18 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.05 |
| | 61366 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.07 |
| | | | Fe | 00.10 | 00.17 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.06 | 00.05 |
| BAYER ADVANCED LLC | | BIRMINGHAM | AL | | |
| | 60074 | 18-09-18 | WIN | 03.91 | 04.45 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------|--------|----------------|---------|--------|---------|
| BAYER ADVANCED LLC | | BIRMINGHAM | AL | | |
| | 60087 | 18-09-18 | WIN | 03.91 | 04.87 |
| | 60093 | 18-09-18 | WIN | 03.91 | 03.02* |
| | 60138 | 18-09-18 | WIN | 03.91 | 03.13* |
| | 60149 | 18-09-18 | WIN | 03.91 | 04.45 |
| | 60164 | 18-09-18 | WIN | 03.90 | 03.23* |
| | 60222 | 18-09-18 | WIN | 03.91 | 03.97 |
| | 62075 | 18-09-18 | WIN | 03.91 | 03.76 |
| | 62650 | 18-09-18 | WIN | 03.91 | 03.63 |
| | 62808 | 18-09-18 | WIN | 03.91 | 02.89* |
| | 60163 | 18-11-16 | WIN | 03.91 | 03.62 |
| | 60221 | 18-11-16 | WIN | 03.91 | 02.89* |
| BLUEGRASS SEED/FERT INC. | | BARDSTOWN | KY | | |
| | 63072 | 05-14-38 | B | 00.48 | 00.48 |
| | 63073 | 05-14-38 | B | 00.48 | 00.51 |
| | 63032 | 07-00-48 | B | 00.48 | 00.51 |
| | 63033 | 10-00-41 | B | 01.05 | 00.45* |
| C F FARM SUPPLY, INC. | | HISEVILLE | KY | | |
| | 61054 | 04-10-43 | B | 00.30 | 00.25* |
| | 61057 | 10-08-33 | B | 00.35 | 00.31 |
| | 61056 | 17-43-00 | Zn | 01.94 | 02.29 |
| | 61061 | 24-13-13 | Zn | 00.61 | 00.63 |
| CAMERON CHEMICALS, INC. | | PORTSMOUTH | VA | | |
| | 61011 | 00-00-00 | SO4 | 09.00 | 03.42* |
| | | | Zn | 36.00 | 30.87* |
| | 61115 | 00-00-00 | Mg | 05.00 | 04.19* |
| | | | SO4 | 09.00 | 06.87* |
| | | | B | 00.25 | 00.93 |
| | | | Cu | 00.25 | 00.64 |
| | | | Zn | 15.00 | 13.11* |
| | 61227 | 00-00-00 | B | 10.00 | 09.31 |
| | 61586 | 00-00-00 | B | 10.00 | 10.24 |
| | 61587 | 00-00-00 | SO4 | 03.00 | 02.96 |
| | | | B | 10.00 | 09.71 |
| | 62363 | 00-00-00 | B | 10.00 | 09.82 |
| | 63363 | 00-00-00 | Zn | 36.00 | 30.43* |
| | 60823 | 03-00-00 | Mg | 05.00 | 04.92 |
| | | | B | 00.25 | 00.80 |
| | | | Cu | 00.25 | 00.63 |
| | | | Zn | 15.00 | 14.99 |
| CAMPBELLSVILLE CROP SVC. | | CAMPBELLSVILLE | KY | | |
| | 62770 | 17-13-16 | Zn | 02.93 | 03.60 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|-----------|---------|---------|---------|
| CECILIA FARM SVC INC. | | CECILIA | | | |
| | 61214 | 07-20-30 | B | 00.76 | 00.75 |
| CERES ENVIRONMENTAL SOLUTIONS | | VAUDREUIL | | | |
| | 60102 | 05-05-05 | Ca | 05.60 | 18.85 |
| | 60141 | 05-05-05 | Ca | 05.60 | 19.38 |
| | | | SO4 | 04.00 | 02.34* |
| | 60890 | 05-05-05 | Ca | 05.60 | 19.66 |
| | | | SO4 | 04.00 | 02.23* |
| | 61430 | 05-05-05 | Ca | 05.60 | 17.12 |
| | | | SO4 | 04.00 | 02.36* |
| | 61897 | 05-05-05 | Ca | 05.60 | 17.45 |
| | | | SO4 | 04.00 | 02.36* |
| | 62159 | 05-05-05 | Ca | 05.60 | 20.90 |
| | | | SO4 | 04.00 | 02.46* |
| | 62791 | 05-05-05 | Ca | 05.60 | 19.90 |
| | | | SO4 | 04.00 | 02.19* |
| | 62790 | 06-14-12 | WIN | 00.30 | 00.26 |
| | | | Ca | 14.00 | 15.24 |
| CHEMSICO, DIV OF UNITED INDUST | | ST. LOUIS | | | |
| | 61614 | 10-12-12 | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.04 |
| | | | Zn | 00.05 | 00.05 |
| | 60142 | 10-52-10 | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.16 |
| | | | Mn | 00.05 | 00.04 |
| | 60029 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.16 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.07 |
| | 61560 | 17-17-17 | CSRN | 15.30 | 18.85 |
| | | | CSRP | 15.30 | 18.92 |
| | | | CSRK | 15.30 | 18.79 |
| | 61365 | 20-27-05 | Fe | 01.00 | 02.35 |
| | 60453 | 24-03-12 | SO4 | 04.80 | 05.43 |
| | 61435 | 24-08-16 | WIN | 02.70 | 03.01 |
| | 61559 | 24-08-16 | WIN | 02.70 | 03.05 |
| | | | Cu | 00.07 | 00.07 |
| | | | Fe | 00.15 | 00.16 |
| | | | Mo | 00.0005 | 00.0008 |
| | | | Zn | 00.06 | 00.06 |
| | 62652 | 24-08-16 | WIN | 02.70 | 02.94 |
| | | | Cu | 00.07 | 00.07 |
| | | | Fe | 00.15 | 00.16 |
| | | | Mo | 00.0005 | 00.0008 |
| | | | Zn | 00.06 | 00.07 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|-------------|---------|---------|---------|
| CHEMSICO, DIV OF UNITED INDUST | | ST. LOUIS | MO | | |
| | 62812 | 24-08-16 | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.15 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.07 |
| | 62883 | 24-08-16 | WIN | 02.70 | 02.88 |
| | | | Cu | 00.07 | 00.07 |
| | | | Fe | 00.15 | 00.17 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.07 |
| | 63294 | 24-08-16 | WIN | 02.70 | 02.79 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.16 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.07 |
| | 61555 | 29-03-04 | Fe | 01.00 | 00.17* |
| | 60454 | 30-03-03 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.17 |
| | | | Fe | 02.00 | 05.24 |
| | | | Mn | 00.05 | 00.21 |
| | | | Mo | 00.0005 | 00.0010 |
| | | | Zn | 00.05 | 00.71 |
| | 60055 | 30-10-10 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.33 | 00.32 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.07 | 00.08 |
| CROP PRODUCTION SVC INC (CAD) | | CADIZ | KY | | |
| | 63133 | 10-08-14 | Mg | 01.56 | 04.96 |
| | | | B | 00.11 | 00.12 |
| | | | Zn | 00.89 | 01.00 |
| | 63132 | 10-08-27 | Mg | 01.59 | 02.14 |
| | | | B | 00.11 | 00.15 |
| | | | Zn | 00.90 | 01.16 |
| CROP PRODUCTION SVC INC (GAL) | | GALESBURG | IL | | |
| | 62489 | 00-00-00 | S | 90.00 | 91.70 |
| CROP PRODUCTION SVC INC (HOD) | | HODGENVILLE | KY | | |
| | 61480 | 00-13-38 | B | 00.57 | 00.43* |
| CROP PRODUCTION SVC INC (HOR) | | HORSECAVE | KY | | |
| | 61050 | 05-14-38 | B | 00.48 | 00.37* |
| | 61471 | 06-15-37 | B | 00.39 | 00.29* |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------------|--------|-------------|---------|---------|----------|
| CROP PRODUCTION SVC INC (MOR) | | MORGANFIELD | KY | | |
| | 62484 | 08-20-30 | Zn | 00.54 | 00.52 |
| | 62485 | 08-20-30 | Zn | 00.54 | 00.57 |
| | 62486 | 08-20-30 | Zn | 00.54 | 00.43* |
| | 62483 | 10-16-26 | Zn | 00.53 | 00.52 |
| DABNEY FEED SUPP | | BRODHEAD | KY | | |
| | 61016 | 07-17-35 | B | 00.41 | 00.31* |
| | 61025 | 07-17-35 | B | 00.41 | 00.26* |
| DREXEL CHEMICAL CO. | | MEMPHIS | TN | | |
| | 61014 | 00-00-00 | B | 15.00 | 14.60 |
| | 61019 | 00-00-00 | B | 15.00 | 14.67 |
| | 61083 | 00-00-00 | B | 15.00 | 14.41 |
| | 61341 | 00-00-00 | B | 15.00 | 14.57 |
| | 61348 | 00-00-00 | B | 15.00 | 14.34 |
| | 61538 | 00-00-00 | B | 15.00 | 15.04 |
| | 61539 | 00-00-00 | B | 15.00 | 14.74 |
| | 61594 | 00-00-00 | B | 15.00 | 14.52 |
| | 61602 | 00-00-00 | B | 15.00 | 14.47 |
| | 62898 | 00-00-00 | B | 15.00 | 14.31 |
| | 62989 | 00-00-00 | B | 15.00 | 15.18 |
| EASY GARDNER | | WACO | TX | | |
| | 61325 | 08-24-08 | WIN | 01.30 | 03.49 |
| | 62675 | 13-04-05 | WIN | 07.00 | 05.01* |
| ESPOMA CO. | | MILLVILLE | NJ | | |
| | 60064 | 03-05-07 | WIN | 02.50 | 01.59* |
| | | | Ca | 03.00 | 03.44 |
| | | | Mg | 00.50 | 01.91 |
| | | | SO4 | 05.00 | 06.79 |
| | | | B | 00.02 | 00.01* |
| | | | Cu | 00.05 | 00.02* |
| | | | Fe | 01.00 | 00.52* |
| | | | Mn | 00.05 | 00.02* |
| | | | Mo | 00.0005 | 00.0001* |
| | | | Zn | 00.05 | 00.04* |
| | 61884 | 04-06-04 | WIN | 01.55 | 01.40 |
| | | | Ca | 03.00 | 02.67 |
| | | | Mg | 00.50 | 00.82 |
| | | | SO4 | 05.00 | 04.20* |
| | | | B | 00.02 | 00.01* |
| | | | Cu | 00.05 | 00.03* |
| | | | Fe | 01.00 | 01.15 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0005 | 00.0009 |
| | | | Zn | 00.05 | 00.08 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|------------|----------|----------|---------|---------|---------|
| ESPOMA CO. | 60101 | 04-06-06 | WIN | 01.20 | 01.46 |
| | | | Ca | 03.00 | 02.96 |
| | | | Mg | 00.50 | 01.54 |
| | | | SO4 | 05.00 | 06.61 |
| | | | B | 00.02 | 00.01* |
| | | | Cu | 00.05 | 00.04* |
| | | | Fe | 01.00 | 01.67 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0002 |
| | | | Zn | 00.05 | 00.11 |
| 61886 | 04-06-06 | WIN | 01.20 | 01.37 | |
| | | Ca | 03.00 | 02.50* | |
| | | Mg | 00.50 | 01.57 | |
| | | SO4 | 05.00 | 07.41 | |
| | | B | 00.02 | 00.01* | |
| | | Cu | 00.05 | 00.02* | |
| | | Fe | 01.00 | 00.51* | |
| | | Mn | 00.05 | 00.04 | |
| | | Mo | 00.0005 | 00.0007 | |
| | | Zn | 00.05 | 00.04 | |
| 61887 | 04-07-10 | WIN | 01.70 | 01.37 | |
| | | Ca | 03.00 | 03.77 | |
| | | Mg | 00.05 | 00.76 | |
| | | SO4 | 05.00 | 07.12 | |
| | | B | 00.02 | 00.01* | |
| | | Cu | 00.05 | 00.02* | |
| | | Fe | 01.00 | 00.64* | |
| | | Mn | 00.05 | 00.03* | |
| | | Mo | 00.0005 | 00.0007 | |
| | | Zn | 00.05 | 00.04 | |
| 63135 | 04-07-10 | WIN | 01.70 | 01.35 | |
| | | Ca | 03.00 | 03.83 | |
| | | Mg | 00.50 | 00.62 | |
| | | SO4 | 05.00 | 07.15 | |
| | | B | 00.02 | 00.01* | |
| | | Cu | 00.05 | 00.02* | |
| | | Fe | 01.00 | 01.01 | |
| | | Mn | 00.05 | 00.03* | |
| | | Mo | 00.0005 | 00.0006 | |
| | | Zn | 00.05 | 00.07 | |
| 61885 | 04-10-06 | WIN | 02.00 | 02.18 | |
| | | Ca | 03.00 | 06.45 | |
| | | Mg | 00.50 | 01.54 | |
| | | SO4 | 05.00 | 06.27 | |
| | | B | 00.02 | 00.01* | |
| | | Cu | 00.05 | 00.02* | |
| | | Fe | 01.00 | 00.57* | |
| | | Mn | 00.05 | 00.03* | |
| | | Mo | 00.0005 | 00.0009 | |
| | | Zn | 00.05 | 00.04 | |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|------------------------------|--------|---------------|---------|---------|----------|
| ESPOMA CO. | | MILLVILLE | NJ | | |
| | 61883 | 05-03-03 | WIN | 04.00 | 03.15* |
| | | | Ca | 03.00 | 05.29 |
| | | | Mg | 00.50 | 00.99 |
| | | | SO4 | 01.00 | 02.74 |
| | | | B | 00.02 | 00.01* |
| | | | Cu | 00.05 | 00.02* |
| | | | Fe | 01.00 | 00.41* |
| | | | Mn | 00.05 | 00.03* |
| | | | Mo | 00.0005 | 00.0007 |
| | | | Zn | 00.05 | 00.04 |
| | 63136 | 05-03-03 | WIN | 04.00 | 03.23* |
| | | | Ca | 03.00 | 03.68 |
| | | | Mg | 00.50 | 01.22 |
| | | | SO4 | 01.00 | 02.67 |
| | | | B | 00.02 | 00.01* |
| | | | Cu | 00.05 | 00.03* |
| | | | Fe | 01.00 | 00.51* |
| | | | Mn | 00.05 | 00.04* |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.05 | 00.05 |
| | 60065 | 06-06-04 | WIN | 02.30 | 01.85* |
| | | | Ca | 03.00 | 03.84 |
| | | | Mg | 00.50 | 00.60 |
| | | | SO4 | 05.00 | 06.30 |
| | | | B | 00.02 | 00.01* |
| | | | Cu | 00.05 | 00.03* |
| | | | Fe | 01.00 | 01.28 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0004 | 00.0001* |
| | | | Zn | 00.05 | 00.07 |
| FEED SOLUTIONS | | ST. LOUIS | MO | | |
| | 62462 | 09-00-00 | WIN | 09.00 | 08.49 |
| FELTY CROP SVC. | | BEAVER DAM | KY | | |
| | 60429 | 00-15-38 | Zn | 00.08 | 00.08 |
| | 60430 | 00-15-38 | Zn | 00.08 | 00.08 |
| | 60425 | 00-15-39 | Zn | 00.08 | 00.09 |
| | 60424 | 00-24-27 | Zn | 00.08 | 00.08 |
| FLEMING CO FARM SUPP. | | FLEMINGSBURG | KY | | |
| | 62216 | 03-12-12 | B | 00.06 | 00.05 |
| FLORISTS TRANSWORLD DELIVERY | | DOWNERS GROVE | IL | | |
| | 60047 | 15-30-15 | SO4 | 01.00 | 01.90 |
| | | | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.12* |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0010 |
| | | | Zn | 00.05 | 00.08 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|-------------|---------|--------|---------|
| FRANKLIN CROP SVC. | | FRANKLIN | | | |
| | 63026 | 09-09-09 | Mg | 00.12 | 00.37 |
| | | | B | 00.01 | 00.01 |
| | | | Cu | 00.01 | 00.00 |
| | | | Zn | 00.35 | 00.02* |
| FREE FLOW FERTILIZER CO. | | MAUMEE | | | |
| | 60215 | 06-12-00 | WIN | 05.00 | 05.23 |
| | | | Ca | 15.00 | 17.78 |
| | 60216 | 20-27-05 | Cu | 00.10 | 00.09 |
| | | | Fe | 01.00 | 01.58 |
| | | | Mn | 00.10 | 00.15 |
| | | | Zn | 00.10 | 00.15 |
| | 60214 | 24-03-12 | Fe | 01.00 | 01.20 |
| | 60290 | 24-03-12 | Fe | 01.00 | 01.17 |
| | 60061 | 29-03-04 | Fe | 01.00 | 01.49 |
| | 60096 | 29-03-04 | Fe | 01.00 | 01.54 |
| | 60108 | 29-03-04 | Fe | 01.00 | 01.03 |
| FRIT INDUSTRIES | | OZARK | | | |
| | 61342 | 00-00-00 | Zn | 36.00 | 35.24 |
| | 61595 | 00-00-00 | Zn | 36.00 | 35.75 |
| | 62192 | 00-00-00 | Zn | 36.00 | 34.25* |
| GREEN CHARGER FERT CORP. | | RICHMOND | | | |
| | 61350 | 27-00-00 | Ca | 04.00 | 04.67 |
| | | | Mg | 01.00 | 02.70 |
| GREEN LIGHT | | SAN ANTONIO | | | |
| | 60024 | 12-55-06 | Fe | 00.10 | 00.11 |
| | 61901 | 12-55-06 | Fe | 00.10 | 00.10 |
| | 60025 | 19-06-12 | SO4 | 13.00 | 14.56 |
| GREENLEAF PLANT FOOD | | DANVILLE | | | |
| | 61921 | 03-09-42 | B | 00.71 | 00.60 |
| | 61922 | 04-12-32 | B | 00.41 | 00.35 |
| | 62523 | 05-15-39 | B | 00.04 | 00.05 |
| | 62527 | 05-15-39 | B | 00.02 | 00.03 |
| GREENVIEW DIV- LEBANON SEABOAR | | LEBANON | | | |
| | 60167 | 10-16-20 | Mg | 01.00 | 01.95 |
| | | | SO4 | 02.00 | 05.43 |
| | | | Fe | 01.00 | 02.25 |
| | | | Mn | 00.50 | 00.71 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|-------------|---------|--------|---------|
| GREENVIEW DIV- LEBANON SEABOAR | | LEBANON | PA | | |
| | 60088 | 26-02-12 | WIN | 05.20 | 04.64* |
| | | | SO4 | 04.00 | 05.03 |
| | 60094 | 26-02-12 | WIN | 05.20 | 04.45* |
| | | | SO4 | 04.00 | 05.23 |
| | 60105 | 26-02-12 | WIN | 05.20 | 04.42* |
| | | | SO4 | 04.00 | 04.96 |
| | 60137 | 26-02-12 | WIN | 05.20 | 04.56* |
| | | | SO4 | 04.00 | 04.71 |
| | 60151 | 26-02-12 | WIN | 05.20 | 04.57* |
| | | | SO4 | 04.00 | 04.66 |
| GRIFFIN INDUSTRIES INC. | | COLD SPRING | KY | | |
| | 60013 | 05-06-06 | WIN | 04.25 | 04.92 |
| | 60578 | 05-06-06 | WIN | 04.25 | 04.88 |
