

# Annual Report

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# Analyses of Official Fertilizer Samples

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July 2016 – June 2017



Division of Regulatory Services  
Lexington, Kentucky 40546-0275  
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This report was compiled and prepared by Stephen McMurry with the assistance of the Inspection, Laboratory, and Administrative Staffs.

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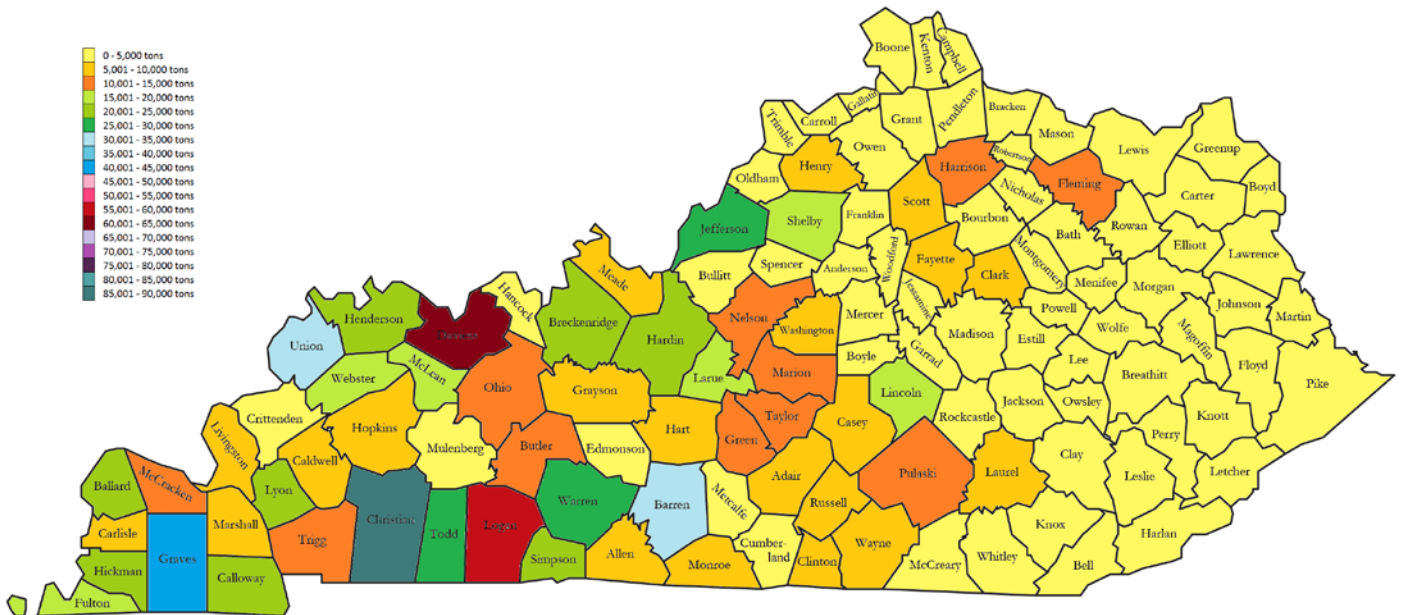
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## INTRODUCTION

This bulletin presents the results of the analysis of 2,623 official samples of commercial fertilizer taken during the period of July 1, 2016 through June 30, 2017 by the field inspection staff. The samples represented approximately 55,241 tons of fertilizer out of the approximately 1,046,305 tons sold during this period. The Laboratory made 2,237 nitrogen, 1,797 phosphorus, 1,938 potassium, and 982 secondary and minor element and certain other analyses on these samples. Table 1 shows the manufacturers whose product the field inspection staff sampled, along with the number of samples taken and the percentage of those samples that passed. Table 2 shows the detailed N, P<sub>2</sub>O<sub>5</sub>, and K<sub>2</sub>O analyses of samples of mixed fertilizers and fertilizer materials. Table 3 contains the results of secondary and minor element and certain other analyses. Table 4 is a listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of June 30, 2017.

**Distribution of Fertilizer Tonnage in Kentucky  
July 2016 – June 2017**



**Commercial Fertilizer Values for Calendar Years**

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	2016	2017
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$9.74	\$8.33
Avail. Phosphate (P <sub>2</sub> O <sub>5</sub> )	\$8.11	\$7.09
Soluble Potash (K <sub>2</sub> O)		
Tobacco (Low CL)	\$16.17	\$14.48
Non-Tobacco	\$6.83	\$5.29
Calcium (Ca)	\$7.03	\$6.76
Magnesium	\$30.09	\$25.65
Sulfur (S)	\$8.89	\$9.50
Boron (B)	\$127.00	\$119.68
Copper (Cu)	\$133.71	\$141.43
Iron (Fe)	\$16.50	\$16.50
Manganese (Mn)	\$31.43	\$35.71
Molybdenum (Mo)	\$20.20	\$20.20
Zinc (Zn)	\$56.19	\$50.74

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.

### Total Fertilizer Summary

Division of Regulatory Services  
July 2016 through June 2017

	Total	Container			Use	
		Bagged	Bulk	Liquid	Farm	Non-Farm
Multi-Nutrient	373,755.93	57,076.89	294,933.60	21,745.44	332,680.66	41,075.27
Nitrogen	401,901.51	12,248.13	144,016.09	245,637.29	399,724.65	2,176.87
Phosphate	2,410.10	302.26	2,055.79	52.05	2,407.85	2.26
Potash	220,556.56	1,504.85	217,934.52	1,117.18	219,239.66	1,316.90
Organics	555.08	349.40	198.30	7.38	269.10	285.98
Sec/Micro	25,161.43	3,160.04	21,471.99	529.41	23,450.54	1,710.89
Miscellaneous	2.84	2.84	0.00	0.00	2.84	0.00
Total	21,961.85	2,658.29	17,234.18	2,069.38	20,404.53	1,557.32
	1,046,305.30	77,302.71	697,844.46	271,158.13	998,179.84	48,125.47

Percentage by container:

Bagged	7.38%
Bulk	66.70%
Liquid	25.92%

Percentage by use:

Farm	95.4%
Non-Farm	4.6%





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## Table 1 Standing of Manufacturers



**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Advanced Micronutrient Products - Reese, MI	5	5	100%
Advanced Turf Solutions - Fishers - Fishers, IN	3	3	100%
Ag Distributors Inc - Nashville, TN	7	6	86%
Ag Elements - Wolfforth, TX	1	1	100%
Agri-Chem - Bardwell - Bardwell, KY	1	1	100%
Agri-Chem - Clinton - Clinton, KY	10	8	80%
Agri-Chem - Hopkinsville - Hopkinsville, KY	13	12	92%
AgriGro Farm Center, Inc. - Hartford, KY	15	15	100%
Agriport Terminal - Eddyville, KY	62	62	100%
Agrium U.S. Inc. - Loveland, CO	4	3	75%
Agro Culture Liquid Fertilizer - St. Johns, MI	19	17	89%
Allen County Farmers Service, Inc. - Scottsville, KY	10	10	100%
Anderson County Farm Service, Inc. - Lawrencebur	3	3	100%
Archer Daniels Midland - Minneapolis, MN	1	1	100%
Ball DPF LLC - Sherman, TX	2	2	100%
Ballard County Coop., Inc. - La Center, KY	10	10	100%
Bandana Ag, Inc. - La Center, KY	17	17	100%
Bickett Ag - Morganfield - Morganfield, KY	5	4	80%
Black Gold Compost - Oxford, FL	1	1	100%
Bluegrass Seed & Fertilizer, Inc. - Bardstown, KY	10	10	100%
Borates Plus Inc - Apopka, FL	1	1	100%
Bridgewell Agribusiness LLC - Clackamas, OR	1	1	100%
C.D. Poore Fertilizer - Albany, KY	17	11	65%
Calhoun Feed Service LLC - Madisonville, KY	3	3	100%
Cameron Chemicals Inc - Virginia Beach, VA	9	7	78%
Central Crop Care - Crab Orchard, KY	18	17	94%
Central Farmers Supply, Inc. - Greensburg, KY	10	9	90%
Central Garden & Pet Garden Division - Atlanta, G	2	1	50%
CF Industries Nitrogen LLC - Deerfield, IL	1	1	100%
CGB Fertilizer - Jeffersonville, IN	14	14	100%
Chem One LTD - Houston, TX	1	1	100%
CHS Crop Nutrients - St. Paul, MN	17	17	100%
CHS Crop Nutrients - Melbourne - Melbourne, KY	3	3	100%
CHS Crop Nutrients - Owensboro - Owensboro, KY	2	2	100%
Clark's Grocery Feed & Seed - Rockholds, KY	2	2	100%
Clements Ag Supply - Springfield, KY	14	10	71%
CNI Agriminerals, LLC - Albany, GA	1	1	100%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Compass Minerals USA Inc - Overland Park, KS	3	3	100%
CPS - Beaver Dam - Beaver Dam, KY	10	10	100%
CPS - Campbellsville - Campbellsville, KY	12	10	83%
CPS - Cecilia - Cecilia, KY	10	10	100%
CPS - Clarkson - Clarkson, KY	10	10	100%
CPS - Clay - Clay, KY	10	5	50%
CPS - Ekron - Ekron, KY	10	10	100%
CPS - Fancy Farm - Fancy Farm, KY	10	10	100%
CPS - Glendale - Glendale, KY	11	8	73%
CPS - Greeley - Greeley, CO	154	149	97%
CPS - Hardin - Hardin, KY	10	10	100%
CPS - Henderson - Henderson, KY	10	9	90%
CPS - Hodgenville - Hodgenville, KY	10	9	90%
CPS - Horse Cave - Horse Cave, KY	9	7	78%
CPS - Kevil - Kevil, KY	6	6	100%
CPS - Lebanon - Lebanon, KY	10	9	90%
CPS - Morganfield - Morganfield, KY	12	9	75%
CPS - Owensboro - Owensboro, KY	2	2	100%
CPS - Pembroke - Pembroke, KY	10	9	90%
CPS - Riverport - Owensboro, KY	12	12	100%
CPS - Russellville - Russellville, KY	1	0	0%
CPS - Russellville - Russellville, KY	10	7	70%
CPS - Sacramento - Sacramento, KY	12	12	100%
CPS - Sedalia - Sedalia, KY	10	10	100%
CPS - Shelbyville - Shelbyville, KY	11	10	91%
CPS - Upton - Upton, KY	11	11	100%
CPS - Waverly - Waverly, KY	10	10	100%
Darling Ingredients Inc - Cold Spring, KY	4	1	25%
Darling Ingredients Inc - Irving, TX	18	9	50%
Dr. Earth Inc - Winters, CA	6	5	83%
Drake's Farm Service, Inc. - Morgantown, KY	10	10	100%
Easy Gardener - Waco, TX	17	13	76%
Eau Claire CO-OP Oil Company - Eau Claire, WI	4	4	100%
EcoScraps - Marysville, OH	6	5	83%
Espoma Company - Millville, NJ	4	3	75%
Farm Ag Sales, LLC dba C & F Farm Supply - Hisevill	10	9	90%
Farmers Fertilizer - Bowling Green - Bowling Gree	10	6	60%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Farmers Fertilizer - Bowling Green - Bowling Gree	10	9	90%
Farmers Fertilizer - Smiths Grove - Smiths Grove, K	10	7	70%
Fleming County Farm Supply - Flemingsburg, KY	31	30	97%
Gaskins Fertilizer - Russell Springs, KY	13	13	100%
GAVILON FERTILIZER INC - E. PEORIA, IL	8	8	100%
Green River Feed Mill, Inc. - Morgantown, KY	10	7	70%
GreenPoint Ag, LLC - Hardinsburg, KY	19	19	100%
Greenrite AG Supply - Shelbyville, KY	7	7	100%
Gro Tec Inc - Madison, GA	33	25	76%
Growmark Inc - Bloomington, IL	2	2	100%
Hancock County Farm Supply, Inc. - Hawesville, KY	17	16	94%
Helena Chemical Company - Collierville - Colliervill	16	15	94%
Helena Chemical Company - Hazel - Hazel, KY	10	10	100%
Helena Chemical Company - Hickman - Hickman, K	9	8	89%
Helena Chemical Company - Russellville - Russellvi	1	1	100%
Henry Farmers Cooperative - Murray - Murray, KY	12	11	92%
Henry Farmers Cooperative - Paris - Paris, TN	19	19	100%
Henry Farmers Cooperative - Salem - Salem, KY	8	8	100%
Hilander Feed Company - Georgetown, KY	2	2	100%
Hinton Mills at Cynthiana - Cynthiana, KY	14	12	86%
Innvictis Crop Care LLC - Loveland, CO	3	3	100%
International Mulch Company, Inc. - Des Peres, M	1	0	0%
J. A. Oldfield & Son, Inc. - Mize, KY	24	24	100%
Janes Fertilizer & Farm Supply - Columbia, KY	16	15	94%
Kee's Farm Service & Supply, LLC. - Grayson, KY	13	13	100%
Ken's Value Center - Berry, KY	1	1	100%
Kentucky Fertilizer - Winchester - Winchester, KY	48	35	73%
Kentucky Fertilizer LLC - Louisville, KY	2	2	100%
Knox Fertilizer Company Inc - Knox, IN	9	8	89%
Lake Cumberland Farmers Coop. - Monticello, KY	1	1	100%
Lebanon Seaboard Corporation - Lebanon, PA	1	0	0%
Lesco Inc. - Cleveland, OH	3	3	100%
Lilly Miller Brands - Atlanta - Atlanta, GA	3	3	100%
Loveland Products, Inc. - Greeley, CO	3	3	100%
Marshall County Coop - Benton, KY	5	3	60%
Martin Marietta - Manistee - Manistee, MI	1	1	100%
Martin Operating Partnership LP - Kilgore, TX	2	2	100%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Mays Lick Mill - Mayslick, KY	10	10	100%
Mid States Ag Sales LLC - Lavergne, TN	8	8	100%
Milwaukee Metro Sewerage District - Milwaukee,	1	1	100%
Miracle-Gro Lawn Products, Inc. - Marysville, OH	5	3	60%
Mosaic Global Sales, LLC. - Lithia, FL	1	1	100%
Nutrients Plus LLC - Virginia Beach, VA	1	1	100%
Organic Laboratories Inc - Fort Pierce, FL	1	0	0%
Otis Bryant & Son, Inc. - Caneyville, KY	10	9	90%
Paducah-McCracken Riverport Authority - Paduca	6	5	83%
Parrish Shop & Sales, LLC - Henderson, KY	2	2	100%
Pearl Valley Farms dba Pearl Valley Organix - Pearl	2	0	0%
Perdue AgriBusiness LLC - Seaford, DE	1	1	100%
Pinnacle Ag - Franklin - Franklin, KY	10	9	90%
Pinnacle Ag - Fancy Farm - Fancy Farm, KY	10	7	70%
Pinnacle Ag - Glasgow - Glasgow, KY	10	10	100%
Pinnacle Ag - Hartford - Hartford, KY	10	9	90%
Pinnacle Ag - Melber - Melber, KY	9	8	89%
Pinnacle Ag - Russellville - Russellville, KY	10	9	90%
Pinnacle Ag - Wingo - Wingo, KY	10	10	100%
Pinnacle Agriculture - Memphis, TN	48	48	100%
Pleasant View Agri-Service - Auburn, KY	5	5	100%
Pro Ag Sales & Service - Danville - Danville, KY	25	18	72%
Pro Solutions - Crofton - Crofton, KY	11	11	100%
Pro Solutions - Springfield - Springfield, TN	13	13	100%
Reliance Ag - Russellville - Russellville, KY	10	9	90%
Reliance Ag - Trenton - Trenton, KY	10	8	80%
Rip's Farm Center - Tollesboro - Tollesboro, KY	17	16	94%
Rod McLellan Company - Oregon - Independence,	1	0	0%
Rogers Fertilizer & Services LLC - Lebanon, KY	16	16	100%
Rootblast International INC - Canton, OH	1	0	0%
Scotts Miracle-Gro Products Inc - Marysville, OH	1	1	100%
Security Seed - Clarksville - Clarksville, TN	8	8	100%
Security Seed and Chemical - Henderson, KY	1	1	100%
Seventy Feeds LLC - Eubank, KY	5	5	100%
South Central Farm Supply - Gamaliel, KY	10	10	100%
Southern FS, INC - Marion, IL	4	4	100%
Southern States - Bowling Green - Bowling Green,	11	10	91%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Southern States - Cadiz - Cadiz, KY	9	9	100%
Southern States - Calhoun - Calhoun, KY	10	9	90%
Southern States - Campbellsville - Campbellsville,	15	14	93%
Southern States - Carlisle - Carlisle, KY	3	3	100%
Southern States - Cynthiana - Cynthiana, KY	11	11	100%
Southern States - Elizabethtown - Elizabethtown,	10	9	90%
Southern States - Elkton - Elkton, KY	10	10	100%
Southern States - Eminence - Eminence, KY	11	10	91%
Southern States - Flemingsburg - Flemingsburg, KY	12	12	100%
Southern States - Franklin - Franklin, KY	10	10	100%
Southern States - Georgetown - Georgetown, KY	10	10	100%
Southern States - Glasgow - Glasgow, KY	10	10	100%
Southern States - Hardinsburg - Hardinsburg, KY	10	10	100%
Southern States - Harrodsburg - Harrodsburg, KY	10	9	90%
Southern States - Henderson - Henderson, KY	10	10	100%
Southern States - Hodgenville - Hodgenville, KY	10	10	100%
Southern States - Hopkinsville - Hopkinsville, KY	11	9	82%
Southern States - Horse Cave - Horse Cave, KY	10	9	90%
Southern States - Liberty - Liberty, KY	10	10	100%
Southern States - London - London, KY	17	17	100%
Southern States - Maysville - Maysville, KY	15	11	73%
Southern States - Morganfield - Morganfield, KY	10	10	100%
Southern States - Nicholasville - Nicholasville, KY	2	2	100%
Southern States - Owensboro - Owensboro, KY	12	9	75%
Southern States - Owenton - Owenton, KY	12	9	75%
Southern States - Owingsville - Owingsville, KY	12	11	92%
Southern States - Richmond - Richmond, KY	7	6	86%
Southern States - Richmond VA - Richmond, VA	357	350	98%
Southern States - Russellville - Russellville, KY	10	10	100%
Southern States - Russellville Fertilizer Plant - Russ	1	1	100%
Southern States - Sebree - Sebree, KY	1	1	100%
Southern States - Shelbyville - Shelbyville, KY	11	11	100%
Southern States - Somerset - Somerset, KY	10	10	100%
Southern States - Springfield - Springfield, KY	12	12	100%
Southern States - Stanford - Stanford, KY	11	11	100%
Southern States - Warsaw - Shelbyville, KY	10	9	90%
Southern States - Winchester - Winchester, KY	2	2	100%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Southern States Winchester Fertilizer Plant - Winc	43	37	86%
Spectrum Group - St. Louis, MO	1	1	100%
Speed Ag Service, LLC - Hickman, KY	20	20	100%
SQM North America Corp - Atlanta, GA	1	1	100%
Stanley Crop Service - Owensboro, KY	21	21	100%
SUL4R Plus, LLC - Louisville, KY	12	11	92%
Sun Bulb Company, INC. - Arcadia, FL	1	1	100%
Swiss Farms Products - Las Vegas, NV	10	8	80%
T and N Inc - Foristell, MO	3	2	67%
Tennessee Farmers Coop - Lavergne - LaVergne, T	17	17	100%
Tessengerlo Kerley - Phoenix, AZ	2	2	100%
The Andersons Inc - Maumee, OH	1	1	100%
The Andersons Lawn Fertilizer Division - Maumee,	2	1	50%
The Hawthorne Gardening Company - Port Washi	4	4	100%
The Scotts Company - Marysville, OH	13	13	100%
Thomas Cayce Farm Supply, LLC - Princeton, KY	26	26	100%
Tiger-Sul Products LLC - Atmore, AL	1	1	100%
Tri-County Fertilizer Co., Inc. - Richmond, KY	7	5	71%
Valley Farm Center, Inc. - Monticello, KY	3	3	100%
Valley Fertilizer Company - Edmonton, KY	10	10	100%
Verdesian Life Sciences US LLC - Cary, NC	1	1	100%
Voluntary Purchasing Group - Bonham, TX	3	3	100%
Warner Farm Mart - Broadhead - Somerset, KY	1	1	100%
Warner Fertilizer - Albany - Albany, KY	10	8	80%
Warner Fertilizer - Campbellsville - Campbellsville,	10	8	80%
Warner Fertilizer - Columbia - Columbia, KY	10	10	100%
Warner Fertilizer - East Bernstadt - East Bernstadt,	8	8	100%
Warner Fertilizer - Liberty - Liberty, KY	8	7	88%
Warner Fertilizer - Monticello - Monticello, KY	11	10	91%
Warner Fertilizer - Nancy - Nancy, KY	10	8	80%
Warner Fertilizer - Russell Springs - Russell Springs	9	7	78%
Warner Fertilizer - Somerset - Somerset, KY	97	89	92%
Warner Fertilizer - Stanford - Stanford, KY	10	10	100%
Warner Fertilizer - Tompkinsville - Tompkinsville,	10	9	90%
Waterway Ag Inc - Metropolis, IL	3	3	100%
Winfield Solutions, LLC - Saint Paul, MN	2	1	50%
Woodford Feed Company, Inc. - Versailles, KY	17	17	100%



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## Table 2 Detailed Inspection Report Results Primary Nutrients



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
Advanced Micronutrient Products Reese ,MI							
2-00-00	'EZ20 Zinc	52054	2.61			130.5	*
Advanced Turf Solutions - Fishers Fishers ,IN							
16-28-12	ADVANCE TURF PROF 16-28-12	07408	15.87	29.1	11.54	98.15	
22-3-11	'ADVANCE TURF SUPPLY	50808	24.2	3.46	12.4	111.0	
16-28-12	'ADVANCE TURF SUPPLY	50809	16.58	27.59	11.61	99.96	
Ag Distributors Inc Nashville ,TN							
6-24-24	PROFESSIONAL CHOICE	07449	15.27	<b>16.14</b>	23.4	105.38	
19-19-19	ALL PURPOSE PLANT FOOD	07450	19.57	19.62	18.66	101.76	
12-24-24	PROFESSIONAL CHOICE 12-24-24	07544	12.22	23.6	23.15	98.55	
15-15-15	ALL PURPOSE 15-15-15	07707	15.66	15.37	14.46	101.55	
15-15-15	ALL PURPOSE PLANT FOOD	50342	16.09	16.91	14.96	107.21	
15-15-15	'ALL PURPOSE PLANT FOOD	50622	15.30	15.06	15.23	101.33	
10-10-10	'ALL PURPOSE	50708	10.26	10.11	9.44	99.99	
Agri-Chem - Bardwell Bardwell ,KY							
6-15-40		51984	6.13	15.55	40.07	100.81	
Agri-Chem - Clinton Clinton ,KY							
12-17-22		51622	11.93	<b>14.74</b>	27.27	102.87	*
12-17-22		51623	11.75	<b>14.90</b>	24.67	98.7	*
12-17-22		51624	11.78	16.15	25.32	102.41	*
12-17-22		51625	12.37	15.82	24.44	101.79	*
12-17-22		51626	13.32	18	21.02	103.35	*
12-17-22		51627	12.94	17.72	22.14	103.58	*
9-23-30		51628	9.85	22.83	29.68	101.05	
9-23-30		51629	9.86	23.36	28.67	100.68	
9-23-30		51630	9.63	23.06	29.44	100.68	
9-23-30		51631	10.12	23.15	29.6	102.09	
Agri-Chem - Hopkinsville Hopkinsville ,KY							
4-20-38		07455	4.31	19.35	39.22	102.7	
4-20-38		07456	4.18	19.22	38.41	100.98	
5-25-30		07457	5.60	24.99	31.15	101.24	*
5-25-30		07458	5.62	25.19	31.08	101.53	*
5-22-33		07459	4.84	23.57	31.85	100.34	*
5-22-33		07460	4.83	22.52	34.58	102.54	*
4-20-38		07461	4.07	19.21	37.78	99.77	
4-20-38		07462	4.26	19.27	38.71	101.69	
00-00-22	SPM	50142			22.83	103.77	*
10-26-26		51168	10.46	26.42	26.66	102.02	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
10-26-26		51169	9.94	25.09	26.57	98.52	
30-12-12		51170	29.56	11.97	12.28	100.48	
30-12-12		51171	29.59	12.54	11.93	101.1	
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AgriGro Farm Center, Inc. Hartford ,KY							
00-00-60 'MP		50887			61.22	102.03	
18-46-00 'DAP		50888	18.42	46.69		101.76	
46-00-00 'UREA		50889	46.16			100.35	
18-46-00 'DAP		50890	17.74	46.4		100.14	
00-00-60 'MP		50891			60.73	101.22	
6-26-26		52000	6.31	27.25	26.07	103.02	
6-26-26		52001	6.31	27.05	26.51	103.26	
6-26-26		52002	6.09	26.53	27.22	102.79	
6-26-26		52003	5.85	25.8	26.28	99.53	
6-26-26		52004	6.21	26.63	27.72	103.96	
6-26-26		52005	6.13	26.7	27	102.89	
26-12-16		52158	26.20	12.94	16.72	102.03	
6-14-38		52159	5.90	15.42	37.31	102.98	*
6-14-38		52160	5.58	14.89	37.59	101.55	*
28-12-15		52161	27.51	11.5	16.38	101.89	
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Agriport Terminal Eddyville ,KY							
11-52-00 MAP 11-52-0		07409	11.20	53.33		102.41	
11-52-00 MAP 11-52-0		07410	11.02	51.96		99.98	
18-46-00 DAP 18-46-0		07411	17.71	46.51		100.2	
00-00-60 MP 0-0-60		07412			60.24	100.4	
18-46-00 DAP		07423	17.55	45.94		99.11	
00-00-60 MP		07424			59.95	99.92	
18-46-00 DAP		07425	17.68	46.5		100.2	
9-23-30		07430	8.57	22.85	30.53	99.63	
7-18-35		07431	6.89	17.85	34.59	98.25	*
00-00-60 MP		07432			60.44	100.73	
00-00-60 MP		07433			59.29	98.82	
18-46-00 DAP		07434	18.24	47.5		102.6	
11-52-00 MAP		07435	11.36	53.46		102.9	
18-46-00 DAP		07463	18.16	45.46		99.49	
11-52-00 MAP		07464	11.32	50.66		98.53	
00-00-60 MP		07467			60.27	100.45	
11-52-00 MAP		07468	11.41	50.89		99.05	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
5-23-32		07499	5.12	22.92	31.45	99.42	*
10-25-28		07500	9.51	24.37	28.03	99.6	
5-23-32		07501	5.16	23.46	32.2	101.61	*
10-25-28		07502	9.45	23.16	29.91	100.11	
5-23-32		07503	4.77	22.63	32.53	99.78	*
18-46-00	DAP 18-46-0	07506	17.90	46.24		100.18	
00-00-60	MOP 0-0-60	07507			60.86	101.43	
00-00-22	K-MAG 0-0-22	07508			22.02	100.09	*
00-00-50	SOP	50042			49.8	99.6	
18-46-00	DAP	50043	18.00	46.7		101.04	
18-46-00	DAP	50044	17.73	46.51		100.29	
00-00-60	MOP	50045			60.52	100.87	
18-46-00	DAP	50046	17.47	45.49		98.31	
46-00-00	UREA	50047	46.05			100.11	
46-00-00	UREA	50048	45.86			99.7	
28-00-00	28% UAN	50133	28.09			100.32	
46-00-00	UREA	50134	45.81			99.59	
18-46-00	DAP	50135	17.27	47.56		101.05	
18-46-00	DAP	50136	17.81	45.35		98.7	
00-00-60	MP	50137			60.53	100.88	
00-00-60	MP	50138			60.83	101.38	
46-00-00	UREA	50139	45.93			99.85	
18-46-00	DAP	50140	17.64	45.1		98.03	
00-00-50	SP	50141			50.82	101.64	
46-00-00	UREA	50258	45.84			99.65	
18-46-00	DAP	50259	18.25	46.01		100.45	
00-00-60	MP	50260			60.91	101.52	
00-00-60	MP	50261			60.93	101.55	
9-23-30		50262	9.49	23.32	30.46	102.21	
9-23-30		50357	9.61	24.92	29.08	103.49	
32-00-00	32% UAN	50358	32.02			100.06	
46-00-00	'UREA	50623	45.61			99.15	
21-00-00	'AMS	50624	20.43			97.29	*
18-46-00	'DAP	50625	18.09	46.83		101.39	
00-00-60	'MP	50626			59.17	98.62	
18-46-00	'DAP	50627	17.61	45.57		98.68	
18-46-00	'DAP	51034	17.71	46.35		100.01	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
18-46-00	'DAP	51035	17.65	46.18		99.66	
00-00-60	'MP	51036			58.77	97.95	
00-00-60	'MP	51037			59.38	98.97	
46-00-00	'UREA	51591	46.16			100.35	
00-00-60	'MP	51592			58.84	98.07	
00-00-60	'MP	51593			58.81	98.02	
18-46-00	'DAP	51594	17.55	45.38		98.91	
32-00-00	'32% UAN	52070	31.54			98.56	
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Agrium U.S. Inc. Loveland ,CO							
4-6-32	'AGRIUM INTERNATIONAL PLANT FOOD	50896	4.63	7.06	33.84	109.18	*
13-13-13	'Super Rainbow Plant Food	50988	13.33	13.24	13.56	102.75	*
5-20-20	'Super Rainbow Plant Food	50989	5.66	19.49	21.11	102.68	*
6-12-18	'Rainbow 6-12-18	51044	5.88	11.69	19.7	102.52	*
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Agro Culture Liquid Fertilizer St. Johns ,MI							
9-24-3	'PRO-GERMINATOR	50827	10.07	<b>20.65</b>	2.80	93.92	*
2-00-10	'KALIBRATE	50870	3.15		10	113.77	*
9-24-3	'PRO-GERMINATOR	50951	8.87	24.21	3.02	100.19	*
9-24-3	'PRO-GERMINATOR	50952	8.96	23.81	3.13	99.62	*
2-00-10	'KALIBRATE	50953	2.65		10.37	110.56	*
9-24-3	'PRO-GERMINATOR	50954	8.95	23.46	3.59	99.57	*
7-00-00	'ACCESS S	50956	11.16			159.43	*
2-1-6	'Sure K 2-1-6	51503	3.45	1.44	7.55	142.17	
12-3-3	'Ferti Rain 12-3-3	51505	11.76	3.04	2.82	98.05	*
7-00-00	'Access S	51506	10.88			155.43	*
9-24-3	'PRO Germintor	51728	9.01	23.83	3.36	100.3	*
12-3-3	'Ferti Rain 12-3-3	52067	11.71	3.26	3.21	100.39	*
2-1-6	'Sure-K	52068	2.60	1.25	7.92	130.51	
9-24-3	'PRO Germinator	52069	8.79	23.58	3.35	98.9	*
9-24-3	'Pro Germ	52165	9.00	23.37	3.23	98.75	*
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Allen County Farmers Service, Inc. Scottsville ,KY							
8-17-17		07773	10.00	18.1	16.08	105.34	
12-12-12		50563	12.34	11.6	12.71	98.95	
16-9-32		50564	16.15	9.68	30.97	99.79	
27-14-14		50565	27.36	16.93	13.29	105.69	
19-19-19		50566	18.99	19.53	19.74	99.99	
26-15-15		50567	26.21	14.32	15.29	101.02	
27-12-12		50568	26.53	11.73	12.89	100.98	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
19-19-19		50569	19.57	19.58	19.78	101.37	
19-19-19		50570	19.59	19.37	20.06	101.4	
12-12-12		50571	12.22	12.34	11.50	98.12	
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Anderson County Farm Service, Inc. Lawrenceburg ,KY							
00-00-60	'MOP	52255			58.92	98.2	
46-00-00	'Urea	52256	46.11			100.24	
18-46-00	'DAP	52257	17.92	45.49		99.1	
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Archer Daniels Midland Minneapolis ,MN							
00-00-60	'MOP	51535			59.91	99.85	
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Ball DPF LLC Sherman ,TX							
8-4-4	'Bonnie Herb, Vegetable & Flower	51921	7.64	4.32	4.15	100.05	
3-1-1	'Bonnie Organic Plant Food	51923	2.71	2.29	1.74	128.55	
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Ballard County Coop., Inc. La Center ,KY							
5-12-16		07764	5.51	12.76	16.55	108.99	
8-21-23		51703	8.11	20.63	22.03	97.19	*
8-21-23		51704	8.16	20.93	23.05	99.63	*
8-20-34		51982	7.80	19.42	35.7	101.6	
22-12-15		51983	21.08	11.39	16.84	101.6	
6-15-40		52131	5.96	15.38	40.57	100.85	
6-15-40		52132	6.15	15.63	41.41	102.89	
5-14-42		52133	5.17	13.77	43.1	100.95	
5-14-42		52134	5.79	14.67	41.64	101.94	
6-15-40		52135	6.39	16.01	39.25	101.03	
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Bandana Ag, Inc. La Center ,KY							
12-40-00	MES	07427	12.02	41.84		103.43	*
18-46-00	DAP	07428	18.42	46.24		101.1	
00-00-60	MP	07429			60.69	101.2	
15-43-00		07622	14.58	43.12		100.94	*
00-00-60	MP	50412			59.43	99.05	
18-46-00	DAP	50413	17.71	46.39		100.07	
12-40-00	MES 10	50414	11.84	39.74		99.17	*
34-00-00	AN	50415	34.47			101.38	
11-13-33		50416	11.12	11.63	33.92	100.03	
11-13-33		50417	11.39	12.57	32.42	100.3	
15-17-22		50418	15.35	17.83	23.13	102.25	
8-19-35		51705	7.56	19.58	34.78	100.58	
8-19-35		51706	7.55	19.15	35.95	101.38	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
8-19-35		51707	7.55	19.67	34.67	100.58	
9-23-30		51708	9.37	24.47	29	102.07	
9-23-30		51709	8.71	22.99	30.69	100.29	
9-23-30		51710	9.19	24.55	29.33	102.28	
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Bickett Ag - Morganfield Morganfield ,KY							
00-00-60	'MP	51510			59.81	99.68	
00-00-60	'MP	51511			59.12	98.53	
18-46-00	'DAP	51512	17.73	46.68		100.54	
18-46-00	'DAP	51513	17.78	45.84		99.38	
9-22-29		51514	9.29	23.32	<b>26.89</b>	101.9	*
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Black Gold Compost Oxford ,FL							
8-5-5	'Mater Magic	51642	8.19	4.73	10.12	120.81	*
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Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY							
28-12-15		51436	27.00	11.7	15.88	100.49	
20-20-19		51437	20.81	19.39	17.79	100.68	
28-12-15		51438	26.68	11.6	16.46	100.41	
28-12-15		51439	26.70	11.43	16.41	100.08	
9-23-30		51440	8.94	22.72	31.69	101.63	
23-00-30		51441	22.34		30.75	99.56	
29-7-17		51442	27.58	6.77	18.73	99.78	
28-12-15		51443	26.87	12.22	15.86	101.13	
28-12-15		51444	26.19	12.44	16.93	101.53	
28-12-15		51445	26.46	11.85	16.92	101.02	
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Bridgewell Agribusiness LLC Clackamas ,OR							
9-3-7	'Par4 9-3-7	51499	9.73	3.72	8.49	122.4	
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C.D. Poore Fertilizer Albany ,KY							
18-46-00	DAP	50296	17.99	44.71		98.06	
46-00-00	UREA	50297	46.19			100.41	
21-00-00	AS	50298	20.82			99.14	*
19-19-19		50299	<b>17.36</b>	22.54	20.63	103.13	
46-00-00	UREA	50300	46.13			100.28	
00-00-60	MOP	50301			60.05	100.08	
10-10-10	POORCO	50302	<b>9.09</b>	9.12	10.13	93.65	
19-19-19	POORCO	50303	18.68	18.24	19.84	99.08	
19-19-19		50848	18.35	19.13	20.65	99.2	
10-8-8		51735	10.28	6.975	7.41	98.04	
18-18-18		51736	19.95	<b>15.28</b>	<b>16.35</b>	98.28	

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		51737	19.31	18.72	18.98	98.26	
13-15-14		51738	13.35	<b>12.3</b>	<b>11.24</b>	91.77	
13-15-14		51739	13.53	<b>12.58</b>	<b>11.82</b>	94.1	
13-15-14		51740	13.20	<b>12.79</b>	<b>11.92</b>	93.84	
6-14-19		52258	5.32	13.82	18.69	98	*
17-00-25		52259	16.95		24.92	100.46	
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Calhoun Feed Service LLC Madisonville ,KY							
18-46-00	'DAP	51595	18.34	46.93		101.98	
00-00-60	'MP	51596			59.13	98.55	
46-00-00	'UREA	51597	46.08			100.17	
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Central Crop Care Crab Orchard ,KY							
23-00-30		50277	22.72		31.10	101	
31-9-12		50278	31.25	8.39	13.95	101.28	
13-20-26		50279	13.36	19.02	28.82	101.34	
6-15-30		50280	5.77	14.06	30.98	98.3	*
33-00-16		50281	33.30		16.98	100.56	
23-00-30		50282	23.41		30.29	101.41	
6-15-31		50283	6.18	14.65	30.04	99.13	*
46-00-00	UREA	50284	46.20			100.43	
00-00-22	SPM	50285			21.54	97.91	*
18-46-00	DAP	50286	17.60	44.98		97.78	
23-00-30		51463	22.11		31.56	100.24	
46-00-00	'Urea	51464	46.15			100.33	
00-00-60	'MOP	51465			60.36	100.6	
18-46-00	'DAP	51466	17.72	45.31		98.48	
00-00-21	'K-Mag	51467			22.05	105	*
8-22-19		51747	7.88	<b>19.95</b>	21.22	98.88	*
00-00-41		51748			42.21	102.95	*
17-9-7		52277	17.02	9.87	7.59	103.51	*
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Central Farmers Supply, Inc. Greensburg ,KY							
30-00-21		50447	29.93		21.06	100.23	
30-00-21		50448	30.66		20.15	100.58	
19-19-19		50449	19.12	19.67	20.2	101.11	
19-19-19		50450	19.33	19.28	19.75	100.27	
19-19-19		50451	18.67	<b>14.22</b>	24.33	96	
27-14-14		50472	27.78	13.23	13.02	99.58	
19-19-19		51076	20.46	18.78	19.38	101.26	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
30-12-12		51077	30.58	11.08	11.93	100.62	
11-27-24		51078	10.89	26.95	24.86	100.36	
19-19-19		51079	20.32	19.16	19.05	101.22	
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Central Garden & Pet Garden Division Atlanta ,GA							
1-00-1	'PENNINGTON IRONITE	50958	1.75		0.93	143.15	*
15-10-10	'Ultra Green Color Blooms & Bulbs	52218	14.62	<b>8.90</b>	<b>8.56</b>	92.54	*
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CF Industries Nitrogen LLC Deerfield ,IL							
28-00-00	'28-0-0	52111	29.01			103.61	
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CGB Fertilizer Jeffersonville ,IN							
18-46-00	DAP	50024	17.41	45.94		98.88	
46-00-00	UREA	50025	46.10			100.22	
00-00-60	MOP	50026			59.47	99.12	
00-00-60	MOP	50027			59.03	98.38	
46-00-00	UREA	50028	46.10			100.22	
46-00-00	UREA	50029	46.18			100.39	
46-00-00	UREA	50030	45.98			99.96	
20-00-00	AS	50031	20.17			98.39	*
46-00-00	UREA	50232	46.16			100.35	
00-00-60	'MOP	51303			60.36	100.6	
18-46-00	'DAP	51304	17.81	45.43		98.82	
46-00-00	'UREA	51305	45.83			99.63	
46-00-00	'UREA	51306	46.18			100.39	
46-00-00	'Urea	51940	46.17			100.37	
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CHS Crop Nutrients St. Paul ,MN							
00-00-60	0-0-60 BULK POTASH MOP	07426			59.62	99.37	
00-00-60	MP	50308			60.87	101.45	
00-00-60	MP	50309			61.07	101.78	
18-46-00	DAP	50310	17.75	45.31		98.53	
18-46-00	DAP	50311	17.72	45.74		99.12	
46-00-00	UREA	50312	46.06			100.13	
46-00-00	UREA	50313	46.16			100.35	
46-00-00	UREA	50315	46.19			100.41	
00-00-60	MP	50316			60.88	101.47	
00-00-60	MP	50317			61.81	103.02	
18-46-00	DAP	50318	17.72	45.72		99.09	
18-46-00	DAP	50319	17.90	44.96		98.28	
18-46-00	DAP	50348	17.52	46.51		99.92	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	UREA	50349	46.15			100.33	
00-00-60	MP	50350			61.55	102.58	
32-00-00	'UAN 32-0-0	52249	31.54			98.56	
32-00-00	'UAN 32-0-0	52252	31.54			98.56	
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CHS Crop Nutrients - Melbourne Melbourne ,KY							
18-46-00	DAP	07749	17.85	45.09		98.39	
46-00-00	'UREA	51900	46.17			100.37	
46-00-00	'UREA	52149	46.11			100.24	
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CHS Crop Nutrients - Owensboro Owensboro ,KY							
18-46-00	DAP	50233	17.87	46.47		100.47	
00-00-60	MP	50234			61.03	101.72	
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Clark's Grocery Feed & Seed Rockholds ,KY							
18-46-00	'DAP	51488	18.07	46.46		100.81	
00-00-60	'MOP	51489			58.83	98.05	
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Clements Ag Supply Springfield ,KY							
00-00-60	'MOP	50537			60.93	101.55	
18-46-00	'DAP	50538	17.78	46.72		100.69	
21-00-00	'AMS	50539	20.83			99.19	*
00-00-60	'MOP	51468			59.07	98.45	
46-00-00	'Urea	51469	46.20			100.43	
11-52-00	'MAP	51470	11.60	52.62		102.04	
18-46-00	'DAP	51471	17.61	46.71		100.37	
19-19-19		51807	22.08	<b>17.45</b>	<b>18.00</b>	100.49	
22-11-15		51836	21.75	11.06	14.42	99.09	*
21-00-25		51837	20.71		25.44	99.98	*
8-21-29		51838	9.28	23.06	<b>24.38</b>	100.16	*
7-00-39		51839	<b>6.12</b>		40.25	101.15	*
18-18-23		51840	21.32	<b>15.60</b>	<b>20.61</b>	100.93	
10-00-27		51841	10.14		26.75	98.16	*
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Compass Minerals USA Inc Overland Park ,KS							
4-25-00	'Wolf Trax Nu-Trax P 4-25-0	51776	5.28	26.99		111.76	*
4-25-00	'Wolftrax P	52173	4.74	26.28		107.24	*
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CPS - Beaver Dam Beaver Dam ,KY							
9-23-30		51826	9.10	23.1	30.1	100.69	
31-00-19		51827	30.83		19.5	99.6	
31-00-19		51828	31.29		19.14	100.13	
31-00-19		51829	30.25		20.7	100.02	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-25-27		51830	10.09	25.85	26.85	101.83	
31-00-19		51831	30.72		19.58	99.46	
28-9-17		51832	26.98	10.49	17.67	102.58	
28-9-17		51833	27.21	9.75	16.92	100.67	
28-9-17		51834	26.77	10.01	17.35	100.79	
29-12-12		51835	29.13	14.28	11.21	102.31	
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CPS - Campbellville Campbellville ,KY							
15-15-29		51122	14.72	14.77	29.75	100.88	
15-15-29		51123	14.75	15.43	29.33	101.73	
16-7-13		51124	15.90	7.51	12.57	98.87	*
20-20-19		51125	19.04	21.06	18.95	101.69	
20-20-19		51126	18.46	20.19	20.20	100.46	
16-7-13		51127	16.47	6.91	13.99	101.89	*
18-18-22		51128	18.62	<b>15.9</b>	23.43	99.14	
16-7-13		51129	19.48	7.87	15.10	116.92	*
16-7-13		51130	17.51	6.89	14.36	106.18	*
20-20-19		51131	20.09	18.79	19.46	100.38	
20-20-19		51132	18.74	19.63	21.32	101.52	
20-20-19		51133	19.45	20.58	19.52	102.29	
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CPS - Cecilia Cecilia ,KY							
12-17-22		51015	12.24	17.61	21.36	102	*
24-16-16		51016	24.64	15.4	15.66	99.69	
25-15-15		51017	25.79	14.52	14.94	99.97	
20-13-23		51018	20.09	13.17	24.13	100.89	
19-19-19		51019	19.29	20.42	19.47	101.76	
27-14-14		51020	26.74	13.19	15.43	100.57	
28-00-23		51021	27.93		22.74	98.7	
13-9-9		51022	13.43	8.69	9.09	99.97	
19-19-19		51023	19.60	20.29	18.65	101.21	
31-9-12		51024	32.11	8.71	11.86	100.95	
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CPS - Clarkson Clarkson ,KY							
15-15-15		50577	15.10	15.76	15.69	100.18	*
21-15-20		50578	21.47	15.11	20.42	100.47	
19-19-19		50579	20.73	20.04	18.53	102.9	
24-16-16		50580	24.85	15.93	15.57	101.1	
33-10-10		50581	33.09	9.06	9.4	99.35	
19-19-19		50582	20.33	19.62	19.67	102.83	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
19-19-19		50583	18.80	19.55	19.56	99.4	
19-19-19		50584	19.88	19.84	18.43	100.65	
34-00-15		50585	35.45		14.26	101.09	
20-18-20		50586	20.08	18.44	19.55	100.62	
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CPS - Clay Clay ,KY							
6-20-30		51354	6.02	20.51	29.41	100.24	*
6-20-30		51355	5.83	19.61	30.1	99.01	*
6-20-30		51356	5.99	20.13	29.69	99.82	*
19-19-20		51357	18.98	19.9	19.48	100.75	
19-19-19		51358	18.90	19.07	20.53	100.02	
6-20-30		51359	6.08	19.93	29.55	99.42	*
6-20-30		51360	5.99	19.57	30.83	100.41	*
6-20-30		51361	5.93	19.57	30.62	99.95	*
6-20-30		51362	5.60	20.31	29.3	98.67	*
8-27-20		51363	7.92	26.96	20.43	101.07	*
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CPS - Ekron Ekron ,KY							
29-10-15		51666	28.1	10.99	15.09	101.36	
29-10-15		51667	28.58	11.13	15.24	102.85	
24-12-19		51668	23.11	12.81	19.71	100.3	
16-17-17		51669	17.15	16.96	15.74	101.04	
19-19-19		51670	19.13	18.17	20.32	98.64	
7-8-14		51671	8.20	8.79	14.61	108.79	
19-19-20		51672	19.06	19.81	20.92	102.44	
23-14-18		51674	23.72	14.62	18.52	101.99	
25-15-15		51675	25.63	15.01	15.44	101.33	
25-15-15		51680	25.72	16.65	14.65	103.41	
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CPS - Fancy Farm Fancy Farm ,KY							
5-14-18		07548	6.10	15.22	19.37	108.79	
7-17-37		07550	7.01	17.86	36.48	100.17	
7-17-37		07553	6.45	16.93	37.61	99.03	
7-17-37		07554	6.81	17.3	36.44	98.7	
7-17-37		07555	6.71	17.44	37.84	100.81	
7-17-31		50901	7.60	17.17	31.59	101.73	*
4-10-35		51964	4.81	11.58	33.94	102.52	*
9-23-30		51985	9.13	22.61	31.1	101.04	
8-21-32		51986	8.37	21.48	32.27	100.38	
9-23-30		52063	8.98	22.99	30.7	100.87	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
CPS - Glendale Glendale ,KY							
21-18-18		50763	21.04	17.45	18.73	99.59	
14-23-23		51446	13.89	24.9	22.72	101.94	
16-30-16		51447	16.10	31	<b>14.44</b>	100.91	
16-30-16		51448	16.12	29.55	16.47	101.06	
14-27-20		51449	14.10	29.15	19.31	102.55	
14-23-23		51450	13.87	23.06	24.42	100.9	
19-19-19		51451	19.54	21.3	<b>18.06</b>	102.06	
19-19-19		51452	19.23	18.81	20.73	100.53	
24-10-10		51453	23.88	9.9	11.02	101.97	*
14-23-23		51454	13.98	24.59	23.05	102.02	
28-00-00		52163	26.38			95.23	*
CPS - Greeley Greeley ,CO							
00-00-60	MOP	07465			61.03	101.72	
18-46-00	DAP	07466	17.72	46.15		99.72	
00-00-60	0-0-60	07491			61.01	101.68	
18-46-00	18-46-0	07492	17.76	44.92		97.98	
12-40-00	12-40-0 with 10S-1Zn MESZ	07493	12.01	40.88		101.64	*
44-00-00	44-0-0 ESN	07494	44.22			100.5	
45-00-00	45-0-0	07495	44.77			99.49	
00-00-60	0-0-60	07497			61.56	102.6	
12-40-00	12-40-0 with 10S MES10	07498	12.51	40.28		101.64	*
00-00-60	MP	07517			59.92	99.87	
18-46-00	DAP	07518	18.09	45.93		100.06	
00-00-60	MP	07519			61.67	102.78	
18-46-00	DAP	07549	18.08	45.04		98.72	
00-00-60	MP	07551			60.00	100	
00-00-60	MP	07552			60.41	100.68	
00-00-60	MP	07623			60.51	100.85	
18-46-00	DAP	07624	17.71	45.74		99.1	
18-46-00	DAP	07625	17.68	45.1		98.1	
00-00-60	MP	07691			60.96	101.6	
00-46-00	TSP plus	07692		45.36		98.61	
18-46-00	DAP	07704	18.02	45.08		98.67	
00-00-60	MP	07705			60.89	101.48	
18-46-00	DAP	50032	17.62	45.72		98.92	
00-00-60	MOP	50033			59.44	99.07	
20-00-00	AS	50034	20.97			102.29	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
44-00-00	ESN	50035	44.79			101.8	
20-00-00	AS	50069	19.92			97.17	*
00-00-60	MOP	50070			61.14	101.9	
44-00-00	ESN UREA	50071	44.57			101.3	
18-46-00	DAP	50072	17.77	45.6		99	
46-00-00	UREA	50073	46.13			100.28	
00-00-60	MOP	50074			60.27	100.45	
18-46-00	DAP	50075	17.93	45.74		99.49	
20-00-00	AS	50076	20.29			98.98	*
44-00-00	ESN UREA	50077	44.82			101.86	
46-00-00	UREA	50078	46.20			100.43	
46-00-00	UREA	50079	46.20			100.43	
18-46-00	DAP	50080	17.84	46.1		99.87	
20-00-00	AS	50107	20.39			99.46	*
00-00-60	MOP	50108			59.09	98.48	
18-46-00	DAP	50109	17.79	46		99.63	
00-00-60	MOP	50110			60.21	100.35	
18-46-00	DAP	50111	17.75	46.66		100.55	
46-00-00	UREA	50112	45.70			99.35	
46-00-00	UREA	50113	45.70			99.35	
44-00-00	ESN	50114	44.52			101.18	
00-00-60	MP	50124			61.14	101.9	
18-46-00	DAP	50125	17.79	46.94		101.03	
18-46-00	DAP	50126	17.75	45.77		99.22	
00-00-22	SPM	50127			21.67	98.5	*
20-00-00	AMS	50128	20.14			100.7	*
44-00-00	ESN	50129	44.38			100.86	
46-00-00	UREA	50186	46.13			100.28	
46-00-00	UREA	50187	45.94			99.87	
18-46-00	DAP	50188	17.91	46.06		99.93	
00-00-60	MOP	50189			60.52	100.87	
44-00-00	ESN UREA	50190	44.62			101.41	
46-00-00	UREA	50191	46.11			100.24	
18-46-00	DAP	50192	17.78	46.52		100.39	
00-00-60	MOP	50193			60.73	101.22	
00-00-60	MOP	50194			61.95	103.25	
46-00-00	UREA	50195	46.01			100.02	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
46-00-00	UREA	50196	46.14			100.3	
44-00-00	ESN UREA	50197	44.69			101.57	
20-00-00	AS	50198	20.30			99.02	*
44-00-00	ESN	50199	44.90			102.05	
18-46-00	DAP	50200	17.99	46.31		100.44	
18-46-00	DAP	50201	17.83	46.24		100.06	
00-00-60	MOP	50202			61.93	103.22	
00-00-60	MP	50235			61.67	102.78	
00-00-60	MP	50236			60.25	100.42	
00-00-60	MP	50237			62.07	103.45	
18-46-00	DAP	50238	17.71	46.11		99.66	
46-00-00	UREA	50239	46.16			100.35	
12-40-00	MESZ	50240	11.35	<b>38.24</b>		95.33	*
2-00-00	TRACE MIX	50241	2.87			143.5	*
18-46-00	DAP	50250	17.61	46.14		99.53	
18-46-00	DAP	50251	18.03	45.41		99.17	
00-00-60	MOP	50252			59.78	99.63	
44-00-00	ESN UREA	50253	44.61			101.39	
00-00-60	MOP	50254			62.00	103.33	
46-00-00	UREA	50255	45.88			99.74	
20-00-00	AS	50256	20.58			100.39	*
46-00-00	UREA	50257	45.94			99.87	
00-00-60	MP	50440			60.18	100.3	
44-00-00	ESN	50441	44.88			102	
18-46-00	DAP	50442	17.61	45.84		99.08	
00-00-60	MP	50443			59.64	99.4	
46-00-00	UREA	50444	46.18			100.39	
46-00-00	UREA	50445	46.12			100.26	
00-00-22	SPM	50446			<b>20.64</b>	93.82	*
00-00-60	'MP 0-0-60	50729			60.98	101.63	
18-46-00	'DAP	50730	17.90	46.40		100.42	
12-40-00	'MESZ	50731	11.76	40.44		100.29	*
44-00-00	'ESN	50732	44.66			101.5	
00-00-60	'MP	50733			60.30	100.5	
18-46-00	'DAP	50734	17.47	46.56		99.91	
44-00-00	'ESN	50735	44.55			101.25	
46-00-00	'UREA	50736	46.15			100.33	

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
45-00-00	'45-0-0	50737	44.68			99.29	
00-00-58	'ASPIRE	50738			58.19	100.33	*
00-00-60	'MP	50739			59.08	98.47	
12-40-00	'MES	50740	11.99	39.06		98.24	*
46-00-00	'UREA	50776	46.19			100.41	
44-00-00	'ESN	50777	45.11			102.52	
18-46-00	'DAP	50779	17.62	45.79		99.02	
00-00-60	'MOP	50780			60.97	101.62	
46-00-00	'UREA	50880	46.20			100.43	
00-00-50	'SP	50881			51.50	103	
12-40-00	'MESZ	50882	11.78	41.28		101.9	*
44-00-00	'ESN	50883	44.67			101.52	
18-46-00	'DAP	50884	17.82	45.79		99.37	
00-00-60	'MP	50885			60.83	101.38	
18-46-00	'DAP	50893	17.66	46.21		99.72	
00-00-60	'MP	50894			61.48	102.47	
00-00-60	'MP	50895			61.45	102.42	
46-00-00	'UREA	50897	46.18			100.39	
00-00-22	'K-MAG	50898			20.81	94.59	*
00-00-50	'SOP	50899			49.00	98	
21-00-00	'AS	50900	20.81			99.1	*
18-46-00	'DAP	50902	17.69	45.67		98.97	
18-46-00	'DAP	50903	17.66	45.91		99.27	
00-00-60	'MP	50904			60.97	101.62	
46-00-00	'UREA	50905	46.16			100.35	
00-00-60	'MP	50906			60.80	101.33	
46-00-00	'UREA	50907	46.17			100.37	
32-00-00	'32% UAN	51090	32.15			100.47	
18-46-00	'DAP	51248	17.44	45.54		98.34	
18-46-00	'DAP	51249	17.94	44.94		98.32	
00-00-60	'MOP	51250			59.75	99.58	
46-00-00	'Urea	51348	46.19			100.41	
44-00-00	'ESN	51349	44.56			101.27	
00-00-60	'MP	51350			59.75	99.58	
12-40-00	'MESZ	51351	12.11	40.7		101.53	*
18-46-00	'DAP	51352	17.63	45.86		99.14	
00-00-50	'SP	51353			50.56	101.12	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
44-00-00	'ESN	51598	45.48			103.36	
46-00-00	'UREA	51637	46.07			100.15	
00-00-60	'MP	51638			59.62	99.37	
18-46-00	'DAP	51639	18.06	44.88		98.44	
18-46-00	'DAP	51673	17.56	45.19		98.02	
46-00-00	'UREA	51676	46.04			100.09	
21-00-00	'AS	51678	21.12			100.57	*
00-00-60	'MOP	51679			59.30	98.83	
00-00-60	'MOP	51916			61.85	103.08	
20-00-00	'AS	51917	20.44			99.71	*
18-46-00	'DAP	51919	17.57	45.74		98.86	
18-46-00	'DAP	51920	17.51	45.35		98.17	
32-00-00	'UAN	52162	31.54			98.56	
32-00-00	'UAN	52169	31.54			98.56	
32-00-00	'UAN	52170	31.54			98.56	
28-00-00	'UAN	52171	29.46			105.21	
32-00-00	'UAN 32-0-0	52253	31.54			98.56	
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CPS - Hardin Hardin ,KY							
11-29-22		51431	11.41	28.48	22.99	99.98	
11-29-22		51432	11.51	29.41	22.16	100.7	
9-23-30		51433	8.84	21.94	31.41	99.65	
9-23-30		51434	8.94	22.97	31	101.15	
9-23-30		51435	9.06	23.52	30.56	101.8	
19-19-19		51845	18.54	19.88	20.19	100.29	
9-23-30		51846	9.38	24.04	30.24	102.98	
9-23-30		51847	8.81	22.74	31.29	100.86	
9-23-30		52138	8.47	22.39	31.69	100.05	
9-23-30		52139	8.67	23.59	31.48	102.4	
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CPS - Henderson Henderson ,KY							
00-23-30		07750		24.36	30.91	104.41	
00-23-30		07751		23.34	31.08	102.59	
00-22-31		07752		21.9	30.94	99.2	
00-23-30		07753		23.01	30.86	101.52	
25-13-16		51859	24.46	12.58	16.86	99.74	
25-13-16		51860	25.10	13	16.63	101.59	
25-13-16		51861	24.54	13.32	17.37	101.98	
25-13-16		51862	23.94	<b>11.12</b>	18.92	98.75	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
25-13-16		51863	24.03	14.16	16.85	101.71	
25-13-16		51864	24.62	11.95	17.51	99.82	
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CPS - Hodgenville Hodgenville ,KY							
16-13-26		51012	16.92	13.38	25.53	101.72	
19-19-19		51013	19.76	19.3	19.09	100.47	
26-17-13		51014	26.65	16.94	12.54	101.39	
17-16-18		51238	16.64	16.08	18.22	98.88	
25-13-11		51239	26.16	12.64	10.95	101.46	*
27-12-9		51240	27.33	12.04	9.61	101.41	*
27-12-9		51246	28.32	11.61	9.12	102.14	*
27-12-9		51247	27.89	12.56	9.2	103.13	*
19-19-19		51288	19.76	18.47	18.78	98.45	
24-11-13		51289	24.69	11.15	12.59	101.65	*
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CPS - Horse Cave Horse Cave ,KY							
27-14-14		50774	28.01	13.42	13.21	100.83	
13-14-00		50775	<b>11.50</b>	13.56		93.42	
27-14-14		50778	27.18	13.71	14.21	100.77	
19-19-19		51080	19.29	19.3	19.74	100.22	
19-19-19		51081	22.77	18.10	<b>16.50</b>	101.06	
32-8-11		51082	32.31	7.44	11.8	101.22	
7-00-46		51083	7.25		46.40	101.34	*
8-3-4		51234	9.747	3.81	4.99	116.8	
25-10-14		51235	24.53	10.84	14.41	100.82	
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CPS - Kevil Kevil ,KY							
9-23-30		52006	8.74	22.42	29.64	97.94	
9-23-30		52007	8.76	23.10	31.28	101.38	
8-21-33		52060	8.13	20.7	33.12	100.04	
7-17-38		52061	6.36	16.25	40.09	101.36	
9-23-30		52136	8.55	22.8	32.65	102.23	
9-23-30		52137	9.12	23.24	30.23	100.99	
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CPS - Lebanon Lebanon ,KY							
30-11-8		51797	30.20	11.06	7.99	100.25	*
30-11-8		51798	30.24	11.62	8.26	101.8	*
30-11-8		51799	30.12	11.15	7.61	99.71	*
34-10-7		51800	33.84	<b>9.24</b>	7.25	99	
21-16-14		51801	21.13	17.18	14.01	102.3	*
21-16-14		51802	20.37	16.44	16.20	102.3	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
21-16-14		51803	20.65	17.53	13.71	101.44	*
36-8-00		51804	35.99	8.43		101.05	*
28-12-15		51805	27.25	12.59	14.98	101.42	
34-12-00		51806	34.02	11.74		100.45	*
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CPS - Morganfield Morganfield ,KY							
6-20-30		07765	5.86	20.64	30.36	101.68	*
6-20-30		07766	5.67	21.09	30.61	102.5	*
6-20-30		07767	5.97	20.65	28.64	99.18	*
6-20-30		07768	5.90	20.11	30.71	101.32	*
9-22-31		51333	9.44	22.52	31.76	103.35	
9-22-31		51334	12.17	30.06	<b>22.34</b>	110.06	
9-22-31		51335	8.86	21	33.03	101.09	
9-22-31		51336	8.59	22.03	31.42	100.21	
8-28-18		51655	8.11	27.1	20.11	100.79	*
8-28-18		51656	8.47	28.28	18.96	102.25	*
8-28-18		51657	8.41	27.59	19.62	101.72	*
8-21-32		51658	8.34	21.29	31.97	99.57	
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CPS - Owensboro Owensboro ,KY							
31-00-00		52164	31.33			101.82	
00-00-50 'SP		52201			49.71	99.42	
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CPS - Pembroke Pembroke ,KY							
10-25-28		07634	9.40	24.95	28.44	100.78	
9-24-23		07635	9.60	25.47	23.31	102.45	*
9-24-23		07636	9.25	24.24	24.36	101.06	*
4-21-21		07637	4.95	20.89	20.94	102.99	
4-20-20		07638	5.68	20.84	21.47	106.67	
6-15-18		07639	6.37	15.4	19.06	106.74	
6-15-18		07640	6.15	14.48	19.78	105.16	
34-9-9		51091	34.47	10.35	8.13	103.2	
5-13-43		51092	5.93	14.28	<b>41.80</b>	102.95	
7-18-36		52071	7.22	18.68	34.76	98.84	
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CPS - Riverport Owensboro ,KY							
7-00-40		51515	6.72		41.27	101.62	*
7-00-40		51516	6.89		40.27	100.18	*
7-00-40		51517	6.73		39.44	98.04	*
9-23-30		51518	8.83	22.38	29.50	97.91	
9-23-30		51519	9.08	21.81	32.72	101.71	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
9-23-30		51520	9.44	23.46	31.1	103.31	
6-15-40		51521	6.62	15.95	40.81	103.85	
7-00-40		51522	7.01		41.95	103.9	*
7-00-40		51523	6.60		41.89	102.47	*
20-16-21		51524	20.23	16.09	21.65	101.98	
20-16-21		51525	20.87	14.86	22.05	101.63	
9-23-30		51526	9.38	24.16	30.82	104.01	
<b>CPS - Russellville Russellville ,KY</b>							
9-22-22		07647	9.79	<b>19.86</b>	25.43	104.27	*
20-10-26		51056	19.69	19.77	<b>19.62</b>	109.02	
20-10-26		51057	19.24	19.78	<b>19.13</b>	107.34	
11-28-21		51058	10.57	26.53	22.12	97.8	*
10-25-26		51059	10.47	25.91	24.62	102.27	*
9-23-30		51060	9.16	22.92	29.85	99.99	
9-23-30		51061	9.33	23.3	30.58	102	
31-12-9		51062	30.40	13.57	10.02	102.8	*
12-30-18		51063	12.05	30.68	19.62	102.42	*
31-12-9		51064	30.93	12.67	9.09	101.04	*
31-12-9		51065	30.06	13.08	9.52	100.51	*
<b>CPS - Sacramento Sacramento ,KY</b>							
15-9-18		51970	15.54	9	18.68	102.9	*
15-9-18		51971	14.93	9.04	18.63	101.68	*
15-9-18		51972	15.60	9.04	19.43	105.49	*
18-17-22		51973	18.73	16.03	22.71	100.24	
9-23-30		51974	9.05	21.75	31.85	100.34	
9-23-30		51975	9.13	22.55	30.92	100.7	
9-23-30		51976	9.33	22.17	31.15	100.74	
9-23-30		51977	8.55	22.21	31.92	100.2	
9-22-29		51978	8.88	21.92	28.55	100.69	*
15-9-18		51979	15.57	9.13	18.4	102.26	*
8-12-18		51980	9.25	11.58	18.32	105.16	
9-23-30		51981	9.18	23.09	30.06	100.62	
<b>CPS - Sedalia Sedalia ,KY</b>							
9-23-30		07706	8.46	21.68	31.52	98.92	
00-00-47		51408			46.55	98.41	*
8-21-32		51409	8.14	20.13	32.94	98.42	
8-21-32		51410	8.73	22.18	32.18	102.36	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
8-20-29		51411	7.42	19.39	28.73	98.54	*
8-20-29		51412	7.69	19.52	30.79	102.49	*
5-13-37		51413	5.09	12.33	38.13	99.32	*
5-13-37		51414	5.34	13.42	37.01	100.48	*
00-00-39		51415			37.83	98.11	*
00-00-39		51416			39.14	101.5	*
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CPS - Shelbyville Shelbyville ,KY							
3-8-21		50631	2.89	7.26	21.88	100.31	
3-8-21		50632	3.15	7.89	20.28	99.57	
24-14-18		50633	28.20	13.96	<b>13.1</b>	84.63	
9-23-30		50634	8.78	23.62	31.02	102.01	
19-10-27		51251	18.66	9.75	28.57	100.39	
8-7-7		51252	11.96	6.77	7.19	117.49	
23-00-30		51253	22.08		30.6	98.76	
23-00-30		51254	23.25		30.38	101.21	
21-15-20		51922	20.85	15.33	20.19	99.32	
22-8-22		52052	22.39	8.34	21.97	101.63	
22-8-22		52053	21.54	8.29	22.47	101.6	
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CPS - Upton Upton ,KY							
19-19-19		50587	18.71	18.58	19.18	99.29	
18-15-24		50588	18.07	14.6	25.65	101.58	
20-00-34		50589	21.45		32.64	101.48	
19-8-29		50590	20.14	7.59	28.25	101.05	
19-8-29		50591	19.87	7.4	29.21	101.45	
19-8-29		50592	19.51	7.74	30.03	102.47	
24-16-16		50759	24.02	16.34	16.22	100.92	
15-15-29		50760	14.80	14.93	29.34	100.95	
27-14-14		50761	27.17	12.62	14.37	99	
11-11-11		50762	10.85	10.83	10.75	98.48	
27-14-14		50781	26.71	13.38	14.47	99.5	
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CPS - Waverly Waverly ,KY							
6-20-30		50741	6.14	19.59	29.82	100.74	*
6-20-30		50742	5.91	18.64	30.68	99.55	*
7-24-23		50743	7.50	24.86	22.86	101.62	*
6-20-30		50744	6.08	19.4	30.78	100.15	*
6-20-30		50745	5.99	19.08	31.41	100.24	*
6-20-30		50746	5.97	19.43	31.82	101.52	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
6-20-30		50747	5.98	19.4	31.58	101.12	*
6-20-30		50748	6.01	19.39	31.08	100.42	*
6-20-30		50749	5.75	20.11	30.25	100.01	*
6-20-30		50750	6.04	19.35	31.13	100.49	*
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Darling Ingredients Inc Irving ,TX							
27-00-2	27-0-2 NATURE SAFE	07774	<b>24.06</b>		4.88	96.75	*
21-3-7	21-3-7 NATURE SAFE	07775	<b>19.1</b>	5.70	7.83	103.29	*
18-00-4	18-0-4 NATURE SAFE	07776	18.90		<b>2.093</b>	97.9	*
13-00-00	13-0-0 NATURE SAFE	07777	13.60			104.62	
12-00-6	12-0-6 NATURE SAFE	07778	12.02		8.46	110.79	*
12-2-6	12-2-6 NATURE SAFE	07779	<b>8.33</b>	6.21	<b>4.595</b>	93.57	*
10-2-8	10-2-8 NATURE SAFE	07780	9.56	2.66	10.56	111.03	*
10-00-8	10-0-8 NATURE SAFE	07781	10.34		9.82	110.35	*
16-00-2	16-0-2 NATURE SAFE	07782	19.41		2.74	122.58	*
8-5-5	8-5-5 NATURE SAFE	07783	9.61	<b>3.36</b>	8.023	115.09	*
8-3-5	8-3-5 NATURE SAFE	07784	9.54	<b>2.26</b>	5.56	109.4	*
9-6-1	9-6-1 NATURE SAFE	07785	8.61	9.20	<b>0.133</b>	111.34	*
7-12-00	7-12-0 NATURE SAFE	07786	9.1	<b>10.40</b>		104.52	*
18-00-4	'Nature Safe 18-0-4 Fine	51490	20.8		<b>3.30</b>	111.47	*
13-00-00	'Nature Safe 13-0-0 Pelleted	51491	12.18			93.69	
10-2-8	'Nature Safe 10-2-8 Coarse	51492	10.15	2.77	8.13	105.29	*
10-00-8	'Nature Safe 10-0-8 Coarse	51493	10.22		9.94	109.63	*
8-5-5	'Nature Safe 8-5-5 Pelleted	51494	9.45	4.82	6.22	113.42	*
8-3-5	'Nature Safe 8-3-5 Coarse	51495	8.01	5.38	4.99	114.78	*
5-6-6	'Nature Safe 5-6-6 Fine	51496	7.205	6.08	6.25	117.47	*
9-00-9	'Nature Safe 9-0-9 Coarse	51497	<b>8.07</b>		10.32	99.38	*
7-12-00	'Nature Safe 7-12-0 Coarse	51498	7.64	12.7		107.18	*
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Dr. Earth Inc Winters ,CA							
4-6-2	'Dr Earth Rose & Flower	50829	6.90	7.76	2.01	142.49	*
4-6-3	'Dr Earth Tomato, Veg & Herb	50830	5.48	6.31	2.66	113.88	*
5-5-2	'Dr Earth Fruit Tree	50831	6.69	6.8	2.28	132.3	
9-00-5	'DR EARTH SUPER NATURAL LAWN FERT	50963	8.88		6.04	104.44	
4-6-3	'Dr Earth Tomato Veg And Herb	51641	5.77	7.12	3.7	128.77	*
5-5-2	'Natural Wonder Fruit Tree Fertilizer	52168	6.20	6.97	3.02	133.48	
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Drake's Farm Service, Inc. Morgantown ,KY							
8-20-26		07720	8.03	20.67	27.25	104.47	*
7-18-24		07721	7.79	19.01	25.19	106.3	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
7-18-24		07722	8.09	19.27	23.93	105.35	
7-18-24		07723	7.66	18.76	23.59	102.54	
19-19-19		51386	19.94	19.75	20.08	102.82	
19-19-19		51387	20.22	19.53	20.06	102.98	
23-16-18		51388	21.92	16.77	18.83	101.47	
23-16-18		51389	21.49	17.73	19.01	102.52	
29-28-00		51390	29.79	28.44		102.48	
6-16-39		51391	6.41	16.2	40.68	102.69	
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Easy Gardener Waco ,TX							
3-5-4	Jobe's Annuals & Perennials 3-5-4	07394	3.86	6.41	5.63	134.5	*
15-3-3	JOBES TREE & SHRUB SPIKES 15-3-3	07395	16.14	4.48	4.24	111.7	
8-11-11	JOBES FRUIT & CITRUS FERT SPIKES 8-11-11	07397	12.36	14.54	14.54	139.36	
15-3-3	JOBES TREE & SHRUB SPIKES 15-3-3	07400	18.38	5.67	5.21	128.0	
9-12-9	'JOBE SPIKES FOR ROSES	50812	10.45	11.36	13.34	114.69	
3-1-2	'JOBE WATER SOLUBLE VEGETABLE & TOMATO	50813	4.16	1.34	4.60	160.54	
3-5-4	'Jobs Annuals & Perennials	50828	2.95	6.85	5.99	128.46	*
4-4-4	'Jobs All Purpose	50843	<b>2.89</b>	<b>3.13</b>	<b>2.37</b>	70.98	*
13-3-4	'Jobs Evergreen Spikes	50844	15.47	7.93	8.44	152.43	
2-5-3	'Jobs Organic Veg & Tomato 2-5-3	50993	2.82	8.37	4.51	156.95	*
3-5-5	'Jobs Organics Fruit & Citrus	51457	<b>2.22</b>	<b>3.83</b>	<b>2.32</b>	66.65	*
2-7-4	'Jobs Organics Vegetable & Tomato	51690	2.00	7.33	5.29	110.48	*
2-14-00	'Jobs Organic Bone Meal	51761	2.53	14.99		109.86	*
4-4-4	'Jobs Organics All Purpose 4-4-4	51824	3.72	5.8	4.69	117	*
9-12-9	'Jobs's Fertilizer Spikes	52183	11.96	14.74	10.45	124.92	
3-3-3	'Bursting Blooms	52184	3.36	<b>1.39</b>	4.47	98.97	
4-14-00	'Bone Meal Plant Food	52185	3.99	14.65		103.41	*
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Eau Claire CO-OP Oil Company Eau Claire ,WI							
15-23-10	15-23-10 MENARDS STARTER FERTILIZER	07445	14.79	21.84	11.26	99.29	*
23-00-10	23-0-10 MENARDS FALL LAWN FD WITH WD CONTROL	07446	22.03		11.62	100.55	*
22-00-10	22-0-10 MENARDS FALL LAWN FOOD WINTERIZER	07447	23.08		11.24	106.72	*
30-00-3	30-0-3 MENARDS PREMIUM LAWN FOOD	50456	29.33		4.14	100.17	*
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EcoScraps Marysville ,OH							
5-4-6	ECOSCRAPS TOMATO, HERB, AND VEG. PLANT FOOD	07384	5.07	4.87	5.75	104.9	
5-4-6	ECO SCRAPS TOMATO HERB & VEGITABLE PLANT FOOD	50147	4.85	7.41	<b>5.47</b>	119.78	*
5-5-5	ALL PORPOSE	50400	5.50	6.89	5.1	117.47	*
2-14-00	'Fresh Start Plant Food	50994	1.63	14.25		98.87	*
5-5-5	'Ecoscraps Natural And Organic All Purpose	51120	5.32	7.175	4.92	117.06	*