| | | | Ca | 07.00 | 05.98* |
| | | | Mg | 02.00 | 03.24 |
| | | | SO4 | 04.00 | 06.83 |
| | 62756 | 05-06-06 | Ca | 07.00 | 07.44 |
| | | | Mg | 01.50 | 02.95 |
| | | | SO4 | 04.00 | 05.61 |
| | 62758 | 07-01-14 | WIN | 06.30 | 07.15 |
| | | | Ca | 02.00 | 03.78 |
| | | | SO4 | 05.00 | 04.59 |
| | 60012 | 08-03-05 | WIN | 06.80 | 07.43 |
| | | | Mg | 02.20 | 02.96 |
| | | | SO4 | 04.00 | 05.78 |
| | | | Fe | 00.10 | 00.05* |
| | 60577 | 08-03-05 | WIN | 06.80 | 07.59 |
| | | | Ca | 03.00 | 02.95 |
| | | | Mg | 02.20 | 02.32 |
| | | | SO4 | 04.00 | 05.40 |
| | | | Fe | 00.10 | 00.06* |
| | 62792 | 08-03-05 | Ca | 03.00 | 02.91 |
| | | | Mg | 02.20 | 02.89 |
| | | | SO4 | 04.00 | 05.41 |
| | | | Fe | 00.10 | 00.05* |
| | 62761 | 08-05-05 | Ca | 04.50 | 07.39 |
| | | | SO4 | 01.00 | 02.57 |
| | 62762 | 09-00-09 | SO4 | 03.00 | 04.67 |
| | 60014 | 10-02-08 | WIN | 08.50 | 09.47 |
| | | | Ca | 01.80 | 02.33 |
| | | | Mg | 00.50 | 00.19* |
| | | | SO4 | 03.00 | 03.31 |
| | 62754 | 10-02-08 | Ca | 01.80 | 02.42 |
| | | | SO4 | 03.00 | 03.51 |
| | 62760 | 12-02-06 | Ca | 02.00 | 02.34 |
| | | | SO4 | 08.00 | 07.00* |
| | 62759 | 13-00-00 | WIN | 12.04 | 11.57 |
| | | | SO4 | 01.25 | 00.23* |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------|--------|-------------|---------|---------|---------|
| GRIFFIN INDUSTRIES INC. | | COLD SPRING | KY | | |
| | 62755 | 15-02-08 | SO4 | 03.00 | 02.81 |
| | 62757 | 21-03-07 | Ca | 04.20 | 04.82 |
| | | | SO4 | 02.00 | 02.50 |
| GRIGG BROTHERS | | ALBION | ID | | |
| | 63105 | 07-07-07 | WIN | 01.00 | 00.20* |
| | | | Ca | 07.00 | 14.44 |
| | | | SO4 | 07.00 | 03.70* |
| | | | Fe | 07.00 | 07.40 |
| | | | Mn | 00.30 | 00.52 |
| | | | Zn | 00.20 | 00.27 |
| | 60195 | 08-04-16 | WIN | 01.50 | 01.17 |
| | | | Ca | 08.00 | 08.43 |
| | | | SO4 | 06.00 | 06.60 |
| | | | Fe | 03.00 | 05.11 |
| | | | Mn | 00.20 | 00.34 |
| | | | Zn | 00.20 | 00.21 |
| | 60194 | 16-04-08 | WIN | 03.00 | 01.43* |
| | | | Ca | 08.00 | 07.86 |
| | | | SO4 | 08.00 | 03.54* |
| | | | Fe | 03.00 | 03.73 |
| | | | Mn | 00.20 | 00.35 |
| | | | Zn | 00.20 | 00.25 |
| | 60975 | 16-04-08 | WIN | 03.00 | 01.66* |
| | | | Ca | 08.00 | 07.67 |
| | | | SO4 | 08.00 | 03.26* |
| | | | Fe | 03.00 | 03.90 |
| | | | Mn | 00.20 | 00.32 |
| | | | Zn | 00.20 | 00.25 |
| | 63107 | 16-04-08 | WIN | 03.00 | 01.19* |
| | | | Ca | 06.00 | 07.47 |
| | | | SO4 | 06.00 | 03.70* |
| | | | Fe | 03.00 | 03.99 |
| | | | Mn | 00.20 | 00.34 |
| | | | Zn | 00.10 | 00.12 |
| GRO TEC INC. | | MADISON | GA | | |
| | 60033 | 18-24-06 | B | 00.02 | 00.05 |
| | | | Cu | 00.05 | 00.07 |
| | | | Fe | 00.25 | 02.63 |
| | | | Mn | 00.10 | 00.52 |
| | | | Mo | 00.0005 | 00.0007 |
| | 60059 | 18-24-06 | B | 00.02 | 00.04 |
| | | | Cu | 00.05 | 00.07 |
| | | | Fe | 00.25 | 02.36 |
| | | | Mn | 00.10 | 00.25 |
| | | | Mo | 00.0005 | 00.0010 |
| | | | Zn | 00.10 | 00.18 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|----------------------|--------|----------|---------|---------|----------|
| GRO TEC INC. | | MADISON | GA | | |
| | 60120 | 18-24-06 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.09 |
| | | | Fe | 00.25 | 01.80 |
| | | | Mn | 00.10 | 00.28 |
| | | | Mo | 00.0005 | 00.0008 |
| | | | Zn | 00.10 | 00.30 |
| | 60186 | 18-24-06 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.03* |
| | | | Fe | 00.25 | 01.22 |
| | | | Mn | 00.10 | 00.13 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.10 | 00.14 |
| | 60294 | 18-24-06 | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.03* |
| | | | Fe | 00.25 | 01.95 |
| | | | Mn | 00.10 | 00.10 |
| | | | Mo | 00.0005 | 00.0008 |
| | | | Zn | 00.10 | 00.09 |
| | 60032 | 27-04-06 | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.04 |
| | | | Fe | 03.00 | 01.57* |
| | | | Mn | 00.10 | 00.36 |
| | | | Mo | 00.0005 | 00.0003 |
| | | | Zn | 00.10 | 00.36 |
| HARDINBURG FARM SUPP | | HARNED | KY | | |
| | 62002 | 07-19-34 | B | 00.05 | 00.04 |
| HARRELL'S INC | | LAKELAND | FL | | |
| | 60973 | 22-02-19 | B | 00.06 | 00.02* |
| | | | Cu | 00.06 | 00.03* |
| | | | Fe | 00.39 | 00.46 |
| | | | Mn | 00.16 | 00.31 |
| | | | Zn | 00.15 | 00.20 |
| | 60974 | 25-05-15 | B | 00.04 | 00.01* |
| | | | Cu | 00.04 | 00.02* |
| | | | Fe | 00.27 | 00.42 |
| | | | Mn | 00.11 | 00.15 |
| | | | Mo | 00.0010 | 00.0002* |
| | | | Zn | 00.10 | 00.06* |
| HELENA CHEMICAL CO. | | HICKMAN | KY | | |
| | 62460 | 04-00-46 | SO4 | 04.62 | 04.49 |
| | 62101 | 04-00-48 | SO4 | 04.79 | 04.71 |
| | 62102 | 04-00-48 | SO4 | 04.80 | 05.19 |
| | 63128 | 05-00-45 | SO4 | 06.00 | 06.02 |
| | 63277 | 05-00-45 | SO4 | 06.00 | 06.24 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|--------------|----------------------------|---|---|
| HELENA CHEMICAL CO. | | HICKMAN | | | |
| | 62100 | 06-00-39 | SO4 Zn | 07.96 00.18 | 07.87 00.36 |
| HELENA CHEMICAL COMPANY | | COLLIERVILLE | | | |
| | 63129 | 12-00-00 | B | 05.00 | 04.81 |
| | 63130 | 12-00-00 | B | 05.00 | 05.05 |
| | 63137 | 25-00-00 | B | 00.50 | 00.39* |
| HYDROLYSATE COMPANY OF AMERICA | | ISOLA | | | |
| | 61893 | 02-03-01 | WIN | 00.30 | 00.11 |
| IRONITE PRODUCTS | | HUMBOLDT | | | |
| | 60073 | 07-06-06 | SO4 B Fe Mn Zn | 01.00 00.02 00.10 00.05 00.05 | 00.87 00.02 00.18 00.05 00.05 |
| | 60289 | 07-06-06 | SO4 B Fe Mn Zn | 01.00 00.02 00.10 00.05 00.05 | 00.87 00.02 00.18 00.05 00.05 |
| | 60026 | 12-10-10 | SO4 Fe Zn | 12.00 00.70 00.09 | 13.53 01.19 00.23 |
| JONATHAN GREEN & SONS | | FARMINGDALE | | | |
| | 63295 | 05-07-04 | WIN Ca SO4 Fe | 03.00 06.00 01.00 00.50 | 03.83 05.54 01.11 00.28* |
| KEES FARM SVC . | | GRAYSON | | | |
| | 63223 | 00-00-54 | B | 01.31 | 01.44 |
| KNOX FERTILIZER CO., INC. | | KNOX | | | |
| | 60049 | 27-03-03 | Fe | 01.00 | 01.80 |
| | 60063 | 27-03-03 | Fe | 01.00 | 01.34 |
| | 60098 | 27-03-03 | Fe | 01.00 | 01.59 |
| | 60114 | 27-03-03 | SO4 | 03.00 | 00.21* |
| LEBANON SEABOARD | | LEBANON | | | |
| | 60812 | 10-18-22 | WIN Mg SO4 Fe | 03.40 01.00 07.20 00.80 | 03.70 01.10 08.44 00.99 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|---------------------|--------|-----------|---------|--------|---------|
| LEBANON SEABOARD | | LEBANON | PA | | |
| | 60813 | 16-16-16 | WIN | 05.70 | 03.00* |
| | | | Mg | 00.80 | 00.40* |
| | | | SO4 | 05.40 | 07.35 |
| | | | Fe | 01.00 | 00.55* |
| | | | Mn | 00.50 | 00.13* |
| | 60815 | 18-05-09 | WIN | 05.50 | 03.84* |
| | | | Mg | 01.00 | 01.19 |
| | | | SO4 | 08.00 | 13.80 |
| | | | Fe | 00.50 | 00.80 |
| | | | Mn | 00.25 | 00.21* |
| | 60814 | 20-04-10 | WIN | 04.80 | 04.72 |
| | | | Fe | 00.50 | 00.99 |
| | 60193 | 21-03-21 | WIN | 04.80 | 03.74* |
| | | | SO4 | 06.90 | 07.20 |
| | | | Fe | 00.90 | 00.75* |
| | | | Mn | 00.70 | 00.69 |
| | 60816 | 22-05-12 | WIN | 06.20 | 05.32* |
| | | | SO4 | 08.00 | 09.92 |
| | | | Fe | 01.00 | 01.77 |
| | 60817 | 24-04-12 | WIN | 11.80 | 09.24* |
| | | | Mg | 00.80 | 00.60 |
| | | | SO4 | 04.10 | 05.53 |
| | | | Fe | 00.40 | 01.58 |
| | 60192 | 25-05-15 | WIN | 03.90 | 02.95* |
| | | | SO4 | 05.10 | 05.68 |
| | | | Fe | 02.00 | 01.52* |
| | 62880 | 26-02-08 | WIN | 07.00 | 05.57* |
| | | | SO4 | 03.00 | 03.59 |
| | 62888 | 26-02-08 | WIN | 07.00 | 05.76* |
| | | | SO4 | 03.00 | 03.47 |
| LESCO INC. | | CLEVELAND | OH | | |
| | 60079 | 05-10-31 | Fe | 10.00 | 13.09 |
| | 60080 | 12-24-14 | SO4 | 05.15 | 05.73 |
| | | | Fe | 00.43 | 01.12 |
| | | | Mn | 00.21 | 00.35 |
| | 60081 | 18-24-12 | SO4 | 02.15 | 03.26 |
| | 60134 | 24-00-11 | Fe | 02.00 | 02.92 |
| | | | Mn | 01.00 | 00.96 |
| | 60135 | 32-03-08 | Fe | 02.00 | 03.09 |
| LILLY MILLER BRANDS | | CLACKAMAS | OR | | |
| | 61163 | 05-01-01 | WIN | 00.75 | 01.01 |
| | 61265 | 07-07-02 | WIN | 05.00 | 06.23 |
| | | | Ca | 07.00 | 06.78 |
| | 62240 | 07-07-02 | WIN | 05.00 | 05.72 |
| | | | Ca | 07.00 | 06.17* |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------|--------|--------------|---------|--------|---------|
| MARTIN MARIETTA | | MANISTEE | MI | | |
| | 61084 | 00-00-00 | Mg | 58.00 | 59.53 |
| | 61537 | 00-00-00 | Mg | 58.00 | 59.75 |
| MATHIS FARM SUPP. | | MELBER | KY | | |
| | 62054 | 07-19-33 | Zn | 00.41 | 00.39 |
| MAYSLICK MILL | | MAYSLICK | KY | | |
| | 62953 | 00-00-23 | B | 00.48 | 00.36* |
| | 62371 | 03-09-43 | B | 00.79 | 00.65* |
| | 62369 | 04-11-41 | B | 00.29 | 00.23* |
| | 62367 | 05-12-40 | B | 00.56 | 00.50 |
| | 62717 | 08-00-00 | B | 00.55 | 00.39* |
| MEIJER (GRAND) | | GRAND RAPIDS | MI | | |
| | 61888 | 15-30-15 | Cu | 00.05 | 00.04 |
| | | | Fe | 00.10 | 00.11 |
| | | | Mn | 00.05 | 00.04 |
| | | | Zn | 00.05 | 00.04 |
| MILES FARM CENTER (EKR) | | EKRON | KY | | |
| | 62178 | 24-00-18 | Zn | 05.80 | 07.88 |
| MILES FARM CENTER (SHEL) | | SHELBYVILLE | KY | | |
| | 61189 | 00-00-56 | B | 00.67 | 00.51* |
| | 63169 | 00-00-56 | B | 00.63 | 00.53 |
| | 62806 | 05-14-39 | B | 00.25 | 00.26 |
| | 62803 | 06-24-24 | B | 00.57 | 00.55 |
| MILES FARM SUPPLY (OWEN) | | OWENSBORO | KY | | |
| | 60819 | 00-00-00 | S | 90.00 | 92.00 |
| | 61114 | 00-00-00 | S | 90.00 | 91.90 |
| | 62395 | 00-00-00 | Mg | 05.00 | 04.83 |
| | | | SO4 | 09.00 | 05.51* |
| | | | B | 00.25 | 00.68 |
| | | | Cu | 00.25 | 01.47 |
| | | | Zn | 15.00 | 16.08 |
| | 61112 | 00-00-22 | Mg | 11.00 | 11.41 |
| | | | SO4 | 22.00 | 22.66 |
| | 60643 | 21-00-00 | SO4 | 24.00 | 23.84 |
| | 62689 | 24-08-11 | B | 00.11 | 00.10 |
| | | | Zn | 00.70 | 00.76 |
| MILES FARM SUPPLY (UPT) | | UPTON | KY | | |
| | 61723 | 01-07-49 | B | 00.25 | 00.25 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-----------------------------|--------|------------|---------|--------|---------|
| MILES FARM SUPPLY (UPT) | | UPTON | | | |
| | | | KY | | |
| | 61722 | 19-11-22 | Mg | 00.96 | 01.30 |
| | | | SO4 | 01.92 | 02.66 |
| | 61720 | 25-07-15 | Mg | 01.29 | 01.82 |
| | | | SO4 | 02.59 | 03.39 |
| MILORGANITE DIV. MMSD | | MILWAUKEE | | | |
| | | | WI | | |
| | 60100 | 06-02-00 | WIN | 05.25 | 05.34 |
| | | | Ca | 01.20 | 01.73 |
| | | | Fe | 04.00 | 06.01 |
| | 63108 | 06-02-00 | WIN | 05.25 | 05.21 |
| | | | Ca | 01.20 | 02.10 |
| | | | Fe | 04.00 | 05.31 |
| POLSON FARM SUPPLY | | KNOBLICK | | | |
| | | | KY | | |
| | 61045 | 25-10-15 | Mg | 00.65 | 01.30 |
| | | | SO4 | 01.29 | 02.23 |
| POORE, C D FERTILIZER | | ALBANY | | | |
| | | | KY | | |
| | 61466 | 16-17-16 | SO4 | 05.45 | 07.13 |
| | 60735 | 21-00-00 | SO4 | 24.00 | 24.46 |
| | 61465 | 27-11-11 | SO4 | 02.99 | 03.77 |
| PURSELL INDUSTRIES | | SYLACAUGA | | | |
| | | | AL | | |
| | 60091 | 20-27-05 | Fe | 02.00 | 03.25 |
| | 60157 | 29-03-04 | Fe | 01.00 | 00.75* |
| REGENERATED RESOURCES LLC | | PARIS | | | |
| | | | AR | | |
| | 60004 | 04-06-04 | WIN | 03.20 | 02.17* |
| ROOTBLAST INTERNATIONAL INC | | CANTON | | | |
| | | | OH | | |
| | 62748 | 02-01-02 | Ca | 16.70 | 14.58* |
| | | | Mg | 09.30 | 09.88 |
| | | | SO4 | 01.88 | 02.09 |
| | | | B | 00.04 | 00.03 |
| | | | Cu | 00.00 | 00.05 |
| | | | Fe | 02.47 | 02.38 |
| | | | Mn | 00.12 | 00.11 |
| | | | Zn | 00.15 | 00.13* |
| ROYSTER CLARK (ADAIR) | | ADAIRVILLE | | | |
| | | | KY | | |
| | 61983 | 04-02-45 | SO4 | 03.97 | 04.82 |
| | | | Zn | 00.50 | 00.65 |
| | 61979 | 08-22-27 | B | 00.06 | 00.05 |
| | | | Zn | 00.11 | 00.14 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-----------------------|--------|--------------|---------|--------|---------|
| ROYSTER CLARK (ADAIR) | | ADAIRVILLE | KY | | |
| | 61969 | 09-13-30 | SO4 | 04.00 | 05.50 |
| | | | Zn | 00.50 | 00.66 |
| | 61970 | 09-13-30 | SO4 | 04.00 | 05.51 |
| | | | Zn | 00.50 | 00.65 |
| | 61978 | 09-14-30 | SO4 | 04.01 | 05.44 |
| | | | Zn | 00.50 | 00.65 |
| | 61980 | 09-14-30 | SO4 | 04.04 | 05.83 |
| | | | Zn | 00.51 | 00.71 |
| | 61981 | 09-14-30 | SO4 | 04.02 | 05.30 |
| | | | Zn | 00.50 | 00.60 |
| | 61982 | 09-14-30 | SO4 | 04.04 | 05.62 |
| | | | Zn | 00.51 | 00.71 |
| | 61984 | 11-20-24 | SO4 | 03.17 | 04.96 |
| | | | Zn | 00.40 | 00.47 |
| | 61971 | 22-09-09 | B | 00.13 | 00.10* |
| | | | Zn | 00.26 | 00.31 |
| ROYSTER CLARK (COLL) | | COLLINSVILLE | IL | | |
| | 61976 | 05-20-20 | Mg | 02.00 | 02.50 |
| | | | SO4 | 06.00 | 07.29 |
| | | | B | 00.30 | 00.22* |
| | | | Fe | 00.30 | 00.57 |
| | | | Zn | 00.60 | 00.79 |
| | 62846 | 05-20-20 | Mg | 02.00 | 02.61 |
| | | | SO4 | 06.00 | 07.46 |
| | | | B | 00.30 | 00.29 |
| | | | Fe | 00.30 | 00.56 |
| | | | Zn | 00.60 | 00.65 |
| | 61975 | 06-12-18 | Mg | 01.00 | 02.28 |
| | | | SO4 | 09.00 | 13.82 |
| | 63025 | 06-12-18 | Mg | 01.00 | 02.79 |
| | | | SO4 | 09.00 | 12.44 |
| | 62043 | 18-08-00 | SO4 | 16.00 | 19.75 |
| | | | Zn | 02.00 | 02.58 |
| | 62044 | 18-08-00 | SO4 | 16.00 | 19.86 |
| | | | Zn | 02.00 | 02.55 |
| | 62403 | 18-08-00 | SO4 | 18.00 | 19.98 |
| | | | Zn | 02.00 | 02.48 |
| ROYSTER CLARK (FLO) | | FLORENCE | AL | | |
| | 61509 | 13-13-13 | Mg | 01.00 | 01.35 |
| | | | SO4 | 09.00 | 11.97 |
| | | | B | 00.05 | 00.07 |
| | | | Mn | 00.20 | 00.14* |
| | | | Zn | 00.20 | 00.23 |
| ROYSTER CLARK (FRAN) | | FRANKLIN | KY | | |
| | 61853 | 00-19-28 | B | 00.56 | 00.49 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|---------------------------|--------|--------------|---------|--------|---------|