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
5-5-5	'All Purpose Plant Food	52217	5.36	7.12	5.15	118.21	*
Espoma Company Millville ,NJ							
3-4-4	GARDEN TONE HERB & VEGETABLE	50401	3.85	5.82	4.53	130.58	*
4-3-4	'HOLLY TONE	50811	4.14	4.76	4.8	123.6	*
3-4-4	'Espoma Organic Garden-Tone	51462	3.75	4.24	4.87	116.85	*
2-2-2	'Organic Indoor Houseplant Food	52219	2.28	1.67	2.02	100.34	
Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY							
19-19-19		50367	19.40	20.31	18.43	100.49	
39-00-10		50368	38.59		10.03	100.52	
19-19-19		50473	19.18	20.03	19.45	100.9	
19-19-19		50547	18.49	20.04	19.73	99.85	
23-14-18		50548	23.37	14.3	17.76	102.08	*
18-12-16		50549	18.29	13.08	15.39	102.95	*
26-13-13		50550	26.01	12.54	<b>11.96</b>	96.37	
13-13-13		50551	13.29	13.62	13.35	104.59	
31-10-10		50552	30.87	10.38	10.47	99.66	
13-13-13		50553	13.51	12.77	13.24	102.79	
Farmers Fertilizer - Bowling Green Bowling Green ,KY							
35-8-8		51003	35.79	<b>6.31</b>	9.63	101.07	
19-19-18		51004	19.68	19.87	19.53	104.69	
20-20-19		51005	19.52	19.47	20.81	102.22	
20-20-19		51006	19.08	19.32	20.58	100.74	
25-18-13		51007	25.34	17.26	14.4	100.9	
20-20-19		51008	19.31	19.28	19.80	100.12	
20-20-19		51009	20.01	18.52	20.5	101.15	
20-20-19		51010	19.44	19.08	20.49	100.94	
37-6-7		51384	36.83	5.83	8.39	101.09	
20-20-19		51385	19.79	19.76	19.88	102.08	
9-23-30		52098	9.19	22.61	29.04	98.42	
9-23-30		52099	9.28	23.89	29.56	101.59	
10-26-26		52100	10.31	25.71	26.53	100.49	
28-11-15		52101	27.91	11	15.27	100.38	
30-10-13		52102	29.42	10.2	14.01	100.61	
30-10-13		52103	<b>16.64</b>	10.71	30.35	96.4	
9-23-30		52104	9.24	23.42	29.89	101.11	
30-10-13		52105	<b>27.72</b>	9.38	16.84	99.33	
30-10-13		52106	<b>28.40</b>	9.59	15.92	99.92	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
30-10-13		52107	<b>28.59</b>	10.3	14.46	99.63	
Farmers Fertilizer - Smiths Grove Smiths Grove ,KY							
20-20-19		51393	19.42	<b>15.66</b>	22.01	96.85	
20-19-19		51394	21.1	18.82	18.67	101.62	
20-19-19		51395	19.17	18.16	20.08	98.31	
32-11-10		51396	31.82	9.97	11.76	101.17	
30-10-13		51397	29.89	<b>8.29</b>	14.42	98.74	
20-20-19		51398	19.68	19.97	19.83	102.09	
22-13-22		51399	21.47	12.5	22.67	100.71	
30-10-13		51400	30.33	<b>8.63</b>	13.55	99.12	
32-11-10		51401	30.91	11.47	10.66	100.44	
19-20-19		51402	19.48	20.72	19.66	102.88	
Fleming County Farm Supply Flemingsburg ,KY							
11-52-00	MAP	50207	11.31	52.74		101.7	
00-00-61	MP	50208			60.70	99.51	
46-00-00	UREA	50209	45.98			99.96	
18-46-00	DAP	50210	17.77	45.94		99.51	
18-46-00	'DAP	50702	17.75	46.09		99.7	
11-52-00	'MAP	50703	12.53	52.46		103.48	
46-00-00	'UREA	50704	46.19			100.41	
00-00-51	'SP	50705			50.84	99.69	
00-00-61	'MP	50706			60.06	98.46	
46-00-00	'UREA	50782	46.16			100.35	
11-52-00	'MAP	50783	11.12	51.27		99.09	
18-46-00	'DAP	50784	17.66	46.89		100.73	
11-52-00	'MAP	50785	11.21	50.55		98.15	
21-00-00	'AS	50786	21.19			100.9	*
00-00-61	'MP	50787			<b>59.02</b>	96.75	
7-28-27		50788	7.43	27.79	26.48	100.56	
6-26-30		50789	5.78	25.79	30.5	100.22	
1-7-53		50790	1.56	6.75	51.27	98.37	*
19-19-20		50791	19.16	19.77	19.58	100.08	
19-19-20		50792	19.63	20.15	19.44	101.53	
23-24-00		50793	22.82	24.35		100.81	
34-17-00		50794	34.82	17.13		100.65	
7-28-27		50795	7.22	27.63	27.41	101.07	
19-19-20		50796	19.57	19.88	18.51	99.71	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-20		50797	19.81	19.91	19.44	101.48	
00-00-51	'SP	51745			51.73	101.43	
00-00-51	'SP	51792			51.57	101.12	
21-00-00	'AS	51793	20.40			97.14	*
00-00-51	'SP	51794			50.03	98.1	
00-00-61	'MP	52037			60.91	99.85	
11-52-00	'MAP	52038	11.61	52.24		101.47	
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Gaskins Fertilizer Russell Springs ,KY							
00-00-60	'MOP	50489			59.24	98.73	
18-46-00	'DAP	50490	17.52	45.47		98.37	
46-00-00	'UREA	50491	46.17			100.37	
24-17-16		50983	23.37	16.61	16.67	100.25	
24-17-16		50984	24.50	16.16	16.51	101.59	
22-9-24		50985	21.24	9.47	25.91	101.51	
6-15-39		50986	5.92	15.19	40.49	103.58	*
19-19-19		50987	19.62	19.45	19.95	101.43	
16-15-21		51810	16.27	15.35	21.26	101	*
19-19-19		51811	18.20	19.33	20.89	99.56	
22-14-21		51812	21.09	12.98	22.45	99.78	
26-12-17		51813	25.10	11.91	17.18	99.15	
21-9-18		52224	20.70	9.19	18.27	100.15	*
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GAVILON FERTILIZER INC E. PEORIA ,IL							
18-46-00	'DAP	50833	17.47	45.46		98.27	
18-46-00	'DAP	50834	17.57	45.85		99.02	
18-46-00	'DAP	50835	17.73	46.48		100.24	
18-46-00	'DAP	50836	17.57	46.09		99.38	
00-00-60	'MP	50837			60.38	100.63	
00-00-60	'MP	50838			59.28	98.8	
00-00-60	'MP	50839			59.35	98.92	
00-00-60	'MP	50840			60.34	100.57	
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Green River Feed Mill, Inc. Morgantown ,KY							
19-19-19		51392	20.02	22.43	<b>15.96</b>	102.31	
26-18-12		51725	26.22	17.6	12.48	100.5	
26-18-12		51726	27.10	<b>16.94</b>	11.15	99.42	
19-19-19		51848	18.58	19.92	21.57	102.29	
19-19-19		51849	19.22	20.22	19.99	102.04	
19-19-19		51850	20.73	22.88	<b>15.13</b>	103.49	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
25-15-15		51851	24.87	15.99	15.24	100.94	
19-19-20		51852	19.04	19.88	20.49	101.94	
9-23-30		52093	9.34	23.98	29.52	101.83	
19-19-20		52094	19.72	18.92	19.42	100.24	
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GreenPoint Ag, LLC Hardinsburg ,KY							
00-45-00	0-45-0	07603		44.94		99.87	
00-00-60	0-0-60	07604			59.51	99.18	
00-00-50	'SP	51197			49.33	98.66	
46-00-00	'UREA	51198	46.20			100.43	
46-00-00	'UREA	51199	46.16			100.35	
18-46-00	'DAP	51200	18.02	46.4		100.63	
21-00-00	'AS	51201	21.26			101.24	*
00-00-60	'MP	51202			60.43	100.72	
21-15-13		51865	20.55	15.87	13.15	100.01	*
9-15-25		51866	9.71	14.64	25.95	101.73	*
9-15-25		51867	9.35	14.48	26.17	101.56	*
20-16-21		51868	18.25	17.06	23.20	100.72	
9-23-30		51869	9.15	22.03	30.27	98.94	
8-21-32		51870	8.69	20.95	33.5	101.89	
25-15-15		51871	24.69	15.68	16.52	101.95	
25-15-15		51872	24.58	15.66	16.16	101.21	
35-19-00		51957	34.77	20.41		103.27	
15-19-25		51958	14.90	20.9	25.12	102.7	
15-19-25		51959	14.78	20.85	24.73	101.83	
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Greenrite AG Supply Shelbyville ,KY							
00-00-60	'MOP	50635			58.82	98.03	
18-46-00	'DAP	50636	17.82	45.75		99.31	
46-00-00	'UREA	50637	46.20			100.43	
9-23-30		51651	8.98	22.97	30.38	100.41	
20-16-21		51652	18.93	15.97	21.98	98.55	
21-15-20		51653	21.28	14.5	20.57	99.16	
9-23-30		51654	8.87	22.63	30.38	99.57	
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Gro Tec Inc Madison ,GA							
18-24-6	LAWN STARTER FERTILIZER 18-24-6	07396	18.28	23.64	7.41	105.7	
32-00-10	WINTERIZER FERT 32-0-10	07413	32.33		10.37	101.5	*
18-24-6	LAWN STARTER FERT 18-24-6	07414	19.31	27.1	6.62	110.25	
10-10-10	ALL PURPOSE 10-10-10	07415	10.03	11.53	11.07	108.1	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-30-15	COLOR BLOOMS 15-30-15	07416	15.52	30.46	<b>13.73</b>	100.02	
4-10-10	BULB & BLOOM 4-10-10	07417	3.83	9.965	<b>8.70</b>	94.26	*
32-00-10	GRO TEC STA GREEN WINTERIZER 32-0-10	07557	32.56		10.7	102.69	*
32-00-10	32-0-10 STA-GREEN WINTERIZER	07607	32.66		11.26	103.96	*
15-30-15	STA-GREEN COLOR BLOOMS PLANT FOOD	50149	15.86	31.62	15.54	105.16	
6-10-10	EXPERT ALL PURPOSE	50397	6.35	10.4	9.37	101.39	
9-12-12	EXPERT TOMATO & VEG.	50398	8.75	11.9	12.74	100.5	*
8-12-4	EXPERT ROSE	50399	7.32	<b>10.23</b>	3.65	88.39	*
12-10-10	'Ironite Plus	50841	12.14	10.81	11.1	105.69	*
4-10-10	'Bulb & Bloom	50842	5.70	12.725	11.66	126.9	*
28-00-4	'STAGREEN WEED & FEED	50957	27.69		4.25	97.61	
30-00-3	'STA-GREEN CRAB EX PLUS	50959	29.77		3.4	100.08	
15-30-15	'Color Blooms	50992	15.13	31.53	15.56	103.57	
18-24-6	'StaGreen Lawn Starter	51455	17.74	23.56	6.18	98.77	
29-00-5	'StaGreen Lawn Fertilizer + 2% Iron	51459	29.43		5.27	101.87	*
28-00-4	'StaGreen Weed & Feed	51460	27.45		4.12	98.45	
6-10-10	'Expert All Purpose	51635	5.645	<b>8.84</b>	<b>9.08</b>	90.79	
30-00-4	'Expert Gardener Crabgrass Preventer & Fertilizer	51693	30.52		4.81	103.18	
18-24-6	'Sta Green Lawn Starter	51763	19.66	<b>21.81</b>	5.84	99.28	
6-2-1	'Ironite Plus	51767	5.98	2.29	1.22	104.4	*
18-24-6	'Sta-Green Lawn Starter Fertilizer	51815	18.67	23.42	6.56	101.26	
18-24-6	'Sta-Green Lawn Starter 18-24-6	51822	18.83	23.51	6.76	102.12	
29-00-5	'Sta-Green Lawn Fertilizer 29-0-5	51823	29.25		5.48	101.72	*
28-00-3	'Expert Gardener Weed & Feed 28-0-3	51855	29.86		3.94	108.22	
8-12-4	'Expert Gardener Rose 8-12-4	51856	7.74	11.18	3.69	94.44	*
6-10-10	'Expert Gardener All-Purpose 6-10-10	51857	5.80	9.70	<b>9.04</b>	94.9	
19-6-12	'Expert Gardener 19-6-12	51858	20.26	6.69	13.58	108.98	*
9-12-12	'Expert Tomato Veg Plant Food	51924	9.637	<b>10.97</b>	<b>9.93</b>	94.21	*
19-6-12	'Expert Indoor/Outdoor Plant Food	51925	18.85	6.41	13.11	102.85	*
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Growmark Inc Bloomington ,IL							
32-00-00	'UAN 32-0-0	52251	31.54			98.56	
32-00-00	'UAN 32-0-0	52254	31.54			98.56	
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Hancock County Farm Supply, Inc. Hawesville ,KY							
18-46-00	'DAP	50603	17.90	45.53		99.13	
46-00-00	'UREA	50604	46.15			100.33	
00-00-60	'MP	50605			59.75	99.58	
00-00-50	'SP	50606			50.50	101	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		50607	20.46	18.41	19.5	100.76	
19-25-16		51988	18.90	24.62	16.85	101.44	
19-25-16		51989	18.56	24.5	15.97	99.43	
9-23-30		51990	9.30	23.47	29.45	100.74	
9-23-30		51991	9.06	22.59	30.62	100.22	
34-20-00		51992	33.61	19.7		98.95	
34-20-00		51993	33.23	19.77		98.32	
26-33-00		51994	25.89	32.14		98.79	
32-8-11		51995	32.51	7.59	10.78	98.52	
32-8-11		51996	<b>29.30</b>	8.22	15.26	98.89	
31-00-17		51997	30.87		16.79	100.69	
19-19-19		51998	19.77	18.4	19.17	98.87	
32-8-11		51999	32.10	7.87	11.31	98.88	
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Helena Chemical Company - Collierville Collierville ,TN							
00-00-60	MP	07560			59.52	99.2	
18-46-00	DAP	07561	17.97	44.75		98.1	
40-00-00	'AMADIS	50507	39.44			98.6	*
46-00-00	'UREA	50508	46.19			100.41	
21-00-00	'AMS	50509	21.50			102.38	*
00-00-60	'MP	50510			59.86	99.77	
18-46-00	'DAP	50511	17.76	45.52		98.87	
00-00-60	'MP	50512			60.68	101.13	
18-46-00	'DAP	50513	17.68	45.22		98.28	
18-46-00	'DAP	51273	18.19	46.15		100.56	
00-00-60	'MP	51274			<b>58.20</b>	97	
46-00-00	'UREA	51275	46.15			100.33	
21-00-00	'AS	51276	21.25			101.19	*
18-46-00	'DAP	51277	17.68	46.05		99.51	
00-00-60	'MP	51278			59.36	98.93	
8-27-00	'NutriLink HP 8-27-0 Plus Zinc	51418	8.59	26.97		101.82	*
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Helena Chemical Company - Hazel Hazel ,KY							
7-19-35		07558	7.40	18.62	35.11	99.45	*
9-23-30		07559	9.22	23.23	29.32	99.87	
13-15-26		51179	13.14	16.98	25.37	104.59	*
13-15-26		51180	13.38	16.34	25.49	104.04	*
13-15-26		51181	12.78	16.23	25.56	102.49	*
13-15-26		51419	12.83	15.03	26.04	98.35	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
12-19-26		51420	11.99	17.88	27.74	99.81	*
12-19-26		51421	12.05	19.25	25.64	99.57	*
12-19-26		51422	12.05	18.37	27.27	100.21	*
12-19-26		51423	12.45	19.14	25.68	100.31	*
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Helena Chemical Company - Hickman Hickman ,KY							
19-11-20		51279	19.35	11.01	20.37	99.67	*
19-11-20		51280	18.90	12.52	21.52	103.42	*
9-23-30		51281	8.97	22.1	30.24	98.65	
9-23-30		51282	8.74	22.92	29.64	98.83	
23-12-15		51283	22.58	11.5	17.2	101.14	*
23-12-15		51284	22.07	14.18	16.95	104.91	*
31-00-19		51285	31.26		19.97	101.43	
9-23-30		51286	8.83	23.55	29.85	100.43	
9-23-30		51287	8.85	23.49	30.32	100.99	
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Helena Chemical Company - Russellville Russellville ,KY							
28-00-00	'UAN 28%	51501	28.20			100.71	
<hr/>							
Henry Farmers Cooperative - Murray Murray ,KY							
4-16-16		07562	5.57	16.81	16.4	107.45	*
4-16-16		07563	5.71	15.66	17.92	108.3	*
4-16-16		07566	5.32	15.99	17.62	107.18	*
4-16-16		07567	5.22	16.02	16.68	104.64	*
4-16-16		07568	5.41	16.09	18.21	109.21	*
19-15-20		51172	18.43	15.25	20.17	99.83	*
19-15-20		51173	18.76	15.42	19.92	100.55	*
16-18-23		51174	16.00	<b>16.32</b>	22.26	96.1	*
19-17-22		51175	18.75	17.77	21.44	100.71	
32-00-00		51176	30.90			98	*
19-15-20		51177	17.93	14.96	20.43	98.52	*
19-15-20		51178	18.35	16.21	20.08	101.37	*
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Henry Farmers Cooperative - Paris Paris ,TN							
00-00-60	MP	07564			61.86	103.1	
10-40-00	MES 10	07565	11.82	39.36		102.97	*
00-00-60	MP	07615			60.18	100.3	
00-00-60	MP	07616			60.80	101.33	
18-46-00	DAP	07617	18.08	46.47		100.84	
18-46-00	DAP	07618	18.22	44.61		98.34	
21-00-00	'AMS	50515	21.21			101	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	50516			59.75	99.58	
46-00-00	'UREA	50517	46.16			100.35	
18-46-00	'DAP	50518	17.95	47.02		101.43	
46-00-00	'UREA	50519	46.20			100.43	
00-00-60	'MP	50520			59.42	99.03	
18-46-00	'DAP	50521	17.75	46.59		100.44	
00-00-60	'MP	50522			59.48	99.13	
46-00-00	'UREA	51561	46.17			100.37	
00-00-60	'MP	51562			58.70	97.83	
00-00-60	'MP	51563			60.24	100.4	
18-46-00	'DAP	51564	17.99	46.23		100.33	
18-46-00	'DAP	51565	17.86	45.52		99.04	
Henry Farmers Cooperative - Salem Salem ,KY							
9-23-30		07619	9.06	22.95	29.1	98.75	
8-20-34		51557	8.13	20.14	33.58	100.72	
8-20-34		51558	7.73	19.33	34.12	99.11	
28-14-12		51559	28.21	14.06	11.5	99.4	
25-19-13		51560	25.25	18.38	12.94	100.57	
32-23-00		51842	31.59	23.68		100.33	
11-28-24		51843	10.82	28.51	24.35	102.05	
11-28-24		51844	10.43	27.31	25.36	100.5	
Hilander Feed Company Georgetown ,KY							
00-00-60	'MP	50933			58.91	98.18	
46-00-00	'UREA	50934	45.79			99.54	
Hinton Mills at Cynthiana Cynthiana ,KY							
22-12-23		50707	21.53	10.58	23.84	99.15	
41-00-6		51795	41.04		6.29	99.51	
41-00-6		51796	40.24		7.33	99.21	
19-19-19	'Hinton Mills 19-19-19	51818	19.62	19.67	17.85	100.97	
19-6-14		51906	19.95	6.44	13.51	102.08	
19-6-14		51907	20.49	6.62	13.84	104.79	
19-6-14		51908	19.55	6.88	13.75	102.46	
40-00-8		52128	40.85		7.32	100.89	
15-5-19		52129	14.81	5.25	20.92	105.06	*
00-00-56		52130			55.14	98.15	*
17-3-20		52210	<b>14.25</b>	3.27	25.18	110.96	
7-13-20		52211	7.69	12.55	20.19	101.86	

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
19-12-20		52212	19.86	12.02	<b>18.08</b>	98.82	*
24-6-21		52213	24.49	5.69	22.23	103.32	
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Innvictis Crop Care LLC Loveland ,CO							
20-00-6	'Novus K	51662	21.07		6.51	105.85	*
10-20-5	'Captivate EDTA	51663	10.30	18.79	5.68	99.01	*
12-9-6	'V-Agri Plus Micronutrients	51664	12.31	8.77	5.92	100.27	*
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International Mulch Company, Inc. Des Peres ,MO							
4-4-4	ALL PURPOSE 4-4-4	07393	4.11	4.92	4.4	111.41	*
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J. A. Oldfield & Son, Inc. Mize ,KY							
19-19-19	'King 19-19-19	51099	18.56	19.32	20.15	101.19	
37-00-00		51100	37.80			102.72	
19-19-19	'Smallwood 19-19-19	51102	18.35	18.7	19.57	98.85	
5-19-19		51103	7.61	19	18.31	107.93	
19-19-19	'Frederick 19-19-19	51104	18.90	18.87	19.78	100.6	
19-19-19	'Bailey 19-19-19	51105	18.57	18.39	19.77	99.03	
19-19-19	'Fugate 19-19-19	51106	18.57	19	20.08	100.54	
19-19-19	'Denniston 19-19-19	51107	18.65	17.9	19.67	98.18	
5-20-20	'Smallwood 5-20-20	51108	8.15	20.56	21.88	113.88	
19-7-9	'Frederick	51109	18.44	6.34	8.88	98.14	
19-19-19	'Howard 19-19-19	51110	18.62	18.23	19.73	98.79	
10-10-10	'Top Crop	51111	10.08	10.25	10.17	101.61	
19-19-19	'Top Crop	51112	18.89	19.37	19.35	100.9	
15-15-15	'Top Crop	51113	14.97	16.01	14.55	101.46	
12-12-12	'Top Crop	51114	11.73	12.86	12.14	101.85	
18-46-00	'DAP	51115	17.70	45.28		98.4	
00-00-60	'MP	51116			59.93	99.88	
18-46-00	'DAP	51117	17.14	45.38		97.57	
46-00-00	'UREA	51118	45.99			99.98	
00-00-50	'SP	51119			49.73	99.46	
19-19-19	'Top Crop	51744	18.79	18.39	20.43	100.38	
19-19-19	'Top Crop	51791	19.10	19.39	18.14	99.76	
10-10-10	'Top Crop	51816	10.71	10.82	10.33	106.51	
19-19-19	'Top Crop	51817	19.03	19.02	18.82	99.86	
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Janes Fertilizer & Farm Supply Columbia ,KY							
46-00-00	UREA	50244	45.83			99.63	
46-00-00	UREA	50245	45.86			99.7	
00-00-60	MOP	50246			60.71	101.18	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	MOP	50247			61.48	102.47	
18-46-00	DAP	50248	17.77	46.66		100.58	
18-46-00	DAP	50249	18.18	46.45		100.99	
17-22-20		50487	17.12	23.09	20.08	101.89	*
15-16-26		50488	14.28	15.79	28.17	100.51	*
19-19-19		50851	19.99	19.79	19.35	102.03	
19-19-19		50852	18.66	18.98	20.8	99.77	
19-19-19		50853	19.04	19.17	21.21	101.39	
36-00-13		50854	34.79		15.24	100.51	
19-19-19		50855	18.46	19.74	20.84	100.7	
17-15-20		51941	17.74	16.56	19.25	102.28	
19-19-19		52076	19.68	19.01	19.08	99.64	
9-23-30		52077	8.68	22.27	31.6	100.16	
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Kee's Farm Service & Supply, LLC. Grayson ,KY							
00-00-60	'MP	50969			60.07	100.12	
18-46-00	'DAP	50970	17.68	45.87		99.25	
46-00-00	'UREA	50971	46.15			100.33	
23-17-17		51696	23.17	16.96	16.63	100.61	
38-00-11		51697	37.79		10.7	99.95	
32-23-00		51698	31.52	23.24		99.47	
13-11-19		51699	13.23	11.2	20.1	102.13	
13-11-19		51700	13.3	10.99	19.62	100.94	
26-12-17		51701	25.38	12.02	16.86	99.08	
26-00-26		52230	25.14		27.61	101.24	
26-00-26		52231	25.53		27.9	102.62	
10-27-25		52232	9.98	26.3	26.78	100.41	
41-00-7		52233	41.51		6.91	101.8	
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Ken's Value Center Berry ,KY							
34-00-00	'Ammonium Nitrate	52278	34.38			101.12	
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Kentucky Fertilizer - Winchester Winchester ,KY							
19-19-19	19-19-19	50314	<b>17.14</b>	<b>16.57</b>	24.1	98.54	
46-00-00	UREA	50419	45.74			99.43	
18-46-00	DAP	50420	17.81	45.46		98.86	
00-00-60	MOP	50421			60.08	100.13	
14-14-14	'KENTUCKY FERTILIZER	50810	14.19	14.67	13.11	100.56	
10-10-10	'10-10-10	50935	<b>8.97</b>	11.2	<b>8.862</b>	97.06	
19-19-19	'KY GREEN	50936	17.73	18.94	20.18	98.79	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-20-10	'Kentucky Green	51540	11.22	21.09	10.46	107.31	
10-10-10	'Kentucky Green	51541	9.14	9.41	<b>8.24</b>	90.02	
15-15-15	'Kentucky Green	51542	14.44	16.07	15.19	101.26	
5-10-10	'Kentucky Green	51543	5.17	<b>8.79</b>	<b>8.28</b>	90.16	
12-12-12	'Kentucky Green	51544	<b>10.79</b>	12.59	12.06	97.76	
20-10-10	'Kentucky Green	51545	20.60	10	10.17	102.03	
19-19-19	'Kentucky Green	51546	19.20	18.28	18.34	98.24	
12-12-12	'Kentucky Green	51547	12.49	11.65	11.94	100.52	
10-20-20	'Kentucky Green	51548	10.34	20.35	19.26	100.42	
6-24-24	'Kentucky Green	51549	5.98	23.18	23.74	97.88	
5-20-20	'KY Green	51585	5.02	18.88	20.91	98.98	
6-12-12	'KY Green	51588	5.60	12.25	12.02	99.27	
12-12-12	'KY Green	51589	11.91	12.17	11.84	99.84	
19-19-19	'KY Green	51590	18.12	18.42	20.96	99.73	
5-20-20	'KY Green	51713	8.177	19.67	<b>17.00</b>	102.85	
19-19-19	'KY Green	51749	17.92	19.4	21.36	101.61	
10-10-10	'KY Green	51750	14.26	12.44	11.32	128.86	
5-10-15	'KY Green	51751	<b>4.59</b>	<b>8.70</b>	<b>12.94</b>	87.13	
19-19-19	'19-19-19	51754	18.22	19.99	19.35	100.6	
27-3-3	'Kentucky Green	51789	27.38	3.72	5.37	107.94	
9-18-27	'Kentucky Green	51790	9.00	17.27	26.69	98.37	
12-12-12	'Kentucky Green	52192	12.88	13.68	13.50	110.94	
10-10-10	'Kentucky Green	52243	<b>8.22</b>	<b>8.70</b>	10.6	89.94	
19-19-19	'Kentucky Green	52244	<b>17.45</b>	20.51	20.92	102.02	
10-10-10	'Kentucky Green	52245	9.86	10.36	10.25	101.31	
00-10-30	'Kentucky Green	52246		11.34	<b>24.78</b>	92.11	*
19-19-19	'Kentucky Green	52247	17.59	19.92	19.9	99.88	
19-19-19	'Kentucky Green	52263	18.55	18.05	20.29	99.07	
10-10-10	'Kentucky Green	52264	9.44	10.22	9.74	97.84	
19-19-19	'Kentucky Green	52265	18.42	19.58	20.18	101.4	
10-10-10	'Kentucky Green	52266	10.53	11.06	9.56	104.64	
10-10-10	'Kentucky Green	52279	10.51	10.9	9.73	104.44	
12-12-12	'Kentucky Green	52280	13.35	12.69	<b>10.60</b>	103.51	
10-10-10	'Kentucky Green	52281	9.40	10.01	<b>9.06</b>	95.23	
10-10-10	'Kentucky Green	52283	9.89	10.55	9.92	101.24	
10-20-20	'Kentucky Green	52284	11.23	21.87	21.23	109.07	
16-27-14	'Kentucky Green	52285	15.71	27.87	14.1	101.07	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19	'Kentucky Green	52286	18.34	21.98	<b>16.04</b>	99.99	
19-19-19	'Kentucky Green	52287	18.29	20.80	19.37	102.24	
19-35-8	'Kentucky Green	52288	18.86	35.07	7.78	99.59	
22-20-00	'Kentucky Green	52289	22.00	20.82		101.79	
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Kentucky Fertilizer LLC Louisville ,KY							
19-19-19	'KENTUCKY GREEN	50486	18.33	19.09	20.30	100.49	
10-10-10	'KY Green	51712	9.88	11.56	10.23	105.45	
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Knox Fertilizer Company Inc Knox ,IN							
11-22-10	LAWN SCAPE STARTER FERTILIZER 11-22-10	07398	13.7	25.32	9.28	111.3	
10-10-10	knox fert twin pine 10-10-10	07556	10.06	<b>8.88</b>	11.7	101.28	
10-00-10	TWINE PINE	50343	10.94		11.50	111.69	
34-00-00	TWINE PINE	50344	33.81			99.44	
24-8-16	'Kgro All Purpose Plant Food	50924	25.41	7.94	17.46	101.4	*
30-00-4	'LAWNSCAPE CRABGRASS PREVENTER PLUS LAWN FERT	50965	30.12		4.07	100.51	
12-00-6	'LAWNSCAPE WEED & FEED	50966	14.63		8.16	125.31	
29-00-4	'LAWNSCAPE LAWN FERT	50967	30.18		4.55	104.85	
10-10-10	'Twin Pine 10-10-10	51938	9.26	9.19	11.74	98.7	
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Lake Cumberland Farmers Coop. Monticello ,KY							
26-00-26		51319	27.87		27.11	105.9	
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Lebanon Seaboard Corporation Lebanon ,PA							
30-00-3	'WONDERGRO LAWN	50962	<b>13.2</b>		3.37	48.08	*
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Lesco Inc. Cleveland ,OH							
18-24-12	LESCO PROF TURF 18-24-12	07387	18.60	23.54	12.28	100.9	
14-14-14	LESCO 14-14-14	07388	14.40	14.01	14.37	101.9	*
24-00-11	'Lesco Turf Food	50628	24.67		11.57	103.33	*
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Lilly Miller Brands - Atlanta Atlanta ,GA							
6-4-6	ALASKA ALL PURPOSE 6-4-6	07401	7.63	5.2	7.37	126.52	*
5-1-1	'Alaska Fish Fertilizer	51691	4.99	3.32	1.76	137.8	
6-4-6	'Alaska All Purpose	51764	7.73	5.91	6.13	126.02	*
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Loveland Products, Inc. Greeley ,CO							
37-00-00	LOVELAND	07620	37.41			101.11	
7-17-3	'RISE R	50886	7.27	16.71	3.46	101.35	*
7-17-3	'RiseR 7-17-3	51337	7.69	16.42	3.46	102.09	*
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Marshall County Coop Benton ,KY							
18-19-17		51330	16.33	19.35	20.38	102.05	
18-18-17		51331	17.16	18.86	19.19	102.15	
18-18-17		51332	16.84	18.33	21.92	104.32	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-18-17		51711	<b>15.22</b>	19.08	21.67	101.75	
18-18-18		52008	<b>14.97</b>	18.54	21.48	100.19	
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Mays Lick Mill Mayslick ,KY							
24-00-24		52032	23.35		25.61	102.17	
17-12-24		52033	16.19	11.39	26.06	103.03	
24-11-17		52034	23.15	11.11	17.97	100.95	
40-00-8		52035	39.99		7.99	100.02	
00-00-59		52036			58.74	100.15	*
4-17-41		52039	4.17	17.45	39.93	100.3	
17-12-24		52040	16.22	11.28	25.39	101.25	
24-11-17		52041	23.10	11.02	18.06	101	
32-7-13		52042	31.59	7.77	13.53	101.24	
00-00-58		52043			57.67	98.75	*
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Mid States Ag Sales LLC Lavergne ,TN							
00-00-60	MOP	50093			60.08	100.13	
00-00-60	MOP	50094			60.14	100.23	
18-46-00	DAP	50095	17.74	45.33		98.55	
18-46-00	'DAP	50990	17.64	47.55		101.68	
00-00-60	'MP	50991			58.76	97.93	
24-11-9	'24-11-9 Bulk Blend	51529	25.02	11.17	9.45	103.71	
21-00-00	'AS	51530	20.91			99.57	*
00-00-22	'SPM	51531			22.31	101.41	*
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Milwaukee Metro Sewerage District Milwaukee ,WI							
6-4-00	ALL PURPOSE LONG LASTING	50402	6.07	5.76		116.67	*
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Miracle-Gro Lawn Products, Inc. Marysville ,OH							
9-4-12	MIRACLE-GRO SHAKE'N FEED TOMATO, FRUITS & VEGETAB	50148	9.32	4.26	12.72	104.99	*
10-2-8	NATURES CARE RAISED BED PLANT FOOD	50403	<b>8.56</b>	3.17	11.82	117.7	*
12-4-8	'Miracle Gro Shake 'n Feed All Purpose	51458	12.96	4.89	8.48	109.87	*
3-4-2	'Nature's Care Organic/Natural Vegetable, Fruit & Flower	51687	3.64	4.50	2.48	117.86	*
12-4-8	'All Purpose Plant Food	52182	12.16	4.25	8.08	102.07	*
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Mosaic Global Sales, LLC. Lithia ,FL							
00-00-58	0-0-58-0.5B ASPIRE	07496			58.20	100.34	*
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Nutrients Plus LLC Virginia Beach ,VA							
16-2-3	'16-2-3	50629	16.94	2.66	3.12	108.05	*
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Organic Laboratories Inc Fort Pierce ,FL							
4-2-6	'Tomato Maker	51255	8.16	1.57	<b>5.14</b>	134.2	*
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Otis Bryant & Son, Inc. Caneyville ,KY							

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-20		51066	19.41	19.36	20.74	101.96	
19-19-20		51067	18.09	19.32	19.71	97.82	
19-19-20		51068	19.39	20.24	19.54	101.89	
19-19-20		51069	19.46	18.67	20.63	100.69	
19-19-20		51070	19.46	20.81	19.42	102.88	
19-19-19		51071	19.47	19.38	20.04	101.52	
19-19-20		51072	19.39	20.23	19.61	101.96	
19-19-20		51073	19.66	19.02	20.82	101.98	
20-00-34		51074	19.89		34.55	100.71	
9-23-30		51075	10.51	26.5	<b>25.45</b>	103.36	
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Paducah-McCracken Riverport Authority Paducah ,KY							
6-15-40		50150	9.40	24.63	<b>28.57</b>	109.17	
5-12-45		51965	4.66	12.13	45.96	103.03	
5-12-45		51966	4.39	11.79	44.8	100	
9-23-30		51967	8.98	23.99	29.39	100.91	
9-23-30		51968	8.82	22.83	30.74	100.3	
5-12-45		51969	4.39	10.97	44.68	98.2	
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Parrish Shop & Sales, LLC Henderson ,KY							
6-22-5	'6-22-5	50879	7.02	22.15	6.4	107.3	*
7-24-6	'7-24-6	50972	7.34	23.93	6.8	102.52	*
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Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL							
3-3-3	'All Purpose	51038	3.72	5.01	4.54	145.74	*
3-3-5	'Vegetable & Herb	51039	4.03	3.43	8.05	138.18	*
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Perdue AgriBusiness LLC Seaford ,DE							
7-1-1	'MICRO START 60 PLUS PRILL	50939	7.70	1.7	1.31	117.59	*
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Pinnacle Ag - Franklin Franklin ,KY							
8-19-25		07588	8.25	19.88	24.44	101.24	
8-20-27		07641	8.17	21.44	26.57	102.13	*
8-20-27		07642	8.12	20.95	28.46	104.12	*
9-23-30		07643	8.71	22.11	31.92	100.64	
9-23-30		07644	8.98	23.16	31.35	102.15	
5-13-17		07708	6.9	17.22	16.27	116.18	
5-13-17		07709	6.2	14.79	18.29	111.53	
9-23-30		07710	9.18	23.41	<b>20.11</b>	86.95	*
20-16-21		51001	19.41	16.99	22.55	102.18	
20-16-21		51002	19.40	17.43	21.37	101.36	

Pinnacle Ag - Fancy Farm Fancy Farm ,KY

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
16-10-13		50892	15.04	10.18	15.25	101.68	*
10-26-26		51203	10.16	26.62	26.65	101.93	
10-26-26		51204	10.41	27.25	25.57	102.14	
10-26-26		51205	10.20	27.43	<b>24.72</b>	100.91	
9-23-30		51206	<b>7.10</b>	<b>18.97</b>	34.28	94.53	
9-23-30		51207	8.76	22.68	30.99	100.24	
10-26-26		51208	10.44	27.2	25.75	101.94	
10-26-26		51209	10.20	26.23	26.31	100.49	
10-26-26		51210	10.38	27.2	25.87	101.97	
12-6-15		52062	12.07	6.49	16.32	106.28	*
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Pinnacle Ag - Glasgow Glasgow ,KY							
24-16-16		50494	24.73	15.22	15.57	99.7	
24-16-16		50495	24.41	14.62	16.73	99.5	
24-16-16		50496	24.69	15.03	16.17	100.08	
23-20-15		50497	22.30	19.5	16.18	100.88	
19-20-19		50498	18.99	19.14	20.15	99.79	
26-11-14		50499	25.75	11.1	14.82	101.25	
6-15-27		50500	6.18	15.34	28.27	103.35	
27-14-14		50501	26.28	13.49	15.51	100.23	
19-19-19		50502	18.70	18.95	20.92	99.86	
7-17-22		50503	6.78	16.74	22.44	98.76	
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Pinnacle Ag - Hartford Hartford ,KY							
9-23-30		07741	9.23	23.3	30.19	101.25	
9-23-30		07742	9.12	22.62	30.49	100.3	
9-23-30		07743	9.03	22.57	30.89	100.6	
9-23-30		07744	9.43	23.61	29.36	100.99	
9-23-30		07745	9.11	22.73	31.63	102.09	
9-23-30		07746	8.71	22.27	31.64	100.51	
9-23-30		07747	8.67	22.37	32.37	101.64	
9-23-30		07748	8.82	22.63	31.27	100.82	
6-15-40		51659	6.27	16.12	40.67	103.44	
6-15-40		51660	9.652	23.94	<b>28.9</b>	108.84	
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Pinnacle Ag - Melber Melber ,KY							
19-15-20		50383	18.83	16.46	20.38	101.56	*
14-16-28		51211	14.07	16.99	29.57	102.34	
14-16-28		51212	14.16	16.26	28.94	100.33	
9-23-30		51213	8.69	23.08	31.52	101.52	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
9-23-30		51214	9.05	23.19	31.2	102.04	
9-23-30		51215	9.75	24.69	29.4	103.79	
9-23-30		51216	9.56	25.05	<b>28.04</b>	102.23	
9-23-30		51217	9.04	23.66	30.78	102.3	
9-23-30		51218	8.87	23.27	31.9	102.74	
Pinnacle Ag - Russellville Russellville ,KY							
9-23-30		07520	9.07	22.97	29.74	99.72	
9-23-30		07521	9.02	22.76	30.7	100.63	
9-23-30		07522	9.12	23.55	29.64	100.66	
9-23-30		07523	8.97	23.64	30.01	101.04	
12-31-20		07524	12.17	30.21	20.25	99.93	
12-31-20		07525	12.13	30.99	20.02	100.8	
12-31-20		07526	12.17	29.92	20.47	99.76	
10-26-26		07648	10.13	26.48	26.58	101.46	
21-20-17		50999	21.17	18.44	17.81	99.35	
23-18-16		51052	25.38	<b>15.24</b>	15.27	99.56	
Pinnacle Ag - Wingo Wingo ,KY							
9-23-30		51041	8.92	22.39	31.16	100.29	
9-23-30		51042	8.58	21.82	31.59	99.13	
9-23-30		51043	8.98	22.54	30.1	99.27	
9-23-30		51049	8.94	23.25	30.53	101.03	
9-23-30		51050	9.37	23.09	29.43	100.18	
9-23-30		51417	8.63	21.93	31.92	99.87	
9-23-30		52009	9.06	23.59	30.29	101.58	
9-23-30		52010	8.49	23.14	31.36	100.99	
9-23-30		52058	9.27	24.25	28.92	101.38	
9-23-30		52059	8.91	23.94	30.07	101.58	
Pinnacle Agriculture Memphis ,TN							
00-00-60	MOP 0-0-60	07486			60.44	100.73	
00-00-60	MOP 0-0-60	07487			61.87	103.12	
18-46-00	DAP 18-46-0	07488	17.84	46.11		99.88	
12-40-00	MESZ 12-40-0	07489	11.74	41.66		102.48	*
00-00-60	MP	07515			59.51	99.18	
18-46-00	DAP	07516	17.31	45.38		97.83	
00-00-60	MOP 0-0-60	07529			60.92	101.53	
00-00-60	MOP 0-0-60	07530			59.99	99.98	
18-46-00	DAP 18-46-0	07531	18.60	46.95		102.47	

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
18-46-00	18-46-0	07599	18.98	45.45		100.93	
00-00-60	0-0-60	07600			60.80	101.33	
00-00-60	0-0-60	07601			60.26	100.43	
12-40-00	12-40-0 with 10S-1ZN MESZ	07602	11.74	39.23		98.01	*
00-00-60	MP	50143			61.39	102.32	
00-00-60	MP	50144			59.75	99.58	
18-46-00	DAP	50145	17.97	44.81		98.18	
18-46-00	DAP	50146	17.93	45.16		98.63	
00-00-60	MOP	50174			59.83	99.72	
00-00-60	MOP	50175			60.74	101.23	
46-00-00	UREA	50176	45.85			99.67	
21-00-00	AS	50177	21.23			101.1	*
18-46-00	DAP	50178	17.67	45.18		98.2	
18-46-00	DAP	50179	17.99	45.77		99.64	
21-00-00	AS	50219	21.64			103.05	*
00-00-60	MP	50304			60.98	101.63	
00-00-60	MP	50305			61.38	102.3	
18-46-00	DAP	50306	18.08	45.42		99.28	
18-46-00	DAP	50307	17.78	46.09		99.75	
46-00-00	UREA	50375	45.98			99.96	
18-46-00	DAP	50376	17.47	47.04		100.62	
00-00-60	MP	50377			59.93	99.88	
40-00-00	AMIDAS	50378	39.08			97.7	*
18-46-00	DAP	50379	17.94	46.92		101.27	
00-00-60	MP	50380			60.95	101.58	
21-00-00	AS	50381	20.94			99.71	*
00-00-22	K-MAG	50382			21.34	101.3	*
00-00-50	'SP	50820			48.75	97.5	
21-00-00	'AS	50821	21.00			100	*
46-00-00	'UREA	50822	46.02			100.04	
18-46-00	'DAP	50823	17.66	45.53		98.71	
18-46-00	'DAP	50824	17.77	46.6		100.49	
00-00-60	'MP	50825			59.83	99.72	
00-00-60	'MP	50826			59.22	98.7	
46-00-00	'UREA	51045	46.01			100.02	
00-00-60	'MP	51046			59.48	99.13	
18-46-00	'DAP	51047	17.37	45.74		98.51	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
18-46-00	'DAP	51048	17.68	46.18		99.71	
<hr/>							
Pleasant View Agri-Service Auburn ,KY							
18-18-18		51509	17.71	17.62	18.66	100.89	
18-18-18		52095	17.97	17.81	17.83	100.65	
18-18-18		52096	17.52	17.62	18.05	99.73	
18-18-18		52097	17.68	18.9	17.32	101.43	
18-18-18		52108	18.05	18.74	17.38	102.05	
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Pro Ag Sales & Service - Danville Danville ,KY							
46-00-00	UREA	50436	45.99			99.98	
00-00-60	MOP	50437			59.07	98.45	
18-46-00	DAP	50438	17.95	46.67		100.91	
44-00-00	ESN	50439	44.84			101.91	
19-19-19	'PRO AG	50485	20.33	19.48	<b>17.54</b>	101.72	
19-19-19	'PRO AG	50845	18.88	18.88	19.57	100.3	
10-10-10	'PRO AG	50846	9.25	10.15	9.66	96.62	
44-00-00		51314	44.98			101.08	
44-00-00		51315	45.26			101.71	
44-00-00		51316	45.01			101.15	
18-46-00	'DAP	51317	18.16	45.41		99.4	
15-00-40		51318	17.19		<b>37.90</b>	101.29	
15-15-15	'PRO AG 15-15-15	51481	<b>11.51</b>	<b>13.16</b>	<b>13.94</b>	84.64	
19-19-19	'PRO AG 19-19-19	51482	18.24	19.35	19.69	99.95	
6-12-12	'PRO AG 6-12-12	51483	5.59	11.10	<b>10.27</b>	90.46	
12-24-24	'PRO AG 12-24-24	51485	11.39	<b>21.42</b>	25.66	96.33	
32-00-19		51574	31.71		19.01	100.56	
29-00-22		51575	28.58		22.49	99.59	
23-00-30		51576	<b>20.68</b>		31.85	97.28	
23-00-30		51577	21.58		31.21	98.45	
25-13-17		51885	25.99	12.17	16.57	101.12	
26-12-15		51886	27.20	11.28	15.76	101.26	
26-12-15		51887	26.82	11.1	16.66	101.34	
3-7-32		51888	2.79	6.94	32.92	101.01	
3-7-32		51889	2.77	6.9	32.96	100.91	
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Pro Solutions - Crofton Crofton ,KY							
8-21-32		07569	8.23	21.24	31.46	98.55	
8-21-32		07570	8.35	21.56	30.86	98.48	
10-26-26		07571	9.90	25.57	25.73	98.24	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
8-21-32		07572	7.89	20.16	32.54	97.56	
8-21-32		07573	8.27	21.02	31.6	98.46	
5-13-20		07684	5.53	13.62	19.72	103.61	
5-13-20		07685	5.56	12.79	20.61	103.48	
5-12-18		07686	5.45	12.06	17.34	102.6	
5-12-18		07687	5.73	12.52	19.32	110.22	
13-21-26		52064	12.66	20.68	27.16	99.82	
10-26-26		52065	10.08	26.05	25.79	99.51	
<hr/>							
Pro Solutions - Springfield Springfield ,TN							
18-46-00	DAP	07539	17.62	44.80		97.55	
18-46-00	DAP	07540	17.66	45.29		98.35	
18-46-00	DAP	07541	17.50	45.57		98.48	
00-00-60	MP	07542			59.48	99.13	
00-00-60	MP	07543			60.65	101.08	
18-46-00	DAP	50359	17.91	46.56		100.68	
46-00-00	UREA	50360	46.07			100.15	
18-46-00	DAP	50361	18.03	46.95		101.47	
00-00-60	MP	50362			61.10	101.83	
00-00-60	MP	50363			61.09	101.82	
00-00-60	MP	50364			61.62	102.7	
18-46-00	DAP	50365	17.79	46.92		101	
46-00-00	UREA	50366	45.81			99.59	
<hr/>							
Reliance Ag - Russellville Russellville ,KY							
10-25-27		07527	9.35	24.34	28.16	98.87	
10-25-27		07528	<b>8.90</b>	<b>23.16</b>	29.80	98.3	
8-21-24		07575	7.90	20.07	23.78	97.16	*
8-21-24		07576	8.04	20.3	23.95	98.22	*
8-21-24		07577	7.85	20.67	24.7	99.73	*
9-23-24		07597	8.99	23.05	23.8	100.27	*
9-23-24		07598	8.64	22.51	24.05	98.88	*
11-28-24		51053	11.76	27.16	24.04	101.29	
11-28-24		51054	11.30	28.11	24.14	102.12	
11-28-24		51055	11.30	27.48	24.81	101.9	
<hr/>							
Reliance Ag - Trenton Trenton ,KY							
10-25-26		07578	<b>8.76</b>	<b>22.63</b>	29.00	99.21	*
10-25-26		07579	10.32	26.11	25.2	102.93	*
10-25-26		07580	11.46	28.76	<b>20.63</b>	103.2	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
10-25-26		07581	10.48	26.62	24.71	103.41	*
10-25-26		07582	9.58	24.17	26.68	100.18	*
10-25-26		07583	9.67	25.21	26.04	101.23	*
10-25-26		07584	9.29	23.88	27.66	100.5	*
10-25-26		07585	9.89	25.34	26.74	102.93	*
10-25-26		07586	9.83	24.96	25.88	100.9	*
10-25-26		07587	10.04	25.4	25.35	101.32	*
<b>Rip's Farm Center - Tollesboro Tollesboro ,KY</b>							
19-19-19	'Rips Farm Center	52193	18.14	20.13	20.19	101.82	
46-00-00	'UREA	52194	46.12			100.26	
00-00-60	'MP	52195			59.90	99.83	
00-00-50	'SP	52196			49.02	98.04	
18-46-00	'DAP	52197	17.64	45.69		98.91	
12-12-12	'Rips Farm Center	52198	12.74	11.76	11.82	101.41	
19-19-19	'Rips Farm Center	52199	17.94	19.18	20.62	100.26	
18-46-00	'DAP	52200	18.46	45.32		99.79	
9-23-30		52202	8.83	22.22	31.42	100.35	
9-23-30		52203	8.79	22.82	30.79	100.5	
9-19-29		52204	9.65	18.78	28.51	100.59	
14-12-21		52205	13.86	12.16	21.68	102.52	
23-00-00		52206	22.08			96	
4-10-21		52207	3.93	9.5	20.86	98.9	*
4-11-22		52208	4.89	11.73	23.87	105.17	
4-11-22		52209	4.78	12.17	22.01	101.96	
19-19-19	'Rips Farm Center	52262	18.46	19.35	18.61	98.96	
<b>Rod McLellan Company - Oregon Independence ,OR</b>							
4-2-3	'WHITNEY FARMS ORGANIC & NATURAL ALL PURPOSE PLA	50536	4.18	2.32	3.5	110.1	*
<b>Rogers Fertilizer &amp; Services LLC Lebanon ,KY</b>							
46-00-00	'UREA	50648	46.18			100.39	
18-46-00	'DAP	50649	18.11	46.74		101.29	
00-00-60	'MOP	50650			60.90	101.55	
44-00-00	'ESN	50651	45.63			103.7	
21-00-00	'AS	50652	20.71			98.62	*
16-3-14		50653	15.82	3.84	13.84	102.05	*
28-12-15		50654	27.80	12.09	14.66	101.25	
28-12-15		50655	27.94	10.94	15.32	100.36	
16-11-27		50656	16.46	11.25	27.23	101.25	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
27-8-10		50657	27.21	7.97	10.8	101.32	*
27-12-15		50658	27.51	12.12	15.84	102.28	
21-15-20		50659	21.24	15.77	20.99	101.94	
27-00-23		50660	27.04		23.87	102.43	
20-8-11		52226	20.84	8.94	11.66	104.36	
26-15-10		52227	25.56	14.66	11.5	100.11	*
27-6-20		52228	26.95	6.58	20.87	102.19	
<hr/>							
Rootblast International INC Canton ,OH							
2-1-2	'RootBlast	52186	2.37	2.27	2.58	144.14	*
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Scotts Miracle-Gro Products Inc Marysville ,OH							
12-00-00	'Natures Care Blood Meal	51765	14.12			117.67	
<hr/>							
Security Seed - Clarksville Clarksville ,TN							
18-46-00	'HOLLOWAY FARMS DAP	50504	17.77	45.41		98.72	
00-00-60	'HOLLOWAY FARMS MP	50505			59.35	98.92	
9-23-30		50506	8.51	22.82	29.8	98.38	
9-23-30		50514	9.42	22.95	29.9	100.66	
32-00-00	'UAN	50872	31.54			98.56	
32-00-00	'UAN 32%	51508	31.54			98.56	
9-23-30		51727	8.86	22.14	31.5	100.17	
32-00-00	'UAN 32%	52066	31.73			99.16	
<hr/>							
Security Seed and Chemical Henderson ,KY							
31-00-00		52214	30.92			100.39	*
<hr/>							
Seventy Feeds LLC Eubank ,KY							
46-00-00	'UREA	50709	46.11			100.24	
18-46-00	'DAP	50710	17.55	46.77		100.36	
00-00-60	'MOP	50711			58.99	98.32	
19-19-19		51714	19.42	19.14	19.68	100.17	
19-19-19		51715	18.81	19.8	19.95	100.42	
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South Central Farm Supply Gamaliel ,KY							
28-12-15		51300	26.61	12.19	16.38	101.23	
28-13-13		51301	27.25	13.71	14.33	101.16	
28-12-15		51302	27.44	11.86	15.93	101.79	
28-12-15		51307	27.55	11.99	15.94	102.27	
20-19-19		51308	18.82	19.87	21.50	102.6	
28-12-15		51309	28.53	11.91	16.39	104.83	
28-12-15		51310	26.45	12.49	16.13	101.09	
27-11-15		51311	26.80	13.13	14.89	101.55	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
28-12-15		51312	27.10	12.55	16.07	102.51	
21-15-20		51313	20.72	15.23	21.06	99.95	
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Southern FS, INC Marion ,IL							
00-00-60	MP	50151			60.23	100.38	
46-00-00	UREA	50152	46.17			100.37	
18-46-00	DAP	50153	18.05	45.49		99.33	
00-00-60	MP	50154			61.61	102.68	
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Southern States - Bowling Green Bowling Green ,KY							
9-22-29		07589	8.65	22.15	29.45	100.3	*
9-22-29		07590	9.13	22.03	29.24	102.44	*
9-22-29		07591	8.59	22.35	28.63	100.93	*
9-22-29		07592	9.14	23.26	27.42	101.95	*
9-22-29		07593	8.80	22.1	28.28	100.45	*
8-19-33		07594	7.57	19.29	33.9	101.26	*
8-19-33		07595	7.03	18.51	34.58	99.74	*
25-13-17		50452	25.22	12.74	16.61	100.27	
25-13-17		50453	26.07	12.8	16.49	101.08	
25-13-17		50454	24.78	12.87	18.26	100.86	
25-14-14		50455	26.24	14.09	<b>13.10</b>	100.63	
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Southern States - Cadiz Cadiz ,KY							
20-19-19		50524	20.34	19.66	18.19	101.06	
14-36-12		50525	14.83	37.65	11.53	102.72	
21-20-17		50526	20.94	20.97	17.45	102.81	
19-20-19		50529	19.35	20.4	18.49	100.53	
21-20-17		50530	20.99	20.99	16.41	101.49	
21-20-17		50531	20.74	19.61	17.22	99.68	
14-36-11		50532	14.31	37	10.16	101.07	
14-37-10		50533	14.25	37.12	10.19	100.24	
11-27-23		50534	10.62	28.63	22.69	102.27	
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Southern States - Calhoun Calhoun ,KY							
9-23-30		51364	9.02	22.96	30.36	100.45	
9-23-30		51365	9.01	23.07	29.9	100.01	
9-23-30		51366	8.72	22.32	29.84	97.98	
9-23-30		51367	9.23	23.17	28.8	99.26	
8-19-30		51368	7.55	19.3	30.69	99.9	*
24-16-16		51369	24.22	16.55	15.96	101.38	
00-00-42		51370			41.07	97.65	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
10-26-26		51371	10.17	26.01	26.77	100.85	
19-19-19		51372	19.86	19.54	19.69	101.78	
9-23-30		51373	9.25	23.89	31.5	104.65	*
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Southern States - Campbellsville Campbellsville ,KY							
24-16-16		50609	24.35	15.84	15.92	100.29	
19-19-19		50610	19.21	18.07	20.14	100.3	
16-12-30		50866	16.55	11.23	30.03	100.76	
19-19-19		50867	18.37	19.6	21.27	100.89	
38-14-00		51945	37.26	14.02		99.73	
19-19-20		51947	18.84	20.26	20.5	102.22	
9-23-30		51948	9.24	23.66	30.23	101.99	
9-23-30		51949	8.89	23.73	30.96	102.35	
21-13-14		52078	20.38	<b>11.63</b>	<b>11.70</b>	90.72	*
34-00-00		52079	33.65			98.39	*
8-20-34		52153	7.89	19.54	34.84	100.86	
8-20-34		52154	7.20	20.75	33.59	99.9	
8-20-34		52155	7.58	19.74	35.01	100.78	
8-15-38		52156	7.52	16.43	37.89	101.94	
8-15-38		52157	7.55	15.11	38.49	100.34	
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Southern States - Carlisle Carlisle ,KY							
9-19-28		52025	9.65	19.36	28.39	101.36	
24-23-10		52027	23.83	23.08	10.8	101.56	
32-9-11		52028	32.53	8.08	12	100.9	
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Southern States - Cynthiana Cynthiana ,KY							
23-00-24		51773	23.13		24.01	99.13	*
23-00-24		51774	22.77		24.28	98.64	*
23-00-24		51775	22.59		24.5	98.54	*
29-0-22		51777	29.15	0.32	22.11	100.89	*
29-0-22		51778	29.70	0.32	21.05	100.63	*
29-0-22		51779	29.19	0.34	21.20	99.72	*
21-00-28		51780	21.80		28.59	102.74	*
29-0-22		51781	29.27	0.33	20.78	99.26	*
29-0-22		51782	28.48	0.35	22.16	99.58	*
31-00-16		51783	30.43		16.01	98.87	*
23-00-24		51784	23.74		24.74	101.9	*
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Southern States - Elizabethtown Elizabethtown ,KY							
25-15-15		50682	25.27	15.65	15.55	101.64	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
9-14-20		50683	8.73	14.59	20.18	101.03	*
26-33-00		50684	28.80	<b>29.02</b>		98.97	
19-19-19		50685	19.57	18.7	19.59	99.54	
6-16-21		50686	6.35	15.58	21.9	99.5	*
6-16-21		50687	6.67	16.57	20.75	100.79	*
19-19-19		50688	18.94	19.91	19.91	100.78	
19-19-19		50689	19.73	19.32	19.49	100.83	
29-29-00		50690	28.57	29.64		101.58	
29-28-00		50691	28.98	28.18		100.11	
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Southern States - Elkton Elkton ,KY							
13-34-15		07532	13.81	34.36	14.74	100.16	
13-34-15		07533	15.30	33.88	15.89	103.76	
3-14-33		07534	3.37	14.07	31.56	99.68	*
11-28-24		07535	10.90	27.3	23.67	99.25	
13-34-15		07536	13.29	34.74	15.11	100.26	
13-34-15		07537	13.21	33.74	15.82	99.48	
11-28-24		07538	10.79	26.6	23.08	97.06	
6-15-34		50996	5.78	15.31	33.34	98.9	*
11-28-24		50997	10.82	28.31	24.58	102	
6-15-34		50998	6.04	15.88	33.73	101.35	*
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Southern States - Eminence Eminence ,KY							
20-20-15		50814	19.66	20.53	15.91	100.87	*
20-20-15		50815	19.32	20.83	15.79	100.53	*
30-9-14		50816	30.20	8.8	14.09	100.6	
30-9-14		50817	30.08	8.82	14.46	100.89	
14-12-9		51256	14.68	11.68	8.7	100.39	*
14-12-9		51257	13.90	12.37	8.99	100.36	*
14-12-9		51258	14.28	11.31	8.24	97.04	*
14-12-9		51259	14.06	11.3	8.72	97.3	*
19-19-19		51260	18.61	18.21	21.12	98.71	
20-20-15		51909	19.06	20.33	15.18	98.26	*
20-20-15		51910	19.60	21.08	14.08	99.28	*
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Southern States - Flemingsburg Flemingsburg ,KY							
5-5-18		52140	4.91	6.21	17.95	105.84	*
5-5-18		52141	4.47	5.53	18.04	101.13	*
4-10-16		52142	3.72	9.1	17.43	101.13	*
4-10-16		52143	3.92	9.26	15.74	97.82	*

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
4-10-16		52144	3.60	8.99	17.14	99.34	*
4-10-16		52145	4.12	10.39	16.01	103.8	*
21-7-8		52146	20.32	6.54	9	100.45	*
21-7-8		52147	20.24	6.87	8.24	99.55	*
4-10-16		52148	3.76	9.40	16.00	98.5	*
18-5-28		52150	17.46	5.22	27.96	99.25	
18-5-28		52151	17.38	5	29.39	102.37	
18-5-28		52152	17.62	5.57	27.73	99.33	
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Southern States - Franklin Franklin ,KY							
10-26-22		07509	10.15	25.61	21.96	100.02	*
10-26-22		07510	9.97	25.57	22.83	100.88	*
10-26-22		07511	10.12	27.13	21.75	102.36	*
11-28-24		07512	10.76	29.54	24.81	104.23	
10-26-22		07513	10.08	25.87	22.6	101.29	*
10-26-22		07514	9.58	25.26	22.76	99.38	*
10-26-26		07711	10.15	26	26.21	100.08	
10-26-26		07712	10.3	26.63	25.6	100.57	
6-16-14		07713	6.89	16.75	14.41	105.21	*
10-26-26		07719	10.38	25.91	26.88	101.39	
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Southern States - Georgetown Georgetown ,KY							
5-14-42		50937	5.18	13.49	42.31	99.25	
33-00-17		50941	33.24		17.6	101.54	
34-00-15		50943	34.81		15.7	101.71	
6-15-40		51323	6.07	15.17	40.83	101.04	
8-20-32		51324	8.54	20.36	32.08	103.58	
4-10-18		51325	4.13	10.26	18.99	102.32	*
4-11-10		51326	5.23	10.76	10.74	106.71	
6-15-40		51327	7.18	15.27	39.39	101.67	
7-18-36		51328	8.32	19.01	36.15	103.79	
16-12-30		51329	15.82	12.04	30.16	100.85	
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Southern States - Glasgow Glasgow ,KY							
19-13-25		50474	18.05	12.34	26.42	99.22	
19-19-20		50475	18.81	19.89	19.82	100.46	
20-13-23		50476	20.50	12.97	24.07	101.43	
20-13-23		50477	19.85	14.24	23.79	101.98	
20-13-23		50478	20.92	13.28	22.86	101.25	
8-21-32		50479	8.19	21.81	32.45	100.87	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
29-10-14		50480	29.28	9.83	14.09	100.34	
19-19-19		50481	19.03	19.43	20.06	100.35	
19-19-20		50482	19.07	19.5	19.99	100.53	
23-23-11		50492	23.33	22.88	11.53	100.12	
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Southern States - Hardinsburg Hardinsburg ,KY							
6-16-39		07769	6.21	16.31	39.86	101.4	
7-17-38		07770	6.53	16.87	39.16	101.68	
7-17-38		07771	6.45	16.8	37.16	98.43	
7-17-38		07772	6.24	16.64	39.72	101.47	
19-19-20		50601	18.80	19.14	21	100.65	
19-19-19		50602	19.03	19.52	19.51	99.77	
8-21-32		51960	8.82	22.01	31.92	102.09	
38-14-00		51961	37.50	15.06		102.04	
10-26-26		51962	10.44	26.69	26	101.6	
10-26-26		51963	10.51	25.65	27.11	101.38	
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Southern States - Harrodsburg Harrodsburg ,KY							
22-0-7		51926	22.14	0.31	7.03	100.54	*
29-00-19		51927	29.07		20.11	101.95	*
21-20-14		51928	22.02	21.31	13.48	102.85	*
15-00-40		51929	15.15		40.71	101.1	*
29-00-19		51930	28.68		20.47	101.55	*
15-00-40		51931	15.39		40.65	101.16	
13-00-14		51932	12.44		14.48	101.71	
19-17-20		51933	18.27	17.57	20.3	100.2	*
19-17-20		51936	18.39	17.74	20.04	100.41	*
19-17-20		51937	17.52	18.08	21.15	100.68	*
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Southern States - Henderson Henderson ,KY							
8-19-33		07754	7.31	19.48	34.1	101.27	*
8-19-33		07755	7.44	18.86	34.16	100.56	*
6-15-38		07756	5.83	16.04	39.22	103.36	*
6-15-38		07757	5.72	15.85	39.34	103.29	*
7-17-36		07758	6.67	17	36.58	100.38	*
7-17-36		07759	6.37	17.37	36.58	101.1	*
5-14-40		07760	5.12	13.94	40.75	100.94	*
5-13-40		07761	5.02	13.54	41.06	100.81	*
5-14-40		07762	5.41	14.2	40.47	101.67	*
5-13-41		07763	5.37	13.86	41.1	102.12	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
Southern States - Hodgenville Hodgenville ,KY							
27-14-14		50676	28.19	13.8	12.77	101.13	
8-19-33		50677	7.44	19.36	34.06	101.39	
19-19-19		50678	19.27	19.43	19.33	99.87	
18-14-14		50679	17.99	13.93	14.45	100.87	*
19-19-20		50680	19.15	19.37	19.47	99.79	
9-23-30		50681	9.18	24.75	29.3	102.41	
18-10-16		51011	17.86	10.47	15.67	100.31	*
19-19-19		51236	19.43	20.83	18.82	102.1	
19-19-19		51237	19.21	19.66	19.4	100.21	
19-19-19		51241	19.73	19.46	18.91	100.27	
Southern States - Hopkinsville Hopkinsville ,KY							
10-22-24		07574	9.79	21.98	23.98	98.97	*
10-26-25		50049	10.07	25.39	25.53	100.71	*
10-25-25		50050	10.18	26.6	26.3	104.42	*
35-6-7		51093	34.73	5.73	7.33	100.68	*
34-6-8		51094	34.48	5.7	7.92	101.16	*
38-00-00		51095	37.38			98.11	*
20-15-18		51096	19.93	14.16	19.22	100.29	*
9-22-29		51097	8.05	21.13	30.47	98.49	*
9-22-29		51098	8.63	22.9	29.53	101.67	*
9-22-29		51166	<b>7.86</b>	<b>20.29</b>	29.28	94.88	*
9-22-29		51167	8.61	22.42	29.8	101.18	*
Southern States - Horse Cave Horse Cave ,KY							
19-19-19		50493	18.55	<b>17.76</b>	21.14	97.83	
19-19-19		50554	18.58	19.07	21.11	100.17	
23-10-23		50555	24.04	9.88	23.06	103.77	
35-18-00		50556	34.23	18.8		99.55	
22-11-17		50557	23.05	11.17	16.66	101.15	*
18-20-21		50558	17.73	19.47	22.54	101.38	
14-15-30		50559	13.57	14.92	31.56	101.18	
19-19-19		50560	18.43	20.44	20.44	101.38	
23-10-23		50561	22.96	9.62	23.31	101.25	
17-17-21		50562	16.61	17.33	21.39	101.02	*
Southern States - Liberty Liberty ,KY							
19-19-19		50616	19.10	19.23	20.68	100.94	
13-13-13		50617	12.60	12.19	14.39	100.64	
29-00-22		50618	28.04		24.48	101.27	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
29-00-22		50619	27.41		24.00	99.1	
19-19-19		50620	19.24	18.79	20.35	100.02	
19-19-19		52221	18.53	19.52	20.59	100.25	
19-19-19		52222	18.78	19.6	19.6	99.6	
26-14-14		52248	25.97	14.47	15.4	100.97	
6-16-39		52274	5.93	16.09	38.97	99.15	
19-19-19		52275	19.10	20.81	18.91	101.4	
Southern States - London London ,KY							
19-19-19		06131	18.78	19.66	20.84	101.4	
19-19-19	19-19-19 BAG SS	07407	18.76	20.01	20.43	102.4	
10-10-10		51144	9.56	9.45	9.23	98.2	
19-19-19		51145	19.35	19.98	19.98	101.87	
20-19-19		51146	19.65	20.73	17.99	101.07	
19-19-19		51147	19.57	18.79	20.39	100.79	
10-10-10		51148	10.10	9.97	10.94	102.62	
19-19-19		51149	19.74	19.77	19.19	101.3	
19-19-19		51150	19.78	19.37	19.81	101.44	
20-19-19		51151	19.55	19.46	19.72	101.07	
19-19-19		51152	19.65	20.18	19.14	101.74	
13-13-13		51153	12.54	13.63	12.52	100.53	
19-19-19		51154	19.58	19.47	20	101.48	
19-19-19		51155	19.50	19.9	19.86	101.89	
19-19-19	'SS	51156	20.07	19.46	18.51	102.44	
10-10-10	'SS	51157	10.03	10.7	9.89	102.24	
6-12-12	'Southern States	51424	6.41	12.23	12.96	105.1	
Southern States - Maysville Maysville ,KY							
14-11-16		52109	14.26	10.65	16.12	100.68	*
5-12-45		52110	4.76	11.61	44.01	99.33	
27-9-17		52115	26.82	9.36	17.54	99.93	
27-9-17		52116	27.11	9.2	18.02	100.93	
5-12-19		52117	<b>4.34</b>	<b>10.44</b>	19.74	95.15	
32-00-18		52118	31.48		18.5	99.08	
11-00-14		52119	10.6		13.43	97.09	*
27-9-17		52120	26.82	<b>8.015</b>	18.78	99.15	
27-9-17		52121	26.95	<b>8.105</b>	19.01	99.88	
21-5-10		52122	20.02	4.31	11.78	100.22	*
21-5-10		52123	19.95	4.035	11.24	98.14	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
21-5-10		52124	20.22	4.54	10.7	99.28	*
21-5-10		52125	19.5	4.105	10.80	95.98	*
21-5-10		52126	20.15	4.17	11.18	99.03	*
21-5-10		52127	20.06	4.36	10.88	98.64	*
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Southern States - Morganfield Morganfield ,KY							
7-18-36		50664	7.04	17.74	37.53	100.53	
7-18-36		50665	6.95	17.74	36.63	99.08	
7-19-36		50666	6.94	17.58	37.75	100.21	
7-18-36		50667	7.06	18.09	36.90	100.28	
7-18-36		50668	7.01	18.34	36.57	100.23	
7-18-36		50723	6.69	17.44	37.34	98.94	
7-18-36		50725	6.82	18.09	35.7	98.16	
8-21-32		50726	8.51	21.07	32.53	100.29	
8-21-32		50727	8.07	20.74	33.28	99.74	
25-15-15		50728	25.48	14.72	15.5	100.37	
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Southern States - Nicholasville Nicholasville ,KY							
33-00-16		51718	33.12		16.94	100.09	
33-00-16		51719	33.66		15.81	99.68	
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Southern States - Owensboro Owensboro ,KY							
12-31-20		07613	12.08	29.74	20.24	98.98	
12-31-20		07614	12.01	29.12	20.9	98.74	
9-23-30		51182	9.61	24.09	28.99	101.88	
13-20-26		51183	12.83	20.29	26.94	99.51	
13-20-26		51184	12.76	21.38	26.55	100.8	
13-20-26		51185	13.20	21.28	26.2	101.08	
19-19-19		51186	18.96	19.46	21.08	101.58	
11-19-25		51187	10.50	19.9	26.66	103.1	*
11-19-25		51188	10.52	20.16	25.22	101.54	*
11-19-25		51189	10.55	20.06	25.19	101.37	*
11-19-25		51190	10.45	19.69	25.1	100.27	*
11-19-25		51191	10.56	20.33	25.18	101.91	*
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Southern States - Owenton Owenton ,KY							
27-14-14		50470	26.98	14.85	14.34	102.53	
30-6-16		51599	30.61	<b>5.205</b>	16.82	100.75	
19-14-20		51600	19.34	13.38	20.38	99.21	
19-14-20		51601	19.20	<b>13.05</b>	21.48	101.44	
15-00-40		51602	15.18		40.16	99.88	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
23-00-30		51603	23.55		29.29	100.24	
3-7-37		51604	4.36	8.07	35.84	106.13	
33-5-13		51605	33.27	5.23	13.21	101.57	*
19-19-19		51606	19.19	19.62	19.64	100.52	
19-14-20		51607	19.04	13.37	21.35	101.27	
19-14-20		51608	19.81	14.34	20.24	100.77	
2-6-19		51609	3.46	6.42	<b>17.04</b>	101.46	*
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Southern States - Owingsville Owingsville ,KY							
23-00-30		52013	21.99		30.98	99.08	
19-19-19		52014	19.35	20.46	18.77	101.1	
19-14-20		52015	18.91	14.66	20.68	101.1	
19-14-20		52016	19.06	14.8	21.2	102.86	
22-12-22		52017	22.49	11.41	22.57	101.36	
26-7-19		52018	25.33	6.61	19.88	103.45	
19-14-20		52019	18.66	14.03	21.94	103.21	
19-14-20		52020	19.55	14.11	20.72	101.47	
24-9-18		52021	25.31	14.22	<b>13.17</b>	96.4	
21-00-27		52022	20.96		27.68	101.73	
21-00-27		52023	22.49		26.81	101.76	
19-19-19		52024	19.01	20.74	19.41	101.73	
<hr/>							
Southern States - Richmond Richmond ,KY							
19-19-19		52080	18.71	19.42	19.47	98.86	
9-23-30		52087	9.00	22.86	30.49	100.4	
29-12-12		52088	28.79	11.64	13.08	99.39	
29-12-12		52089	29.35	12.54	11.91	100.62	
19-19-19		52090	<b>17.61</b>	<b>15.27</b>	25.84	97.64	
29-12-12		52091	28.41	12.21	13.17	99.73	
29-12-12		52092	29.43	12.23	11.73	99.99	
<hr/>							
Southern States - Richmond VA Richmond ,VA							
11-52-00	MAP	07451	11.42	50.53		98.52	
00-00-60	MP	07452			60.14	100.23	
00-00-60	MP	07453			58.91	98.18	
11-52-00	MAP	07454	11.37	51.11		99.32	
00-00-60	MOP 0-0-60	07469			59.70	99.5	
00-00-60	MOP 0-0-60	07470			58.84	98.07	
18-46-00	DAP 18-46-0	07471	17.86	45.45		98.94	
00-00-22	K-MAG 0-0-22	07472			21.9	99.55	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
00-00-60	MOP 0-0-60	07473			60.83	101.38	
00-00-60	MOP 0-0-60	07474			60.28	100.47	
00-00-60	MOP 0-0-60	07475			59.75	99.58	
18-46-00	DAP 18-46-0	07476	17.96	46.59		100.8	
00-00-22	K-MAG 0-0-22	07477			22.32	101.48	*
11-52-00	MAP 11-52-0	07478	11.27	50.94		98.87	
11-52-00	MAP 11-52-0	07479	11.14	51.28		99.15	
11-52-00	MAP 11-52-0	07480	11.16	52.60		101.21	
18-46-00	DAP 18-46-0	07481	18.16	45.6		99.69	
00-00-60	MOP 0-0-60	07482			59.33	98.88	
00-00-60	MOP 0-0-60	07483			60.64	101.07	
00-00-60	MOP 0-0-60	07484			60.22	100.37	
00-00-60	MOP 0-0-60	07485			59.01	98.35	
00-00-60	0-0-60	07609			60.67	101.12	
18-46-00	18-46-0	07610	17.99	45.12		98.68	
00-00-60	0-0-60	07611			61.99	103.32	
21-00-00	21-0-0 AMMONIUM SULFATE	07612	21.37			101.76	*
00-00-60	MOP	07626			60.56	100.93	
18-46-00	DAP	07627	17.93	45.31		98.86	
18-46-00	DAP	07628	17.92	46.24		100.21	
18-46-00	DAP	07630	18.11	45.45		99.38	
00-00-60	MOP	07631			59.65	99.42	
18-46-00	DAP 18-46-0	07632	17.93	45.89		99.71	
00-00-60	MOP	07633			60.35	100.58	
18-46-00	DAP 18-46-0	07645	18.14	47.42		102.35	
00-46-00	TSP	07693		45.82		99.61	
18-46-00	DAP	07694	17.85	45.3		98.7	
00-46-00	TSP	07695		45.39		98.67	
18-46-00	DAP	07696	17.86	44.86		98.07	
00-00-60	MP	07697			59.94	99.9	
21-00-00	AS	07698	20.96			99.81	*
00-00-60	MP	07700			61.48	102.47	
00-00-60	MP	07701			60.12	100.2	
00-00-60	MP	07702			60.70	101.17	
18-46-00	DAP	07703	18.13	45.54		99.55	
00-00-60	MP	07714			59.26	98.77	
00-00-60	MP	07715			60.22	100.37	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
00-00-60	MP	07716			60.70	101.17	
18-46-00	DAP	07717	17.68	45.34		98.46	
18-46-00	DAP	07718	18.23	44.42		98.08	
18-46-00	DAP	07731	17.90	46.54		100.62	
00-00-60	MP	07732			61.06	101.76	
11-52-00	MAP	07733	11.36	52.25		101.05	
00-00-60	MP	07734			60.11	100.18	
00-44-00	TSP	07735		44.57		101.3	
18-46-00	DAP	07736	17.94	46.11		100.06	
00-44-00	TSP	07737		44.85		101.93	
11-52-00	MAP	07738	11.20	52.08		100.49	
00-44-00	TSP	07739		44.73		101.66	
00-00-22	K-MAG	50003			22.95	104.32	*
46-00-00	UREA	50004	46.06			100.13	
00-00-60	MOP	50005			61.48	102.47	
18-46-00	DAP	50006	17.42	45.6		98.39	
18-46-00	DAP	50007	17.28	45.66		98.23	
46-00-00	UREA	50008	46.03			100.07	
46-00-00	UREA	50009	46.04			100.09	
00-00-60	MOP	50010			59.93	99.88	
18-46-00	DAP	50011	17.48	45.55		98.42	
00-00-60	MOP	50012			60.44	100.73	
00-00-60	MOP	50013			59.06	98.43	
46-00-00	UREA	50014	45.91			99.8	
46-00-00	UREA	50017	45.95			99.89	
18-46-00	DAP	50018	17.38	45.96		98.86	
46-00-00	UREA	50019	46.20			100.43	
00-00-60	MOP	50020			60.10	100.17	
46-00-00	UREA	50037	46.19			100.41	
00-00-60	MOP	50038			60.74	101.23	
00-00-60	MOP	50039			59.51	99.18	
18-46-00	DAP	50040	17.61	45.27		98.23	
18-46-00	DAP	50041	17.13	45.71		98.05	
46-00-00	UREA	50051	46.13			100.28	
46-00-00	UREA	50052	45.91			99.8	
46-00-00	UREA	50053	45.96			99.91	
46-00-00	UREA	50054	45.94			99.87	