| ROYSTER CLARK (FRAN) | | FRANKLIN | | | |
| | 61850 | 13-23-14 | SO4 | 04.85 | 07.49 |
| | | | Zn | 00.61 | 00.80 |
| | 61851 | 13-23-14 | SO4 | 04.85 | 07.35 |
| | | | Zn | 00.61 | 00.87 |
| ROYSTER CLARK (HARD) | | HARDIN | | | |
| | 61147 | 04-11-43 | B | 00.39 | 00.34 |
| ROYSTER CLARK (UTICA) | | UTICA | | | |
| | 62624 | 08-21-27 | SO4 | 01.60 | 02.86 |
| | | | Zn | 00.20 | 00.27 |
| | 62628 | 08-21-27 | SO4 | 01.60 | 02.91 |
| | | | Zn | 00.20 | 00.30 |
| | 62627 | 09-15-26 | SO4 | 04.00 | 05.28 |
| | | | Zn | 00.50 | 00.54 |
| | 62629 | 12-18-23 | SO4 | 01.40 | 02.35 |
| | | | Zn | 00.18 | 00.20 |
| | 62630 | 12-18-23 | SO4 | 01.40 | 02.59 |
| | | | Zn | 00.18 | 00.22 |
| ROYSTER CLARK (WISC) | | MADISON | | | |
| | 62361 | 00-00-00 | B | 10.00 | 09.42 |
| RUSSELLVILLE CROP SERVICE | | RUSSELLVILLE | | | |
| | 61104 | 13-23-17 | Mg | 00.45 | 00.76 |
| | | | SO4 | 00.81 | 01.43 |
| | | | B | 00.02 | 00.08 |
| | | | Cu | 00.02 | 00.05 |
| | | | Zn | 01.34 | 01.36 |
| | 61105 | 13-23-17 | Cu | 00.02 | 00.07 |
| | | | Zn | 01.34 | 01.59 |
| SCHOCHOH CROP | | RUSSELLVILLE | | | |
| | 60285 | 10-25-18 | Mg | 02.44 | 03.34 |
| | | | SO4 | 04.89 | 06.86 |
| | 60286 | 10-25-18 | Mg | 02.44 | 03.26 |
| | | | SO4 | 04.89 | 06.53 |
| | 61116 | 10-25-21 | Mg | 00.44 | 00.87 |
| | 61499 | 10-27-17 | Mg | 00.50 | 00.79 |
| | | | B | 00.03 | 00.08 |
| | 61500 | 10-27-17 | Mg | 00.50 | 00.69 |
| | | | B | 00.03 | 00.07 |
| | | | Cu | 00.03 | 00.04 |
| | | | Zn | 01.50 | 01.28* |
| | 61506 | 10-27-17 | Mg | 00.50 | 00.76 |
| | | | B | 00.03 | 00.07 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|---------------|--------|--------------|---------|---------|---------|
| SCHOCHOH CROP | | RUSSELLVILLE | KY | | |
| | 61507 | 10-27-17 | Mg | 00.50 | 00.76 |
| | | | B | 00.03 | 00.08 |
| | | | Cu | 00.03 | 00.05 |
| | | | Zn | 01.50 | 01.48 |
| | 61117 | 10-27-20 | Mg | 00.34 | 00.80 |
| | | | SO4 | 00.61 | 01.48 |
| | | | B | 00.02 | 00.08 |
| | | | Cu | 00.02 | 00.05 |
| | | | Zn | 01.02 | 01.36 |
| SCHULTZ CO. | | BRIDGETON | MO | | |
| | 60053 | 05-10-05 | Fe | 00.10 | 00.12 |
| | 61558 | 05-10-05 | Fe | 00.10 | 00.11 |
| | 60066 | 09-09-06 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 01.04 |
| | | | Mn | 00.10 | 00.16 |
| | | | Mo | 00.0005 | 00.0002 |
| | | | Zn | 00.10 | 00.11 |
| | 61328 | 09-09-06 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.10 | 01.28 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0002 |
| | | | Zn | 00.05 | 00.17 |
| | 60832 | 10-10-05 | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.04 |
| | | | Zn | 00.05 | 00.05 |
| | 61609 | 10-10-05 | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.04 |
| | | | Zn | 00.05 | 00.05 |
| | 61327 | 10-12-12 | SO4 | 02.80 | 03.54 |
| | | | B | 00.02 | 00.04 |
| | | | Cu | 00.05 | 00.09 |
| | | | Fe | 01.00 | 01.95 |
| | | | Mn | 00.05 | 00.10 |
| | | | Mo | 00.0005 | 00.0003 |
| | | | Zn | 00.05 | 00.28 |
| | 61890 | 10-15-10 | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.05 |
| | | | Zn | 00.05 | 00.05 |
| | 61891 | 10-15-10 | Fe | 00.10 | 00.10 |
| | | | Mn | 00.05 | 00.04 |
| | | | Zn | 00.05 | 00.05 |
| | 60038 | 10-24-10 | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.10 |
| | | | Fe | 01.10 | 02.67 |
| | | | Mn | 00.07 | 00.13 |
| | | | Mo | 00.0005 | 00.0010 |
| | | | Zn | 00.07 | 00.26 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|------------|---------|---------|---------|
| SCHULTZ CO. | | BRIDGETON | MO | | |
| | 61329 | 12-08-10 | SO4 | 02.10 | 02.48 |
| | | | B | 00.02 | 00.01 |
| | | | Cu | 00.07 | 00.03* |
| | | | Fe | 01.17 | 01.98 |
| | | | Mn | 00.07 | 00.08 |
| | | | Mo | 00.0005 | 00.0003 |
| | | | Zn | 00.07 | 00.15 |
| | 60037 | 15-15-15 | Fe | 00.30 | 00.09* |
| | | | Mn | 00.06 | 00.01* |
| | | | CSRN | 13.20 | 18.04 |
| | | | CSRP | 12.10 | 15.56 |
| | | | CSRK | 14.30 | 14.96 |
| | 61326 | 16-12-12 | SO4 | 02.10 | 02.96 |
| | | | B | 00.02 | 00.04 |
| | | | Cu | 00.07 | 00.06 |
| | | | Fe | 00.70 | 01.55 |
| | | | Mn | 00.07 | 00.09 |
| | | | Mo | 00.0005 | 00.0003 |
| | | | Zn | 00.07 | 00.23 |
| | 60040 | 18-06-12 | Mg | 01.00 | 03.78 |
| | | | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.00* |
| | | | Fe | 00.15 | 00.29 |
| | | | Mn | 00.06 | 00.10 |
| | | | Mo | 00.0070 | 00.0072 |
| | | | CSRN | 18.00 | 18.55 |
| | | | CSRP | 06.00 | 07.51 |
| | | | CSRK | 12.00 | 11.27 |
| | 60067 | 18-24-06 | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.13 |
| | | | Mn | 00.10 | 00.20 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.10 | 00.20 |
| | 60068 | 19-31-17 | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.10 | 00.13 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.05 | 00.06 |
| | 62242 | 20-20-20 | Fe | 00.10 | 00.11 |
| | | | Mn | 00.05 | 00.04 |
| | | | Zn | 00.05 | 00.06 |
| SCOTTS MIRACLE-GRO PRODUCTS, I | | MARYSVILLE | OH | | |
| | 61165 | 06-09-00 | WIN | 06.00 | 06.49 |
| | 60031 | 07-07-07 | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.10 | 00.11 |
| | | | Mn | 00.08 | 00.09 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|------------|---------|---------|---------|
| SCOTTS MIRACLE-GRO PRODUCTS, I | | MARYSVILLE | OH | | |
| | 60458 | 10-10-10 | SO4 | 04.00 | 09.94 |
| | | | CSRN | 07.00 | 11.72 |
| | | | CSRP | 07.00 | 10.98 |
| | | | CSRK | 07.00 | 11.26 |
| | 60760 | 12-04-08 | Mn | 00.05 | 00.06 |
| | | | Zn | 00.05 | 00.06 |
| | 60048 | 15-30-15 | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.10 |
| | | | Fe | 00.15 | 00.20 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0007 |
| | | | Zn | 00.06 | 00.07 |
| | 60112 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.09 |
| | | | Fe | 00.15 | 00.20 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.07 |
| | 61428 | 15-30-15 | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.21 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.05 |
| | 61436 | 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 | 00.0007 |
| | | | Zn | 00.06 | 00.06 |
| | 61570 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.06 |
| | | | Fe | 00.15 | 00.16 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.06 | 00.05 |
| | 61892 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.06 |
| | | | Fe | 00.15 | 00.17 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0004 |
| | | | Zn | 00.06 | 00.06 |
| | 61561 | 18-18-21 | Mg | 00.50 | 00.50 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.10 | 00.12 |
| | | | Mn | 00.05 | 00.05 |
| | | | Zn | 00.05 | 00.04 |
| | 61781 | 18-24-16 | Cu | 00.05 | 00.06 |
| | | | Fe | 00.10 | 00.13 |
| | | | Mn | 00.05 | 00.06 |
| | | | Zn | 00.05 | 00.07 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|------------|---------|---------|---------|
| SCOTTS MIRACLE-GRO PRODUCTS, I | | MARYSVILLE | OH | | |
| | 62080 | 30-10-10 | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.33 | 00.40 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.07 | 00.09 |
| SCOTTS SIERRA | | MARYSVILLE | OH | | |
| | 60030 | 19-06-12 | CSRN | 16.00 | 19.78 |
| | | | CSRP | 05.00 | 06.78 |
| | | | CSRK | 10.00 | 12.52 |
| | 60054 | 19-06-12 | CSRN | 16.00 | 19.67 |
| | | | CSRP | 05.00 | 06.56 |
| | | | CSRK | 10.00 | 12.26 |
| | 60457 | 19-06-12 | CSRN | 16.00 | 19.29 |
| | | | CSRP | 05.00 | 06.61 |
| | | | CSRK | 10.00 | 12.92 |
| | 61889 | 19-06-12 | CSRN | 16.00 | 19.68 |
| | | | CSRP | 05.00 | 06.49 |
| | | | CSRK | 10.00 | 12.16 |
| | 61899 | 19-06-12 | CSRN | 16.00 | 20.13 |
| | | | CSRP | 05.00 | 06.30 |
| | | | CSRK | 10.00 | 12.00 |
| | 62443 | 19-06-12 | CSRN | 16.00 | 18.34 |
| | | | CSRP | 05.00 | 06.27 |
| | | | CSRK | 10.00 | 11.57 |
| SPECTRUM GROUP | | ST. LOUIS | MO | | |
| | 60109 | 02-05-02 | Fe | 00.10 | 00.11 |
| | | | Mn | 00.05 | 00.05 |
| | | | Zn | 00.05 | 00.06 |
| | 62070 | 10-10-10 | Fe | 00.10 | 00.11 |
| | | | Mn | 00.05 | 00.05 |
| | | | Zn | 00.05 | 00.06 |
| | 60188 | 12-04-08 | B | 00.02 | 00.03 |
| | | | Cu | 00.85 | 00.12* |
| | | | Fe | 01.00 | 01.72 |
| | | | Mn | 00.05 | 00.08 |
| | | | Mo | 00.0005 | 00.0003 |
| | | | Zn | 00.05 | 00.35 |
| | 60210 | 12-05-07 | WIN | 02.10 | 02.70 |
| | | | Ca | 03.00 | 04.47 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.04 |
| | | | Fe | 00.10 | 01.09 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0005 | 00.0042 |
| | | | Zn | 00.01 | 00.20 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|----------------|--------|-----------|---------|---------|---------|
| SPECTRUM GROUP | | ST. LOUIS | MO | | |
| | 62238 | 12-05-08 | WIN | 02.10 | 02.93 |
| | | | Ca | 03.00 | 04.33 |
| | | | SO4 | 03.00 | 09.70 |
| | | | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.10 | 00.67 |
| | | | Mn | 00.05 | 00.13 |
| | | | Mo | 00.0005 | 00.0028 |
| | | | Zn | 00.05 | 00.38 |
| | 60213 | 12-06-06 | B | 00.02 | 00.01* |
| | | | Cu | 00.05 | 00.04 |
| | | | Fe | 00.25 | 00.78 |
| | | | Mn | 00.05 | 00.06 |
| | 60023 | 12-10-05 | B | 00.02 | 00.01* |
| | | | Fe | 00.10 | 00.51 |
| | | | Mn | 00.05 | 00.02* |
| | | | Mo | 00.0005 | 00.0004 |
| | | | Zn | 00.05 | 00.05 |
| | 60069 | 15-05-13 | Mg | 01.50 | 01.88 |
| | | | SO4 | 03.00 | 09.98 |
| | | | Fe | 01.00 | 01.35 |
| | 62071 | 15-05-13 | Mg | 01.50 | 01.62 |
| | | | SO4 | 03.00 | 09.73 |
| | | | Fe | 01.00 | 01.12 |
| | 62672 | 15-07-07 | Mg | 01.50 | 02.27 |
| | | | SO4 | 03.00 | 08.70 |
| | | | Fe | 01.00 | 01.60 |
| | 61358 | 15-13-13 | WIN | 06.39 | 06.92 |
| | | | Mg | 01.20 | 02.67 |
| | | | Fe | 01.00 | 01.68 |
| | 60042 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.07 |
| | | | Fe | 00.15 | 00.15 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.05 | 00.06 |
| | 60211 | 16-04-08 | WIN | 03.00 | 04.06 |
| | | | Ca | 01.00 | 01.51 |
| | | | SO4 | 01.00 | 09.63 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.10 | 01.00 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0010 |
| | | | Zn | 00.05 | 00.39 |
| | 60187 | 17-17-17 | CSRN | 15.30 | 19.24 |
| | | | CSRP | 15.30 | 15.88 |
| | | | CSRK | 15.30 | 17.90 |
| | 60212 | 18-24-10 | B | 00.02 | 00.04 |
| | | | Cu | 00.05 | 00.07 |
| | | | Fe | 00.10 | 01.52 |
| | | | Mn | 00.05 | 00.09 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.05 | 00.32 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|------------------|--------|-----------|---------|---------|---------|
| SPECTRUM GROUP | | ST. LOUIS | MO | | |
| | 61164 | 19-06-12 | CSRN | 17.10 | 19.94 |
| | | | CSRP | 05.40 | 06.23 |
| | | | CSRK | 10.80 | 12.62 |
| | 60077 | 20-20-20 | Fe | 00.10 | 00.12 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0005 |
| | | | Zn | 00.05 | 00.05 |
| | 63096 | 20-20-20 | Mg | 00.50 | 00.50 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.11 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.05 | 00.05 |
| | 60089 | 22-03-14 | SO4 | 01.40 | 02.21 |
| | 60106 | 22-03-14 | SO4 | 01.40 | 01.84 |
| | 60110 | 22-03-14 | SO4 | 01.00 | 00.97 |
| | 60125 | 22-03-14 | SO4 | 01.40 | 01.21 |
| | 60132 | 22-03-14 | SO4 | 01.40 | 01.62 |
| | 60416 | 22-03-14 | SO4 | 01.40 | 01.49 |
| | 60494 | 22-03-14 | SO4 | 01.40 | 01.69 |
| | 60119 | 22-04-11 | SO4 | 00.60 | 00.95 |
| | 60155 | 22-04-11 | SO4 | 00.70 | 01.31 |
| | 60208 | 22-04-11 | SO4 | 00.70 | 00.93 |
| | 60493 | 22-04-11 | SO4 | 00.60 | 00.98 |
| | 62676 | 24-08-16 | WIN | 02.70 | 02.73 |
| | | | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.07 |
| | | | Fe | 00.15 | 00.16 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.06 | 00.06 |
| | 60288 | 27-02-02 | Fe | 00.25 | 00.30 |
| | 60022 | 28-03-08 | Fe | 01.00 | 00.94 |
| | 60034 | 28-03-08 | Fe | 01.00 | 01.27 |
| | 60058 | 28-03-08 | Fe | 01.00 | 01.62 |
| | 60076 | 28-03-08 | Fe | 01.00 | 01.39 |
| | 62078 | 28-03-08 | Fe | 01.00 | 01.48 |
| | 60124 | 29-02-05 | Fe | 01.00 | 01.55 |
| | 60492 | 29-02-05 | Fe | 01.00 | 02.43 |
| | 60111 | 29-03-04 | Fe | 01.00 | 01.72 |
| | 60223 | 30-10-10 | Mg | 00.50 | 00.46 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.11 |
| | | | Mn | 00.05 | 00.04 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.05 | 00.05 |
| SPEED AG SERVICE | | HICKMAN | KY | | |
| | 61668 | 07-20-32 | B | 00.20 | 00.19 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------------------|--------|---------------|---------|--------|---------|
| SPEED AG SERVICE | | HICKMAN | | | |
| | | | KY | | |
| | 62110 | 17-08-21 | Zn | 01.16 | 01.05 |
| | 60614 | 21-00-00 | SO4 | 24.00 | 24.34 |
| SS (BARD) BARDSTOWN SVC | | BARDSTOWN | | | |
| | | | KY | | |
| | 62550 | 26-08-13 | B | 00.24 | 00.27 |
| | | | Zn | 01.53 | 00.85* |
| | 62551 | 26-08-13 | B | 00.24 | 00.18* |
| | | | Zn | 01.53 | 00.85* |
| SS (CALH) CALHOUN | | CALHOUN | | | |
| | | | KY | | |
| | 62512 | 08-22-29 | Zn | 00.03 | 00.03 |
| | 62515 | 08-22-29 | Zn | 00.03 | 00.05 |
| | 62518 | 08-22-29 | Zn | 00.03 | 00.04 |
| SS (CYN) LEXINGTON COOP-CYN BR | | CYNTHIANA | | | |
| | | | KY | | |
| | 62357 | 05-14-28 | Mg | 02.39 | 02.78 |
| | | | SO4 | 04.79 | 05.49 |
| | | | B | 00.99 | 00.97 |
| | 63315 | 10-00-11 | Mg | 00.82 | 01.56 |
| | | | SO4 | 01.64 | 03.02 |
| | 63316 | 10-00-11 | Mg | 00.82 | 01.53 |