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
46-00-00	UREA	50055	46.11			100.24	
00-00-60	MOP	50056			60.56	100.93	
18-46-00	DAP	50057	18.17	46.68		101.31	
00-00-60	MOP	50058			58.84	98.07	
27-00-00	27-0-0	50081	27.77			102.85	
00-00-60	MOP	50082			59.85	99.75	
46-00-00	UREA	50083	46.14			100.3	
46-00-00	UREA	50084	46.02			100.04	
46-00-00	UREA	50085	46.11			100.24	
18-46-00	DAP	50086	17.89	46.62		100.73	
18-46-00	DAP	50087	17.75	46.44		100.22	
00-00-60	MOP	50088			60.00	100	
46-00-00	UREA	50089	46.04			100.09	
00-00-60	MP	50100			59.27	98.78	
00-00-60	MP	50101			59.72	99.53	
00-00-60	MP	50102			60.94	101.57	
18-46-00	DAP	50103	18.04	46.51		100.83	
18-46-00	DAP	50104	17.64	46.43		100.01	
18-46-00	DAP	50105	17.88	45.76		99.43	
46-00-00	UREA	50106	46.20			100.43	
46-00-00	UREA	50118	45.66			99.26	
46-00-00	UREA	50119	45.38			98.65	
46-00-00	UREA	50120	45.62			99.17	
18-46-00	DAP	50121	17.76	45.82		99.31	
00-00-60	MOP	50122			60.40	100.67	
21-00-00	AS	50130	21.21			101	*
00-00-60	MP	50131			59.70	99.5	
18-46-00	DAP	50132	18.08	45.4		99.25	
00-00-60	MOP	50160			60.75	101.25	
00-00-60	MOP	50161			60.79	101.32	
00-00-60	MOP	50162			60.13	100.22	
21-00-00	AS	50163	21.27			101.29	*
18-46-00	DAP	50164	18.16	45.18		99.06	
46-00-00	UREA	50165	46.20			100.43	
46-00-00	UREA	50166	46.18			100.39	
46-00-00	UREA	50167	45.96			99.91	
18-46-00	DAP	50168	17.89	45.89		99.64	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
00-00-60	MOP	50169			60.32	100.53	
18-46-00	DAP	50170	17.73	44.68		97.56	
46-00-00	UREA	50171	45.79			99.54	
00-00-60	MOP	50172			60.04	100.07	
18-46-00	DAP	50173	17.71	45.23		98.35	
46-00-00	UREA	50204	46.11			100.24	
18-46-00	DAP	50205	17.73	45.46		98.72	
00-00-60	MOP	50206			60.77	101.28	
00-00-22	KMAG	50211			<b>18.81</b>	85.5	*
11-52-00	MAP	50212	10.92	50.98		98.28	
21-00-00	AS	50213	21.07			100.33	*
18-46-00	DAP	50214	18.06	46.34		100.61	
00-00-60	MP	50215			61.17	101.95	
46-00-00	UREA	50216	45.98			99.96	
46-00-00	UREA	50217	46.01			100.02	
00-00-60	MP	50220			60.45	100.75	
00-00-60	MP	50221			60.78	101.3	
46-00-00	UREA	50222	46.10			100.22	
46-00-00	UREA	50223	46.13			100.28	
18-46-00	DAP	50224	17.94	45.12		98.58	
18-46-00	DAP	50225	18.08	46.5		100.88	
18-46-00	DAP	50226	17.89	45.71		99.38	
18-46-00	DAP	50227	17.80	45.76		99.29	
00-00-50	SP	50228			49.88	99.76	
00-00-60	MP	50271			59.29	98.82	
00-00-60	MP	50272			60.82	101.37	
46-00-00	UREA	50273	46.19			100.41	
46-00-00	UREA	50274	46.20			100.43	
46-00-00	UREA	50275	46.20			100.43	
18-46-00	DAP	50276	17.99	46.62		100.91	
46-00-00	UREA	50320	46.20			100.43	
00-00-60	MP	50321			60.58	100.97	
00-00-60	MP	50322			58.97	98.28	
18-46-00	DAP	50323	18.12	45.95		100.14	
18-46-00	DAP	50324	17.81	45.43		98.82	
46-00-00	UREA	50325	45.92			99.83	
46-00-00	UREA	50326	45.82			99.61	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
46-00-00	UREA	50327	45.82			99.61	
11-52-00	MAP	50328	11.10	50.14		97.32	
18-46-00	DAP	50329	17.64	46.79		100.55	
18-46-00	DAP	50330	17.58	45.6		98.67	
00-00-60	MP	50331			60.42	100.7	
00-00-60	MP	50332			60.13	100.22	
32-00-00	UAN 32%	50333	33.20			103.75	
46-00-00	UREA	50334	45.96			99.91	
18-46-00	DAP	50335	17.63	46.25		99.72	
00-00-60	MOP	50336			60.01	100.02	
21-00-00	AS	50337	21.02			100.1	*
00-00-50	SOP	50338			49.44	98.88	
00-00-60	MOP	50339			59.51	99.18	
46-00-00	UREA	50340	45.87			99.72	
18-46-00	DAP	50341	17.71	45.64		98.96	
00-00-60	MP	50345			59.82	99.7	
46-00-00	UREA	50346	45.95			99.89	
18-46-00	DAP	50347	17.47	46.16		99.31	
00-00-60	MP	50404			59.15	98.58	
18-46-00	DAP	50405	17.54	45.74		98.81	
18-46-00	DAP	50406	17.44	45.80		98.72	
18-46-00	DAP	50407	17.62	45.2		98.14	
46-00-00	UREA	50408	45.93			99.85	
00-00-60	MP	50409			60.83	101.38	
00-00-60	MP	50410			59.98	99.97	
46-00-00	UREA	50457	46.00			100	
00-00-60	MOP	50458			59.14	98.56	
00-00-50	SOP	50459			49.24	98.48	
46-00-00	UREA	50460	46.17			100.37	
18-46-00	DAP	50461	17.97	44.69		98	
18-46-00	DAP	50462	17.77	46.63		100.54	
00-00-50	SOP	50463			49.07	98.14	
46-00-00	UREA	50464	46.07			100.15	
46-00-00	UREA	50465	46.20			100.43	
00-00-60	MOP	50466			60.01	100.02	
00-00-60	'MP	50540			60.41	100.68	
00-00-60	'MP	50541			59.28	98.8	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
18-46-00	'DAP	50542	18.03	46.63		100.99	
18-46-00	'DAP	50543	17.97	47		101.44	
46-00-00	'UREA	50544	46.19			100.41	
46-00-00	'UREA	50545	45.98			99.96	
46-00-00	'UREA	50546	46.07			100.15	
18-46-00	'DAP	50593	18.10	45.86		99.97	
00-00-60	'MP	50594			59.49	99.15	
21-00-00	'AS	50595	20.61			98.14	*
00-00-50	'SP	50596			48.96	97.92	
00-00-60	'MP	50597			59.09	98.48	
18-46-00	'DAP	50598	17.92	45.21		98.68	
46-00-00	'UREA	50599	46.07			100.15	
46-00-00	'UREA	50600	45.97			99.93	
18-46-00	'DAP	50608	17.41	46.54		99.77	
18-46-00	'DAP	50640	17.64	45.1		98.03	
18-46-00	'DAP	50641	18.23	46.04		100.46	
18-46-00	'DAP	50642	17.98	45.93		99.86	
00-00-60	'MOP	50643			60.07	100.12	
11-52-00	'MAP	50661	11.18	52.44		101	
46-00-00	'UREA	50662	45.99			99.98	
00-00-60	'MP	50663			59.74	99.57	
18-46-00	'DAP	50669	17.53	46.74		100.28	
46-00-00	'UREA	50670	46.08			100.17	
46-00-00	'UREA	50671	46.16			100.35	
00-00-60	'MP	50672			60.04	100.07	
00-00-60	'MP	50673			61.35	102.25	
00-00-60	'MP	50674			58.99	98.32	
18-46-00	'DAP	50675	18.07	46.52		100.9	
00-00-50	'SP	50692			49.02	98.04	
21-00-00	'AS	50693	21.28			101.33	*
46-00-00	'UREA	50694	46.14			100.3	
46-00-00	'UREA	50695	46.10			100.22	
46-00-00	'UREA	50696	46.07			100.15	
18-46-00	'DAP	50697	17.79	45.67		99.14	
00-00-22	'KMAG	50698			<b>18.45</b>	83.86	*
00-00-60	'MP	50699			60.34	100.57	
00-00-60	'MP	50700			60.38	100.63	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
18-46-00	'DAP	50701	17.47	46.42		99.7	
46-00-00	'UREA	50720	46.12			100.26	
18-46-00	'DAP	50721	17.88	45.43		98.94	
00-00-60	'MOP	50722			58.97	98.28	
00-00-22	'SPM	50798			22.21	100.95	*
00-00-60	'MP	50799			58.73	97.88	
46-00-00	'UREA	50800	45.89			99.76	
00-00-50	'SP	50801			48.93	97.86	
18-46-00	'DAP	50802	17.81	46.29		100.1	
46-00-00	'UREA	50803	46.05			100.11	
46-00-00	'UREA	50804	46.17			100.37	
18-46-00	'DAP	50805	17.90	46.86		101.11	
00-00-60	'MOP	50806			59.88	99.8	
18-46-00	'DAP	50807	17.71	46.85		100.76	
00-00-60	'MOP	50818			59.25	98.75	
18-46-00	'DAP	50819	17.68	45.7		98.99	
19-19-19	'19-19-19	50858	19.20	18.65	19.97	101.1	
34-00-00	'Super Kicker	50859	33.74			99.24	*
10-10-10	'SS 10-10-10	50860	9.78	11.1	10.59	104.39	
46-00-00	'UREA	50861	46.17			100.37	
00-00-60	'MP	50862			60.59	100.98	
18-46-00	'DAP	50863	17.67	46.49		100.15	
18-46-00	'DAP	50864	17.78	45.29		98.56	
21-00-00	'AS	50865	21.22			101.05	*
19-19-19	'SS	50869	19.40	19.11	19.32	101.48	
20-10-10	'Southern States	50922	19.74	11.25	10.67	103.53	
18-46-00	'DAP	50925	18.09	46.08		100.28	
18-46-00	'DAP	50926	17.94	44.93		98.3	
18-46-00	'DAP	50927	17.71	45.27		98.41	
18-46-00	'DAP	50928	17.94	44.97		98.36	
46-00-00	'UREA	50929	46.11			100.24	
00-00-60	'MP	50930			61.39	102.32	
00-00-60	'MP	50931			60.61	101.02	
00-00-60	'MP	50932			60.94	101.57	
00-00-22	'K-MAG	50940			22.68	103.09	*
00-00-50	'SOP	50942			50.50	101	
00-00-60	'MP	50948			61.08	101.8	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
00-00-60	'MP	50949			60.47	100.78	
00-00-60	'MP	50950			61.39	102.32	
46-00-00	'UREA	51025	46.17			100.37	
18-46-00	'DAP	51026	18.05	46.03		100.13	
00-00-60	'MOP	51027			59.45	99.08	
46-00-00	'UREA	51028	45.94			99.87	
18-46-00	'DAP	51029	17.90	46.4		100.42	
00-00-60	'MOP	51030			59.69	99.48	
46-00-00	'UREA	51192	46.16			100.35	
00-00-60	'MP	51219			60.49	100.82	
00-00-60	'MP	51220			60.72	101.2	
46-00-00	'UREA	51221	46.19			100.41	
46-00-00	'UREA	51222	45.95			99.89	
18-46-00	'DAP	51223	17.74	46.08		99.66	
18-46-00	'DAP	51225	17.93	45.68		99.4	
18-46-00	'DAP	51228	18.10	45.68		99.7	
18-46-00	'DAP	51229	17.93	46.59		100.76	
46-00-00	'UREA	51231	46.00			100	
00-00-60	'MP	51232			60.40	100.67	
00-00-60	'MP	51233			59.87	99.78	
46-00-00	'UREA	51242	46.14			100.29	
18-46-00	'DAP	51243	18.04	46.03		100.11	
00-00-60	'MOP	51244			59.91	99.85	
00-00-60	'MOP	51245			61.04	101.73	
18-46-00	'DAP	51271	17.54	45.21		98.02	
00-00-60	'MOP	51272			59.45	99.08	
19-19-19	'Southern States	51537	18.94	19.32	19.17	100.68	
19-19-19	'Southern States	51539	18.66	20.31	18.29	100.69	
19-19-19	'Southern States	51550	18.94	19.08	18.36	99.16	
34-00-00	'Super Kicker	51581	33.03			97.15	
46-00-00	'UREA	51582	45.98			99.96	
18-46-00	'DAP	51583	17.77	45.39		98.69	
00-00-60	'MOP	51584			<b>56.41</b>	94.02	
00-00-60	'MOP	51681			60.31	100.52	
00-00-60	'MOP	51682			59.44	99.07	
46-00-00	'Urea	51683	45.99			99.98	
46-00-00	'Urea	51684	45.95			99.89	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	51685	46.14			100.3	
18-46-00	'DAP	51686	17.79	46.21		99.95	
19-19-19	'Southern States	51694	19.27	19.52	18.6	100.97	
46-00-00	'UREA	51720	46.19			100.41	
00-00-60	'MOP	51721			59.11	98.52	
18-46-00	'DAP	51722	17.98	44.75		98.1	
19-19-19	'SS	51742	20.66	20.25	18.99	105.75	
00-00-60	'MOP	51768			61.83	103.05	
18-46-00	'DAP	51769	17.63	46.02		99.38	
46-00-00	'UREA	51770	46.18			100.39	
20-00-00	'AS	51771	20.8			101.46	*
00-00-50	'SP	51785			50.14	100.28	
19-19-19	'SS	51786	19.13	19.89	18.57	101.3	
37-00-00	'Super Kicker Plus Top Dresser	51788	<b>35.64</b>			96.32	*
19-19-19	'SS	51893	19.06	18.68	20.45	101.5	
18-46-00	'DAP	51897	18.05	45.28		99.02	
00-00-22	'KMAG	51899			22.53	102.41	*
19-19-19	'SS	51901	18.63	21.20	18.99	103.17	
46-00-00	'UREA	51902	46.03			100.07	
21-00-00	'AS	51903	20.94			99.71	*
00-00-50	'SP	51904			49.65	99.3	
00-00-60	'MP	51905			<b>58.52</b>	97.53	
00-00-50	'Sop	51911			49.5	99	
00-00-60	'MOP	51912			59.92	99.87	
18-46-00	'DAP	51913	17.74	45.07		98.16	
00-00-50	'SP	51934			50.64	101.28	
00-00-50	'SP	52029			50.07	100.14	
34-00-00	'Super Kicker Plus	52030	<b>32.1</b>			94.41	*
18-46-00	'DAP	52044	17.86	46.33		100.25	
00-00-50	'SP	52045			50.22	100.44	
00-00-60	'MP	52046			58.78	97.97	
18-46-00	'DAP	52047	18.09	46.28		100.57	
46-00-00	'UREA	52083	46.06			100.13	
18-46-00	'DAP	52084	17.93	45.71		99.45	
00-00-60	'MOP	52085			59.52	99.2	
00-00-50	'SOP	52086			50.55	101.1	
11-52-00	'MAP	52112	11.26	51.3		99.39	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-50	'SP	52113			49.59	99.18	
46-00-00	'UREA	52114	46.16			100.35	
46-00-00	'Urea	52175	46.10			100.22	
18-46-00	'DAP	52176	17.90	46.37		100.38	
00-00-60	'MOP	52177			60.40	100.67	
00-00-22	'K-Mag	52178			22.37	101.68	*
00-00-50	'SOP	52179			50.77	101.54	
19-19-19	'Southern States	52234	19.39	20.01	19.14	102.83	
32-00-00	'UAN 32-0-0	52250	31.54			98.56	
46-00-00	'Southern States	52267	46.08			100.17	
34-00-00	'Super Kicker Plus	52269	33.06			97.24	*
34-00-00	'Super Kicker Plus	52270	33.42			98.29	*
10-20-15	'Southern States Premium	52271	12.1	<b>15.64</b>	15.14	95.84	*
19-19-19	'Southern States	52273	19.52	20.72	18.65	103.73	
Southern States - Russellville Russellville ,KY							
13-14-32		07596	12.87	13.38	32.66	99.69	
4-17-36		07646	3.87	17.62	36.06	101.48	*
5-26-22		07724	5.64	25.11	23.13	102.13	*
5-26-22		07725	5.73	25.6	22.57	102.38	*
38-00-00		50572	37.86			99.14	*
41-00-00		50573	40.42			98.61	*
34-8-9		50574	35.21	7.94	8.8	101.34	
13-18-25		50575	14.00	18.84	24.88	103.39	*
17-11-24		50576	17.22	10.8	24.77	101.51	*
12-29-22		51000	11.21	29.31	22.39	100.17	
Southern States - Russellville Fertilizer Plant Russellville ,KY							
15-15-15	SS 15-15-15	07505	14.40	15.47	16.14	101.55	
Southern States - Sebree Sebree ,KY							
9-23-30		51227	8.73	22.28	30.68	99.05	
Southern States - Shelbyville Shelbyville ,KY							
6-16-35		50638	6.24	15.65	36.03	101.01	*
6-16-35		50639	6.30	15.95	35.75	101.36	*
9-23-30		50644	8.76	22.78	31.47	101.06	
34-00-15		51473	34.82		15.58	101.57	
5-12-45		51474	4.73	12.63	44.51	101.74	
6-15-40		51475	6.11	15.54	39.89	100.51	
22-13-19		51476	22.40	12.94	19.04	101.36	*

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
21-12-20		51477	20.25	12.58	21.68	100.14	*
6-15-40		52049	5.90	15.77	41.04	102.07	
17-6-18		52050	16.59	7.06	17.53	100.28	
22-7-15		52051	22.42	7.25	14.28	99.5	
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Southern States - Somerset Somerset ,KY							
18-18-18		50712	17.72	18.64	18.79	103.51	
27-14-14		50751	27.37	13.63	13.79	100.47	
26-12-17		50752	24.40	11.96	17.56	98.3	
19-19-19		50753	19.32	20.04	19.25	100.95	
28-00-24		50754	27.81		24.81	101.62	
3-7-50		50755	3.00	6.99	51.61	101.48	
21-15-20		50758	21.54	15.11	20.06	100.13	
27-14-14		51486	27.67	13.29	13.6	100.24	
19-19-19		51487	19.22	19.4	19.07	99.37	
27-12-13		51953	27.23	12.98	12.55	101.21	*
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Southern States - Springfield Springfield ,KY							
14-15-23		51031	13.46	14.89	23.94	99.53	*
34-00-15		51032	34.22		16.31	101.25	
31-9-12		51033	30.95	9.28	12.8	100.86	
33-00-14		51566	32.39		14.53	99.26	
39-00-9		51567	39.02		9.39	100.37	
26-13-16		51568	25.45	13.22	15.25	98.37	
28-12-15		51569	27.02	10.62	15.71	98.34	
28-12-15		51570	27.25	10.88	15.1	98.47	
27-12-15		51571	27.02	12.07	15.01	99.53	
28-12-15		51572	27.05	10.94	15.78	99.08	
28-12-15		51573	27.39	11.22	15.51	99.95	
10-26-27		52229	10.29	25.99	27.08	101.88	
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Southern States - Stanford Stanford ,KY							
19-19-19		51723	19.71	20.21	18.36	100.9	
26-00-27		51724	25.65		26.02	99.24	
34-00-15		51890	33.55		16.13	99.47	
21-15-20		52235	21.29	15.43	20.57	100.86	
21-15-20		52236	21.40	15.85	19.97	101.05	
19-19-19		52237	18.75	19.04	20.83	100.07	
31-3-00		52238	30.39	3.74		100.06	
19-19-19		52239	19.19	20.18	19.21	100.89	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
27-31-00		52240	27.05	31.46		100.92	
31-00-17		52241	30.81		17.15	98.95	
23-00-8		52242	23.24		8.4	99.44	
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Southern States - Warsaw Shelbyville ,KY							
27-00-23		51261	26.27		23.6	99.75	
35-4-11		51262	35.17	4.86	10.77	101.25	
6-15-39		51263	5.62	14.54	39	98.66	*
12-6-13		51264	11.98	6.29	13.4	100.45	
12-6-13		51265	11.92	6.09	12.88	98.27	
5-13-44		51266	5.13	13.43	42.91	101.17	
12-4-00		51267	11.86	3.97		97.39	
19-19-19		51268	19.18	19.59	19.3	99.92	
40-00-00		51269	39.31			98.92	*
40-00-00		51270	<b>38.29</b>			96.35	*
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Southern States - Winchester Winchester ,KY							
35-00-7		52180	33.51		8.48	102.58	*
35-9-7		52181	34.26	9.87	7.8	101.5	*
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Southern States Winchester Fertilizer Plant Winchester ,KY							
10-10-10	SS 10-10-10	07448	9.47	10.08	9.59	97.04	
6-24-24	SS 6-24-24	07504	8.915	23.69	25.67	108.94	
24-5-11	24-5-11	50229	24.11	6.46	<b>8.28</b>	98.94	*
10-10-10	'10-10-10	50230	9.60	9.74	10.21	98.04	
19-19-19	19-19-19	50231	19.61	19.9	19.22	103.21	
00-10-30	0-10-30	50467		10.73	28.83	99.56	
10-10-10	10-10-10	50468	10.34	9.24	9.85	98.38	
19-19-19	19-19-19	50469	19.85	20.3	18.73	103.78	
10-10-10	'SS	50868	10.31	10.57	9.91	102.97	
10-10-10	'Southern States	50923	10.22	10.07	11.22	104.24	
10-10-10	'SS	50945	<b>9.09</b>	10.08	10.28	97.34	
19-19-19	'SS	50946	19.60	19.34	18.56	101.29	
10-20-20	'SS	50947	10.19	19.58	20.87	100.97	
46-00-00	'UREA	51101	46.09			100.2	
6-24-24	'Southern States 6-24-24	51428	9.50	22.77	22.97	104.33	
10-10-10	'Southern States 10-10-10	51429	9.58	9.65	9.48	95.8	
15-15-15	'Southern States 15-15-15	51430	14.93	15.13	15.1	100.28	
10-10-10	'Southern States	51536	10.22	11.63	10.59	107.97	
10-10-10	'Southern States	51538	10.54	10.58	11.12	107.02	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
10-10-10	'Southern States	51551	10.60	11.05	9.57	104.91	
19-19-19	'Southern States	51578	19.27	18.68	19.7	100.94	
5-20-20	'Southern States	51579	8.04	19.71	<b>18.58</b>	106.78	
10-10-10	'Southern States	51580	10.35	11.96	10.78	110.11	
19-19-19	'Southern States	51586	19.37	19.3	19.58	102.1	
12-12-12	'Southern States	51587	12.08	11.88	12.37	100.71	
10-10-10	'Southern States	51695	9.89	10.1	10.61	101.46	
10-10-10	'SS	51743	10.81	11.12	11.27	110.34	
10-10-10	'SS	51746	9.20	10.91	11.21	102.97	
10-10-10	'SS	51752	9.44	9.68	10.41	97.7	
19-19-19	'Southern States	51772	19.8	20.14	19.02	103.77	
10-10-10	'SS	51787	9.73	10.63	10.48	102.3	
10-10-10	'SS	51891	9.79	9.58	9.88	97.41	
9-18-27	'SS	51892	8.76	17.02	28.13	101.25	
9-18-27	'SS	51894	8.82	18.39	28.42	103.68	
5-10-15	'SS	51895	5.21	10.15	16.17	105.99	
00-10-30	'SS	51896		9.98	31.49	103.37	*
18-46-00	'DAP	51898	17.82	45.79		99.37	
18-46-00	'DAP	52012	17.92	46.15		100.08	
18-46-00	'DAP	52026	17.70	45.17		98.24	
9-18-27	'SS	52081	8.34	<b>16</b>	29.56	102.93	
19-19-19	'SS	52082	18.77	19.97	19.83	102.38	
10-10-10	'Southern States	52268	9.65	10.28	10.49	100.8	
00-10-30	'Southern States	52272		10.99	30.04	103.15	*
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Spectrum Group St. Louis ,MO							
20-00-00	'Vigoro Ready-to-Spray 20-0-0	51821	19.93			99.65	
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Speed Ag Service, LLC Hickman ,KY							
00-00-60	MP	07419			60.01	100.0	
18-46-00	DAP	07420	17.67	45.94		99.33	
18-46-00	DAP	07421	17.86	45.93		99.65	
00-00-60	MP	07422			59.82	99.70	
00-00-60	MP	50391			61.74	102.9	
18-46-00	DAP	50392	17.80	47.42		101.76	
18-46-00	DAP	50393	17.52	46.53		99.95	
34-00-00	AN	50394	33.53			98.62	
21-00-00	AS	50395	20.93			99.67	*
32-00-00	32% UAN	50396	31.68			99	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
12-14-22		51873	12.60	13.56	20.9	98.21	*
12-14-22		51874	12.38	13.88	21.43	99.23	*
12-14-22		51875	11.55	14.94	23.24	102.44	*
19-13-17		51876	20.32	14.15	16.87	102.7	
19-13-17		51877	19.76	13.75	17.14	100.96	
11-20-26		51880	10.86	19.83	25.38	100.1	*
11-20-26		51881	10.76	19.92	26.65	101.88	*
11-20-26		51882	10.73	20.16	26.21	101.64	*
11-18-24		51883	10.96	18.27	24.72	99.78	*
11-18-24		51884	11.24	19.02	24.27	101.27	*
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SQM North America Corp Atlanta ,GA							
00-00-52	'0-0-52	51500			51.50	99.04	*
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Stanley Crop Service Owensboro ,KY							
00-00-60	MP	07726			61.52	102.53	
00-00-60	MP	07727			61.20	102	
18-46-00	DAP	07728	17.72	46.66		100.48	
00-46-00	TSP	07729		45.12		98.09	
00-46-00	TSP	07730		45.19		98.24	
21-00-00	'AS	50873	20.61			98.14	*
00-00-60	'MP	50874			59.10	98.5	
18-46-00	'DAP	50875	17.80	45.41		98.77	
18-46-00	'DAP	50876	17.81	46.52		100.44	
46-00-00	'UREA	50877	46.14			100.3	
00-00-50	'SP	50878			49.35	98.7	
16-18-24		51338	16.04	19.17	24.66	101.58	
9-23-30		51339	8.76	23.38	29.48	99.48	
9-23-30		51340	8.59	22.31	31.29	99.63	
9-23-30		51341	8.83	22.92	31.06	100.91	
9-23-30		51342	8.65	22.61	30.78	99.61	
9-23-30		51343	8.91	23.25	30.6	101.06	
9-23-30		51344	8.98	23.2	29.03	99.02	
6-15-40		51345	6.25	16.25	39.07	101	
6-15-40		51346	5.92	15.2	39.67	99.1	
26-23-6		51347	26.05	22.99	6.19	99.45	
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Sun Bulb Company, INC. Arcadia ,FL							
11-35-15	'Better-Gro Orchid Better - Bloom 11-35-15	51825	11.63	35.34	15	101.83	*
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Swiss Farms Products Las Vegas ,NV							

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
16-4-8	TREE, SHRUB & EVERGREEN 16-4-8	07402	15.87	3.39	8.63	101.4	*
9-9-6	BULB FUEL 9-9-6	07403	9.33	9.66	7.21	108.9	
12-6-10	ROSE FOOD 12-6-10	07404	12.25	6.15	10.9	104.6	*
23-23-3	'ACE STARTER FERTILIZER	50535	25.14	21.62	3.14	102.37	
12-10-5	'Vigoro Tomato & Veg	50832	12.02	<b>8.96</b>	5.20	96.9	*
30-00-4	'VIGORO CRAB GRASS PREVENTER & LAWN FERT	50961	30.74		4.73	103.7	
29-00-4	'VIGORO LAWN FERT	50964	29.17		4.07	100.68	
12-10-5	'Vigoro Tomato And Vegetable Garden	51766	11.79	9.46	5.82	99.48	*
29-00-3	'Vigoro Weed and Feed 29-0-3	51819	29.84		3.85	104.46	
12-10-5	'Vigoro Tomato & Vegetable 12-10-5	51820	11.81	9.13	5.35	97.01	*
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T and N Inc Foristell ,MO							
12-12-12	GREENS KEEPER ALL PURPOSE 12-12-12	07399	12.09	13.82	12.6	102.5	
12-12-12	'GREENSKEEPERS SECRET ALL PURPOSE	50968	11.78	11.5	<b>10.84</b>	95.37	
12-12-12	'Greenskeepers Secret All-Purpose 12-12-12	51753	12.01	11.64	12.3	99.65	
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Tennessee Farmers Coop - Lavergne LaVergne ,TN							
46-00-00	UREA	50090	45.86			99.7	
46-00-00	UREA	50091	45.84			99.65	
46-00-00	UREA	50092	45.98			99.96	
46-00-00	UREA	50096	45.97			99.93	
46-00-00	UREA	50097	45.96			99.91	
46-00-00	UREA	50098	45.91			99.8	
46-00-00	UREA	50099	45.80			99.57	
46-00-00	UREA	50155	46.20			100.43	
18-46-00	DAP	50156	18.33	45.33		99.58	
00-00-60	MOP	50157			61.39	102.32	
10-10-10	CO-OP PLANT FOOD 10-10-10	50158	9.46	9.50	10.70	97.94	
15-15-15	CO-OP 15-15-15	50159	15.74	15.77	14.52	102.92	
15-15-15	'CO-OP 15-15-15	50523	16.22	15.42	14.78	103.86	
19-19-19	'CO-OP	50527	19.62	19.66	19.25	102.84	
10-10-10	'CO-OP	50528	11.07	10.22	9.93	104.88	
10-10-10	'10-10-10	51527	10.31	11.04	9.39	103.25	
19-19-19	'19-19-19	51528	20.25	19.9	18.22	103.22	
<hr/>							
Tessengerlo Kerley Phoenix ,AZ							
12-00-00	'Thio-Sul	50973	11.88			99	*
00-00-25	'KTS	50974			25.15	100.6	*
<hr/>							
The Andersons Inc Maumee ,OH							
7-24-4	'7-24-4 Pure Grade	51196	6.94	23.95	4.75	101.25	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
The Andersons Lawn Fertilizer Division Maumee ,OH							
19-19-19	ANDERSON 19-19-19	07389	18.99	19.18	18.32	99.30	
20-10-10	ANDERSON 20-10-10	07390	<b>18.24</b>	8.92	11.49	94.62	
The Hawthorne Gardening Company Port Washington ,NY							
5-4-5	'Herbs & Leafy Greens Plant Food 5-4-5	50995	6.13	7.50	5.62	138.85	
5-5-5	'Ecoscraps All Purpose Plant Food	51636	6.29	8.463	5.86	138.48	
3-4-2	'Whitney Farms All Purpose 3-4-2	51854	4.95	4.21	2.87	134.94	*
5-4-6	'Tomato and Vegetable Plant Food	52216	5.71	7.10	7.21	133.7	
The Scotts Company Marysville ,OH							
32-00-10	SCOTTS FALL LAWN FOOD	07391	32.99		10.24	103.0	*
28-00-6	WINTERIZER WEED & FEED	07392	27.82		6.92	101.4	
32-00-10	32-0-10 TURF BUILDER WINTERGUARD FALL	07605	33.11		10.66	104.04	*
28-00-6	28-0-6 TURF BUILDER WINTERGUARD FALL WEED & FEED	07606	28.18		6.91	102.54	*
24-25-4	'SCOTTS TURF BUILDER STARTER FOR NEW GRASS	50960	25.26	23.53	4.28	100.39	
14-14-14	'Osmocote Flower And Vegetable	51121	13.84	13.37	14.32	98.58	
28-00-3	'Scotts Turf Builder Weed & Feed	51456	28.49		3.66	103.04	*
32-00-10	'Scotts Turf Builder Southern Lawn Food	51461	31.99		10.18	100.27	*
24-25-4	'Starter Fertilizer	51640	24.52	24.74	4.28	101	
26-00-2	'Scotts Green Max	51688	25.88		2.32	100.31	*
24-25-4	'Scotts Turf Builder Starter	51689	23.33	24.71	4.39	98.6	
15-9-12	'Osmocote Plus Outdoor & Indoor	51692	15.52	9.06	12.1	102.1	*
14-14-14	'Osmocote Flower& Vegetable	51762	14.28	13.94	14.77	102.06	
Thomas Cayce Farm Supply, LLC Princeton ,KY							
18-46-00	DAP	07436	18.03	46.05		100.1	
20-00-00	AMM SULFATE	07437	21.12			103.02	*
18-46-00	DAP	07438	18.31	46.25		100.9	
00-00-60	MP	07439			60.48	100.8	
00-00-60	MP	07440			61.09	101.8	
00-00-60	MP	07441			59.30	98.83	
00-00-60	MP	07442			60.90	101.5	
18-46-00	DAP	07443	18.11	45.96		100.14	
14-20-17		07444	13.76	20.13	17.73	102.27	*
5-14-16		07688	6.26	14.74	17.08	108.29	
11-19-25		07689	11.04	19.23	25.8	102	*
11-19-25		07690	11.41	19.72	24.64	101.92	*
34-00-00	AN	50263	33.85			101.04	
18-46-00	DAP	50264	17.94	45.28		98.82	
20-00-00	AS	50265	21.27			103.76	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
18-46-00	DAP	50266	18.34	46.1		100.74	
00-00-60	MP	50267			61.23	102.05	
00-00-60	MP	50268			59.77	99.62	
00-00-60	MP	50269			60.71	101.18	
00-00-50	SOP	50270			50.73	101.46	
19-14-18		51084	18.59	13.36	19.38	100.7	
9-23-30		51085	8.89	22.53	30.2	99.2	
19-14-18		51086	18.87	14.17	18.82	102.16	
19-14-18		51087	18.98	14.17	18.73	102.28	
17-12-16		51088	17.61	12.35	15.65	100.9	*
17-12-16		51089	17.65	12.64	15.51	101.42	*
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Tri-County Fertilizer Co., Inc. Richmond ,KY							
23-00-30		51552	<b>21.19</b>		31.57	98.2	
23-00-30		51553	23.23		30.21	101	
46-00-00	'Urea	51554	45.94			99.87	
00-00-60	'MP	51555			59.82	99.7	
18-46-00	'DAP	51556	17.75	45.29		98.51	
21-00-28		52260	21.96		28.95	102.79	*
16-4-20		52261	15.29	3.8	20.43	101.61	
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Valley Farm Center, Inc. Monticello ,KY							
18-46-00	DAP	50429	18.19	45.96		100.27	
00-00-60	MOP	50430			60.47	100.78	
46-00-00	UREA	50431	46.09			100.2	
<hr/>							
Valley Fertilizer Company Edmonton ,KY							
19-19-19		50764	19.31	19.93	20.3	102.01	
30-12-12		50765	29.93	11.26	<b>12.90</b>	100.8	
27-14-13		50766	27.14	13.89	14.27	100.86	
27-14-13		50767	27.74	14.25	13.49	101.85	
27-14-13		50768	27.67	13.87	13.51	101.1	
27-14-13		50769	27.27	13.01	14.07	99.41	
19-19-19		50770	19.72	19.5	19.53	101.08	
22-12-15		50771	21.57	11.48	15.22	100.47	
31-25-00		50772	31.52	24.16		100	
33-10-9		50773	32.87	9.66	10.28	101.13	
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Voluntary Purchasing Group Bonham ,TX							
12-4-4	'Pecan & Fruit Tree	51040	12.09	3.97	4.28	101.35	*
00-45-00	'Triple Super Phosphate	52167		45.38		100.84	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
Warner Farm Mart - Broadhead Somerset ,KY							
10-26-26		52225	10.40	25.82	26.75	100.91	
Warner Fertilizer - Albany Albany ,KY							
19-10-20		50850	19.87	9.27	20.28	100.83	
19-19-19		51320	20.17	19.36	19.74	102.08	
28-13-13		51321	28.09	13.37	13.23	100.75	
22-12-22		51322	22.05	11.75	22.67	101.16	
19-10-20		51404	19.25	9.37	20.73	100.22	
18-18-18		51405	18.55	<b>16.52</b>	17.15	98.44	
18-18-18		51406	18.58	17.55	16.91	100.16	
18-18-18		51407	18.61	<b>15.83</b>	17.65	97.97	
28-13-13		51730	27.31	12.9	12.84	97.74	
22-12-22		51734	21.50	12.21	22.37	100.43	
Warner Fertilizer - Campbellsville Campbellsville ,KY							
19-19-19		51137	19.14	20.33	19.07	100.83	
19-19-19		51138	19.45	20.94	18.52	101.83	
19-19-19		51139	18.19	20.1	20.23	99.99	
21-22-15		51140	21.50	<b>20.4</b>	15.83	98.94	
21-18-18		51141	20.69	17.95	18.35	100.67	
19-19-19		51142	18.75	21.36	19.09	101.88	
28-12-15		51143	26.96	<b>10.44</b>	16.47	98.91	
20-16-16		51403	18.77	17.38	16.3	101.92	
16-22-22		51946	15.42	22.91	22.78	101.99	
10-18-27		52276	9.05	17.27	29.02	98.97	
Warner Fertilizer - Columbia Columbia ,KY							
27-14-14		50483	26.88	14.16	13.54	99.97	
19-19-19		50484	19.58	19.21	19.38	102.12	
30-8-14		51755	30.15	7.64	13.34	98.35	
30-8-14		51756	29.85	8.12	13.84	99.27	
29-11-13		51757	29.43	10.41	13.69	100.09	
29-11-13		51758	29.83	10.91	12.58	100.34	
33-00-17		51942	32.10		18.74	100.89	
33-00-17		51943	32.22		18.99	101.53	
10-26-26		51944	10.85	27.16	24.80	101.47	
22-13-13		52075	22.59	13.5	12.24	100.83	
Warner Fertilizer - East Bernstadt East Bernstadt ,KY							
4-10-47		51158	3.87	9.59	47.65	100.25	
19-19-19		51159	19.50	18.73	19.83	99.68	

Values in bold are deficient.

\* Refer to Table 3



**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
12-25-24		51160	12.37	25.07	24.74	101.32	
19-19-19		51161	19.34	18.9	20.48	100.49	
12-25-24		51162	12.16	23.78	26.09	100.37	
19-19-19		51163	19.37	20.2	19.88	102.09	
14-14-14		51164	13.96	14.6	14.88	104.82	
6-11-11		51165	5.99	12.02	10.77	106.43	
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Warner Fertilizer - Liberty Liberty ,KY							
19-19-19		50612	19.70	19.91	18.69	100.66	
26-00-26		50613	26.97		25.6	101.5	
19-20-19		50614	18.37	19.55	20.66	99.59	
20-13-20		50615	20.28	13.73	19.72	101.36	*
19-19-00		50621	20.31	20.02		103.63	
14-00-11		51939	15.66		10.41	103.79	
4-12-45		52220	5.26	13.25	<b>41.06</b>	99.41	
17-11-24		52223	16.88	10.96	24.57	100.33	
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Warner Fertilizer - Monticello Monticello ,KY							
28-12-15		50428	27.08	12.01	14.37	99.18	
19-19-19		50713	20.19	19.8	18.69	101.63	
19-19-19		50714	19.31	19.61	19.2	100.15	
28-11-15		50715	27.59	11.24	15.51	100.41	
24-4-25		50716	25.50	6.265	<b>22.74</b>	103.76	
24-12-20		50717	24.30	11.98	19.31	101.08	
19-19-19		50718	19.90	18.82	20.58	101.79	
28-12-15		50719	27.12	11.31	16.4	100.74	
17-18-18		51731	17	18.69	18.55	100.84	*
17-18-18		51732	16.89	19.76	18.76	102.95	*
21-15-20		51733	21.88	15.24	19.04	99.63	
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Warner Fertilizer - Nancy Nancy ,KY							
20-13-17		50908	19.84	13	17.49	100.56	
13-11-31		50909	<b>10.24</b>	<b>8.23</b>	35.92	96.01	
18-18-18		50910	<b>16.21</b>	17.1	20.79	99.51	
18-13-26		50976	17.87	13.73	26.61	101.54	
19-19-19		50977	19.09	20.46	18.89	100.73	
20-13-17		50978	20.42	14.88	16.77	104.68	
22-10-15		50979	21.87	10.66	16.21	102.91	
19-19-19		50980	19.16	19.20	21.02	101.46	
18-13-26		50981	17.50	12.57	26.59	98.54	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-11-27		50982	14.10	11.59	28.21	100.85	
Warner Fertilizer - Russell Springs Russell Springs ,KY							
18-17-18		50611	18.64	16.83	17.77	100.55	
22-10-15		51425	23.13	9.99	14.39	101.72	
19-19-19		51426	19.22	20.02	18.84	100.13	
26-12-17		51427	25.63	12.07	16.76	99.98	
7-19-32		51808	7.57	19.25	<b>30.52</b>	99.01	*
7-19-32		51809	7.36	19.33	33.33	102.77	*
4-10-47		52072	4.40	11.87	45.80	102.96	
4-10-47		52073	4.26	10.84	45.57	100.35	
19-19-19		52074	19.82	20.54	<b>17.82</b>	100.95	
Warner Fertilizer - Somerset Somerset ,KY							
10-10-10	WARNCO	50022	<b>9.025</b>	<b>9.08</b>	11.62	97.07	
19-19-19	WARNCO	50023	18.62	19.81	19.82	101.76	
00-00-60	MOP	50059			60.09	100.15	
46-00-00	UREA	50060	46.12			100.26	
19-19-19	WARNCO	50061	19.59	19.43	19.18	102.27	
46-00-00	UREA	50062	45.87			99.72	
18-46-00	DAP	50063	17.97	45.77		99.6	
00-00-60	MOP	50064			58.81	98.02	
00-00-60	MOP	50065			59.89	99.82	
46-00-00	UREA	50066	46.03			100.07	
18-46-00	DAP	50067	17.92	46.7		100.9	
19-19-19	WARNCO	50068	19.12	19.82	18.69	101.31	
00-00-60	MOP	50115			60.83	101.38	
18-46-00	DAP	50116	17.63	46.21		99.67	
46-00-00	UREA	50117	45.75			99.46	
18-46-00	DAP	50180	18.72	45.39		100.35	
18-46-00	DAP	50181	17.82	45.18		98.46	
46-00-00	UREA	50182	46.13			100.28	
46-00-00	UREA	50183	46.16			100.35	
00-00-60	MOP	50184			60.39	100.65	
18-46-00	DAP	50185	17.83	45.74		99.32	
00-00-60	MOP	50242			60.04	100.07	
46-00-00	UREA	50243	45.79			99.54	
46-00-00	UREA	50287	46.05			100.11	
46-00-00	UREA	50288	46.13			100.28	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
46-00-00	UREA	50289	46.08			100.17	
46-00-00	UREA	50290	46.03			100.07	
18-46-00	DAP	50291	18.11	45.13		98.9	
00-00-60	MOP	50292			59.07	98.45	
00-00-60	MOP	50293			60.28	100.47	
18-46-00	DAP	50294	17.68	45.62		98.87	
46-00-00	UREA	50351	45.99			99.98	
18-46-00	DAP	50352	17.90	44.84		98.1	
46-00-00	UREA	50353	46.10			100.22	
00-00-60	MOP	50354			60.12	100.2	
7-20-20	Warnco	50355	7.92	19.71	20.83	103.27	
19-19-19	Warnco	50356	18.07	19.29	19.45	99.16	
46-00-00	UREA	50369	46.04			100.09	
18-46-00	DAP	50370	17.72	46.13		99.7	
18-46-00	DAP	50371	17.57	46.92		100.62	
00-00-60	MOP	50372			61.32	102.2	
00-00-60	MOP	50373			61.42	102.37	
46-00-00	UREA	50374	46.13			100.28	
18-46-00	DAP	50385	17.68	46.18		99.71	
00-00-60	MOP	50386			60.61	101.02	
18-46-00	DAP	50387	17.76	45.23		98.43	
00-00-60	MOP	50388			59.76	99.6	
46-00-00	UREA	50389	46.01			100.02	
15-15-15	WARNCO	50390	15.77	20.52	15.12	114.87	
00-00-60	MOP	50422			59.62	99.37	
00-00-60	MOP	50423			59.73	99.55	
18-46-00	DAP	50424	18.25	46.3		100.88	
18-46-00	DAP	50425	17.70	46.88		100.79	
46-00-00	UREA	50426	46.10			100.22	
18-46-00	DAP	50427	17.71	45.87		99.3	
46-00-00	UREA	50432	46.04			100.09	
18-46-00	DAP	50433	17.58	46.44		99.92	
00-00-60	MP	50434			59.06	98.43	
19-19-19	WARNCO	50435	18.06	18.89	<b>16.64</b>	94.64	
27-13-13		50911	<b>24.57</b>	12.17	19.07	101.55	
18-46-00	'DAP	50912	18.13	44.75		98.37	
46-00-00	'UREA	50913	46.17			100.37	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	50914			60.7	101.17	
34-00-00	'AN	50915	34.50			101.47	
00-00-50	'SP	50916			49.46	98.92	
18-46-00	'DAP	50917	18.05	45.82		99.82	
00-00-60	'MOP	50918			60.21	100.35	
00-00-60	'MOP	50919			61.16	101.93	
15-15-15	'WARNCO	50920	15.78	16.18	15.87	106.27	
20-10-10	'WARNCO	50921	19.48	10.57	10.27	100.39	
19-19-19	'WARNCO	50944	<b>17.46</b>	18.61	<b>15.71</b>	91.61	
19-19-19	'Warnco	51472	18.86	19.86	18.9	101.12	
19-19-19	'Warnco	51484	19.05	19.27	18.12	99.41	
46-00-00	'UREA	51610	45.60			99.13	
18-46-00	'DAP	51611	18.06	44.96		98.56	
00-00-60	'MOP	51612			60.3	100.5	
21-00-00	AS	51613	20.67			98.43	*
15-15-15	'15-15-15	51614	15.66	15.16	16.12	104.04	
5-10-15	'5-10-15	51615	5.85	<b>8.805</b>	15.21	100.5	
10-10-10	'10-10-10 Bag	51616	10.31	11.65	9.76	106.28	
7-20-20	'7-20-20	51617	7.833	18.82	<b>18.06</b>	96.18	
10-10-10	'10-10-10	51618	9.85	10.06	<b>8.67</b>	96.2	
15-15-15	'15-15-15	51619	14.86	14.98	15.4	100.26	
19-19-19	'19-19-19	51620	18.55	18.74	19.33	99.02	
46-00-00	'UREA	51621	46.17			100.37	
19-19-19	'Warnco	51632	18.82	18.65	19.18	99.23	
28-12-15		51634	26.92	11.59	16.07	100.38	
00-00-50	'SOP	51665			50.13	100.26	
19-19-19		51716	18.35	21.14	19.55	101.17	
8-8-8		51717	12.18	8.07	6.97	123.46	
10-10-10	'Warnco	51814	9.73	9.82	9.85	97.9	
9-23-30		51950	9.20	24.29	29.26	101.74	
9-23-30		51951	8.79	23.12	31.19	101.36	
27-7-19		51952	27.81	7.29	18.32	100.86	
9-23-30		51954	10.64	27.90	<b>23.65</b>	103.73	
9-23-30		51955	9.32	23.05	29.62	100.25	
9-23-30		51956	8.96	22.77	30.29	99.89	
Warner Fertilizer - Stanford Stanford ,KY							
16-12-24		51374	16.97	11.67	23.44	99.94	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
19-19-19		51375	19.47	20.02	19.44	101.45	
19-19-19		51376	19.54	20.18	19.35	101.76	
19-19-19		51377	19.77	19.57	20	102.04	
19-19-19		51378	19.33	21.01	18.65	101.87	
19-19-19		51379	19.5	20.12	20.05	102.5	
19-19-19		51380	19.29	19.81	19.28	103.07	
19-19-19		51381	18.46	20.66	20.21	101.52	
19-19-19		51382	19.32	20.41	18.22	100.24	
19-19-19		51383	19.7	20.06	18.83	101.2	
<hr/>							
Warner Fertilizer - Tompkinsville Tompkinsville ,KY							
27-14-14		51290	27.16	14.35	13.64	101.1	
28-9-16		51291	27.67	10.92	15.09	100.92	
28-9-16		51292	28.46	9.7	15.93	101.54	
27-14-14		51293	27.14	15.41	13.25	102.45	
34-8-10		51294	33.64	7.67	11.22	101.6	
21-15-20		51295	20.65	15.96	20.74	100.69	
17-15-20		51296	18.18	17.27	<b>18.13</b>	103.05	
19-19-19		51297	19.20	20.01	19.56	100.95	
27-14-14		51298	27.96	14.66	12.89	102.33	
19-19-19		51299	19.94	18.8	19.42	100.16	
<hr/>							
Waterway Ag Inc Metropolis ,IL							
18-46-00	'DAP	51532	17.69	45.73		99.06	
46-00-00	'Urea	51533	46.10			100.22	
32-00-00	'UAN	52172	31.83			99.47	
<hr/>							
Winfield Solutions, LLC Saint Paul ,MN							
16-6-16	GROUNDWORK PASTURE FERTILIZER	50295	14.82	5.84	17.28	98.39	
10-10-10	'Groundwork All-purpose 10-10-10	51853	9.38	9.29	10.70	96.86	
<hr/>							
Woodford Feed Company, Inc. Versailles ,KY							
00-00-60	'MOP	50645			59.67	99.45	
18-46-00	'DAP	50646	17.77	46		99.6	
46-00-00	'UREA	50647	46.02			100.04	
00-00-60	'MOP	51478			58.88	98.13	
00-00-50	'SP	51479			49.06	98.12	
18-46-00	'DAP	51480	17.75	45.74		99.18	
24-10-20		51643	23.39	10.8	21.04	100.35	
26-00-26		51644	24.54		26.52	99.01	*
38-9-00		51645	38.07	8.35		100.71	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

<b>Manufacturer and Grade</b>	<b>Brand</b>	<b>Sample Number</b>	<b>Total Nitrogen</b>	<b>Available Phosphate</b>	<b>Soluble Potash</b>	<b>Relative Value</b>	<b>Micro-Nutrients</b>
33-00-16		51646	35.01		15.48	102.47	
26-00-26		51647	24.79		27.5	99.32	
20-42-00		51648	19.75	41.64		98.05	
24-10-20		51649	23.61	11.06	20.53	100.61	
33-00-17		51650	31.92		17.95	99.03	
00-00-60	'MOP	51915			59.76	99.6	
00-00-60	'MP	52056			60.01	100.02	
00-00-50	'SP	52057			50.29	100.58	

Values in bold are deficient.

\* Refer to Table 3

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## Table 3

### Detailed Inspection Report Results Secondary and Micro Nutrients





**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Advanced Micronutrient Products Reese ,MI											
51135	00-00-00	Brand: 'Amp Boron 15									
		<b>Guarantee:</b>					15				
		<b>Found:</b>	<input type="text"/>				14.51				
51136	00-00-00	Brand: 'Amp ZN-20									
		<b>Guarantee:</b>									20
		<b>Found:</b>	<input type="text"/>								19.3895
52031	00-00-00	Brand: 'NuBor 10									
		<b>Guarantee:</b>	10	5	1.5		10				
		<b>Found:</b>	<input type="text" value="9.347"/>	5.458	3.803		9.72				
52054	2-00-00	Brand: 'EZ20 Zinc									
		<b>Guarantee:</b>				14					20
		<b>Found:</b>	<input type="text"/>			15.29					21.28
52055	00-00-00	Brand: 'AMP Boron									
		<b>Guarantee:</b>	10	5	1.5		10				
		<b>Found:</b>	<input type="text" value="9.573"/>	4.733	3.796		9.59				
Ag Elements Wolfforth ,TX											
50975	00-00-00	Brand: 'Matrix Zinc 10%									
		<b>Guarantee:</b>									10
		<b>Found:</b>	<input type="text"/>								10.17
Agri-Chem - Clinton Clinton ,KY											
51622	12-17-22										
		<b>Guarantee:</b>				6.3107					
		<b>Found:</b>	<input type="text"/>			6.793					
51623	12-17-22										
		<b>Guarantee:</b>				6.3107					
		<b>Found:</b>	<input type="text"/>			7.031					
51624	12-17-22										
		<b>Guarantee:</b>				6.3107					
		<b>Found:</b>	<input type="text"/>			6.76					
51625	12-17-22										
		<b>Guarantee:</b>				6.3107					
		<b>Found:</b>	<input type="text"/>			7.114					
51626	12-17-22										
		<b>Guarantee:</b>				6.3107					
		<b>Found:</b>	<input type="text"/>			7.735					
51627	12-17-22										
		<b>Guarantee:</b>				6.3107					
		<b>Found:</b>	<input type="text"/>			6.97					

Agri-Chem - Hopkinsville Hopkinsville ,KY

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
07457	5-25-30	Guarantee:								0.3388
		Found:	<input type="text"/>							0.471
07458	5-25-30	Guarantee:								0.3388
		Found:	<input type="text"/>							0.374
07459	5-22-33	Guarantee:								0.5971
		Found:	<input type="text"/>							0.712
07460	5-22-33	Guarantee:								0.5971
		Found:	<input type="text"/>							0.866
50142	00-00-22	Brand: SPM								
		Guarantee:		11	22					
		Found:	<input type="text"/>	<b>9.943</b>	<b>19.51</b>					
AgriGro Farm Center, Inc. Hartford ,KY										
52159	6-14-38	Guarantee:			5.587				0.0309	0.1235
		Found:	<input type="text"/>		6.052				0.0386	0.115
52160	6-14-38	Guarantee:			5.587				0.0309	0.1235
		Found:	<input type="text"/>		5.633				0.0426	0.132
Agriport Terminal Eddyville ,KY										
07431	7-18-35	Guarantee:								0.7059
		Found:	<input type="text"/>							0.96
07499	5-23-32	Guarantee:								0.7921
		Found:	<input type="text"/>							1.467
07501	5-23-32	Guarantee:								0.7921
		Found:	<input type="text"/>							1.022
07503	5-23-32	Guarantee:								0.7922
		Found:	<input type="text"/>							1.086
07508	00-00-22	Brand: K-MAG 0-0-22								
		Guarantee:		11	22					
		Found:	<input type="text"/>	10.89	22.5					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50624	21-00-00	Brand: 'AMS Guarantee: Found:			24 23.43					
Agrium U.S. Inc. Loveland ,CO										
50896	4-6-32	Brand: 'AGRIUM INTERNATIONAL PLANT FOOD Guarantee: Found:	2 1.325		10 9.849	0.15 0.156		0.1 0.348		1.5 1.665
50988	13-13-13	Brand: 'Super Rainbow Plant Food Guarantee: Found:		2 2.436	9 11.49	0.1 0.105		0.1 0.299	0.4 0.424	0.2 0.187
50989	5-20-20	Brand: 'Super Rainbow Plant Food Guarantee: Found:			6 6.834	0.3 0.316		0.25 0.534		0.3 0.269
51044	6-12-18	Brand: 'Rainbow 6-12-18 Guarantee: Found:				0.05 0.091		0.25 0.288		0.05 0.0846
Agro Culture Liquid Fertilizer St. Johns ,MI										
50827	9-24-3	Brand: 'PRO-GERMINATOR Guarantee: Found:						0.1 0.391		
50870	2-00-10	Brand: 'KALIBRATE Guarantee: Found:			6 5.528					
50871	00-00-00	Brand: 'MICRO 500 Guarantee: Found:				0.02 0.0144	0.25 0.268	0.37 0.407	1.2 1.149	1.8 1.67
50951	9-24-3	Brand: 'PRO-GERMINATOR Guarantee: Found:						0.1 0.478		
50952	9-24-3	Brand: 'PRO-GERMINATOR Guarantee: Found:						0.1 0.433		
50953	2-00-10	Brand: 'KALIBRATE Guarantee: Found:			6 5.962					
50954	9-24-3	Brand: 'PRO-GERMINATOR Guarantee: Found:						0.1 0.516		

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	50955	00-00-00	Brand: 'MICRO 500							
			<b>Guarantee:</b>			0.02	0.25	0.37	1.2	1.8
			<b>Found:</b>			0.0152	0.253	0.392	1.203	1.722
	50956	7-00-00	Brand: 'ACCESS S							
			<b>Guarantee:</b>		17			0.25	0.05	0.05
			<b>Found:</b>		21.75			0.237	0.0627	0.0609
	51504	00-00-00	Brand: 'Micro 500							
			<b>Guarantee:</b>			0.02	0.25	0.37	1.2	1.8
			<b>Found:</b>			0.0211	0.288	0.431	1.265	1.795
	51505	12-3-3	Brand: 'Ferti Rain 12-3-3							
			<b>Guarantee:</b>		1.5			0.1	0.05	0.1
			<b>Found:</b>		1.842			0.118	0.0578	0.0995
	51506	7-00-00	Brand: 'Access S							
			<b>Guarantee:</b>		17			0.25	0.05	0.05
			<b>Found:</b>		22.71			0.237	0.0639	0.0618
	51507	00-00-00	Brand: 'Enhance							
			<b>Guarantee:</b>		8.7				0.07	0.07
			<b>Found:</b>		<b>3.583</b>				<b>0.0423</b>	<b>0.0508</b>
	51728	9-24-3	Brand: 'PRO Germintor							
			<b>Guarantee:</b>					0.1		
			<b>Found:</b>					0.588		
	52067	12-3-3	Brand: 'Ferti Rain 12-3-3							
			<b>Guarantee:</b>		1.5			0.1	0.05	0.1
			<b>Found:</b>		1.825			0.134	0.0622	0.103
	52069	9-24-3	Brand: 'PRO Germinator							
			<b>Guarantee:</b>					0.1		
			<b>Found:</b>					0.334		
	52165	9-24-3	Brand: 'Pro Germ							
			<b>Guarantee:</b>					0.1		
			<b>Found:</b>					0.328		
Ballard County Coop., Inc. La Center ,KY										
	51703	8-21-23								
			<b>Guarantee:</b>	2.6362	5.2725					
			<b>Found:</b>	3.246	7.55					
	51704	8-21-23								
			<b>Guarantee:</b>	2.625	5.25					
			<b>Found:</b>	3.41	6.589					
Bandana Ag, Inc. La Center ,KY										

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
07427	12-40-00	Brand: MES								
		Guarantee:			10					
		Found:	<input type="text"/>		10.1					
07622	15-43-00									
		Guarantee:			5.7143					
		Found:	<input type="text"/>		5.758					
50414	12-40-00	Brand: MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.15					
Bickett Ag - Morganfield Morganfield ,KY										
51514	9-22-29									
		Guarantee:			2.25	0.119				0.4286
		Found:	<input type="text"/>		2.674	<b>0.089</b>				0.3834
Black Gold Compost Oxford ,FL										
51642	8-5-5	Brand: 'Mater Magic								
		Guarantee:	4		1					
		Found:	<input type="text" value="4.628"/>		4.514					
Borates Plus Inc Apopka ,FL										
50856	00-00-00	Brand: 'Boron 10% Granules								
		Guarantee:				10.5				
		Found:	<input type="text"/>			10.22				
C.D. Poore Fertilizer Albany ,KY										
50298	21-00-00	Brand: AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.41					
52258	6-14-19									
		Guarantee:				0.8134				1.9523
		Found:	<input type="text"/>			0.721				1.776
Cameron Chemicals Inc Virginia Beach ,VA										
07629	00-00-00	Brand: 15% BORON								
		Guarantee:				15				
		Found:	<input type="text"/>			14.5				
50757	00-00-00	Brand: 'ZINC 36%								
		Guarantee:			9					36
		Found:	<input type="text"/>		16.58					37.7
50847	00-00-00	Brand: 'Southern States Crop Mix								
		Guarantee:			6	2	5	10	5	5
		Found:	<input type="text"/>		<b>4.771</b>	2.353	<b>2.36</b>	16.81	10.72	8.107

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50849	00-00-00	Brand: 'Cameron Corn Mix								
		<b>Guarantee:</b>			5	1	1		5	20
		<b>Found:</b>	<input type="text"/>		10.26	1.421	1.611		7.146	22.17
50938	00-00-00	Brand: 'CAMERON ZINC 36								
		<b>Guarantee:</b>								36
		<b>Found:</b>	<input type="text"/>							35.8573
51661	00-00-00	Brand: 'Magnesium 36%								
		<b>Guarantee:</b>		36	6					
		<b>Found:</b>	<input type="text"/>	<b>31.72</b>	6.134					
51702	00-00-00	Brand: 'Boron 15 Maxi Granular								
		<b>Guarantee:</b>					15			
		<b>Found:</b>	<input type="text"/>				14.37			
51879	00-00-00	Brand: 'Boron 15								
		<b>Guarantee:</b>					15			
		<b>Found:</b>	<input type="text"/>				14.67			
51935	00-00-00	Brand: '36% Zinc								
		<b>Guarantee:</b>								36
		<b>Found:</b>	<input type="text"/>							36.585
Central Crop Care Crab Orchard ,KY										
50280	6-15-30									
		<b>Guarantee:</b>		2.1603	4.3205	0.1401				1.1055
		<b>Found:</b>	<input type="text"/>	2.195	4.322	0.1310				1.0151
50283	6-15-31									
		<b>Guarantee:</b>		2.1547	4.3094	0.1404				1.1073
		<b>Found:</b>	<input type="text"/>	2.202	4.945	0.1280				0.9932
50285	00-00-22	Brand: SPM								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	11.18	22.16					
51467	00-00-21	Brand: 'K-Mag								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	11.46	22.68					
51747	8-22-19									
		<b>Guarantee:</b>		1.7134	3.4268	0.4673				1.1215
		<b>Found:</b>	<input type="text"/>	2.214	11.25	0.396				1.115
51748	00-00-41									
		<b>Guarantee:</b>		5.5	11					
		<b>Found:</b>	<input type="text"/>	5.324	10.46					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
52277	17-9-7									
		<b>Guarantee:</b>		3.6667	15.3333					
		<b>Found:</b>	<input type="text"/>	3.768	14.79					
Central Garden & Pet Garden Division Atlanta ,GA										
50958	1-00-1	Brand: 'PENNINGTON IRONITE								
		<b>Guarantee:</b>	8		5			20		
		<b>Found:</b>	<input type="text" value="14.61"/>		7.342			23.15		
52218	15-10-10	Brand: 'Ultra Green Color Blooms & Bulbs								
		<b>Guarantee:</b>	1		1			2		
		<b>Found:</b>	<input type="text" value="2.947"/>		10.67			2.594		
CGB Fertilizer Jeffersonville ,IN										
50031	20-00-00	Brand: AS								
		<b>Guarantee:</b>			19					
		<b>Found:</b>	<input type="text"/>		23.42					
Chem One LTD Houston ,TX										
51878	00-00-00	Brand: 'Maximo 363								
		<b>Guarantee:</b>								35.5
		<b>Found:</b>	<input type="text"/>							38.84
Clements Ag Supply Springfield ,KY										
50539	21-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.75					
51836	22-11-15									
		<b>Guarantee:</b>			5.8537					
		<b>Found:</b>	<input type="text"/>		6.804					
51837	21-00-25									
		<b>Guarantee:</b>			5.6471					
		<b>Found:</b>	<input type="text"/>		5.854					
51838	8-21-29									
		<b>Guarantee:</b>								2.1735
		<b>Found:</b>	<input type="text"/>							2.458
51839	7-00-39									
		<b>Guarantee:</b>			7.7315					1.1913
		<b>Found:</b>	<input type="text"/>		8.196					1.388
51841	10-00-27									
		<b>Guarantee:</b>			11.6403					2.0313
		<b>Found:</b>	<input type="text"/>		13.4					2.216
CNI Agriminerals, LLC Albany ,GA										

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50857	00-00-00	Brand: 'AG-Min Zinc 36%								
		<b>Guarantee:</b>			3			8		36
		<b>Found:</b>			6.251			8.906		39.46
Compass Minerals USA Inc Overland Park ,KS										
51776	4-25-00	Brand: 'Wolf Trax Nu-Trax P 4-25-0								
		<b>Guarantee:</b>							5	20
		<b>Found:</b>							5.725	20.98
52173	4-25-00	Brand: 'Wolftrax P								
		<b>Guarantee:</b>							5	20
		<b>Found:</b>							5.155	21.32
52174	00-00-00	Brand: 'Wolftrax 62% Zinc								
		<b>Guarantee:</b>								62
		<b>Found:</b>								66.04
CPS - Campbellsville Campbellsville ,KY										
51124	16-7-13									
		<b>Guarantee:</b>	6.977		5.6481					
		<b>Found:</b>	6.4586		6.466					
51127	16-7-13									
		<b>Guarantee:</b>	6.985		5.6545					
		<b>Found:</b>	7.003		6.332					
51129	16-7-13									
		<b>Guarantee:</b>	6.9829		5.6528					
		<b>Found:</b>	<b>4.97</b>		<b>4.327</b>					
51130	16-7-13									
		<b>Guarantee:</b>	6.987		5.6561					
		<b>Found:</b>	6.454		5.301					
CPS - Cecilia Cecilia ,KY										
51015	12-17-22									
		<b>Guarantee:</b>			6.5753					0.1096
		<b>Found:</b>			7.259					0.106
CPS - Clarkson Clarkson ,KY										
50577	15-15-15									
		<b>Guarantee:</b>	4.251		3.4413					
		<b>Found:</b>	4.574		4.101					
CPS - Clay Clay ,KY										
51354	6-20-30									
		<b>Guarantee:</b>			4.9973					0.4997
		<b>Found:</b>			5.732					0.48

Values in bold are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
		51355	6-20-30								
				<b>Guarantee:</b>		4.9973					0.4997
				<b>Found:</b>	<input type="text"/>	5.645					<b>0.439</b>
		51356	6-20-30								
				<b>Guarantee:</b>		4.9973					0.4997
				<b>Found:</b>	<input type="text"/>	5.695					0.451
		51359	6-20-30								
				<b>Guarantee:</b>		4.9972					0.4997
				<b>Found:</b>	<input type="text"/>	5.774					0.448
		51360	6-20-30								
				<b>Guarantee:</b>		4.9972					0.4997
				<b>Found:</b>	<input type="text"/>	5.445					<b>0.41</b>
		51361	6-20-30								
				<b>Guarantee:</b>		4.9971					0.4997
				<b>Found:</b>	<input type="text"/>	5.392					<b>0.41</b>
		51362	6-20-30								
				<b>Guarantee:</b>		4.9971					0.4997
				<b>Found:</b>	<input type="text"/>	5.6					<b>0.423</b>
		51363	8-27-20								
				<b>Guarantee:</b>		6.6628					0.6663
				<b>Found:</b>	<input type="text"/>	7.698					<b>0.583</b>
CPS - Fancy Farm	Fancy Farm ,KY	50901	7-17-31								
				<b>Guarantee:</b>	0.6667	3.3333	0.05		0.0333		0.5
				<b>Found:</b>	<input type="text" value="0.501"/>	3.913	0.0574		0.498		0.599
		51964	4-10-35								
				<b>Guarantee:</b>	0.5996	2.1586	6.3957	0.03	0.02		0.2998
				<b>Found:</b>	<input type="text" value="0.516"/>	2.311	7.108	0.0421	0.343		0.368
CPS - Glendale	Glendale ,KY	51453	24-10-10								
				<b>Guarantee:</b>		8.073					
				<b>Found:</b>	<input type="text"/>	8.11					
		52163	28-00-00								
				<b>Guarantee:</b>		4.9					
				<b>Found:</b>	<input type="text"/>	7.311					
CPS - Greeley	Greeley ,CO	07493	12-40-00	Brand: 12-40-0 with 10S-1Zn MESZ							
				<b>Guarantee:</b>		10					1
				<b>Found:</b>	<input type="text"/>	9.521					1.048

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
07498	12-40-00	Brand: 12-40-0 with 10S MES10									
		<b>Guarantee:</b>				10					
		<b>Found:</b>	<input type="text"/>			9.364					
50034	20-00-00	Brand: AS									
		<b>Guarantee:</b>				24					
		<b>Found:</b>	<input type="text"/>			23.07					
50069	20-00-00	Brand: AS									
		<b>Guarantee:</b>				24					
		<b>Found:</b>	<input type="text"/>			23.2767					
50076	20-00-00	Brand: AS									
		<b>Guarantee:</b>				24					
		<b>Found:</b>	<input type="text"/>			23.3					
50107	20-00-00	Brand: AS									
		<b>Guarantee:</b>				24					
		<b>Found:</b>	<input type="text"/>			24.21					
50127	00-00-22	Brand: SPM									
		<b>Guarantee:</b>			11	22					
		<b>Found:</b>	<input type="text"/>		11.2	22.01					
50128	20-00-00	Brand: AMS									
		<b>Guarantee:</b>				24					
		<b>Found:</b>	<input type="text"/>			24.1					
50198	20-00-00	Brand: AS									
		<b>Guarantee:</b>				24					
		<b>Found:</b>	<input type="text"/>			24.44					
50240	12-40-00	Brand: MESZ									
		<b>Guarantee:</b>				10					1
		<b>Found:</b>	<input type="text"/>			9.91					0.969
50241	2-00-00	Brand: TRACE MIX									
		<b>Guarantee:</b>	18	5	6	0.33	0.33	2	0.5	2.75	
		<b>Found:</b>	19.24	5.868	6.452	0.4520	0.309	4.059	1.896	3.041	
50256	20-00-00	Brand: AS									
		<b>Guarantee:</b>				24					
		<b>Found:</b>	<input type="text"/>			23.95					
50446	00-00-22	Brand: SPM									
		<b>Guarantee:</b>			11	22					
		<b>Found:</b>	<input type="text"/>		10.5	20.97					
50731	12-40-00	Brand: 'MESZ									
		<b>Guarantee:</b>				10					1
		<b>Found:</b>	<input type="text"/>			10.15					1.06

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50738	00-00-58	Brand: 'ASPIRE Guarantee: Found:					0.5 0.449			
50740	12-40-00	Brand: 'MES Guarantee: Found:			10 10.77					
50882	12-40-00	Brand: 'MESZ Guarantee: Found:			10 9.82					1 1.062
50898	00-00-22	Brand: 'K-MAG Guarantee: Found:		10.8 10.4	22 21.1					
50900	21-00-00	Brand: 'AS Guarantee: Found:			24 23.5					
51351	12-40-00	Brand: 'MESZ Guarantee: Found:			10 11.09					1 0.898
51677	00-00-00	Brand: 'Sul4RPlus Guarantee: Found:	21 22.16		17 16.99					
51678	21-00-00	Brand: 'AS Guarantee: Found:			24 24.25					
51917	20-00-00	Brand: 'AS Guarantee: Found:			24 24.63					
CPS - Hodgenville Hodgenville ,KY										
51239	25-13-11	Guarantee: Found:			2.9825 4.007					0.1855 0.197
51240	27-12-9	Guarantee: Found:			3.1375 3.739					0.1676 <b>0.139</b>
51246	27-12-9	Guarantee: Found:			3.1375 4.139					0.1676 0.16

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
51247	27-12-9								
		<b>Guarantee:</b>		3.1375					0.1676
		<b>Found:</b>	<input type="text"/>	3.855					0.159
51289	24-11-13								
		<b>Guarantee:</b>		3.8086					0.3174
		<b>Found:</b>	<input type="text"/>	4.761					0.291
CPS - Horse Cave Horse Cave ,KY									
51083	7-00-46								
		<b>Guarantee:</b>			0.2199				
		<b>Found:</b>	<input type="text"/>		0.206				
CPS - Lebanon Lebanon ,KY									
51797	30-11-8								
		<b>Guarantee:</b>		2.3511					
		<b>Found:</b>	<input type="text"/>	2.863					
51798	30-11-8								
		<b>Guarantee:</b>		2.3511					
		<b>Found:</b>	<input type="text"/>	2.851					
51799	30-11-8								
		<b>Guarantee:</b>		2.3511					
		<b>Found:</b>	<input type="text"/>	2.789					
51801	21-16-14								
		<b>Guarantee:</b>		4.1815					
		<b>Found:</b>	<input type="text"/>	4.992					
51802	21-16-14								
		<b>Guarantee:</b>		4.1817					
		<b>Found:</b>	<input type="text"/>	4.023					
51803	21-16-14								
		<b>Guarantee:</b>		4.1817					
		<b>Found:</b>	<input type="text"/>	4.569					
51804	36-8-00								
		<b>Guarantee:</b>		4.2456					
		<b>Found:</b>	<input type="text"/>	4.58					
51806	34-12-00								
		<b>Guarantee:</b>		4.0317					
		<b>Found:</b>	<input type="text"/>	4.611					
CPS - Morganfield Morganfield ,KY									
07765	6-20-30								
		<b>Guarantee:</b>		4.9896					0.499
		<b>Found:</b>	<input type="text"/>	4.829					0.558

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
07766	6-20-30	Guarantee:		4.9896					0.499
		Found:	<input type="text"/>	4.746					0.552
07767	6-20-30	Guarantee:		4.9896					0.499
		Found:	<input type="text"/>	4.951					0.554
07768	6-20-30	Guarantee:		4.9896					0.499
		Found:	<input type="text"/>	4.766					0.562
51655	8-28-18	Guarantee:		6.923					0.6923
		Found:	<input type="text"/>	7.663					<b>0.592</b>
51656	8-28-18	Guarantee:		6.923					0.6923
		Found:	<input type="text"/>	7.789					0.63
51657	8-28-18	Guarantee:		6.923					0.6923
		Found:	<input type="text"/>	7.878					<b>0.609</b>
CPS - Pembroke Pembroke ,KY									
07635	9-24-23	Guarantee:		1.4464	2.8928				
		Found:	<input type="text"/>	1.724	3.089				
07636	9-24-23	Guarantee:		1.4464	2.8928				
		Found:	<input type="text"/>	1.896	3.499				
CPS - Riverport Owensboro ,KY									
51515	7-00-40	Guarantee:		7.9661					
		Found:	<input type="text"/>	8.02					
51516	7-00-40	Guarantee:		7.9656					
		Found:	<input type="text"/>	8.286					
51517	7-00-40	Guarantee:		7.9556					
		Found:	<input type="text"/>	8.201					
51522	7-00-40	Guarantee:		7.9823					
		Found:	<input type="text"/>	8.27					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
51523	7-00-40			7.9757					
		Guarantee:		7.9757					
		Found:	<input type="text"/>	8.007					
CPS - Russellville Russellville ,KY									
07647	9-22-22		2.716	5.4319					
		Guarantee:	2.716	5.4319					
		Found:	<input type="text"/>	5.334					
51058	11-28-21			3.4737					
		Guarantee:		3.4737					
		Found:	<input type="text"/>	4.707					
51059	10-25-26				0.0403				
		Guarantee:			0.0403				
		Found:	<input type="text"/>		0.084				
51062	31-12-9			1.5349					
		Guarantee:		1.5349					
		Found:	<input type="text"/>	<b>0.661</b>					
51063	12-30-18			3.0183					
		Guarantee:		3.0183					
		Found:	<input type="text"/>	4.154					
51064	31-12-9			1.5349					
		Guarantee:		1.5349					
		Found:	<input type="text"/>	2.549					
51065	31-12-9			1.5349					
		Guarantee:		1.5349					
		Found:	<input type="text"/>	2.628					
CPS - Sacramento Sacramento ,KY									
51970	15-9-18								0.1765
		Guarantee:							0.1765
		Found:	<input type="text"/>						0.212
51971	15-9-18			0.3882					0.1765
		Guarantee:		0.3882					0.1765
		Found:	<input type="text"/>	7.53					0.2443
51972	15-9-18								0.1765
		Guarantee:							0.1765
		Found:	<input type="text"/>						0.196
51978	9-22-29			4.2857					
		Guarantee:		4.2857					
		Found:	<input type="text"/>	5.377					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
51979	15-9-18								0.1765
		<b>Guarantee:</b>							
		<b>Found:</b>							0.214
CPS - Sedalia Sedalia ,KY									
51408	00-00-47								
		<b>Guarantee:</b>		3.6644	7.3289				
		<b>Found:</b>		3.902	7.851				
51411	8-20-29								
		<b>Guarantee:</b>		1.5705	3.1411				
		<b>Found:</b>		1.977	4.118				
51412	8-20-29								
		<b>Guarantee:</b>		1.5705	3.1411				
		<b>Found:</b>		1.83	3.839				
51413	5-13-37								
		<b>Guarantee:</b>		1.5704	3.1409				
		<b>Found:</b>		1.901	3.951				
51414	5-13-37								
		<b>Guarantee:</b>		1.5704	3.1409				
		<b>Found:</b>		2.111	4.365				
51415	00-00-39								
		<b>Guarantee:</b>		6.1942	12.3885				
		<b>Found:</b>		6.419	13.09				
51416	00-00-39								
		<b>Guarantee:</b>		6.1942	12.3885				
		<b>Found:</b>		6.372	12.87				
CPS - Waverly Waverly ,KY									
50741	6-20-30								
		<b>Guarantee:</b>			4.9243				
		<b>Found:</b>			5.656				
50742	6-20-30								
		<b>Guarantee:</b>			4.9243				
		<b>Found:</b>			5.629				
50743	7-24-23								
		<b>Guarantee:</b>			6	0.15			
		<b>Found:</b>			7.04	0.129			
50744	6-20-30								
		<b>Guarantee:</b>			4.9996				
		<b>Found:</b>			5.801				