| | | | SO4 | 01.64 | 02.77 |
| | 62359 | 19-07-21 | Mg | 01.20 | 01.45 |
| | | | SO4 | 02.39 | 02.75 |
| | | | B | 00.58 | 00.59 |
| | 63317 | 20-08-17 | B | 00.36 | 00.37 |
| SS (DANV) COOP BOYLE BR | | DANVILLE | | | |
| | | | KY | | |
| | 61340 | 03-09-45 | B | 00.44 | 00.40 |
| SS (ELIZ) HARDIN COOP, INC | | ELIZABETHTOWN | | | |
| | | | KY | | |
| | 60486 | 00-10-41 | B | 00.98 | 00.89 |
| | 60484 | 00-13-40 | B | 00.26 | 00.24 |
| | 60485 | 00-13-40 | B | 00.25 | 00.24 |
| SS (EMIN) INC KNTCKANA SVC-HEN | | EMINENCE | | | |
| | | | KY | | |
| | 63341 | 03-09-45 | B | 00.60 | 00.56 |
| | 62828 | 11-05-15 | B | 00.06 | 00.06 |
| | | | Zn | 00.13 | 00.21 |
| | 62829 | 11-05-15 | B | 00.07 | 00.05* |
| | | | Zn | 00.13 | 00.25 |
| SS (FLEM) FLEMINGSBURG | | FLEMINGSBURG | | | |
| | | | KY | | |
| | 62193 | 00-00-59 | B | 00.19 | 00.21 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------------|--------|--------------|---------|--------|---------|
| SS (FLEM) FLEMINGSBURG | | FLEMINGSBURG | KY | | |
| | 62203 | 03-08-46 | B | 00.58 | 00.51 |
| SS (GEOR) GEORGETOWN COOP | | GEORGETOWN | KY | | |
| | 63049 | 14-00-07 | Mg | 01.57 | 06.40 |
| | | | SO4 | 03.14 | 03.34 |
| | 63050 | 14-00-07 | Mg | 01.57 | 05.77 |
| | | | SO4 | 03.14 | 03.40 |
| SS (HARR) CNTRL KY SVC | | HARRODSBURG | KY | | |
| | 60848 | 00-00-53 | B | 00.99 | 01.03 |
| | 62280 | 00-00-55 | B | 01.05 | 01.19 |
| | 62285 | 00-00-55 | B | 01.05 | 01.18 |
| | 62281 | 15-11-09 | B | 00.23 | 00.25 |
| SS (HODG) HARDIN COOP HODG BR | | HODGENVILLE | KY | | |
| | 61633 | 00-17-26 | Zn | 06.01 | 06.81 |
| SS (HOPK) HOPKINSVILLE COOP | | HOPKINSVILLE | KY | | |
| | 60566 | 10-27-22 | Zn | 00.81 | 00.89 |
| | 60567 | 10-27-22 | Zn | 00.81 | 00.84 |
| | 60568 | 10-27-22 | Zn | 00.82 | 00.76 |
| SS (HORS) HORSE CAVE COOP | | HORSE CAVE | KY | | |
| | 62992 | 17-11-21 | Mg | 01.58 | 02.04 |
| | | | B | 00.14 | 00.13 |
| | | | Zn | 00.98 | 00.88 |
| | 63028 | 21-10-16 | Mg | 01.03 | 01.50 |
| | | | SO4 | 02.07 | 07.80 |
| SS (LEBA) LEBANON SVC | | LEBANON | KY | | |
| | 63271 | 08-16-35 | Zn | 00.73 | 00.73 |
| | 63273 | 18-17-22 | Zn | 00.40 | 00.44 |
| | 63274 | 18-17-22 | Zn | 00.40 | 00.44 |
| SS (LIBE) LIBERTY SVC | | LIBERTY | KY | | |
| | 62728 | 00-17-34 | B | 00.55 | 00.48 |
| SS (MAYS) MAYSVILLE COOP | | MAYSVILLE | KY | | |
| | 61549 | 00-00-58 | B | 00.43 | 00.38 |
| | 62647 | 05-23-24 | B | 00.39 | 00.38 |
| SS (RICH) COOP INC FERT DIV | | RICHMOND | VA | | |
| | 60554 | 00-00-00 | Zn | 36.00 | 36.42 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-----------------------------|--------|--------------|---------|--------|---------|
| SS (RICH) COOP INC FERT DIV | | RICHMOND | VA | | |
| | 60555 | 00-00-00 | S | 90.00 | 90.76 |
| | 61128 | 00-00-22 | Mg | 11.00 | 11.41 |
| | | | SO4 | 22.00 | 22.70 |
| | 61347 | 00-00-22 | Mg | 11.00 | 11.71 |
| | | | SO4 | 22.00 | 22.52 |
| | 62649 | 00-00-22 | Mg | 11.00 | 12.50 |
| | | | SO4 | 22.00 | 22.89 |
| | 62867 | 00-00-22 | Mg | 11.00 | 11.45 |
| | 62988 | 00-00-22 | Mg | 11.00 | 12.51 |
| | | | SO4 | 22.00 | 22.65 |
| | 62985 | 05-10-15 | Mg | 01.00 | 03.39 |
| | | | SO4 | 04.00 | 06.50 |
| | | | B | 00.02 | 00.04 |
| | | | Cu | 00.05 | 00.08 |
| | | | Fe | 00.10 | 00.62 |
| | | | Mn | 00.05 | 00.14 |
| | | | Zn | 00.05 | 00.18 |
| | 61124 | 21-00-00 | SO4 | 24.00 | 23.18 |
| | 60830 | 32-04-04 | Fe | 01.00 | 01.19 |
| SS (RUSS) RUSSELLVILLE COOP | | RUSSELLVILLE | KY | | |
| | 62390 | 11-16-28 | Zn | 00.93 | 00.49* |
| | 62388 | 13-18-23 | Zn | 01.05 | 00.40* |
| | 62389 | 13-18-23 | Zn | 01.05 | 00.61* |
| | 62391 | 16-15-19 | Zn | 01.29 | 00.82* |
| SS (SHEL) SHELBYVILLE COOP | | SHELBYVILLE | KY | | |
| | 63158 | 14-07-13 | Zn | 00.31 | 00.28 |
| | 63165 | 20-03-24 | Zn | 00.37 | 00.36 |
| | 63163 | 23-00-22 | B | 00.06 | 00.06 |
| | | | Cu | 00.15 | 00.15 |
| | | | Fe | 00.29 | 00.44 |
| | | | Mn | 00.15 | 00.17 |
| | | | Zn | 00.15 | 00.28 |
| SS (SOME) SOMERSET COOP | | SOMERSET | KY | | |
| | 61254 | 11-21-23 | Mg | 03.94 | 04.76 |
| SS (WINC) CLARK COOP | | WINCHESTER | KY | | |
| | 62529 | 05-13-39 | B | 00.69 | 00.66 |
| SS (WINC) COOP, INC. | | WINCHESTER | KY | | |
| | 62014 | 00-10-30 | B | 00.45 | 00.25* |
| | 62826 | 13-34-11 | Zn | 00.40 | 00.70 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|----------------------------|--------|-----------|---------|---------|----------|
| STANLEY AG SERVICE LLC | | STANLEY | | | |
| | 62315 | 10-00-00 | Mg | 00.86 | 03.27 |
| | | | B | 00.24 | 00.32 |
| SUN BULB COMPANY, INC. | | ARCADIA | | | |
| | 60027 | 11-35-15 | Mg | 00.60 | 00.69 |
| | | | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.12 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0050 | 00.0018* |
| | | | Zn | 00.05 | 00.06 |
| | 60028 | 20-14-13 | Mg | 01.00 | 01.33 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.06 |
| | | | Fe | 00.20 | 00.18 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0050 | 00.0018* |
| | | | Zn | 00.05 | 00.05 |
| | 61900 | 20-14-13 | Mg | 01.00 | 01.14 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.04 |
| | | | Fe | 00.20 | 00.17* |
| | | | Mn | 00.05 | 00.03* |
| | | | Mo | 00.0005 | 00.0024 |
| | | | Zn | 00.05 | 00.04 |
| | 62678 | 20-14-13 | Mg | 01.00 | 01.09 |
| | | | B | 00.02 | 00.03 |
| | | | Cu | 00.05 | 00.05 |
| | | | Fe | 00.20 | 00.12* |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0050 | 00.0026* |
| | | | Zn | 00.05 | 00.05 |
| SWISS FARMS PRODUCTS, INC. | | LAS VEGAS | | | |
| | 61427 | 15-30-15 | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0009 |
| | | | Zn | 00.06 | 00.07 |
| | 61433 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.09 |
| | | | Fe | 00.15 | 00.21 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0006 |
| | | | Zn | 00.06 | 00.10 |
| | 61437 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.09 |
| | | | Fe | 00.15 | 00.15 |
| | | | Mn | 00.05 | 00.06 |
| | | | Mo | 00.0005 | 00.0002 |
| | | | Zn | 00.06 | 00.10 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-----------------------------|--------|-----------|---------|---------|---------|
| SWISS FARMS PRODUCTS, INC. | | LAS VEGAS | NV | | |
| | 61553 | 15-30-15 | B | 00.02 | 00.03 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.19 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0009 |
| | | | Zn | 00.06 | 00.07 |
| | 61562 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.20 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0009 |
| | | | Zn | 00.06 | 00.07 |
| | 61565 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.09 |
| | | | Fe | 00.15 | 00.14 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0002 |
| | | | Zn | 00.06 | 00.10 |
| | 63099 | 15-30-15 | B | 00.02 | 00.02 |
| | | | Cu | 00.07 | 00.08 |
| | | | Fe | 00.15 | 00.19 |
| | | | Mn | 00.05 | 00.05 |
| | | | Mo | 00.0005 | 00.0007 |
| | | | Zn | 00.06 | 00.07 |
| | 63098 | 18-24-16 | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.13 |
| | | | Mn | 00.05 | 00.03* |
| | | | Zn | 00.05 | 00.04 |
| T AND N, INC | | FORISTELL | MO | | |
| | 60118 | 12-22-10 | Fe | 00.70 | 01.47 |
| TERRACYCLE INC | | TRENTON | NJ | | |
| | 60831 | 00-00-00 | WIN | 00.01 | 00.00 |
| THE ANDERSONS LAWN FERT DIV | | MAUMEE | OH | | |
| | 60970 | 17-03-17 | WIN | 02.90 | 03.46 |
| | | | SO4 | 10.00 | 11.96 |
| | | | Fe | 01.00 | 01.47 |
| | | | Mn | 00.50 | 00.73 |
| | 60971 | 19-02-15 | WIN | 06.50 | 10.41 |
| | | | Mg | 02.00 | 02.61 |
| | | | SO4 | 07.50 | 09.99 |
| | | | B | 00.02 | 00.02 |
| | | | Cu | 00.05 | 00.05 |
| | | | Fe | 00.10 | 00.19 |
| | | | Mn | 00.05 | 00.07 |
| | | | Mo | 00.0005 | 00.0009 |
| | | | Zn | 00.05 | 00.07 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-----------------------------|--------|------------|---------|--------|---------|
| THE ANDERSONS LAWN FERT DIV | | MAUMEE | OH | | |
| | 60972 | 21-00-20 | SO4 | 06.80 | 07.37 |
| THE SCOTTS CO. | | MARYSVILLE | OH | | |
| | 60092 | 20-27-05 | WIN | 00.60 | 00.45 |
| | 60889 | 20-27-05 | WIN | 00.60 | 00.32 |
| | 62072 | 20-27-05 | WIN | 00.60 | 00.32 |
| | 60123 | 22-03-14 | WIN | 00.60 | 00.25 |
| | | | SO4 | 10.00 | 12.97 |
| | 60131 | 22-03-14 | WIN | 00.60 | 00.27 |
| | | | SO4 | 10.00 | 12.82 |
| | 60136 | 22-03-14 | WIN | 00.60 | 00.18* |
| | | | SO4 | 10.00 | 12.62 |
| | 60144 | 22-03-14 | WIN | 00.60 | 00.25 |
| | | | SO4 | 10.00 | 12.18 |
| | 60147 | 22-03-14 | WIN | 00.60 | 00.24 |
| | | | SO4 | 10.00 | 12.05 |
| | 60150 | 22-03-14 | WIN | 00.60 | 00.27 |
| | | | SO4 | 10.00 | 12.28 |
| | 60166 | 22-03-14 | WIN | 00.60 | 00.21* |
| | | | SO4 | 10.00 | 12.40 |
| | 60171 | 22-03-14 | WIN | 00.60 | 00.26 |
| | | | SO4 | 10.00 | 12.41 |
| | 60176 | 22-03-14 | WIN | 00.60 | 00.20* |
| | | | SO4 | 10.00 | 12.05 |
| | 60191 | 22-03-14 | WIN | 00.60 | 00.22* |
| | | | SO4 | 10.00 | 12.18 |
| | 60415 | 22-03-14 | WIN | 00.60 | 00.31 |
| | | | SO4 | 10.00 | 11.93 |
| | 60419 | 22-03-14 | WIN | 00.60 | 00.32 |
| | | | SO4 | 10.00 | 12.50 |
| | 60491 | 22-03-14 | WIN | 00.60 | 00.35 |
| | | | SO4 | 10.00 | 12.77 |
| | 60518 | 22-03-14 | WIN | 00.60 | 00.08* |
| | | | SO4 | 10.00 | 12.36 |
| | 60521 | 22-03-14 | SO4 | 10.00 | 12.96 |
| | 60130 | 22-04-11 | WIN | 00.50 | 00.27 |
| | | | SO4 | 12.00 | 12.82 |
| | 60165 | 22-04-11 | WIN | 00.60 | 00.29 |
| | | | SO4 | 12.00 | 12.64 |
| | 60169 | 22-04-11 | WIN | 00.60 | 00.21* |
| | | | SO4 | 12.00 | 12.98 |
| | 60170 | 22-04-11 | WIN | 00.60 | 00.21* |
| | | | SO4 | 12.00 | 12.72 |
| | 60175 | 22-04-11 | WIN | 00.60 | 00.23 |
| | | | SO4 | 12.00 | 12.58 |
| | 60291 | 22-04-11 | WIN | 00.60 | 00.23 |
| | | | SO4 | 12.00 | 12.59 |
| | 60418 | 22-04-11 | WIN | 00.60 | 00.30 |
| | | | SO4 | 12.00 | 12.58 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------|--------|------------|---------|--------|---------|
| THE SCOTTS CO. | | MARYSVILLE | OH | | |
| | 60490 | 22-04-11 | WIN | 00.60 | 00.27 |
| | | | SO4 | 12.00 | 13.07 |
| | 60495 | 22-04-11 | WIN | 00.60 | 00.32 |
| | | | SO4 | 12.00 | 12.66 |
| | 60517 | 22-04-11 | WIN | 00.60 | 00.22* |
| | | | SO4 | 12.00 | 12.52 |
| | 60116 | 24-03-12 | WIN | 00.70 | 00.14* |
| | | | SO4 | 10.00 | 10.62 |
| | 60117 | 24-03-12 | WIN | 00.70 | 00.22* |
| | | | SO4 | 10.00 | 10.97 |
| | 61258 | 28-03-03 | WIN | 00.70 | 00.27* |
| | | | SO4 | 10.00 | 11.19 |
| | 61261 | 28-03-03 | WIN | 00.70 | 00.37 |
| | | | SO4 | 10.00 | 11.35 |
| | 61272 | 28-03-03 | WIN | 00.70 | 00.27* |
| | | | SO4 | 10.00 | 10.93 |
| | 60046 | 28-03-08 | SO4 | 02.80 | 03.12 |
| | 60072 | 28-03-08 | SO4 | 02.80 | 02.68 |
| | 60082 | 28-03-08 | SO4 | 05.40 | 02.83* |
| | 61260 | 29-03-04 | WIN | 00.80 | 00.25* |
| | | | SO4 | 08.00 | 08.90 |
| | | | Fe | 02.00 | 02.61 |
| | 61273 | 29-03-04 | WIN | 00.80 | 00.20* |
| | | | SO4 | 08.00 | 08.76 |
| | | | Fe | 02.00 | 02.53 |
| | 62654 | 29-03-04 | WIN | 00.80 | 00.28* |
| | | | SO4 | 08.00 | 08.62 |
| | 60880 | 30-03-04 | WIN | 00.90 | 00.64 |
| | | | SO4 | 08.50 | 08.75 |
| | 60882 | 30-03-04 | WIN | 00.90 | 00.55 |
| | | | SO4 | 08.50 | 08.95 |
| | 60891 | 30-03-04 | WIN | 00.90 | 00.57 |
| | | | SO4 | 08.50 | 08.79 |
| | 60985 | 30-03-04 | WIN | 00.90 | 00.50* |
| | | | SO4 | 08.50 | 09.10 |
| | 60995 | 30-03-04 | WIN | 00.90 | 00.42* |
| | | | SO4 | 08.00 | 08.69 |
| | 61162 | 30-03-04 | WIN | 00.90 | 00.44* |
| | | | SO4 | 08.00 | 09.26 |
| THOMAS CAYCE FARM SUPP. | | PRINCETON | KY | | |
| | 60967 | 04-12-41 | B | 00.47 | 00.46 |
| TIGER-SUL PRODUCTS, LLC | | ATMORE | AL | | |
| | 61008 | 00-00-00 | S | 90.00 | 90.40 |
| | 61540 | 00-00-00 | S | 90.00 | 90.03 |
| | 61593 | 00-00-00 | S | 90.00 | 89.94 |
| | 62137 | 00-00-00 | S | 90.00 | 90.71 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|-------------------------|--------|-----------------|---------|--------|---------|
| TIGER-SUL PRODUCTS, LLC | | ATMORE | AL | | |
| | 62199 | 00-00-00 | S | 90.00 | 90.66 |
| | 62725 | 00-00-00 | S | 90.00 | 90.80 |
| | 62990 | 00-00-00 | S | 90.00 | 90.93 |
| U.S. BORAX INC. | | VALENCIA | CA | | |
| | 63364 | 00-00-00 | B | 15.00 | 15.59 |
| UNCO INDUSTRIES INC. | | RACINE | WI | | |
| | 60005 | 01-00-00 | WIN | 00.90 | 00.49* |
| | | | Ca | 01.00 | 04.19 |
| | | | Fe | 00.20 | 01.12 |
| VALLEY FERTILIZER SVC. | | EDMONTON | KY | | |
| | 62404 | 08-22-29 | B | 00.37 | 00.33 |
| WARNER FERT CO. (COLU) | | COLUMBIA | KY | | |
| | 63327 | 17-06-22 | Zn | 01.19 | 01.52 |
| WARNER FERT CO. (RUSS) | | RUSSELL SPRINGS | KY | | |
| | 61642 | 07-19-33 | B | 00.42 | 00.41 |
| WARNER FERT CO. (STANF) | | STANFORD | KY | | |
| | 63282 | 00-00-58 | B | 00.35 | 00.29 |
| | 61880 | 04-10-44 | B | 00.27 | 00.23 |
| | 62434 | 17-12-24 | Zn | 01.95 | 02.09 |
| | 63284 | 33-00-12 | Zn | 01.89 | 02.04 |
| WARNER FERT CO. (TOMPK) | | TOMPKINSVILLE | KY | | |
| | 60939 | 09-24-24 | B | 00.40 | 00.52 |
| WOODFORD FEED CO. | | VERSAILLES | KY | | |
| | 63357 | 00-00-57 | B | 00.40 | 00.34 |
| WOODSTREAM CORP | | LITITZ | PA | | |
| | 60209 | 10-02-06 | WIN | 07.60 | 07.61 |
| YARA NORTH AMERICA | | TAMPA | FL | | |
| | 63074 | 14-00-14 | Ca | 12.00 | 11.33 |
| | 63361 | 14-00-14 | Ca | 12.00 | 12.55 |
| | 62139 | 16-00-00 | Ca | 19.00 | 18.51 |