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
50745	6-20-30	<b>Guarantee:</b>		4.9996					
		<b>Found:</b>	<input type="text"/>	5.802					
50746	6-20-30	<b>Guarantee:</b>		4.9996					
		<b>Found:</b>	<input type="text"/>	5.676					
50747	6-20-30	<b>Guarantee:</b>		5					
		<b>Found:</b>	<input type="text"/>	5.62					
50748	6-20-30	<b>Guarantee:</b>		5					
		<b>Found:</b>	<input type="text"/>	5.808					
50749	6-20-30	<b>Guarantee:</b>		5					
		<b>Found:</b>	<input type="text"/>	5.86					
50750	6-20-30	<b>Guarantee:</b>		5					
		<b>Found:</b>	<input type="text"/>	5.623					
Darling Ingredients Inc Irving ,TX									
07774	27-00-2	Brand: 27-0-2 NATURE SAFE							
		<b>Guarantee:</b>	1						
		<b>Found:</b>	<input type="text" value="3.064"/>						
07775	21-3-7	Brand: 21-3-7 NATURE SAFE							
		<b>Guarantee:</b>	2	2					
		<b>Found:</b>	<input type="text" value="5.655"/>	2.802					
07776	18-00-4	Brand: 18-0-4 NATURE SAFE							
		<b>Guarantee:</b>		3					
		<b>Found:</b>	<input type="text"/>	4.161					
07778	12-00-6	Brand: 12-0-6 NATURE SAFE							
		<b>Guarantee:</b>	1	8					
		<b>Found:</b>	<input type="text" value="1.854"/>	8.534					
07779	12-2-6	Brand: 12-2-6 NATURE SAFE							
		<b>Guarantee:</b>	2	8					
		<b>Found:</b>	<input type="text" value="6.02"/>	<b>3.513</b>					
07780	10-2-8	Brand: 10-2-8 NATURE SAFE							
		<b>Guarantee:</b>	1.8	3					
		<b>Found:</b>	<input type="text" value="2.207"/>	4.944					

Values in bold are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	07781	10-00-8	Brand: 10-0-8 NATURE SAFE							
			<b>Guarantee:</b>	1						3
			<b>Found:</b>	2.707						4.587
	07782	16-00-2	Brand: 16-0-2 NATURE SAFE							
			<b>Guarantee:</b>	1						2
			<b>Found:</b>	4.613						2.825
	07783	8-5-5	Brand: 8-5-5 NATURE SAFE							
			<b>Guarantee:</b>	4.5						1
			<b>Found:</b>	2.917						4.011
	07784	8-3-5	Brand: 8-3-5 NATURE SAFE							
			<b>Guarantee:</b>	3	2.2					4
			<b>Found:</b>	2.141	2.479					5.606
	07785	9-6-1	Brand: 9-6-1 NATURE SAFE							
			<b>Guarantee:</b>	5						
			<b>Found:</b>	10.28						
	07786	7-12-00	Brand: 7-12-0 NATURE SAFE							
			<b>Guarantee:</b>	10						
			<b>Found:</b>	10.18						
	51490	18-00-4	Brand: 'Nature Safe 18-0-4 Fine							
			<b>Guarantee:</b>							3
			<b>Found:</b>							5.333
	51492	10-2-8	Brand: 'Nature Safe 10-2-8 Coarse							
			<b>Guarantee:</b>	1.8						3
			<b>Found:</b>	2.362						4.864
	51493	10-00-8	Brand: 'Nature Safe 10-0-8 Coarse							
			<b>Guarantee:</b>	1.8						3
			<b>Found:</b>	2.461						4.742
	51494	8-5-5	Brand: 'Nature Safe 8-5-5 Pelleted							
			<b>Guarantee:</b>	4.5						1
			<b>Found:</b>	4.628						3.011
	51495	8-3-5	Brand: 'Nature Safe 8-3-5 Coarse							
			<b>Guarantee:</b>	3	2.2					4
			<b>Found:</b>	4.286	2.381					5.426
	51496	5-6-6	Brand: 'Nature Safe 5-6-6 Fine							
			<b>Guarantee:</b>	7	1.5					4
			<b>Found:</b>	5.977	1.832					4.9631
	51497	9-00-9	Brand: 'Nature Safe 9-0-9 Coarse							
			<b>Guarantee:</b>							3
			<b>Found:</b>							5.8

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
51498	7-12-00	Brand: 'Nature Safe 7-12-0 Coarse							
		Guarantee:	10						
		Found:	12.66						
Dr. Earth Inc Winters ,CA									
50829	4-6-2	Brand: 'Dr Earth Rose & Flower							
		Guarantee:			2.25				
		Found:			5.634				
50830	4-6-3	Brand: 'Dr Earth Tomato, Veg & Herb							
		Guarantee:	7.5						
		Found:	6.134						
51641	4-6-3	Brand: 'Dr Earth Tomato Veg And Herb							
		Guarantee:	7.5						
		Found:	6.946						
Drake's Farm Service, Inc. Morgantown ,KY									
07720	8-20-26								
		Guarantee:		2.3571	4.7143				
		Found:		2.756	4.993				
Easy Gardener Waco ,TX									
07394	3-5-4	Brand: Jobe's Annuals & Perennials 3-5-4							
		Guarantee:	8	0.5	1.6				
		Found:	13.15	0.733	1.334				
50828	3-5-4	Brand: 'Jobes Annuals & Perennials							
		Guarantee:	8	0.5	1.6				
		Found:	15.32	0.856	1.745				
50843	4-4-4	Brand: 'Jobes All Purpose							
		Guarantee:	8	0.5	1.4				
		Found:	9.263	0.553	<b>1.031</b>				
50993	2-5-3	Brand: 'Jobes Organic Veg & Tomato 2-5-3							
		Guarantee:	7	0.5	1.4				
		Found:	16.7	0.797	1.739				
51457	3-5-5	Brand: 'Jobes Organics Fruit & Citrus							
		Guarantee:	8	0.5	1.6				
		Found:	8.744	0.658	<b>1.028</b>				
51690	2-7-4	Brand: 'Jobes Organics Vegetable & Tomato							
		Guarantee:	7	0.5	1.4				
		Found:	18.74	0.752	1.461				
51761	2-14-00	Brand: 'Jobes Organic Bone Meal							
		Guarantee:	15						
		Found:	22.18						

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51824	4-4-4	Brand: 'Jobe s Organics All Purpose 4-4-4 <b>Guarantee:</b> 8 0.5 1.4 <b>Found:</b> 11.41 0.831 1.452								
52185	4-14-00	Brand: 'Bone Meal Plant Food <b>Guarantee:</b> 15 <b>Found:</b> 18.6556								
Eau Claire CO-OP Oil Company Eau Claire ,WI										
07445	15-23-10	Brand: 15-23-10 MENARDS STARTER FERTILIZER <b>Guarantee:</b> <b>Found:</b>						1 1.729		
07446	23-00-10	Brand: 23-0-10 MENARDS FALL LAWN FD WITH WD CONTROL <b>Guarantee:</b> <b>Found:</b>						1 1.35		
07447	22-00-10	Brand: 22-0-10 MENARDS FALL LAWN FOOD WINTERIZER <b>Guarantee:</b> <b>Found:</b>						1 1.427		
50456	30-00-3	Brand: 30-0-3 MENARDS PREMIUM LAWN FOOD <b>Guarantee:</b> <b>Found:</b>						1 1.121		
EcoScraps Marysville ,OH										
50147	5-4-6	Brand: ECO SCRAPS TOMATO HERB & VEGITABLE PLANT FOOD <b>Guarantee:</b> 1 <b>Found:</b> 15.99								
50400	5-5-5	Brand: ALL PORPOSE <b>Guarantee:</b> 1 <b>Found:</b> 14.01								
50994	2-14-00	Brand: 'Fresh Start Plant Food <b>Guarantee:</b> 1 <b>Found:</b> 26.55								
51120	5-5-5	Brand: 'Ecoscraps Natural And Organic All Purpose <b>Guarantee:</b> 1 <b>Found:</b> 14.77								
52217	5-5-5	Brand: 'All Purpose Plant Food <b>Guarantee:</b> 1 <b>Found:</b> 10.88								
Espoma Company Millville ,NJ										
50401	3-4-4	Brand: GARDEN TONE HERB & VEGETABLE <b>Guarantee:</b> 5 1 2 <b>Found:</b> 5.018 1.556 2.688								

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50811	4-3-4	Brand: 'HOLLY TONE								
		<b>Guarantee:</b>	3	1	5					
		<b>Found:</b>	4.016	1.974	6.572					
51462	3-4-4	Brand: 'Espoma Organic Garden-Tone								
		<b>Guarantee:</b>	5	1	2					
		<b>Found:</b>	<b>3.663</b>	1.553	3.297					
Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY										
50548	23-14-18									
		<b>Guarantee:</b>								0.8179
		<b>Found:</b>								0.833
50549	18-12-16									
		<b>Guarantee:</b>			3.7895					
		<b>Found:</b>			3.539					
Fleming County Farm Supply Flemingsburg ,KY										
50786	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			24.67					
50790	1-7-53									
		<b>Guarantee:</b>				0.0898				
		<b>Found:</b>				0.0995				
51793	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			23.91					
Gaskins Fertilizer Russell Springs ,KY										
50986	6-15-39									
		<b>Guarantee:</b>			0.2903	0.0323			0.6452	0.129
		<b>Found:</b>			1.431	0.0254			0.796	0.149
51810	16-15-21									
		<b>Guarantee:</b>			4.2537					
		<b>Found:</b>			4.98					
52224	21-9-18									
		<b>Guarantee:</b>		0.1765	4.7059	0.0196	0.0196		0.0784	0.3922
		<b>Found:</b>		0.184	5.49	0.023	0.0293		0.118	0.476
GreenPoint Ag, LLC Hardinsburg ,KY										
51201	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			24.8					
51865	21-15-13									
		<b>Guarantee:</b>			5.3333					
		<b>Found:</b>			6.459					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
51866	9-15-25	<b>Guarantee:</b>				0.1533			
		<b>Found:</b>	<input type="text"/>			0.159			
51867	9-15-25	<b>Guarantee:</b>				0.1533			
		<b>Found:</b>	<input type="text"/>			0.131			
Gro Tec Inc Madison ,GA									
07413	32-00-10	Brand: WINTERIZER FERT 32-0-10							
		<b>Guarantee:</b>			1.4				
		<b>Found:</b>	<input type="text"/>		1.492				
07415	10-10-10	Brand: ALL PURPOSE 10-10-10							
		<b>Guarantee:</b>			0.02		0.1	0.05	0.05
		<b>Found:</b>	<input type="text"/>		0.0354		0.583	0.0984	0.0857
07417	4-10-10	Brand: BULB & BLOOM 4-10-10							
		<b>Guarantee:</b>	6		0.02		0.1	0.05	0.05
		<b>Found:</b>	<input type="text" value="20.41"/>		0.0244		0.587	0.096	0.0564
07557	32-00-10	Brand: GRO TEC STA GREEN WINTERIZER 32-0-10							
		<b>Guarantee:</b>			1.4				
		<b>Found:</b>	<input type="text"/>		1.205				
07607	32-00-10	Brand: 32-0-10 STA-GREEN WINTERIZER							
		<b>Guarantee:</b>			1.4				
		<b>Found:</b>	<input type="text"/>		1.556				
50398	9-12-12	Brand: EXPERT TOMATO & VEG.							
		<b>Guarantee:</b>	2						
		<b>Found:</b>	<input type="text" value="10.38"/>						
50399	8-12-4	Brand: EXPERT ROSE							
		<b>Guarantee:</b>			0.02	0.05	0.5	0.1	0.1
		<b>Found:</b>	<input type="text"/>		0.0124	0.091	1.497	0.174	0.197
50841	12-10-10	Brand: 'Ironite Plus							
		<b>Guarantee:</b>		9	0.02		2	0.1	0.1
		<b>Found:</b>	<input type="text"/>	9.511	0.0173		4.096	0.175	0.249
50842	4-10-10	Brand: 'Bulb & Bloom							
		<b>Guarantee:</b>	6		0.02		0.1	0.05	0.05
		<b>Found:</b>	<input type="text" value="17.76"/>		0.0182		0.494	0.0542	0.0454
51459	29-00-5	Brand: 'StaGreen Lawn Fertilizer + 2% Iron							
		<b>Guarantee:</b>					2		
		<b>Found:</b>	<input type="text"/>				1.999		

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51767	6-2-1	Brand: 'Ironite Plus								
		<b>Guarantee:</b>			1			1	0.2	0.05
		<b>Found:</b>	<input type="text"/>		0.786			1.03	0.189	0.0434
51823	29-00-5	Brand: 'Sta-Green Lawn Fertilizer 29-0-5								
		<b>Guarantee:</b>						2		
		<b>Found:</b>	<input type="text"/>					2.614		
51856	8-12-4	Brand: 'Expert Gardener Rose 8-12-4								
		<b>Guarantee:</b>				0.2	0.05	0.5	0.1	0.1
		<b>Found:</b>	<input type="text"/>			<b>0.0127</b>	0.0617	1.283	0.161	0.16
51858	19-6-12	Brand: 'Expert Gardener 19-6-12								
		<b>Guarantee:</b>			4.6					
		<b>Found:</b>	<input type="text"/>		5.15					
51924	9-12-12	Brand: 'Expert Tomato Veg Plant Food								
		<b>Guarantee:</b>	2							
		<b>Found:</b>	<input type="text" value="10.28"/>							
51925	19-6-12	Brand: 'Expert Indoor/Outdoor Plant Food								
		<b>Guarantee:</b>			4.6					
		<b>Found:</b>	<input type="text"/>		5.114					
Helena Chemical Company - Collierville Collierville ,TN										
50507	40-00-00	Brand: 'AMADIS								
		<b>Guarantee:</b>			5.5					
		<b>Found:</b>	<input type="text"/>		5.501					
50509	21-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.68					
51276	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.51					
51418	8-27-00	Brand: 'NutriLink HP 8-27-0 Plus Zinc								
		<b>Guarantee:</b>								0.4
		<b>Found:</b>	<input type="text"/>							0.475
Helena Chemical Company - Hazel Hazel ,KY										
07558	7-19-35									
		<b>Guarantee:</b>								0.1858
		<b>Found:</b>	<input type="text"/>							0.203
51179	13-15-26									
		<b>Guarantee:</b>			3.0265					0.1401
		<b>Found:</b>	<input type="text"/>		3.618					0.1564

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
51180	13-15-26	Guarantee:				3.0265					0.1401
		Found:	<input type="text"/>			3.678					0.173
51181	13-15-26	Guarantee:				3.0265					0.151531
		Found:	<input type="text"/>			3.748					0.152
51419	13-15-26	Guarantee:				3.1051					0.1449
		Found:	<input type="text"/>			3.77					0.167
51420	12-19-26	Guarantee:				1.9573					0.1142
		Found:	<input type="text"/>			2.471					0.123
51421	12-19-26	Guarantee:				1.9573					0.1142
		Found:	<input type="text"/>			2.631					0.14
51422	12-19-26	Guarantee:				1.9573					0.1142
		Found:	<input type="text"/>			2.442					0.125
51423	12-19-26	Guarantee:				1.9571					0.1165
		Found:	<input type="text"/>			2.63					0.133
Helena Chemical Company - Hickman Hickman ,KY											
51279	19-11-20	Guarantee:				4.0371	0.0128				0.041
		Found:	<input type="text"/>			4.885	0.0126				0.0412
51280	19-11-20	Guarantee:				4.0371	0.0128				0.041
		Found:	<input type="text"/>			3.793	0.0050				0.0439
51283	23-12-15	Guarantee:				3.0704					
		Found:	<input type="text"/>			3.992					
51284	23-12-15	Guarantee:				3.0704					
		Found:	<input type="text"/>			<b>1.665</b>					
Henry Farmers Cooperative - Murray Murray ,KY											
07562	4-16-16	Guarantee:				4.0536					
		Found:	<input type="text"/>			4.47					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
07563	4-16-16	<b>Guarantee:</b>			4.0536					
		<b>Found:</b>	<input type="text"/>		3.797					
07566	4-16-16	<b>Guarantee:</b>			4.0536					
		<b>Found:</b>	<input type="text"/>		4.022					
07567	4-16-16	<b>Guarantee:</b>			4.0536					
		<b>Found:</b>	<input type="text"/>		4.23					
07568	4-16-16	<b>Guarantee:</b>			4.0536					
		<b>Found:</b>	<input type="text"/>		3.67					
51172	19-15-20	<b>Guarantee:</b>			2.6653					
		<b>Found:</b>	<input type="text"/>		3.858					
51173	19-15-20	<b>Guarantee:</b>			2.6654					
		<b>Found:</b>	<input type="text"/>		3.437					
51174	16-18-23	<b>Guarantee:</b>			2.586	0.0263				0.052
		<b>Found:</b>	<input type="text"/>		5.381	0.0227				0.0529
51176	32-00-00	<b>Guarantee:</b>			13.6331	0.058				0.1137
		<b>Found:</b>	<input type="text"/>		14.56	0.0445				0.121
51177	19-15-20	<b>Guarantee:</b>			2.6653					
		<b>Found:</b>	<input type="text"/>		3.886					
51178	19-15-20	<b>Guarantee:</b>			2.6653					
		<b>Found:</b>	<input type="text"/>		3.287					
Henry Farmers Cooperative - Paris Paris ,TN										
07565	10-40-00	Brand: MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.1					
50515	21-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.83					

Hinton Mills at Cynthiana Cynthiana ,KY

Values in bold are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
52129	15-5-19	Guarantee:			6.8528					
		Found:	<input type="text"/>		7.689					
52130	00-00-56	Guarantee:				0.1974				
		Found:	<input type="text"/>			0.192				
52212	19-12-20	Guarantee:			0.4667					0.6667
		Found:	<input type="text"/>		7.57					0.625
Innvictis Crop Care LLC Loveland ,CO										
51662	20-00-6	Brand: 'Novus K								
		Guarantee:			3	0.25		0.1		
		Found:	<input type="text"/>		3.156	0.239		0.0901		
51663	10-20-5	Brand: 'Captive EDTA								
		Guarantee:			1					0.43
		Found:	<input type="text"/>		1.159					0.385
51664	12-9-6	Brand: 'V-Agri Plus Micronutrients								
		Guarantee:				0.22	0.05	0.1	0.2	0.05
		Found:	<input type="text"/>			0.208	0.0556	0.0964	0.184	0.0699
International Mulch Company, Inc. Des Peres ,MO										
07393	4-4-4	Brand: ALL PURPOSE 4-4-4								
		Guarantee:	4	1	1			0.5	0.05	
		Found:	4.808	1.009	1.2			0.667	0.0505	
Janes Fertilizer & Farm Supply Columbia ,KY										
50487	17-22-20	Guarantee:								0.1775
		Found:	<input type="text"/>							0.188
50488	15-16-26	Guarantee:								0.8146
		Found:	<input type="text"/>							<b>0.0168</b>
Kentucky Fertilizer - Winchester Winchester ,KY										
52246	00-10-30	Brand: 'Kentucky Green								
		Guarantee:				0.25				
		Found:	<input type="text"/>			<b>0.18</b>				
Knox Fertilizer Company Inc Knox ,IN										
50924	24-8-16	Brand: 'Kgro All Purpose Plant Food								
		Guarantee:					0.05	0.1	0.05	0.05
		Found:	<input type="text"/>				0.0505	0.143	0.056	0.0537
Lebanon Seaboard Corporation Lebanon ,PA										

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50962	30-00-3	Brand: 'WONDERGRO LAWN						2		
		<b>Guarantee:</b>						7.783		
		<b>Found:</b>								
Lesco Inc. Cleveland ,OH										
07388	14-14-14	Brand: LESCO 14-14-14			4.69			0.45	0.45	
		<b>Guarantee:</b>						0.821	0.529	
		<b>Found:</b>			5.735					
50628	24-00-11	Brand: 'Lesco Turf Food						2	1	
		<b>Guarantee:</b>						2.267	0.9106	
		<b>Found:</b>								
Lilly Miller Brands - Atlanta Atlanta ,GA										
07401	6-4-6	Brand: ALASKA ALL PURPOSE 6-4-6								
		<b>Guarantee:</b>	4.5							
		<b>Found:</b>	5.017							
51764	6-4-6	Brand: 'Alaska All Purpose								
		<b>Guarantee:</b>	4.5							
		<b>Found:</b>	5.409							
Loveland Products, Inc. Greeley ,CO										
50886	7-17-3	Brand: 'RISE R					0.07	0.2	0.06	0.95
		<b>Guarantee:</b>					0.069	0.242	0.0687	0.983
		<b>Found:</b>								
51337	7-17-3	Brand: 'RiseR 7-17-3					0.07	0.2	0.06	0.95
		<b>Guarantee:</b>					0.069	0.233	0.0635	0.958
		<b>Found:</b>								
Martin Marietta - Manistee Manistee ,MI										
50218	00-00-00	Brand: CROP MAG 58								
		<b>Guarantee:</b>		58						
		<b>Found:</b>		57.73						
Martin Operating Partnership LP Kilgore ,TX										
50756	00-00-00	Brand: 'SULFUR 90%								
		<b>Guarantee:</b>			90					
		<b>Found:</b>			90.29					
51741	00-00-00	Brand: 'Dis-Per Sul								
		<b>Guarantee:</b>			90					
		<b>Found:</b>			90.87					
Mays Lick Mill Mayslick ,KY										
52036	00-00-59						0.3846			
		<b>Guarantee:</b>					0.332			
		<b>Found:</b>								

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
52043	00-00-58									
		<b>Guarantee:</b>				0.4255				
		<b>Found:</b>				0.3780				
Mid States Ag Sales LLC Lavergne ,TN										
51530	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>				24				
		<b>Found:</b>				23.26				
51531	00-00-22	Brand: 'SPM								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>		11.13	22.14					
Milwaukee Metro Sewerage District Milwaukee ,WI										
50402	6-4-00	Brand: ALL PURPOSE LONG LASTING								
		<b>Guarantee:</b>	1.2					4		
		<b>Found:</b>	2.415					4.232		
Miracle-Gro Lawn Products, Inc. Marysville ,OH										
50148	9-4-12	Brand: MIRACLE-GRO SHAKE'N FEED TOMATO, FRUITS & VEGETABLES								
		<b>Guarantee:</b>	3.5	1.4	7		0.05	0.9	0.35	0.1
		<b>Found:</b>	8.641	5.1	6.923		0.0914	1.303	0.505	0.262
50403	10-2-8	Brand: NATURES CARE RAISED BED PLANT FOOD								
		<b>Guarantee:</b>	1.8		3					
		<b>Found:</b>	2.581		5.88					
51458	12-4-8	Brand: 'Miracle Gro Shake 'n Feed All Purpose								
		<b>Guarantee:</b>	1.5	1.4	4.2		0.05	0.9	0.35	0.1
		<b>Found:</b>	7.08	2.709	4.5		0.0801	1.277	0.351	0.177
51687	3-4-2	Brand: 'Nature's Care Organic/Natural Vegetable, Fruit & Flower								
		<b>Guarantee:</b>	2							
		<b>Found:</b>	5.782							
52182	12-4-8	Brand: 'All Purpose Plant Food								
		<b>Guarantee:</b>						0.1	0.05	0.05
		<b>Found:</b>						0.11	0.0458	0.0566
Mosaic Global Sales, LLC. Lithia ,FL										
07496	00-00-58	Brand: 0-0-58-0.5B ASPIRE								
		<b>Guarantee:</b>				0.5				
		<b>Found:</b>				0.4580				
Nutrients Plus LLC Virginia Beach ,VA										
50629	16-2-3	Brand: '16-2-3								
		<b>Guarantee:</b>	1		4					
		<b>Found:</b>	1.907		4.675					
Organic Laboratories Inc Fort Pierce ,FL										

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51255	4-2-6	Brand: 'Tomato Maker								
		<b>Guarantee:</b>	6	0.5				0.3		
		<b>Found:</b>	7.152	3.641				0.425		
Parrish Shop & Sales, LLC Henderson ,KY										
50879	6-22-5	Brand: '6-22-5								
		<b>Guarantee:</b>				4				0.3
		<b>Found:</b>				3.701				0.494
50972	7-24-6	Brand: '7-24-6								
		<b>Guarantee:</b>				4				
		<b>Found:</b>				3.964				
Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL										
51038	3-3-3	Brand: 'All Purpose								
		<b>Guarantee:</b>	8							
		<b>Found:</b>	10.87							
51039	3-3-5	Brand: 'Vegetable & Herb								
		<b>Guarantee:</b>	9							
		<b>Found:</b>	6.791							
Perdue AgriBusiness LLC Seaford ,DE										
50939	7-1-1	Brand: 'MICRO START 60 PLUS PRILL								
		<b>Guarantee:</b>	1.3	0.2				0.03	0.01	0.02
		<b>Found:</b>	1.799	0.271				0.0929	0.0218	0.124
Pinnacle Ag - Franklin Franklin ,KY										
07641	8-20-27									
		<b>Guarantee:</b>	2.3333		1.8889					
		<b>Found:</b>	2.364		2.438					
07642	8-20-27									
		<b>Guarantee:</b>	2.3333		1.8889					
		<b>Found:</b>	2.154		2.202					
07710	9-23-30									
		<b>Guarantee:</b>	T	T	T					
		<b>Found:</b>	3.47	0.064	4.25					
Pinnacle Ag - Fancy Farm Fancy Farm ,KY										
50892	16-10-13									
		<b>Guarantee:</b>			13.3257					
		<b>Found:</b>			12.94					
52062	12-6-15									
		<b>Guarantee:</b>	3.375	0.5	5.5	0.0937			0.05	0.3313
		<b>Found:</b>	5.921	0.324	12.08	0.142			<b>0.0063</b>	0.348
Pinnacle Ag - Melber Melber ,KY										

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50383	19-15-20									
		<b>Guarantee:</b>			1.8333					
		<b>Found:</b>	<input type="text"/>		2.62					
Pinnacle Agriculture Memphis ,TN										
07489	12-40-00	Brand: MESZ 12-40-0								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		9.301					1.113
07489	12-40-00	Brand: MESZ 12-40-0								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		9.301					1.113
07490	00-00-00	Brand: SUL 4-PLUS								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	<input type="text" value="23.1"/>		17.7					
07490	00-00-00	Brand: SUL 4-PLUS								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	<input type="text" value="23.1"/>		17.7					
07602	12-40-00	Brand: 12-40-0 with 10S-1ZN MESZ								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		10.34					1.194
50177	21-00-00	Brand: AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.09					
50219	21-00-00	Brand: AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.0					
50219	21-00-00	Brand: AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.0					
50378	40-00-00	Brand: AMIDAS								
		<b>Guarantee:</b>			5					
		<b>Found:</b>	<input type="text"/>		5.534					
50381	21-00-00	Brand: AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.42					
50382	00-00-22	Brand: K-MAG								
		<b>Guarantee:</b>		10.5	21					
		<b>Found:</b>	<input type="text"/>	11.1	21.84					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50821	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.04					
Reliance Ag - Russellville Russellville ,KY										
07575	8-21-24									
		<b>Guarantee:</b>		2.5385	5.0769					
		<b>Found:</b>	<input type="text"/>	2.26	5.192					
07576	8-21-24									
		<b>Guarantee:</b>		2.5385	5.0769					
		<b>Found:</b>	<input type="text"/>	2.858	5.155					
07577	8-21-24									
		<b>Guarantee:</b>		2.5385	5.0769					
		<b>Found:</b>	<input type="text"/>	2.776	5.069					
07597	9-23-24									
		<b>Guarantee:</b>		1.8333	3.6667					
		<b>Found:</b>	<input type="text"/>	2.4	4.462					
07598	9-23-24									
		<b>Guarantee:</b>		1.8333	3.6667					
		<b>Found:</b>	<input type="text"/>	2.512	4.693					
Reliance Ag - Trenton Trenton ,KY										
07578	10-25-26									
		<b>Guarantee:</b>		0.5946	1.1891					
		<b>Found:</b>	<input type="text"/>	0.943	1.97					
07579	10-25-26									
		<b>Guarantee:</b>		0.5946	1.1891					
		<b>Found:</b>	<input type="text"/>	0.958	2.045					
07580	10-25-26									
		<b>Guarantee:</b>		0.5942	1.1885					
		<b>Found:</b>	<input type="text"/>	1.015	2.28					
07581	10-25-26									
		<b>Guarantee:</b>		0.5942	1.1885					
		<b>Found:</b>	<input type="text"/>	0.856	1.966					
07582	10-25-26									
		<b>Guarantee:</b>		0.5942	1.1885					
		<b>Found:</b>	<input type="text"/>	0.87	1.958					
07583	10-25-26									
		<b>Guarantee:</b>		0.5943	1.1887					
		<b>Found:</b>	<input type="text"/>	0.987	2.144					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
07584	10-25-26									
		<b>Guarantee:</b>		0.5943	1.1887					
		<b>Found:</b>	<input type="text"/>	0.883	1.962					
07585	10-25-26									
		<b>Guarantee:</b>		0.5943	1.1887					
		<b>Found:</b>	<input type="text"/>	0.768	1.781					
07586	10-25-26									
		<b>Guarantee:</b>		0.5943	1.1887					
		<b>Found:</b>	<input type="text"/>	0.925	2.073					
07587	10-25-26									
		<b>Guarantee:</b>		0.5943	1.1887					
		<b>Found:</b>	<input type="text"/>	0.868	1.958					
Rip's Farm Center - Tollesboro Tollesboro ,KY										
52207	4-10-21									
		<b>Guarantee:</b>			0.8892	0.0318				
		<b>Found:</b>	<input type="text"/>		1.865	0.0252				
Rod McLellan Company - Oregon Independence ,OR										
50536	4-2-3									
		Brand: 'WHITNEY FARMS ORGANIC & NATURAL ALL PURPOSE PLANT FOOD								
		<b>Guarantee:</b>		2						
		<b>Found:</b>	<input type="text"/>	3.4						
Rogers Fertilizer & Services LLC Lebanon ,KY										
50652	21-00-00									
		Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.01					
50653	16-3-14									
		<b>Guarantee:</b>			4.5283					
		<b>Found:</b>	<input type="text"/>		4.512					
50656	16-11-27									
		<b>Guarantee:</b>			2.3607					
		<b>Found:</b>	<input type="text"/>		3.12					
50657	27-8-10									
		<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		6.41					
52227	26-15-10									
		<b>Guarantee:</b>			2.787					
		<b>Found:</b>	<input type="text"/>		3.646					
Rootblast International INC Canton ,OH										
52186	2-1-2									
		Brand: 'RootBlast								
		<b>Guarantee:</b>	13.8	7.5	1.88		0.05	2.47	0.12	0.15
		<b>Found:</b>	<input type="text"/>	9.821	3.097		0.168	<b>1.951</b>	0.456	0.385

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
Security Seed and Chemical Henderson ,KY									
52214	31-00-00								
		Guarantee:		1.5578					
		Found:	<input type="text"/>	1.552					
Southern States - Bowling Green Bowling Green ,KY									
07589	9-22-29								
		Guarantee:		2.9032					
		Found:	<input type="text"/>	3.218					
07590	9-22-29								
		Guarantee:		4.2857					
		Found:	<input type="text"/>	4.741					
07591	9-22-29								
		Guarantee:		4.2857					
		Found:	<input type="text"/>	5.094					
07592	9-22-29								
		Guarantee:		4.3337					
		Found:	<input type="text"/>	4.532					
07593	9-22-29								
		Guarantee:		4.3337					
		Found:	<input type="text"/>	5.516					
07594	8-19-33								
		Guarantee:		2.5527					
		Found:	<input type="text"/>	2.948					
07595	8-19-33								
		Guarantee:		2.5527					
		Found:	<input type="text"/>	3.402					
Southern States - Calhoun Calhoun ,KY									
51368	8-19-30								
		Guarantee:		6.0905	0.011				0.0765
		Found:	<input type="text"/>	8.213	0.0098				0.0855
51370	00-00-42								
		Guarantee:		5.215	14.3131				
		Found:	<input type="text"/>	6.172	14.86				
51373	9-23-30								
		Guarantee:						0.0494	0.1976
		Found:	<input type="text"/>					<b>0.033</b>	<b>0.162</b>
Southern States - Campbellsville Campbellsville ,KY									
52078	21-13-14								
		Guarantee:		5.6058					
		Found:	<input type="text"/>	10.21					

Values in bold are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Southern States - Cynthiana Cynthiana ,KY		52079	34-00-00								
				<b>Guarantee:</b>		11.3258					
				<b>Found:</b>		11.27					
Southern States - Cynthiana Cynthiana ,KY		51773	23-00-24								
				<b>Guarantee:</b>	0.4303		0.0054				0.0182
				<b>Found:</b>	0.475		0.0052				0.0184
Southern States - Cynthiana Cynthiana ,KY		51774	23-00-24								
				<b>Guarantee:</b>	0.4303		0.0054				0.0182
				<b>Found:</b>	0.554		0.0056				0.0182
Southern States - Cynthiana Cynthiana ,KY		51775	23-00-24								
				<b>Guarantee:</b>	0.4303		0.0054				0.0182
				<b>Found:</b>	0.564		0.0055				0.0162
Southern States - Cynthiana Cynthiana ,KY		51777	29-0-22								
				<b>Guarantee:</b>						0.0177	0.0707
				<b>Found:</b>					0.016		0.071
Southern States - Cynthiana Cynthiana ,KY		51778	29-0-22								
				<b>Guarantee:</b>						0.0177	0.0708
				<b>Found:</b>					0.016		0.070
Southern States - Cynthiana Cynthiana ,KY		51779	29-0-22								
				<b>Guarantee:</b>						0.0181	0.0725
				<b>Found:</b>					0.020		0.071
Southern States - Cynthiana Cynthiana ,KY		51780	21-00-28								
				<b>Guarantee:</b>			0.0056	0.0087			0.0187
				<b>Found:</b>			0.0044	0.007			0.0185
Southern States - Cynthiana Cynthiana ,KY		51781	29-0-22								
				<b>Guarantee:</b>						0.0193	0.077
				<b>Found:</b>					0.0217		0.0705
Southern States - Cynthiana Cynthiana ,KY		51782	29-0-22								
				<b>Guarantee:</b>						0.0191	0.0766
				<b>Found:</b>					0.0237		0.0759
Southern States - Cynthiana Cynthiana ,KY		51783	31-00-16								
				<b>Guarantee:</b>	1.0375	2.0751	0.0157	0.0217			0.0526
				<b>Found:</b>	1.019	2.015	0.0142	0.0201			0.051
Southern States - Cynthiana Cynthiana ,KY		51784	23-00-24								
				<b>Guarantee:</b>	0.4302		0.0048				0.0243
				<b>Found:</b>	0.522		0.0059				0.0269
Southern States - Elizabethtown Elizabethtown ,KY											

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
50683	9-14-20	Guarantee:	6.0188		4.5857				0.0485
		Found:	6.505		5.75				0.0663
50686	6-16-21	Guarantee:	6.1344		4.6738	0.014			0.0704
		Found:	6.501		6.321	0.0131			0.0788
50687	6-16-21	Guarantee:	6.1344		4.6738	0.014			0.07
		Found:	5.962		6.152	0.0146			0.0845
Southern States - Elkton Elkton ,KY									
07534	3-14-33	Guarantee:		2.908	5.815	0.3304			
		Found:		3.69	6.88	0.2802			
50996	6-15-34	Guarantee:		1.8333	3.6667				
		Found:		2.407	4.619				
50998	6-15-34	Guarantee:		1.8333	3.6667				
		Found:		2.422	4.281				
Southern States - Eminence Eminence ,KY									
50814	20-20-15	Guarantee:			4.1929	0.0192			0.0481
		Found:			5.084	0.0187			0.0532
50815	20-20-15	Guarantee:			4.1929	0.0192			0.0481
		Found:			5.12	0.0296			<b>0.03</b>
51256	14-12-9	Guarantee:			1.4766				0.0164
		Found:			2.746				0.0188
51257	14-12-9	Guarantee:			1.4766				0.0164
		Found:			2.099				0.0202
51258	14-12-9	Guarantee:			1.4766				0.0164
		Found:			2.136				0.0216
51259	14-12-9	Guarantee:			1.4766				0.0164
		Found:			2.061				0.0218