TABLE 2. (Continued)

| COMPANY | SAMPLE | GRADE | ELEMENT | GUAR % | FOUND % |
|--------------------|--------|----------|---------|--------|---------|
| YARA NORTH AMERICA | | TAMPA | FL | | |
| | 63244 | 27-00-00 | Ca | 04.00 | 04.62 |
| | | | Mg | 01.00 | 03.09 |

TABLE 3 COMPANIES REGISTERED or LISCENSED TO SELL IN KENTUCKY: JULY 1, 2005 - JUNE 30, 2006

| | | |
|---|--|--|
| A.H. HOFFMAN P.O. BOX 290 LANCASTER, NY 14086 | ACADIAN SEAPLANTS 30 BROWN AVE. NOVA SCOTIA, CN B3B18 | ACCESS BUSINESS GROUP, LLC 7575 E. FULTON RD. ADA, MI 49355 |
| ACE HARDWARE (OAK) P.O. BOX 4883 OAK BROOK, IL 46350 | ADVANCED TURF SOLUTIONS, INC 12840 FORD DRIVE FISHERS, IN 46038 | AG CONCEPTS CORP 410 S. ORCHARD STREET STE. 116 BOISE, ID 83705 |
| AG DISTRIBUTORS, INC. P.O. BOX 90366 6615 ROBERTSON AVE NASHVILLE, TN 37209 | AG ORG, INC 4646 MANDALE ALVIN, TX 77511 | AG/GRO FERTILIZER CO. PENDLETON ST. WINCHESTER, KY 40391 |
| AG/GRO FERTILIZER CO. 303 HILL ST. WINCHESTER, KY 40391 | AGGRENE CORP. 925 TOWER AVE. SUPERIOR, WI 54880 | AGQUEST P.O. BOX 116 DRY RIDGE, KY 41035-0366 |
| AGRI-BUSINESS TECH, INC 1102 THIRD AVENUE ALBANY, GA 31707 | AGRI-CHEM, INC (BARD) HIGHWAY 51 BARDWELL, KY 42023 | AGRI-CHEM, INC. (HERN) 11825 LAFAYETTE RD. HERNDON, KY 42236 |
| AGRI-CHEM, INC. (HOPK) P.O. BOX 31 1106 W 15TH STREET HOPKINSVILLE, KY 42240 | AGRI-CHEM, INC. (PRIN) P.O. BOX 527 PRINCETON, KY 42445 | AGRI-CHEM, INC. (TRENT) 393 PENCHAM TRENTON, KY 42286 |
| AGRI-ENERGY RESOURCES RR 2, BOX 113 PRINCETON, IL 61356-0366 | AGRIGRO FARM CTR, INC P.O. BOX 143 HARTFORD, KY 42347 | AGRILIANCE P.O. BOX 64089 ST. PAUL, MN 55164-0089 |
| AGRIMAR CORP 5634 ATLANTA HWY, STE 200 FLOWERY BRANCH, GA 30542 | AGRIPORT TERMINAL 1127 PORT AUTHORITY RD. EDDYVILLE, KY 42038 | AGRIUM U.S. INC. (DENV) 4582 S. ULSTER ST., STE. 1700 DENVER, CO 80237 |
| AGRIUM U.S. INC. (FRES) P.O. BOX 1168 3705 W. BEECHWOOD FRESNO, CA 93711 | AGRIUM U.S. INC. (REESE) 2405 W VASSAR RD REESE, MI 48757-9340 | AGRIUM US INC 3105 GLENN AVENUE WINSTON-SALEM, NC 27105 |
| AGRO CULTURE LIQUID FERT. P.O. BOX 150 3026 WM-21 ST. JOHNS, MI 48879 | AGRO DISTRIBUTION P.O. BOX 171376 MEMPHIS, TN 38187 | AGRO DISTRIBUTION, LLC P.O. BOX 459 HARDINSBURG, KY 40143 |
| AGRO DISTRIBUTION, LLC C/O AGRILIANCE P.O. BOX 64089 ST. PAUL, MN 55164-0089 | AGRO DISTRIBUTORS 1675 US HWY. 60W PO BOX 568 MORGANFIELD, KY 42437 | AGROTAIN INTERNATIONAL, LLC ONE ANGELICA STREET ST. LOUIS, MO 63147 |
| AGXPLORE INT'L LLC 2128 WILLIAM ST #166 CAPE GIRARDEAU, MO 63703 | ALASKA FISH FERT. CO. RENTON, WA | ALL PLANT LIQUID PLANT FOOD 821 ST RT 522 N RD 3 ASHLAND, OH 44805 |
| ALLEN CO. FARMERS 512 SMITHS GROVE RD. SCOTTSVILLE, KY 42164 | ALLEN CO. FEED/SEED 301 S. 4TH ST. SCOTTSVILLE, KY 42164 | ALLENSVILLE CROP SVC. 7645 ALLENSVILLE RD. ALLENSVILLE, KY 42204 |
| ALLJACK, DIV OF UNITED IND. P.O. BOX 142642 ST. LOUIS, MO 63114-0642 | ALLTECH, INC. 3031 CATNIP HILL PIKE NICHOLASVILLE, KY 40356 | AMSOIL, INC. 925 TOWER AVE. SUPERIOR, WI 54880 |
| AMTURF ENTERPRISES LLC 1451 E. SUMMIT CROWN POINT, IN 46307 | ANDERSON CO FARM SVC 145 HAWKINS LAWRENCEBURG, KY 40342 | AQUARIUM PHARMACEUTICALS, INC 50 E HAMILTON STREET CHALFONT, PA 18914 |

TABLE 3 (Continued)

| | | |
|--|---|---|
| ASB GREENWORLD P.O. BOX 1728 VALDOSTA, GA 31603-1728 | BAICOR, L.C. P.O. BOX 725 1895 N. 600 W. LOGAN, UT 84321 | BALLARD COUNTY COOP PO BOX 329 STE. 600 LACENTER, KY 42056 |
| BANDANA AG INC. P.O. BOX 88 BANDANA, KY 42022 | BARENBRUG USA, INC P.O. BOX 239 TANGENT, OR 97389 | BARKY BEAVER MULCH, INC. RT1, BOX 84 3856 CLAY COUNTY RD. MOSS, TN 38575 |
| BAYER ADVANCED LLC 31 INVERNESS CENTER PKWY STE. 425 BIRMINGHAM, AL 35242 | BAYER ADVANCED, LLC P.O. BOX 12014 RESEARCH TRIANGLE PK, NC 27709 | BAYER ADVANCED-B U OF BAY. CROP SC 95 CHESTNUT RIDGE ROAD MONTVALE, NJ 07645 |
| BAYER ENVIRONMENTAL SCIENCE 95 CHESTNUT RIDGE ROAD MONTVALE, NJ 07645 | BBL SCIENCES 4555 LAKE FOREST DR. STE 650 CINCINNATI, OH 45242 | BEATY FERTILIZER P.O. BOX 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 | BENICK BRANDS 2377 MAIN STREET GLASTONBURY, CT 06033 |
| BIAGRO WESTERN SALES 35801 RD. 132 VISALIA, CA 93292 | BICKETT AGRI CTR. 10391 ST. RT 175-N CENTRAL CITY, KY 42330 | BICKETT AGRI CTR. 9921 STATE RD. 56-EAST MORGANFIELD, KY 42437 |
| BIG RIVERS AGRI SUPPLY P.O. BOX 22879 OWENSBORO, KY 42304 | BIG RIVERS ZINC CORPORATION 2401 MISSISSIPPI AVE SAUGET, IL 62201 | BIO TLC 2386 INDUSTRIAL STREET BURLINGTON, OH LZP 1A1 |
| BIOZ AGRI PRODUCTS INC RR#1 S40 C17 OLIVER BC, CN V0H ITO | BLACK GOLD P. O. BOX 190 OXFORD, FL 34484 | BLOOMFIELD FERT/CHEM 100 DEPOT STREET P.O. BOX 370 BLOOMFIELD, KY 40008-0370 |
| BLUE SEAL FEEDS, INC P.O. BOX 8000 LONDONDERRY, NH 03053 | BLUE YELLOW LLC 1400 W 9TH ST BRUNSWICK, GA 31520 | BLUEGRASS SEED/FERT INC. 3345 BLOOMFIELD RD. BARDSTOWN, KY 40004 |
| BONIDE PRODUCTS, INC. 6301 SUTLIFF ROAD ORISKANY, NY 13424 | BOYD FARM CTR. 222 E. PRINCETON CROFTON, KY 42217 | BRANDT CONSOLIDATED P.O. BOX 277 PLEASANT PLAINS, IL 62677 |
| BRYANT, OTIS & SON P.O. BOX 148 CANEYVILLE, KY 42721 | BUNTON SEED CO. 939 E. JEFFERSON ST. LOUISVILLE, KY 40206 | BURKESVILLE FERTILIZER CO. 160 GARMON FERRY ST. BURKESVILLE, KY 42717 |
| BUTTERFIELD FARMS P.O. BOX 184 EAU CLAIRE, PA 16030 | C F FARM SUPPLY, INC. P.O. BOX 98 HISEVILLE, KY 42152 | C F GROUP 2722 HWY. 3A PROVINCE, BC, CN V1L 6L6 |
| C F INDUSTRIES SALEM LAKE DRIVE LONG GROVE, IL 60047 | CAMERON CHEMICALS, INC. #5 BEECHWOOD COURT PORTSMOUTH, VA 23704 | CAMPBELLSVILLE CROP SVC. P.O. BOX 7 CAMPBELLSVILLE, KY 42719 |
| CANTON MILLS, INC P.O. BOX 97 MINNESOTA CITY, MN 55959 | CARGILL P.O. BOX 5606 MINNEAPOLIS, MN 55440 | CAROLINA SOIL CO. P.O. BOX 1140 KINSTON, NC 28503 |
| CASH VARIETY STORE 6205 HOLY CROSS ROAD LORETTO, KY 40037 | CECILIA FARM SVC INC. P.O. BOX 7 CECILIA, KY 42724 | CEN FARMERS SUP. OF GREEN 901 COLUMBIA HIGHWAY GREENSBURG, KY 42743 |

TABLE 3 (Continued)

| | | |
|---|--|---|
| CENTRAL FIBER CORP. 4814 FIBER LANE RD. WELLSVILLE, KS 66092 | CERES ENVIRONMENTAL SOLUTIONS 208 JOSEPH CARRIER VAUDREUIL, QC J7V 5V5 | CHEM ONE LTD 8017 PINEMONT DR. STE. 100 HOUSTON, TX 77040 |
| CHEMSICO, DIV OF UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114 | CHEROKEE NITROGEN 1080 INDUSTRIAL DRIVE P.O. BOX 250 CHEROKEE, AL 35616 | CIBA SPECIALTY CHEMICALS CORP P.O. BOX 820 2301 WILROY ROAD SUFFOLK, VA 23439-0820 |
| CIBA-GEIGY CORP. P.O. BOX 18300 GREENSBORO, NC 27419 | CLARKS GROCERY 6911 HWY. 779 ROCKHOLD, KY 40759 | CLEARY CHEMICAL CORPORATION 178 RIDGE ROAD, STE A DAYTON, NJ 08810 |
| CLEMENTS AG SUPP. P.O. BOX 347 SPRINGFIELD, KY 40069 | COFFEYVILLE RES. NITROGEN FERT 10 E. CAMBRIDGE CIRCLE KANSAS CITY, KS 66103 | CONKLIN CO., INC. 551 VALLEY PARK DRIVE P.O. BOX 155 SHAKOPEE, MN 55379-0155 |
| CONRAD FAFARD PO BOX 790 AGAWAM, MA 01001 | CORBIN FARM/GARDEN CTR. P.O. BOX 1187 1205 MASTERS STREET CORBIN, KY 40701 | CRITTENDEN FARM SUPP. 312 W. GUM ST. MARION, KY 42064 |
| CROP PRODUCTION SVC INC (CAD) P.O. BOX 1279 CADIZ, KY 42211 | CROP PRODUCTION SVC INC (CLA) P.O. BOX 8 CLARKSON, KY 42726 | CROP PRODUCTION SVC INC (CLA) 8381 SR 132-W CLAY, KY 42404-2167 |
| CROP PRODUCTION SVC INC (FRE) 3705 BEECHWOOD AVE. FRESNO, CA 93711 | CROP PRODUCTION SVC INC (GAL) 2084 WINDISH PO BOX 1467 GALESBURG, IL 61402-1467 | CROP PRODUCTION SVC INC (HEN) 1229 OUTER 5TH ST. HENDERSON, KY 42420 |
| CROP PRODUCTION SVC INC (HOD) P.O. BOX 147 HODGENVILLE, KY 42748 | CROP PRODUCTION SVC INC (HOR) 6495 S. JACKSON HWY. HORSECAVE, KY 42749 | CROP PRODUCTION SVC INC (MAD) P.O. BOX 506 MADISONVILLE, KY 42431 |
| CROP PRODUCTION SVC INC (MOR) 4770 US HWY. 60 WEST MORGANFIELD, KY 42437 | CROP PRODUCTION SVC INC (PEM) P.O. BOX 129 PEMBROKE, KY 42266 | CROP PRODUCTION SVC INC (POO) 95 BAKER AVE. PO BOX 110 POOLE, KY 42444 |
| CROP PRODUCTION SVC INC (RUS) P.O. BOX 777 RUSSELLVILLE, KY 42276 | CROP PRODUCTION SVC INC (SLA) P.O. BOX 38 SLAUGHTERS, KY 42456 | CROP PRODUCTION SVC INC (WAV) 4630 US HWY. 60-E WAVERLY, KY 42462 |
| CROWN TECHNOLOGY, INC. 7513 E. 96TH ST. INDIANAPOLIS, IN 46256 | CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN, KY 42729 | DABNEY FEED SUPP 5215 HWY 150 BRODHEAD, KY 40409 |
| DABNEY FEED SUPP 6075 HWY. 70 BRODHEAD, KY 40409 | DABNEY FEED SUPP 6951 HWY. 39 SOMERSET, KY 42503 | DAVEY TREE EXPERT CO. 1500 N. MANTUA ST. P O BOX 5193 KENT, OH 44240 |
| DAVEY TREE EXPERT CO. 6065 BRANCH HILL RD. MILFORD, OH 45150 | DELTAG PO BOX 4812 GREENVILLE, MS 38704 | DOMESTIC FERTILIZER INC. 1750 SEVENTEENTH ST. PARIS, KY 40361 |
| DRAKES FARM SVC. LOGAN SPORT ROAD P.O. BOX 308 MORGANTOWN, KY 42261-0308 | DRAMM CORPORATION 2000 N 18TH STREET P.O. BOX 1960 MANITOWOC, WI 54220 | DREXEL CHEMICAL CO. P.O. BOX 13327 MEMPHIS, TN 38113-0327 |
| DUNN'S FISH FARMS OF AR, INC P.O. BOX 85 FITTSTOWN, OK 74842 | E.B. STONE & SON, INC. P.O. BOX 550 6111 LAMBIE ROAD SUISUN, CA 94585 | EASY GARDNER P.O. BOX 21025 WACO, TX 76702-1025 |

TABLE 3 (Continued)

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| EDEN BIOSCIENCE CORP 111 CATHEDRAL STREET STE. 301 ANNAPOLIS, MD 21401 | EDEN BIOSCIENCE CORP 11816 N CREEK PKWY N BOTHELL, WA 98011-8201 | EIGHTY EIGHT FETILIZER CO., INC. PO BOX 63 EIGHTY EIGHT, KY 42130 |
| EL DORADO CHEMICAL COMPANY 1950 ALPHA DRIVE STE. 100 ROCKWALL, TX 75087 | ELKTON CROP SVC. 4050 GUTHRIE RD. GUTHRIE, KY 42234 | EMERALD ISLE 2153 NEWPORT RD. ANN ARBOR, MI 48103 |
| ENCAP, LLC 3921 ALGOMA ROAD GREEN BAY, WI 54311-9707 | ENVIRO-SAFE LABS, INC 1579 BARBER ROAD SARASOTA, FL 34240 | ESCO CORPORATION P.O. BOX 655650 DALLAS, TX 75265 |
| ESPOMA CO. 6 ESPOMA RD. MILLVILLE, NJ 08332 | EVERGREEN LIQUID PLANT 790 ST. CHARLES ST. W R.R. #1 BRESLAU, ON, CN NOB IMO | EXCEL MARKETING 15750 N LOMBARD ST, STE 200 PORTLAND, OR 97203 |
| EXCEL MARKETING INC 1340 TREAT BLVD WALNUT CREEK, CA 94597 | FAIRPLAY FERTILIZER 1425 GLENSFORK ROAD GLENSFORK, KY 42741 | FARM FOR PROF RES. 4345 HWY. 21 EMBARRASS, MN 55732 |
| FARMERS FERTILIZER CO. 150 SUNSET AVE. P.O. BOX 127 SMITHS GROVE, KY 42171 | FARMERS FERTILIZER CO.(KELLY RD) 739 KELLEY RD. BOWLING GREEN, KY 42101 | FARMERS FERTILIZER CO.(NASH. RD) 5619 OLD NASHVILLE RD. LOOP 2 BOWLING GREEN, KY 42101 |
| FARMERS GIN CO. P.O. BOX 295 CLINTON, KY 42031 | FARMERS LIME CO. HWY. 45-E SOUTH FULTON, TN 38257 | FARMSAVER.COM, LLC 911 WESTERN AVE. #206 SEATTLE WA, WA 98104 |
| FARNAM CO. 301 W. OSBORN RD. PHOENIX, AZ 85013 | FEED SOLUTIONS P.O. BOX 66812 ST. LOUIS, MO 63166 | FELTY CROP SVC. 230 E. FIRST BEAVER DAM, KY 42320 |
| FERTIGATION PRODUCTS & SVC, INC 114 GLADIATOR ROAD DOUGLAS, GA 31533 | FLEMING CO FARM SUPP. 1724 MAYSVILLE ROAD FLEMINGSBURG, KY 41041 | FLORATINE PROD. 144 MID-SOUTH COURT COLLIERVILLE, TN 38017-2770 |
| FLORISTS TRANSWORLD DELIVERY 3113 WOODCREEK DRIVE DOWNERS GROVE, IL 60515 | FRANKLIN CROP SVC. 2169 SPRINGFIELD RD. FRANKLIN, KY 42134 | FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE, OH 43537 |
| FRIT INDUSTRIES P.O. BOX 1589 OZARK, AL 36361 | GARDENSCAPE, INC. P.O. BOX 184 EAU CLAIRE, PA 16030 | GARICK 13600 BROADWAY AVENUE CLEVELAND, OH 44125 |
| GENERAL HYDROPONICS PO BOX 1576 SEBASTOPOL, CA 95473 | GILES CHEMICAL CORP 102 COMMERCE STREET WAYNESVILLE, NC 28786 | GLOBAL HARVEST 16000 CHRISTENSEN RD SEATTLE, WA 98188 |
| GLOBAL STONE CORPORATION P.O. BOX 739 BUCHANAN, VA 24066 | GLORIOUS GARDENS PO BOX 3628 DES MOINES, IA 50322 | GOOD EARTH HORTICULTURE, INC P.O. BOX 266 LANCASTER, NY 14086 |
| GRANT CO FARM SUPP. P.O. BOX 116 DRY RIDGE, KY 41035 | GRAVES CO SOIL ASSOC. 521 S 16TH STREET MAYFIELD, KY 42066 | GREAT SALT LAKE MINERALS P.O. BOX 1190 OGDEN, UT 84402 |
| GREEN CHARGER FERT CORP. P.O. BOX 26234 RICHMOND, VA 23260 | GREEN COUNTRY SOIL 8500 S. 620 ROAD MIAMI, OK 74354 | GREEN HAGSTROM 7767 FERNVALE RD. PO BOX 658 FAIRVIEW, TN 37062 |

TABLE 3 (Continued)

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| GREEN LIGHT PO BOX 17985 SAN ANTONIO, TX 78216 | GREEN RIVER FEED MILL P.O. BOX 410 700 S. MAIN STREET MORGANTOWN, KY 42261 | GREENLEAF PLANT FOOD P.O. BOX 113 410 VAKSDAHL AVENUE DANVILLE, KY 40423 |
| GREENLEAF PRODUCTS P.O. BOX 317 HAINES CITY, FL 33845 | GREENVIEW DIV- LEBANON SEABOARD CO 1600 E. CUMBERLAND ST. LEBANON, PA 17042 | GRIFFIN INDUSTRIES INC. 4221 ALEXANDRIA PIKE COLD SPRING, KY 41076-1821 |
| GRIFFIN INDUSTRIES INC. P.O. BOX 2007 HENDERSON, KY 42419-2007 | GRIGG BROTHERS 9495 1050 E PO BOX 128 ALBION, ID 83311 | GRO TEC INC. P.O. BOX 290 MADISON, GA 30650-1821 |
| GRO-MOR AG INC. 95 UTILITY DRIVE RUSSELLVILLE, KY 42276 | GROWERS CHEMICAL CORP. 321-329 HURON STREET P.O. BOX 1750 MILAN, OH 44846 | GROWMARK INC. 1701 TOWANDA AVE. BLOOMINGTON, IL 61702 |
| GROWTH PRODUCTS, LTD. P.O. BOX 1252 WHITE PLAINS, NY 10602 | GUSTAFSON LLC 1400 PRESTON ROAD STE 400 PLANO, TX 75093 | HAIFA NUTRITECH, INC. 405 DOUGLAS AVE #2605 ALAMONTE SPRINGS, FL 32714 |
| HANCOCK COUNTY FARM P.O. BOX 95 HAWESVILLE, KY 42348 | HARDINSBURG FARM SUPP 1584 HWY 60 EAST HARNED, KY 40144 | HARRELL'S INC P.O. BOX 807 LAKELAND, FL 33815 |
| HEARTLAND FERTILIZER COMPANY P.O. BOX 877 PALMETTO, FL 34220 | HELENA CHEMICAL 115-G BELTON DRIVE SPARTANBURG, SC 29301 | HELENA CHEMICAL P.O. BOX 366 SPRINGFIELD, KY 40069 |
| HELENA CHEMICAL CO. 3500 ST RT 1099 HICKMAN, KY 42050 | HELENA CHEMICAL CO. 2301 EBACH STREET OWENSBORO, KY 42303 | HELENA CHEMICAL COMPANY 225 SCHILLING BLVD. SUITE 300 COLLIERVILLE, TN 38017 |
| HELM FERTILIZER 10150 HIGHLAND MANOR DR. SUITE 230 TAMPA, FL 33610 | HENRY COUNTY FARMERS (MIDWAY) 4075 US 641 SOUTH MURRAY, KY 42071 | HENRY FARMERS COOP P.O. BOX 1058 PARIS, TN 38242 |
| HINDMAN PRO MART RT. 160 BOX 1350 HINDMAN, KY 41822 | HINTON, FRANK & SON P.O. BOX 10 PLUMMERS LANDING, KY 41081 | HONEY CREST FARMS 8868 LEE LANE BENTONVILLE, AR 727129414 |
| HONEYWELL P.O. BOX 1559 HOPEWELL, VA 23860 | HOWARD JOHNSON'S ENT, INC 1301 INDUSTRIAL DRIVE NEOSHO, MO 64850 | HOWARD JOHNSON'S ENT, INC 305 RAILROAD AVE VIROQUA, WI 54665 |
| HOWARD JOHNSONS INC. 700 W. VIRGINIA ST. STE. 222 MILWAUKEE, WI 53204 | HYDRAFEED, INC P.O. BOX 2328 ORINDA, CA 94563 | HYDRO AGRI N. AMERICA 100 N. TAMPA ST. STE. 3200 TAMPA, FL 33602 |
| HYDROLYSATE COMPANY OF AMERICA, LLC P.O. BOX 271 ISOLA, MS 38754 | HYPONEX CORP. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041 | IRONITE PRODUCTS P.O. BOX 218 HUMBOLDT, AZ 86329 |
| J.R. SIMPLOT COMPANY (BOI) P.O. BOX 27 BOISE, ID 83707 | JANES FERT/FARM 4540 EDMONTON RD. COLUMBIA, KY 42728 | JEFFERSONVILLE RIVER TERMINAL 5130 PORT ROAD JEFFERSONVILLE, IN 47130 |
| JONATHAN GREEN & SONS P.O. BOX 326 FARMINGDALE, NJ 07727 | JRM CHEMICAL 4881 NEO PKWY. CLEVELAND, OH 44128 | JUNGLE LABORATORIES P.O. BOX 630 CIBOLO, TX 78108-0630 |

TABLE 3 (Continued)

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| KEES FARM SVC . P.O. BOX 901 GRAYSON, KY 41143 | KEG RIVER CHEMICAL CORP 10350 21 ST EDMONTON, AB T6P 1W4 | KELLY PRODUCTS INC 10115 HWY 142, N COVINGTON, GA 30014 |
| KENTUCKY FERTILIZER WORKS WINCHESTER, KY 40391 | KNOX FERTILIZER CO., INC. P.O. BOX 248 W. CULVER ROAD KNOX, IN 46534 | KOCH NITROGEN COMPANY 502 EAST HOSLER ROAD HUNTINGTON, IN 46750 |
| KOCH NITROGEN COMPANY 5051 EAST COUNTY ROAD 000N MATTOON, IL 61938 | KOCH NITROGEN COMPANY P.O. BOX 1028 TAFT, LA 70057 | KOCH NITROGEN COMPANY P.O. BOX 2900 4111 EAST 37TH STREET NORTH WICHITA, KS 67220 |
| KOCH NITROGEN INT'L SARL P.O. BOX 2900 WICHITA, KS 62701-2900 | KRESTI A. LYDDON, CONSULTING 9980-230 S+N SCANDEA, MN 55273 | LAMINATIONS, INC. 1300 MEYLERT AVE SCRANTON, PA 18509 |
| LAWN AND GARDEN PRODUCTS, INC P O BOX 35000 FRESNO, CA 93745 | LAWN CURE OF SOUTH. IN 1611 SPRING ST. P.O. BOX 1295 JEFFERSONVILLE, IN 47130 | LEBANON SEABOARD 1600 E. CUMBERLAND ST. LEBANON, PA 17042 |
| LEBANON SEABOARD CORP 1600 E. CUMBERLAND ST. LEBANON, PA 17042 | LESCO INC. 1301 EAST 9TH STREET STE. 1300 CLEVELAND, OH 44114-1849 | LIDOCEM, INC. 20 VILLAGE CT. 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 |
| LITTLE GIANT PUMP COMPANY 3810 N TULSA OKLAHOMA CITY, OK 73112 | LOUISVILLE & JEFFERSON CTY MSD P.O. BOX 740011 LOUISVILLE, KY 40201 | LOVELAND PRODUCTS, INC. P.O. BOX 1286 GEELEY, CO 80632 |
| LSB INDUSTRIES 4000 N.W. 39TH OKLAHOMA CITY, OK 73112 | MACON TROUSDALE FARMERS 905 SCOTTSVILLE RD. LAFAYETTE, TN 37083 | MAGIC GREEN CORP. 4598 HWY. H SILEX, MO 63377 |
| MARSHALL COUNTY SOIL P.O. BOX 230 501 POPLAR BENTON, KY 42025 | MARTIN MARIETTA 195 CHESAPEAKE PARK PLAZA STE. 200 BALTIMORE, MD 21220-4201 | MARTIN MARIETTA 1800 E. LAKE ROAD MANISTEE, MI 49660 |
| MARTIN RESOURCES P.O. BOX 191 KILGORE, TX 75662 | MASTERBLEND INTERNATIONAL LLC P.O. BOX 365 ELWOOD, IL 60421 | MATHIS FARM SUPP. 5799 SHAW RD. MELBER, KY 42069 |
| MAUGET, J.J. CO., INC. 5435 PECK RD. ARCADIA, CA 91006-5847 | MAYFIELD GRAIN CO. P.O. BOX 950 MAYFIELD, KY 42066 | MAYFIELD GRAIN HWY 94 2559 STATE RT 94W WINGO, KY 42088 |
| MAYSLICK MILL 6538 US 68 MAYSLICK, KY 41055 | MCGREW FARM CENTER 708 MCGREW ROAD SMITHLAND, KY 42081 | MEIJER (GRAND) 2929 WALKER NW GRAND RAPIDS, MI 49544 |
| MFA, INC. 201 RAY YOUNG DR. COLUMBIA, MO 65201-3599 | MFS ALLIANCE INC P.O. BOX 179 EDMONTON, KY 42129 | MGS HORTICULTURAL 50 HAZELTON LEAMINGTON, ON N8H 3W1 |
| MICHIGAN BULB CO. AND AFFILIATES 110 W ELM STREET TIPP CITY, OH 45371-1655 | MICHIGAN PEAT CO. P.O. BOX 980129 HOUSTON, TX 77098-0129 | MIDWEST AGRI-CHEMICO INC. P.O. BOX 1717 4868 NASH CAPE GIRARDEAU, MO 63702 |

TABLE 3 (Continued)

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| MILES FARM CENTER (CYN) 430 N MAIN STRET P. O. BOX 310 CYNTHIANA, KY 41031 | MILES FARM CENTER (EKR) P.O. BOX 10 EKRON, KY 40117 | MILES FARM CENTER (LEB) P.O. BOX 493 LEBANON, KY 40033 |
| MILES FARM CENTER (SAC) P.O. BOX 229 SACRAMENTO, KY 42372 | MILES FARM CENTER (SHEL) P.O. BOX 488 SHELBYVILLE, KY 40065 | MILES FARM SUPPLY (OWEN) P.O. BOX 22879 OWENSBORO, KY 42301 |
| MILES FARM SUPPLY (UPT) P.O. BOX 108 UPTON, KY 42784 | MILES FARM-WHOLESALE FERT P.O. BOX 22879 OWENSBORO, KY 42304-2379 | MILES-GLENDALE FARM SVC. P.O. BOX 155 GLENDALE, KY 42740 |
| MILLER CHEMICAL & FERT. P.O. BOX 333 RADIO ROAD HANOVER, PA 17331 | MILLERS LAWN CARE 755 BUZZARD ROAST RD. SHELBYVILLE, KY 40065 | MILLERSBURG FERT. CO. P.O. BOX 284 MILLERSBURG, KY 40348 |
| MILORGANITE DIV. MMSD P.O. BOX 3049 MILWAUKEE, WI 53201-3049 | MINERAL PROCESSING 1855 CH 99 CAREY, OH 43316-3049 | MINERAL VISIONS 11833 RAVENNA ROAD CHARDON, OH 44024 |
| MIRACLE GRO LAWN PRODUCTS 14111 SCOTTS LAWN ROAD MARYSVILLE, OH 43041 | MISSISSIPPI PHOSPHATES CORP P.O. BOX 848 PASCAGOULA, MS 39568-0848 | MISSISSIPPI PHOSPHATES CORP. 100 WEBSTER CIR #2 YAZOO CITY, MS 39110 |
| MONTGOMERY CO-OP STATELINE 6002 1801 RANDOLPH BLVD CLARKSVILLE, TN 37040 | MONTYS PLANT FOOD 8903 NOTTINGHAM PKY. LOUISVILLE, KY 40222 | MONTYS PLANT FOOD P.O. BOX 22454 8903 NOTTINGHAM PKWY LOUISVILLE, KY 40222 |
| MORRAL CO. 132 POSTLE ST. P O BOX 26 MORRAL, OH 43337 | MOSAIC CROP NUTRITION, LLC 8813 HWY 41 S RIVERVIEW, FL 33569 | NA-CHURS/ALPINE SOLUTIONS 421 LEADER ST. MARION, OH 43302-9989 |
| NATURE'S PERFECT BLEND 1350 BLUEGRASS LAKES PKWY. ALPHARETTA, GA 30014 | NDS., INC. 21820 BURBANK BL. 200 WOODLAND HILLS, CA 91302 | NEW PLANT LIFE 345 E. HUPP ROAD LA PORTE, IN 46350 |
| NORTH COUNTRY ORGANICS PO BOX 372 BRADFORD, VT 05033 | NOVOZYMES BIOLOGICALS 3434 SOUTH 400 EAST ALBION, IN 46701 | NOVOZYMES, INC 5400 CORPORATE CIRCLE SALEM, VA 24153 |
| NU-GRO TECHNOLOGIES INC. P.O. BOX 290 DE WITT, MI 48820 | NULEX, INC 1919 GRAND AVE. SIOUX CITY, IA 51106 | NUTRA-FLO CO 1919 GRAND AVE. SIOUX CITY, IA 51107 |
| OCEAN CREST SEAFOODS, INC. 88 COMMERCIAL ST. GLOUCESTER, MA 01930 | OLDCASTLE STONE PRODUCTS HWY 58 PO BOX 610 CASTLEWOOD, VA 24224 | OLDCASTLE STONE PRODUCTS 8201 ARROWRIDGE BLVD. CHARLOTTE, NC 28273 |
| OLDCASTLE STONE PRODUCTS 800 UHLER RD EASTON, PA 18040 | OLDCASTLE STONE PRODUCTS 550 S. BIESECKER ROAD THOMASVILLE, PA 24224 | OLDFIELD, J.A. & SON 110 N. MILL ST. MIZE, KY 41352 |
| PADUCAH AG SERVICES 4955 NOBLE ROAD PADUCAH, KY 42001 | PARRISH SHOP/SALES 8834 LARUE RD. HENDERSON, KY 42420 | PAYGRO CO DIV OF GARICK 11000 HUNTINGTON RD. S. CHARLESTON, OH 45368 |
| PBI GORDON CORP 1217 W 12TH ST PO BOX 014090 KANSAS CITY, MO 64101 | PCS SALES (USA), INC. 1101 SKOKIE BLVD SUITE 400 NORTHBROOK, IL 60062 | PEATLAND GARDEN PRODUCT BLDG R-2-6 3999 E HUPP ROAD LAPORTE, IN 46350 |

TABLE 3 (Continued)

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| PENNINGTON SEED INC P.O. BOX 338 HWY 160 GREENFIELD, MO 65661 | PENNINGTON SEED INC. P.O. BOX 290 MADISON, GA 30650 | PENNYRILE AG OIL INC. 2260 PRINCETON RD. HOPKINSVILLE, KY 42240 |
| PETERS, J.R. 6656 GRANT WAY ALLENTOWN, PA 18106 | PHELPS DODGE SIERRITA, INC 6200 W. DUVAL MINE ROAD GREEN VALLEY, AZ 85614 | PHOSYN PLC MANOR PLACE, WELLINGTON RD THE INDUSTRIAL ESTATE, POCK. YORK, UK YO42 IDN |
| PIONEER SOUTHERN P O BOX 266 LANCASTER, NY 14086 | PLANT MARVEL LABS 371 E. 16TH ST. CHICAGO HEIGHTS, IL 60411 | PLANT PRODUCTS CO, LTD 314 ORENDA RD. BRAMPTON, CN L6T 1-G1 |
| PLANTABBS PRODUCTS P.O. BOX 165 HUNT VALLEY, MD 21030 | PLATTE CHEMICAL CO. 7251 W 4TH STREET GREELEY, CO 80634 | PLEASANT VIEW FARMS 446 SOUTH UNION ROAD AUBURN, KY 42206 |
| POLSON FARM SUPPLY 8202 SULPHUR WELL- KNOBLICK RD. KNOBLICK, KY 42154 | POORE, C D FERTILIZER 708 BURKESVILLE RD. ALBANY, KY 42602 | POTASH IMPORT & CHEMICAL CORP 201 E. 42ND ST., STE 1808 NEW YORK, NY 10017 |
| PQ CORP. P.O. BOX 840 VALLEY FORGE, PA 19482 | PRATHER WORM CASTINGS 582 GOODLET ROAD SALVISA, KY 40372 | PREMIUM WOOD AND GARDEN 345 E MAIN STREET STE. H JACKSON, OH 45640 |
| PRINZO, J.C. CONSULTING 6678 SPRINGDALE DR. MIDDLEBURG HEIGHTS, OH 44130 | PRO SOL P.O. BOX 1589 OZARK, AL 36361 | PROGRESSIVE TURF LLC 5350 BALL GROUND HYW BALL GROUND, GA 30107 |
| PURE BARNYARD, INC 199 CONSTITUTION AVE PORTSMOUTH, NH 03801 | PURSELL INDUSTRIES P.O. BOX 540 SYLACAUGA, AL 35150 | PURSELL TECHNOLOGIES PO BOX 1187 SYLACAUGA, AL 35150 |
| QUALITY BORATE COMPANY 3690 ORANGE PLACE STE 495 CLEVELAND, OH 44122 | RAINBOW TREECARE 2239 EDGEWOOD AVENUE MINNEAPOLIS, MN 55426 | RAINTREE SVC OF W KY 400 CENTER STREET P.O. BOX 51634 BOWLING GREEN, KY 42102 |
| RAINTREE SVC OF W KY DBA CHEMLAWN 633 N. 6TH ST. PADUCAH, KY 42001 | REGENERATED RESOURCES LLC PO BOX 561 PARIS, AR 01701 | REGISTRATIONS BY DESIGN 118 1/2 E. MAIN ST STE. 1 SALEM, VA 24153 |
| RENAISSANCE FERT, INC 2300 TOTEM TRAIL MINNETONKA, MN 55305 | RICH POND CROP SVC. 1753 RICHPOND RD. BOWLING GREEN, KY 42104 | RIPS FARM CENTER PO BOX 176 TOLLESBORO, KY 41189 |
| RIVER AG OF ILLINOIS INC. P.O. BOX 629 METROPOLIS, IL 62960 | RIVER BEND AG LLC P.O. BOX 126 NEW MADRID, MO 63869 | RIVER CITY LANDSCAPE SUPPLY 1 RIVERVIEW AVENUE SAUGET, IL 62201 |
| ROCKY MOUNTAIN BIO PRODUCTS 10801 E 54TH AVE DIV OF BOWMAN CONST DENVER, CO 80239 | ROD MCLELLAN COMPANY 14111 SCOTTSLAWN ROAD MARYSVILLE, OH 43041 | ROLF C HAGEN (USA) CORP 305 FORBES BLVD MANSFIELD, MA 02048 |
| ROOTBLAST INTERNATIONAL INC P.O. BOX 20109 CANTON, OH 44707 | ROYSTER CLARK (ADAIR) ADAIRVILLE, KY | ROYSTER CLARK (COLL) 6 EXECUTIVE DR. P. O. BOX 1986 COLLINSVILLE, IL 62234-1986 |
| ROYSTER CLARK (FANC) 10693 STATE RT. 121N FANCY FARM, KY 42039 | ROYSTER CLARK (FLO) P.O. BOX 158 FLORENCE, AL 35631 | ROYSTER CLARK (FRAN) P.O. BOX 401 211 COMMERCE STREET FRANKLIN, KY 42134 |

TABLE 3 (Continued)

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| ROYSER CLARK (GUTH) P.O. BOX 395 720 STATE STREET GUTHRIE, KY 42234 | ROYSER CLARK (HARD) 1266 BREWER HWY PO BOX 84 HARDIN, KY 42048 | ROYSER CLARK (MTCA) HWY. ONE SOUTH MT. CARMEL, IN 62863 |
| ROYSER CLARK (MURR) 204 W. RAILROAD AVE. MURRAY, KY 42071 | ROYSER CLARK (NORF) 999 WATERSIDE DRIVE STE. 800 NORFOLK, VA 23510 | ROYSER CLARK (SED) 1680 STATE RT 339E PO BOX 8 SEDALIA, KY 42079 |
| ROYSER CLARK (SPRI) BOX 38 CEDAR HILL, TN 37032 | ROYSER CLARK (SPRIN) 5081 HWY. 431-N SPRINGFIELD, TN 37172 | ROYSER CLARK (TARB) 495 W ST. JAMES STREET TARBORO, NC 27886 |
| ROYSER CLARK (UNION) P.O. BOX 40 530 N 5TH STREET UNION CITY, TN 38261 | ROYSER CLARK (UTICA) P.O. BOX 128 HWY 431 S UTICA, KY 42376 | ROYSER CLARK (WASH) 717 ROBINSON RD. WASHINGTON CH, OH 43160 |
| ROYSER CLARK (WINS) P.O. BOX 4429 WINSTON-SALEM, NC 27115-4429 | ROYSER CLARK (WISC) P.O. BOX 7667 MADISON, WI 53714 | ROYSER CLARK (WYNN) P.O. BOX 117 HWY 78 S WYNNBURG, TN 38077 |
| RUDOLPH FARM SUPPLY, INC 521 E. MAIN ST. SALEM, KY 42078 | RUSSELLVILLE CROP SERVICE P.O. BOX 8 MORGANTOWN ROAD RUSSELLVILLE, KY 42276-0008 | SCHOCHOH CROP 5240 HALL STORE RD. RUSSELLVILLE, KY 42276 |
| SCHULTZ CO. 13260 CORP. EXCHANGE DR. BRIDGETON, MO 63044 | SCOTT FARMERS CO-OP P.O. BOX 4816 ONEIDA, TN 37841 | SCOTT G. WILLIAMS, LLC 211 GENERAL ARTS ROAD CONYERS, GA 30012 |
| SCOTTS MIRACLE-GRO PRODUCTS, INC 14111 SCOTTSLAWN ROAD MARYSVILLE, OH 43041 | SCOTTS SIERRA 14111 SCOTTSLAWN RD. MARYSVILLE, OH 43041 | SEACHEM LABORATORIES 1000 SEACHEM DR. MADISON, GA 30650 |
| SECURITY SEED/CHEMICAL 5217 GUTHRIE HWY CLARKSVILLE, TN 37040 | SHELLEY, W.H. 3352 COLFAX ROAD HILLSBORO, KY 41049 | SIERRA ORGANICS BOX 31750 STOCKTON, CA 95213 |
| SNIP STICK 'N GRO, LLC P.O. BOX 249 FALLBROOK, CA 92088 | SOUTH CENTRAL FARM SUPPLY, INC. 701 E. MAIN ST. GAMALIEL, KY 42140 | SOUTHEASTERN POND MGT 2469 HIGHWAY 31 CALERA, AL 35040 |
| SOUTHERN EXCELLENCE 224 E PEARL ST. JACKSON, AL 36545 | SOUTHERN FS, INC PO BOX 728 MARION, IL 62959 | SOUTHWEST LANDMARK 5867 DAY HILL ROAD GEORGETOWN, OH 45121 |
| SOUTHWEST LANDMARK P.O. BOX 189 XENIA, OH 45385 | SOUTHWEST LANDMARK, INC 818 S US RT 42 LEBANON, OH 45036-0117 | SPECTRUM GROUP 2150 SCHUETZ ROAD POB 142642 ST. LOUIS, MO 63146-3538 |
| SPEED AG SERVICE 345 ST. RT. 166W HICKMAN, KY 42050 | SPEEDLING P.O. BOX 307 BUSHNELL, FL 33513 | SQM NORTHAMERICA 3101 TOWERCREEK PKWY. STE. 450 ATLANTA, GA 30339 |
| SS (BARD) BARDSTOWN SVC 403 CATHEDRAL MANOR BARDSTOWN, KY 40004 | SS (BOWL) BOWLING GREEN COOP 640 PLUM SPRINGS BOWLING GREEN, KY 42101 | SS (BRIS) COOP INC. 136 BAKERY ROAD BRISTOL, VA 24201 |
| SS (CADD) CADIZ BR 2829 HOPKINSVILLE RD. CADIZ, KY 42211 | SS (CALH) CALHOUN 1432 KY 136-E CALHOUN, KY 42327 | SS (CAMP) CAMPBELLSVILLE 1720 E. BROADWAY CAMPBELLSVILLE, KY 42718 |

TABLE 3 (Continued)

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| SS (CAMP) KNTCKANA SVC CMPBLL BR 7432 CARROLLTON RD. CAMPBELLSBURG, KY 40011 | 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 CYNTHIANA, KY 41031 | SS (DANV) COOP BOYLE BR 1244 LEBANON RD. DANVILLE, KY 40422 |
| SS (ELIZ) HARDIN COOP, INC 402 S. MULBERRY ST. ELIZABETHTOWN, KY 42701 | SS (ELKT) RUSS.-TODD BRANCH P.O. BOX 278 606 W MAIN STREET ELKTON, KY 42220 | SS (EMIN) INC KNTCKANA SVC-HENRY BR 760 ELM ST. EMINENCE, KY 40019-9801 |
| SS (FLEM) FLEMINGSBURG 658 WEST WATER FLEMINGSBURG, KY 41041 | SS (FRAN) ANDRSN FRNKLN-FRNKFRT SVC 1211 WILKINSON BLVD. FRANKFORT, KY 40601 | SS (FRAN) SIMPSON COOP 301 FINN ST. FRANKLIN, KY 42134 |
| SS (GEOR) GEORGETOWN COOP 1141 PARIS RD. GEORGETOWN, KY 40324 | SS (GLAS) GLASGOW COOP 300 SAMSON ST. GLASGOW, KY 42141 | SS (GREE) GREENVILLE KY SVC 212 W. DEPOT ST. GREENVILLE, KY 42345 |
| SS (HARD) BRECK COOP 122 OLD HWY. 60 ROUTE 4 BOX 122 HARDINSBURG, KY 40143 | SS (HARR) CNTRL KY SVC 1027 N. COLLEGE HARRODSBURG, KY 40330 | SS (HEND) HENDERSON COOP 5290 HWY 425 BYPASS HENDERSON, KY 42420 |
| SS (HODG) HARDIN COOP HODG BR SVC 310 W. WATER ST. HODGENVILLE, KY 42748 | SS (HOPK) HOPKINSVILLE COOP 501 E. 13TH ST. HOPKINSVILLE, KY 42240 | SS (HORS) HORSE CAVE COOP 1104 S. DIXIE ST. HORSE CAVE, KY 42749 |
| SS (LAGR) KY SVC BR-LAGRANGE BR 112 S. FIRST ST. LAGRANGE, KY 40031 | SS (LAWR) ANDERSON FRANKLIN SVC BR 1241 GLENSBORO RD. LAWRENCEBURG, KY 40342 | SS (LEBA) LEBANON SVC 215 DEPOT ST. LEBANON, KY 40033 |
| SS (LEIT) LEITCHFIELD COOP 118 W. WHITE OAK ST. PO BOX 383 LEITCHFIELD, KY 42754 | SS (LEXI) LEXINGTON COOP 949 PINE ST. LEXINGTON, KY 40508 | SS (LIBE) LIBERTY SVC HC 65, BOX 155 225 S WALLACE WILKINSON BLVD LIBERTY, KY 42539 |
| SS (LOND) LONDON COOP 1208 BARBOURVILLE STREET LONDON, KY 40741 | SS (MADI) MADISONVILLE COOP 1001 PRIDE AVE. MADISONVILLE, KY 42431 | SS (MADIS) SEBRE BR 1001 PRIDE AVENUE MADISONVILLE, KY 42431-1298 |
| SS (MAYS) MAYSVILLE COOP 1325 CLYDE BARBOUR HWY PO BOX 668 MAYSVILLE, KY 41056-0668 | SS (MORG) MORGANFIELD COOP 304 N. TOWNSEND ST. MORGANFIELD, KY 42437 | SS (MURR) CALLOWAY SVC P.O. BOX 750 MURRAY, KY 42071 |
| SS (NICH) NICHOLASVILLE SVC 309 N THIRD STREET NICHOLASVILLE, KY 40356 | SS (OWEN) COOP OWENSBORO 800 CRABTREE AVE. OWENSBORO, KY 42301 | SS (OWEN) OWENTON COOP, INC 355 N. MAIN ST. OWENTON, KY 40359 |
| SS (OWIN) OWINGSVILLE SVC P.O. BOX 557 409 BROOKS AVENUE OWINGSVILLE, KY 40360 | SS (RICH) COOP INC FERT DIV P.O. BOX 26234 6606 W. BROAD STREET RICHMOND, VA 23260 | SS (RICH) INC CROPS FARM P.O. BOX 26234 6606 W. BROAD ST. RICHMOND, VA 23260 |
| SS (RICH) RICHMOND SVC P.O. BOX 916 RICHMOND, KY 40475 | SS (RUSS) COOP, INC. P.O. BOX 600 US 68E, BOWLING GREEN ROAD RUSSELLVILLE, KY 42276 | SS (RUSS) RUSSELLVILLE COOP 209 N. BETHEL ST. PO BOX 480 RUSSELLVILLE, KY 42276 |
| SS (SHEL) SHELBYVILLE COOP 623 S. 7TH ST. PO BOX 39 SHELBYVILLE, KY 40065 | SS (SOME) SOMERSET COOP 941 N. HWY. 27 SOMERSET, KY 42501 | SS (SPRI) LEBANON-SPRINGFIELD BR 1752 BARDSTOWN RD. SPRINGFIELD, KY 40069 |

TABLE 3 (Continued)

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| SS (STAN) STANFORD SVC 925 HWY 150 E STANFORD, KY 40484 | SS (WARS) GALLATIN SVC PO BOX 408 WARSAW, KY 41095 | SS (WINC) CLARK COOP 21 PENDLETON ST. WINCHESTER, KY 40391 |
| SS (WINC) COOP, INC. P.O. BOX 516 MAGNOLIA ROAD WINCHESTER, KY 40391 | STANLEY AG SERVICE LLC P.O. BOX 37 STANLEY, KY 42375 | STEPHEN FOLLETT CO, INC 4697 COUNTY RD. I STURGEON BAY, WI 54235 |
| STOLLER ENTERPRISES, INC 4001 W. SAM HOUSTON PKWY STE. 100 HOUSTON, TX 77043-1226 | STRONG PLANT PO BOX 2257 HEREFORD, TX 79045 | SUMMERS ORGANIZATION LLC 345 E MAIN STREET, STE H JACKSON, OH 45640 |
| SUMMIT RESPONSIBLE SOLUTIONS 235 S KRESSON ST. BALTIMORE, MD 21117 | SUN BULB COMPANY, INC. P.O. DRAWER 698 ARCADIA, FL 34265 | SUN GRO HORTICULTURE DISTRIBUTING 15831 NE 8TH STREET SUITE 100 BELLVUE, WA 98008 |
| SUSTANE/NATURAL FERTILIZER P.O. BOX 19 310 HOLIDAY AVE CANNON FALLS, MN 55009 | SWISS FARMS PRODUCTS, INC. 3773 HOWARD HUGHES PKWY. STE. 300-N LAS VEGAS, NV 89109 | T AND N, INC P O BOX 240 815 HWY T FORISTELL, MO 63348 |
| T-TECH COMPANY P.O. BOX 190 HUMBOLDT, TN 38343 | TAYLOR, G.M. SEED CO. 618 MILITARY ST. GEORGETOWN, KY 40324 | TENNESSEE FARMERS COOP 200 WALDRON RD. PO BOX 3003 LAVERGNE, TN 37086 |
| TERRA NITROGEN CORP. PO BOX 6000 SIOUX CITY, IA 51102 | TERRA RENEWAL SERV. PO BOX 150 DARDANELLE, AR 72834 | TERRACYCLE INC 121 NEW YORK AVENUE TRENTON, NJ 08638-5201 |
| TESSENDERLO KERLEY 2255 N. 44TH ST. STE. 300 PHOENIX, AZ 85008 | TETRA MICRONUTRIENTS 230 SPRING HILL DR, STE. 310 THE WOODLANNS, TX 77386 | TETRA SALES, USA 3001 COMMERCE ST. BLACKSBURG, VA 24060 |
| THE ANDERSONS 2345 SOUTH 400 EAST LOGANSPOUT, IN 46947 | THE ANDERSONS LAWN FERT DIV P.O. BOX 119 MAUMEE, OH 43537 | THE DOGGETT CORP. 30 CHERRY ST. LEBANON, NJ 08833 |
| THE FERTRELL COMPANY P.O. BOX 265 BAINBRIDGE, PA 17502 | THE ORTHO GROUP P.O. BOX 190 MARYSVILLE, OH 43041 | THE SANCTUARY P.O. BOX 656 WINTER PARK, CO 80482 |
| THE SCOTTS CO. 14111 SCOTTS LAWN RD. MARYSVILLE, OH 43041 | THE WONDER COMPANY 665 VERNON AVENUE NASHVILLE, TN 37209 | THOMAS CAYCE FARM SUPP. 3069 HWY. 1272 PRINCETON, KY 42445 |
| TIGER-SUL PRODUCTS, LLC P.O. BOX 5 ATMORE, AL 36504 | TOTAL TURF PO BOX 400 NORWAY, SC 29113 | TOTAL TURF CONSULTING LLC 220-A N PINE ST. #116 CHARLOTTE, NC 28202 |
| TRACE CHEM INC. 839 BRENKMAN DR. PEKIN, IL 61554-1522 | TRAYLOR CHEMICAL/SUPP. 1911 TRAYLOR BLVD. P.O. BOX 547937 ORLANDO, FL 32854-7937 | TRAYLOR CHEMICAL/SUPP. P.O. BOX 249 126 MARKET STREET ROYAL CENTER, IN 46978 |
| TRI COUNTY FERT. 124 S. ESTILL AVE. RICHMOND, KY 40475-2014 | TRI-COUNTY FERTILIZER P.O. BOX 147 HONEA PATH, SC 29654 | TRIMBLE CO FARM 11300 HWY. 421-N MILTON, KY 40045 |
| TRUGREEN CHEMLAWN (DELA) 5550 BLAZER PARKWAY STE. 125 DUBLIN, OH 43017 | TRUGREEN CHEMLAWN (EVAN) P.O. BOX 5679 EVANSVILLE, IN 47716-5679 | TRUGREEN CHEMLAWN (FLOR) P.O. BOX 488 FLORENCE, KY 41022-0488 |

TABLE 3 (Continued)

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| TRUGREEN CHEMLAWN (LEX) 575 HORTON CT. 2264 DANFORTH DRIVE LEXINGTON, KY 40511 | TRUGREEN CHEMLAWN (LOUIS) 13135 MIDDLETOWN IND., BLVD. LOUISVILLE, KY 40223 | TRUGREEN CHEMLAWN (SCOTT) 109 ERSKIN LN. PO BOX 396 SCOTT DEPOT, WV 25560 |
| TRUSERV CORP. 8600 W. BRYN MAWR AVE. CHICAGO, IL 60631 | TURF CARE SUPPLY CORP. 50 PEARL RD. UNIT 200 BRUNSWICK, OH 44212 | TURFGRASS, INC. 8045 D. DIXIE HWY. FLORENCE, KY 41022-0637 |
| TURFGRASS, INC. 28064 PONTIAC TRAIL SOUTH LYON, MI 48178 | TWO RIVERS, INC 7158 STREET ROUTE 70E DRAKESBORO, KY 42337 | U.S. AG ASSOCIATES, INC. PO BOX 19663 HOUSTON, TX 77224 |
| U.S. BORAX INC. 26877 TOURNEY RD. VALENCIA, CA 91355 | UAP DISTRIBUTION, INC P.O. BOX 1286 GREELEY, CO 80632 | UAP MIDSOUTH 57 GERMANTOWN COURT SUITE 200 CORDOVA, TN 38118-2227 |
| UF GRANULAR FERTILIZERS 132 POSTAL RD MORRAL, OH 43337 | UNCO INDUSTRIES INC. 7802 OLD SPRING RACINE, WI 53406 | UNITED HORTICULTURAL SUPPLY P O BOX 275 MULBERRY, FL 33860 |
| UNITED HORTICULTURE SUPPLY P.O. BOX 1286 GREELEY, CO 80632 | UNITED INDUSTRIES P.O. BOX 142642 ST. LOUIS, MO 63114 | UNITED SUPPLIERS P.O. BOX 538 ELDORA, IA 50627 |
| UNIVERSAL COOP INC. 1300 CORPORATE CENTER CURVE EAGAN, MN 55121-1233 | VALLEY FARM CTR INC. 1314 N. MAIN ST. MONTICELLO, KY 42633 | VALLEY FERTILIZER SVC. P.O. BOX 180 EDMONTON, KY 42129 |
| VERDANT BRANDS, INC. 9100 W BLOOMINGTON Fwy STE 113 BLOOMINGTON, MN 55431-2263 | VERDICON, INC P.O. BOX 1286 GREELEY, CO 80632-1286 | VOLUNTARY PURCHASING P.O. BOX 460 BONHAM, TX 75418 |
| WAGNER SEED & FERTILIZER 10677 OLD BOONEVILLE HW CHANDLER, IN 47610 | WARNER FERT CO. (ALBA) RT 2, 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 117 EAST BERNSTADT, KY 40729 | WARNER FERT CO. (LIBE) P.O. BOX 1100 LIBERTY, KY 42539 |
| WARNER FERT CO. (MONT) P.O. BOX 117 MONTICELLO, KY 42633 | WARNER FERT CO. (NAN) P.O. BOX 108 NANCY, KY 42544 | WARNER FERT CO. (RUSS) P.O. BOX 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 | WAUPACA MATERIALS 832 ROTH STREET SIKESTON, MO 63801 | WAUPACA NORTHWOODS, LLC P.O. BOX 569 WAUPACA, WI 54981-0569 |
| WILSON FARM SUPPLY, INC 4919 S. HWY. 837 NANCY, KY 42544 | WILSON LABORATORIES 5300 HARVESTOR RD. BURLINGTON, ONTARIO, CN L7L 5N5 | WINSTON COMPANY 7704 E 38TH STREET TULSA, OK 74145 |
| WINSTON WEAVER CO, INC P.O. BOX 17366 WINSTON-SALEM, NC 27116-7366 | WOLF TRAX 800 - ONE RESEARCH RD. WINNIPEG, CN R3T 6E3 | WOODFORD FEED CO. P.O. BOX 116 498 LEXINGTON ROAD VERSAILLES, KY 40383 |

TABLE 3 (Continued)

WOODSTREAM CORP
69 NORTH LOCUS ST
LITITZ, PA 17543

YARA NORTH AMERICA
100 N. TAMPA ST, STE 3200
TAMPA, FL 33602

ZAHIGIAN, LYNNE REG. CONSULTING
P.O. BOX 1566
FALLON, NV 89407-1566