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
51909	20-20-15	<b>Guarantee:</b>		4.1986	0.0195				0.0491
		<b>Found:</b>	<input type="text"/>	5.194	0.0274				0.0651
51910	20-20-15	<b>Guarantee:</b>		4.1986	0.0195				0.0491
		<b>Found:</b>	<input type="text"/>	5.361	0.0275				0.0562
Southern States - Flemingsburg Flemingsburg ,KY									
52140	5-5-18	<b>Guarantee:</b>		2.8235					
		<b>Found:</b>	<input type="text"/>	3.338					
52141	5-5-18	<b>Guarantee:</b>		2.8235					
		<b>Found:</b>	<input type="text"/>	3.234					
52142	4-10-16	<b>Guarantee:</b>		1.7388	3.4776				
		<b>Found:</b>	<input type="text"/>	4.716	3.918				
52143	4-10-16	<b>Guarantee:</b>		1.7388	3.4776				
		<b>Found:</b>	<input type="text"/>	4.708	3.836				
52144	4-10-16	<b>Guarantee:</b>		1.7388	3.4776				
		<b>Found:</b>	<input type="text"/>	4.798	4.704				
52145	4-10-16	<b>Guarantee:</b>		1.7388	3.4776				
		<b>Found:</b>	<input type="text"/>	4.798	4.196				
52146	21-7-8	<b>Guarantee:</b>		0.6356	4.0085				
		<b>Found:</b>	<input type="text"/>	2.594	4.761				
52147	21-7-8	<b>Guarantee:</b>		0.6356	4.0085				
		<b>Found:</b>	<input type="text"/>	2.453	4.86				
52148	4-10-16	<b>Guarantee:</b>		1.7368	3.4737				
		<b>Found:</b>	<input type="text"/>	5.069	4.091				
Southern States - Franklin Franklin ,KY									
07509	10-26-22	<b>Guarantee:</b>		6.6667					
		<b>Found:</b>	<input type="text"/>	7.237					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
07510	10-26-22			6.6638					
		Guarantee:		6.6638					
		Found:	<input type="text"/>	6.778					
07511	10-26-22			6.6638					
		Guarantee:		6.6638					
		Found:	<input type="text"/>	6.789					
07513	10-26-22			6.6667					
		Guarantee:		6.6667					
		Found:	<input type="text"/>	7.004					
07514	10-26-22			6.6667					
		Guarantee:		6.6667					
		Found:	<input type="text"/>	7.186					
07713	6-16-14								
		Guarantee:	1.2644	2.5287					
		Found:	<input type="text"/>	1.526	3.827				
Southern States - Georgetown Georgetown ,KY									
51325	4-10-18								
		Guarantee:			0.3383				
		Found:	<input type="text"/>		0.288				
Southern States - Harrodsburg Harrodsburg ,KY									
51926	22-0-7			17.056				0.0238	0.0954
		Guarantee:		17.056				0.0238	0.0954
		Found:	<input type="text"/>	17.93				0.0198	0.0883
51927	29-00-19								
		Guarantee:			0.5678				0.5678
		Found:	<input type="text"/>		0.5479				0.639
51928	21-20-14								
		Guarantee:			0.3528				0.4233
		Found:	<input type="text"/>		0.3472				0.417
51929	15-00-40								
		Guarantee:							0.1593
		Found:	<input type="text"/>						0.188
51930	29-00-19								
		Guarantee:			0.5678				0.5678
		Found:	<input type="text"/>		0.5579				<b>0.408</b>
51933	19-17-20								
		Guarantee:			0.3695				0.3719
		Found:	<input type="text"/>		0.3581				0.446

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
51936	19-17-20	<b>Guarantee:</b>			0.3695				0.3719
		<b>Found:</b>	<input type="text"/>		0.3611				0.405
51937	19-17-20	<b>Guarantee:</b>			0.3695				0.3719
		<b>Found:</b>	<input type="text"/>		0.3688				0.369
Southern States - Henderson Henderson ,KY									
07754	8-19-33	<b>Guarantee:</b>			2.6339				
		<b>Found:</b>	<input type="text"/>		3.215				
07755	8-19-33	<b>Guarantee:</b>			2.6355				
		<b>Found:</b>	<input type="text"/>		3.058				
07756	6-15-38	<b>Guarantee:</b>			3.3877				
		<b>Found:</b>	<input type="text"/>		3.348				
07757	6-15-38	<b>Guarantee:</b>			3.7073				
		<b>Found:</b>	<input type="text"/>		3.87				
07758	7-17-36	<b>Guarantee:</b>			2.52				
		<b>Found:</b>	<input type="text"/>		2.858				
07759	7-17-36	<b>Guarantee:</b>			2.9452				
		<b>Found:</b>	<input type="text"/>		3.231				
07760	5-14-40	<b>Guarantee:</b>			3.0209				
		<b>Found:</b>	<input type="text"/>		3.229				
07761	5-13-40	<b>Guarantee:</b>			3.2489				
		<b>Found:</b>	<input type="text"/>		3.453				
07762	5-14-40	<b>Guarantee:</b>			3.1067				
		<b>Found:</b>	<input type="text"/>		3.36				
07763	5-13-41	<b>Guarantee:</b>			3.0608				
		<b>Found:</b>	<input type="text"/>		2.973				

Southern States - Hodgenville Hodgenville ,KY

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
50679	18-14-14			8.4806					
		Guarantee:		8.4806					
		Found:	<input type="text"/>	9.44					
51011	18-10-16			9.4324					
		Guarantee:		9.4324					
		Found:	<input type="text"/>	9.163					
Southern States - Hopkinsville Hopkinsville ,KY									
07574	10-22-24			2.9831					
		Guarantee:		1.4915					
		Found:	<input type="text"/>	1.966					
50049	10-26-25			2.5184					0.0683
		Guarantee:		2.5184					0.0683
		Found:	<input type="text"/>	3.822					0.0641
50050	10-25-25			2.4744					0.0671
		Guarantee:		2.4744					0.0671
		Found:	<input type="text"/>	3.893					<b>0.0515</b>
51093	35-6-7			2.3415					
		Guarantee:		2.3415					
		Found:	<input type="text"/>	2.942					
51094	34-6-8			2.3133					
		Guarantee:		2.3133					
		Found:	<input type="text"/>	2.754					
51095	38-00-00			7.5824					
		Guarantee:		7.5824					
		Found:	<input type="text"/>	8.597					
51096	20-15-18			2.9585					
		Guarantee:		2.9585					
		Found:	<input type="text"/>	4.042					
51097	9-22-29			2.8939					
		Guarantee:		2.8939					
		Found:	<input type="text"/>	4.529					
51098	9-22-29			2.9009					
		Guarantee:		2.9009					
		Found:	<input type="text"/>	5.294					
51166	9-22-29			2.8916					
		Guarantee:		2.8916					
		Found:	<input type="text"/>	7.926					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
51167	9-22-29								
		<b>Guarantee:</b>		2.8962					
		<b>Found:</b>	<input type="text"/>	5.205					
Southern States - Horse Cave Horse Cave ,KY									
50557	22-11-17								
		<b>Guarantee:</b>		2.7994	0.2333				0.224
		<b>Found:</b>	<input type="text"/>	2.847	0.236				0.298
50562	17-17-21								
		<b>Guarantee:</b>		2.8846					
		<b>Found:</b>	<input type="text"/>	3.634					
Southern States - Maysville Maysville ,KY									
52109	14-11-16								
		<b>Guarantee:</b>		15.9151					
		<b>Found:</b>	<input type="text"/>	16.38					
52119	11-00-14								
		<b>Guarantee:</b>		3.9907					
		<b>Found:</b>	<input type="text"/>	4.302					
52122	21-5-10								
		<b>Guarantee:</b>		3.0121					
		<b>Found:</b>	<input type="text"/>	3.837					
52123	21-5-10								
		<b>Guarantee:</b>		3.0121					
		<b>Found:</b>	<input type="text"/>	3.909					
52124	21-5-10								
		<b>Guarantee:</b>		3.0121					
		<b>Found:</b>	<input type="text"/>	3.777					
52125	21-5-10								
		<b>Guarantee:</b>		3.0121					
		<b>Found:</b>	<input type="text"/>	3.514					
52126	21-5-10								
		<b>Guarantee:</b>		3.0121					
		<b>Found:</b>	<input type="text"/>	3.538					
52127	21-5-10								
		<b>Guarantee:</b>		3.0121					
		<b>Found:</b>	<input type="text"/>	3.688					
Southern States - Owensboro Owensboro ,KY									
51187	11-19-25								
		<b>Guarantee:</b>		3.5299					0.6493
		<b>Found:</b>	<input type="text"/>	4.043					<b>0.431</b>

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51188	11-19-25				3.5299					0.6493
		<b>Guarantee:</b>			4.146					<b>0.524</b>
		<b>Found:</b>	<input type="text"/>							
51189	11-19-25				3.5299					0.6493
		<b>Guarantee:</b>			4.34					0.681
		<b>Found:</b>	<input type="text"/>							
51190	11-19-25				3.5299					0.6493
		<b>Guarantee:</b>			4.437					0.62
		<b>Found:</b>	<input type="text"/>							
51191	11-19-25				3.5299					0.6493
		<b>Guarantee:</b>			4.218					<b>0.543</b>
		<b>Found:</b>	<input type="text"/>							
Southern States - Owenton Owenton ,KY										
51605	33-5-13									0.1352
		<b>Guarantee:</b>								0.147
		<b>Found:</b>	<input type="text"/>							
51609	2-6-19				2.4725	0.206				
		<b>Guarantee:</b>			3.215	0.186				
		<b>Found:</b>	<input type="text"/>							
Southern States - Richmond VA Richmond ,VA										
07472	00-00-22	Brand: K-MAG 0-0-22								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	11.32	21.47					
07477	00-00-22	Brand: K-MAG 0-0-22								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	11.43	21.76					
07612	21-00-00	Brand: 21-0-0 AMMONIUM SULFATE								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.7					
07698	21-00-00	Brand: AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.0885					
07699	00-00-00	Brand: 90% SULFUR								
		<b>Guarantee:</b>			90					
		<b>Found:</b>	<input type="text"/>		91.5686					
50003	00-00-22	Brand: K-MAG								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	10.41	22.41					

Values in bold are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50130	21-00-00	Brand: AS Guarantee: Found:			24 24.03					
50163	21-00-00	Brand: AS Guarantee: Found:			24 23.9					
50211	00-00-22	Brand: KMAG Guarantee: Found:		11 16.5	22 <b>19.56</b>					
50213	21-00-00	Brand: AS Guarantee: Found:			24 23.41					
50337	21-00-00	Brand: AS Guarantee: Found:			24 23.28					
50595	21-00-00	Brand: 'AS Guarantee: Found:			24 23.6					
50693	21-00-00	Brand: 'AS Guarantee: Found:			24 23.63					
50698	00-00-22	Brand: 'KMAG Guarantee: Found:		11 <b>9.28</b>	22 <b>18.48</b>					
50724	00-00-00	Brand: '90% SULPHUR Guarantee: Found:			90 90.31					
50798	00-00-22	Brand: 'SPM Guarantee: Found:		11 11.22	22 24.3					
50859	34-00-00	Brand: 'Super Kicker Guarantee: Found:			10 9.942					
50865	21-00-00	Brand: 'AS Guarantee: Found:			24 23.15					
50940	00-00-22	Brand: 'K-MAG Guarantee: Found:		11 10.9	22 22.54					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51771	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			23.85 23.97					
51788	37-00-00	Brand: 'Super Kicker Plus Top Dresser <b>Guarantee:</b> <b>Found:</b>			8 8.224					
51899	00-00-22	Brand: 'KMAG <b>Guarantee:</b> <b>Found:</b>		11	22 24.21					
51903	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 24.57					
52030	34-00-00	Brand: 'Super Kicker Plus <b>Guarantee:</b> <b>Found:</b>			10 10.54					
52178	00-00-22	Brand: 'K-Mag <b>Guarantee:</b> <b>Found:</b>		11	22 21.91					
52269	34-00-00	Brand: 'Super Kicker Plus <b>Guarantee:</b> <b>Found:</b>			10 10.68					
52270	34-00-00	Brand: 'Super Kicker Plus <b>Guarantee:</b> <b>Found:</b>			10 10.19					
52271	10-20-15	Brand: 'Southern States Premium <b>Guarantee:</b> <b>Found:</b>			0.25 0.704					
Southern States - Russellville Russellville ,KY										
07646	4-17-36	<b>Guarantee:</b> <b>Found:</b>		1.2222	2.4444 3.338					
07724	5-26-22	<b>Guarantee:</b> <b>Found:</b>			6.3082 7.083	0.0822 0.111	0.0822 0.0844		0.4112 0.486	1.6448 2.03
07725	5-26-22	<b>Guarantee:</b> <b>Found:</b>			6.3082 7.042	0.0822 0.114	0.0822 0.0972		0.4112 0.52	1.6448 2.032

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50572	38-00-00	<b>Guarantee:</b>			7.5					
		<b>Found:</b>	<input type="text"/>		7.742					
50573	41-00-00	<b>Guarantee:</b>			4.8102					
		<b>Found:</b>	<input type="text"/>		4.617					
50575	13-18-25	<b>Guarantee:</b>			2.2671	0.1343				
		<b>Found:</b>	<input type="text"/>		2.807	0.0928				
50576	17-11-24	<b>Guarantee:</b>			3.3017	0.1651				
		<b>Found:</b>	<input type="text"/>		4.105	0.162				
Southern States - Shelbyville Shelbyville ,KY										
50638	6-16-35	<b>Guarantee:</b>			5.5706					0.1199
		<b>Found:</b>	<input type="text"/>		6.894					0.106
50639	6-16-35	<b>Guarantee:</b>			5.5598					0.1496
		<b>Found:</b>	<input type="text"/>		6.723					0.138
51476	22-13-19	<b>Guarantee:</b>			3.312					
		<b>Found:</b>	<input type="text"/>		3.831					
51477	21-12-20	<b>Guarantee:</b>			3.3226					
		<b>Found:</b>	<input type="text"/>		4.668					
Southern States - Somerset Somerset ,KY										
51953	27-12-13	<b>Guarantee:</b>			2.6882				0.0149	0.0597
		<b>Found:</b>	<input type="text"/>		3.771				0.0206	0.0706
Southern States - Springfield Springfield ,KY										
51031	14-15-23	<b>Guarantee:</b>			9	0.1111				
		<b>Found:</b>	<input type="text"/>		9.799	0.102				
Southern States - Warsaw Shelbyville ,KY										
51263	6-15-39	<b>Guarantee:</b>				0.0601				
		<b>Found:</b>	<input type="text"/>			0.054				
51269	40-00-00	<b>Guarantee:</b>			6.0083					
		<b>Found:</b>	<input type="text"/>		6.602					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51270	40-00-00									
		Guarantee:			6.0083					
		Found:	<input type="text"/>		6.041					
Southern States - Winchester Winchester ,KY										
52180	35-00-7									
		Guarantee:							0.0173	0.1381
		Found:	<input type="text"/>						0.0193	0.123
52181	35-9-7									
		Guarantee:							0.0173	0.1381
		Found:	<input type="text"/>						0.0223	0.138
Southern States Winchester Fertilizer Plant Winchester ,KY										
50229	24-5-11	Brand: 24-5-11								
		Guarantee:			9			0.2	0.001	0.06
		Found:	<input type="text"/>		10.51			0.371	0.0675	0.0597
51896	00-10-30	Brand: 'SS								
		Guarantee:				0.45				
		Found:	<input type="text"/>			<b>0.333</b>				
52272	00-10-30	Brand: 'Southern States								
		Guarantee:				0.45				
		Found:	<input type="text"/>			0.3925				
Speed Ag Service, LLC Hickman ,KY										
50395	21-00-00	Brand: AS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.14					
51873	12-14-22									
		Guarantee:			7.245	0.1621				0.3836
		Found:	<input type="text"/>		9.283	0.137				0.434
51874	12-14-22									
		Guarantee:			7.245	0.1621				0.3836
		Found:	<input type="text"/>		8.757	0.137				0.496
51875	12-14-22									
		Guarantee:			7.245	0.1621				0.3836
		Found:	<input type="text"/>		7.479	0.141				0.445
51880	11-20-26									
		Guarantee:			3.4286					
		Found:	<input type="text"/>		4.194					
51881	11-20-26									
		Guarantee:			3.4286					
		Found:	<input type="text"/>		3.589					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51882	11-20-26									
		Guarantee:			3.4286					
		Found:	<input type="text"/>		3.779					
51883	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.393					
51884	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.272					
SQM North America Corp Atlanta ,GA										
51500	00-00-52	Brand: '0-0-52								
		Guarantee:			18					
		Found:	<input type="text"/>		18.36					
Stanley Crop Service Owensboro ,KY										
50873	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.32					
SUL4R Plus, LLC Louisville ,KY										
50203	00-00-00	Brand: SUL 4 PLUS								
		Guarantee:	22		16					
		Found:	<input type="text" value="13.62"/>		<b>9.6</b>					
50411	00-00-00	Brand: SUL4R-PLUS BORON								
		Guarantee:	18		15		1.5			
		Found:	<input type="text" value="18.3921"/>		15.093		1.282			
50630	00-00-00	Brand: 'Sul4r-Plus								
		Guarantee:	22		16					
		Found:	<input type="text" value="21.2556"/>		17.18					
51134	00-00-00	Brand: 'Sul4RPlus								
		Guarantee:	21		17					
		Found:	<input type="text" value="22.58"/>		17.43					
51193	00-00-00	Brand: 'Sul4R-Plus Boron								
		Guarantee:	18		15		1.5			
		Found:	<input type="text" value="18.62"/>		16.38		1.359			
51194	00-00-00	Brand: 'Sul4R-Plus B & Z								
		Guarantee:	18		16		0.5			1.5
		Found:	<input type="text" value="20.1"/>		16.6		0.4988			1.49
51195	00-00-00	Brand: 'Sul4R-Plus								
		Guarantee:	21		17					
		Found:	<input type="text" value="20.76"/>		17.83					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51224	00-00-00	Brand: 'Sul4R-Plus B & Z								
		<b>Guarantee:</b>	18		16	0.5				1.5
		<b>Found:</b>	20.0		16.7	0.5802				1.72
51226	00-00-00	Brand: 'Sul4R-Plus								
		<b>Guarantee:</b>	21		17	0.5T				
		<b>Found:</b>	22.7		17.6	0.0033				
51230	00-00-00	Brand: 'Sul4R-Plus								
		<b>Guarantee:</b>	18		17	0.5				1.5
		<b>Found:</b>	18.4		17.0	0.5112				1.63
51534	00-00-00	Brand: 'Sul4RPlus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	22.5		17.6					
51918	00-00-00	Brand: 'Sul4RPlus								
		<b>Guarantee:</b>	22		16					
		<b>Found:</b>	21.2		17.13					
Sun Bulb Company, INC. Arcadia ,FL										
51825	11-35-15	Brand: 'Better-Gro Orchid Better - Bloom 11-35-15								
		<b>Guarantee:</b>		0.6		0.02	0.05	0.1	0.05	0.05
		<b>Found:</b>		0.692		0.0229	0.0512	0.116	0.0501	0.0545
Swiss Farms Products Las Vegas ,NV										
07402	16-4-8	Brand: TREE, SHRUB & EVERGREEN 16-4-8								
		<b>Guarantee:</b>				0.02	0.05	1	0.05	0.05
		<b>Found:</b>				0.0311	0.0891	1.582	0.113	0.191
07404	12-6-10	Brand: ROSE FOOD 12-6-10								
		<b>Guarantee:</b>		1	9	0.02	0.05	1	0.05	0.05
		<b>Found:</b>		1.623	10.09	0.0314	0.0798	1.595	0.113	0.204
50832	12-10-5	Brand: 'Vigoro Tomato & Veg								
		<b>Guarantee:</b>	3	3	5	0.02	0.05	1	0.05	0.05
		<b>Found:</b>	9.788	4.191	7.364	0.0346	0.0866	1.387	0.145	0.166
51766	12-10-5	Brand: 'Vigoro Tomato And Vegetable Garden								
		<b>Guarantee:</b>	3	3	5	0.02	0.05	1	0.05	0.5
		<b>Found:</b>	9.607	4.236	7.207	0.0325	0.105	1.504	0.125	<b>0.217</b>
51820	12-10-5	Brand: 'Vigoro Tomato & Vegetable 12-10-5								
		<b>Guarantee:</b>	3	3	5	0.02	0.05	1	0.05	0.05
		<b>Found:</b>	9.697	4.323	6.971	0.0303	0.0544	1.416	0.0646	0.148
Tessengerlo Kerley Phoenix ,AZ										
50973	12-00-00	Brand: 'Thio-Sul								
		<b>Guarantee:</b>			26					
		<b>Found:</b>			26.03					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
50974	00-00-25	Brand: 'KTS								
		<b>Guarantee:</b>			17					
		<b>Found:</b>			16.65					
The Hawthorne Gardening Company Port Washington ,NY										
51854	3-4-2	Brand: 'Whitney Farms All Purpose 3-4-2								
		<b>Guarantee:</b>	2							
		<b>Found:</b>	5.48							
The Scotts Company Marysville ,OH										
07391	32-00-10	Brand: SCOTTS FALL LAWN FOOD								
		<b>Guarantee:</b>			6					
		<b>Found:</b>			6.208					
07605	32-00-10	Brand: 32-0-10 TURF BUILDER WINTERGUARD FALL								
		<b>Guarantee:</b>			6					
		<b>Found:</b>			6.807					
07606	28-00-6	Brand: 28-0-6 TURF BUILDER WINTERGUARD FALL WEED & FEED								
		<b>Guarantee:</b>			3					
		<b>Found:</b>			3.005					
51456	28-00-3	Brand: 'Scotts Turf Builder Weed & Feed								
		<b>Guarantee:</b>			4					
		<b>Found:</b>			4.088					
51461	32-00-10	Brand: 'Scotts Turf Builder Southern Lawn Food								
		<b>Guarantee:</b>			4			2		
		<b>Found:</b>			4.543			2.578		
51688	26-00-2	Brand: 'Scotts Green Max								
		<b>Guarantee:</b>			11			5.17		
		<b>Found:</b>			12.73			5.969		
51692	15-9-12	Brand: 'Osmocote Plus Outdoor & Indoor								
		<b>Guarantee:</b>		1.3	6	0.02	0.05	0.46	0.06	0.05
		<b>Found:</b>		1.61	6.985	0.0265	0.0558	0.48	0.1	0.0504
Thomas Cayce Farm Supply, LLC Princeton ,KY										
07437	20-00-00	Brand: AMM SULFATE								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			23.85					
07444	14-20-17									
		<b>Guarantee:</b>			6.8571					
		<b>Found:</b>			7.292					
07689	11-19-25									
		<b>Guarantee:</b>			4.1244					
		<b>Found:</b>			4.536					

Values in bold are deficient.

**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
07690	11-19-25									
		Guarantee:			4.1244					
		Found:	<input type="text"/>		4.629					
50265	20-00-00	Brand: AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.9					
51088	17-12-16									
		Guarantee:			6.2503					
		Found:	<input type="text"/>		7.468					
51089	17-12-16									
		Guarantee:			6.2503					
		Found:	<input type="text"/>		6.837					
Tiger-Sul Products LLC Atmore ,AL										
51914	00-00-00	Brand: 'Tiger Sul 90%								
		Guarantee:			90					
		Found:	<input type="text"/>		91.51					
Tri-County Fertilizer Co., Inc. Richmond ,KY										
52260	21-00-28									
		Guarantee:								1.3333
		Found:	<input type="text"/>							<b>1.022</b>
Verdesian Life Sciences US LLC Cary ,NC										
51633	00-00-00	Brand: 'Ag-Min Zinc 36%								
		Guarantee:			3			8		36
		Found:	<input type="text"/>		4.509			11.29		40.71
Voluntary Purchasing Group Bonham ,TX										
51040	12-4-4	Brand: 'Pecan & Fruit Tree								
		Guarantee:			1					1
		Found:	<input type="text"/>		12.6					1.036
52166	00-00-00	Brand: 'Hi-Yield Aluminum Sulfate								
		Guarantee:			16					
		Found:	<input type="text"/>		16.05					
Warner Fertilizer - Liberty Liberty ,KY										
50615	20-13-20									
		Guarantee:			4.9606					
		Found:	<input type="text"/>		6.148					
Warner Fertilizer - Monticello Monticello ,KY										
51731	17-18-18									
		Guarantee:			4.0395					1.2567
		Found:	<input type="text"/>		5.379					1.534

Values in bold are deficient.



**TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS**

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
51732	17-18-18									
		<b>Guarantee:</b>			4.0395					1.2567
		<b>Found:</b>	<input type="text"/>		5.672					1.679
Warner Fertilizer - Russell Springs Russell Springs ,KY										
51808	7-19-32									
		<b>Guarantee:</b>								1.9459
		<b>Found:</b>	<input type="text"/>							2.606
51809	7-19-32									
		<b>Guarantee:</b>								1.9459
		<b>Found:</b>	<input type="text"/>							1.928
Warner Fertilizer - Somerset Somerset ,KY										
51613	21-00-00	Brand: AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.16					
Woodford Feed Company, Inc. Versailles ,KY										
51644	26-00-26									
		<b>Guarantee:</b>			1.4725					
		<b>Found:</b>	<input type="text"/>		1.784					
51645	38-9-00									
		<b>Guarantee:</b>			3.622					0.6965
		<b>Found:</b>	<input type="text"/>		3.802					0.62747

Values in bold are deficient.



# Regulatory Bulletin 333

## Table 4 Registered Companies 2016-2017



Kentucky Fertilizer Registrants – July 2016 thru June 2017

3H Trading Company, LLC  
8505 Technology Forest Place  
Suite 1102  
The Woodlands TX 77381

A-J Inc  
291 N Hubbards Ln  
Suite 172 POB 113  
Louisville KY 40207

A.H. Hoffman  
POB 290  
Lancaster NY 14086

Acadian Seaplants Limited  
30 Brown Ave  
Dartmouth NS B3B 1X8  
Canada

Access Business Group Intl LLC  
7575 Fulton Street. East  
Ada MI 49355

Actagro, LLC  
677 W. Palmdon Dr. #108  
Fresno CA 93704

Active Agriscience Inc  
209-31136 Peardonville Rd  
Abbotsford BC V2Y 6K2

Advanced Biological Marketing Inc  
POB 222  
Van Wert OH 45891

Advanced Marine Technologies  
33 Cape Street  
New Bedford MA 02740

Advanced Microbial Solutions  
POB 519  
Pilot Point TX 76258

Advanced Micronutrient Products  
2405 W Vassar Rd  
Reese MI 48757

Advanced Nutrients  
#109-31063 Wheel Ave  
Abbotsford BC V2T 6H1  
Canada

Advanced Turf Solutions - Fishers  
12955 Ford Drive  
Fishers IN 46038

Advancing Eco Agriculture  
4551 Parks West Rd  
Middlefield OH 44062

AdvanSix  
POB 1559  
Hopewell VA 23860

AeroGrow International, Inc.  
6075 Longbow Drive, Suite 200  
Boulder CO 80301

Ag Concepts Corporation  
439 E Shore Dr Suite 200  
Eagle ID 83616

Ag Distributors Inc  
POB 90366  
6615 Robertson Ave  
Nashville TN 37209

Age Old Organics  
2001 West Main Street POB 618  
Mendota IL 61342

Agnition  
1600 Hanh Rd  
Marshall MN 56258

Agri-Chem - Bardwell  
2351 Highway 51 North  
Bardwell KY 42023

Agri-Chem - Clinton  
PO Box 295  
Clinton KY 42031

Agri-Chem - Herndon  
11825 Lafayette Road  
Herndon KY 42236

Agri-Chem - Hopkinsville  
1106 West 15th Street  
PO Box 31  
Hopkinsville KY 42240

Agri-Chem - Princeton  
1301 Highway 62 West  
PO Box 527  
Princeton KY 42445

Agri-Gro Marketing  
HC 4 Box 333  
Doniphan MO 63935

AgriEnergy Resources  
21417 1950 E ST.  
Princeton IL 61356

AgriGro Farm Center, Inc.  
100 AgriGro Drive  
PO Box 143  
Hartford KY 42347

Agrimar Corporation  
15401 Weston Parkway, Suite 150  
Cary NC 27513

Agrinos Inc  
820 S MacArthur Blvd #105-357  
Coppell TX 75019

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Agriport Terminal 1127 Port Authority Rd. Eddyville KY 42038	Agrium U.S. Inc. Attn: Product Stewardship 5296 Harvest Lake Drive Loveland CO 80538	Agro Culture Liquid Fertilizer 3055 W M 21 St. Johns MI 48879
Agroplantae Inc 1865 Herndon Ave Suite K321 Clovis CA 93611	Agxplore Intl LLC POB 638 Parma MO 63870-0638	Albaugh LLC POB 2127 Valdosta GA 31604
All Plant Liquid Plant Food 804 State Route 511 N Ashland OH 44805	All Star Products Group LLC POB 3179 Wallingford CT 06494	Allen County Farmers Service, Inc. 512 Smiths Grove Road Scottsville KY 42164
Altitude Crop Innovations LLC 4850 Hahns Peak Drive Suite 200 Loveland CO 80538	American Plant Food Corporation POB 584 Galena Park TX 77547	Amturf Enterprises, LLC 13963 Westside Lane South Jefferson OR 97352
Anderson County Farm Service, Inc. 145 Hawkins Street Lawrenceburg KY 40342	Antler King Trophy Products, Inc. 811 Red Iron Road Black River Falls WI 54615	Antler Technologies LLC 103 San Remo Dr Islamorada FL 33036
Anuvia Florida LLC 6751 West Jones Ave Zellwood FL 32798	Aqua-Aid Inc 5484 Old Carriage Rd Rocky Mount NC 27803	Aqua-Yield Operations 4219 Abinadi Rd Salt Lake City UT 84124
Aquatrols Corporation of America 1273 Imperial Way Paulsboro NJ 08066	Arbor Systems POB 34645 Omaha NE 68134	Arborjet 99 Blueberry Hill Rd Woburn MA 01801
Archer Daniels Midland 121 South 8th Street, Suite 1700 Minneapolis MN 55402	Arysta Life Science America 1450 Broadway, 20th Floor New York NY 10018	Arysta Life Science NA LCC 15401 Weston Parkway Suite 150 Cary NC 27513
ATAMI America Inc POB 20169 Paris ON N3L 4A5 Canada	Atlantic Pacific Agricultural Co 427 Ridge Street POB 3197 Reno NV 89505	Aurora Innovations 29862 E Enid Rd Eugene OR 97402
Azomite Mineral Products Inc 7406 NE 84th Terrace Kansas City MO 64157	Ball DPF LLC 307 E Mulberry St Sherman TX 75090	Ballard County Coop., Inc. 475 West KY Dr. PO Box 329 La Center KY 42056

Kentucky Fertilizer Registrants – July 2016 thru June 2017

BAM Agricultural Solutions Inc  
190 NW Spanish River Blvd  
Suite 101  
Boca Raton FL 33431

Bandana Ag, Inc.  
100 Needmore Road  
La Center KY 42056

Barenbrug USA, Inc.  
33477 Highway 99E  
PO Box 239  
Tangent OR 97389

BASF Corporation  
26 Davis Drive  
Research Triangle Park NC 27709

Bayer Advanced, BU OF BCS LP  
P.O. Box 12014  
Research Triangle Park NC 27709

Bayer Environmental Science  
POB 12014  
Research Triangle Park NC 27709

Beaty Fertilizer  
P.O. Box 2516  
Cleveland TN 37320

Beneficial Biologics  
114 New Mohawk Rd Unit A  
Nevada City CA 95959

Beneficial Reuse Management  
372 Ontario St., Suite 501  
Chicago IL 60654

Bentrei Fertilizer Company LLC  
7304 S. Yale Avenue  
Tulsa OK 74136

Bertels B. V.  
Ommelpad 2  
6035 PC Ospel  
The Netherlands

Bickett Ag - Central City  
10391 SR 175 North  
Central City KY 42330

Bickett Ag - Morganfield  
9921 SR 56 East  
Morganfield KY 42437

Big Bend Agri-Services Inc  
POB 479 320 1st Ave NE  
Ciaro GA 39828

Big Yield.us (AgMaxx Inc)  
28706 S State Route 7  
Garden City MO 64747

BioPro Technologies, LLC  
4060 SE 45th Ct  
Oscala FL 34480

Biovante LLC  
601 S Walnut St Suite B  
Bernie MO 63822

Biowish Technologies Inc  
2724 Erie Avenue Suite C  
Cincinnati OH 45208

Bioworks Inc.  
100 Rawson Road, Suite 205  
Vistor NY 14564

Black Gold Compost  
P. O. Box 190  
Oxford FL 34484

Black Gold Envirosafe  
POB 190  
Oxford FL 34484

Black Label  
POB 13919  
Las Vegas NV 89112

Bloom Brothers Garden Supply Inc  
3920 Gilman Street  
Long Beach CA 90815

Bluegrass Seed & Fertilizer, Inc.  
3345 Bloomfield Road  
Bardstown KY 40004

Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany NY 13424

Borates Plus Inc  
1101 South Blossom Trail  
Apopka FL 32703

Botanicare  
6858 W Chicago St  
Chandler AZ 85226

Bougainvillea Growers  
Internatinal  
7401 Stringfellow Rd  
St. James City FL 33956

Brandt Consolidated Inc  
2935 S Koke Mill Rd  
Springfield IL 62711

Brandt iHammer  
479 Village Park Drive  
Powell OH 43065

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Bridgewell Agribusiness LLC  
12420 SE Carpenter Dr  
Clackamas OR 97015

C F Industries Sales LLC  
4 Parkway N, Suite 400  
Deerfield IL 60015-2590

C.D. Poore Fertilizer  
708 Burkesville Road  
Albany KY 42602

Calcium Products Incorporated  
POB 281  
Gilmore City IA 50541

Calco Marketing Inc  
3988 Clay Street  
Houston TX 77023

Calhoun Feed Service LLC  
515 Nebo Road  
Madisonville KY 42431

Cameron Chemicals Inc  
4539 Professional Circle Suite 201  
Virginia Beach VA 23455

Canton Mills, Inc  
P.O. Box 97  
Minnesota City MN 55959

Carolina Eastern Organics  
POB 546  
Pamplico SC 29583

Carso, Inc.  
404 South Vine Street  
PO Box 139  
Camargo IL 61919

Catalyst  
10100 Douglas Ave  
Urbandale IA 50322

Central Crop Care  
1742 KY Highway 3244  
Crab Orchard KY 40419

Central Farmers Supply, Inc.  
901 Columbia Highway  
Greensburg KY 42743

Central Garden & Pet  
5401 W. Oakwood Park Dr  
Franklin WI 53132

Central Garden & Pet Garden  
Division  
1000 Parkwood Circle, Suite 700  
Atlanta GA 30339

CF Industries Nitrogen LLC  
4 Parkway North Suite 400  
Deerfield IL 60015

CGB Fertilizer  
5130 Port Road  
Jeffersonville IN 47130

CH Biotech R&D  
601 Kettering Drive  
Ontario CA 91761

Charlie's Compost LLC  
1195 Hwy 815  
Calhoun KY 42327

Chatta Creek Resources  
C/O Beaty Fertilizer  
Cleveland TN 37323

Chem One LTD  
14140 Westfair East Dr.  
Houston TX 77041

Chemsico, Division of United  
Industries  
P.O. Box 142642  
St. Louis MO 63114

Cherokee Nitrogen  
1309 Ridge Road, Suite 315  
Rockwall TX 75087-4243

Chiles Ag Services  
3317 Rayburn Rd  
Murray KY 42071

CHS Crop Nutrients  
POB 64089  
St. Paul MN 55164-0089

CIBA-Geigy Corporation  
POB 18300  
Greensboro NC 27419

Cincinnati Bulk Terminals LLC  
895 West Mering Way  
Cincinnati OH 45203

Circle S Farm Supply  
14 Circle S Road POB 518  
Rutherford TN 38369

Clark's Grocery Feed & Seed  
6911 Highway 779  
Rockholds KY 40759

Clements Ag Supply  
dba Springfield Seed  
PO Box 347  
Springfield KY 40069



Kentucky Fertilizer Registrants – July 2016 thru June 2017

CNI Agriminerals, LLC POB 3706 Albany GA 31706	Columbia Point POB 247 Columbia City MO 97018	Commonwealth Agri Solutions - Morganfield 1075 Hwy 60 W PO Box 350 Morganfield KY 42437
Commonwealth Agri-Solutions - Hopkinsville 1106 West 15th Street Hopkinsville KY 42240	Compass Minerals Ogden Inc 765 N. 10500 West Ogden UT 84404	Compass Minerals USA Inc 9900 W 109th Street Suite 100 Overland Park KS 66210
Compass Minerals Wynyard, Inc. 9900 W. 109th St. Overland Park KS 66210	Concept Ag 1300 Plant Road Charleston MO 63834	Conklin Company Inc 551 Valley Park Dr Shakopee MN 55379-0000
Conrad Fafard, Inc. 770 Silver Street Agawam MA 01001	Corbin Farm & Garden Center, Inc. 1205 Master Street PO Box 1187 Corbin KY 40702	CPS - Allensville 7645 Allensville Road PO Box 25 Allensville KY 42204
CPS - Bardwell 2351 Highway 51 North Bardwell KY 42023	CPS - Beaver Dam 230 East 1st Street PO Box 186 Beaver Dam KY 42320	CPS - Campbellsville 144 Airport Road PO Box 7 Campbellsville KY 42719
CPS - Cecilia 356 Robinson Street Cecilia KY 42724	CPS - Clarkson 702 West Main Street PO Box 8 Clarkson KY 42726	CPS - Clarksville 5216 Guthrie Highway Clarksville TN 37040
CPS - Clay 8381 State Route 132 West Clay KY 42404	CPS - Clinton 245 Cotton Gin Road Clinton KY 42031	CPS - Ekron 7410 U.S. 60 Ekron KY 40117
CPS - Fancy Farm 10693 State Route 121 N Fancy Farm KY 42039	CPS - Glendale 6339 New Glendale Road PO Box 155 Glendale KY 42740	CPS - Greeley POB 1286 Greeley CO 80632
CPS - Hardin 1266 Brewers Highway Hardin KY 42048	CPS - Henderson 1229 Outer 5th Street Henderson KY 42420	CPS - Hodgenville 307 West Main Street PO Box 147 Hodgenville KY 42748
CPS - Horse Cave 6495 South Jackson Highway Horse Cave KY 42749	CPS - Kevil 6696 Paducah Road PO Box 112 Kevil KY 42053	CPS - Lebanon 565 Royer Avenue PO Box 493 Lebanon KY 40033

Kentucky Fertilizer Registrants – July 2016 thru June 2017

CPS - Morganfield  
4770 U.S. 60 West  
Morganfield KY 42437

CPS - Murray  
1319 Cross Spann Rd  
Murray KY 42071

CPS - Pembroke  
221 Duffy Street  
PO Box 129  
Pembroke KY 42266

CPS - Riverport  
2700 Rinaldo Rd  
Owensboro KY 42301

CPS - Russellville  
5240 Halls Store Road  
Russellville KY 42276

CPS - Russellville  
485 Peyton Street  
Russellville KY 42276

CPS - Sacramento  
PO Box 229  
Sacramento KY 42372

CPS - Sedalia  
1680 State Route 339 East  
PO Box 9  
Sedalia KY 42079

CPS - Shelbyville  
256 Old Brunerstown Road  
Shelbyville KY 40065

CPS - Slaughters  
12375 Hanson Road  
PO Box 39  
Slaughters KY 42456

CPS - Upton  
14109 South Dixie Highway  
PO Box 380  
Upton KY 42784

CPS - Waverly  
4630 US HWY 60 East  
Waverly KY 42462

Cromartie Agricultural Chemicals  
PO Box 71647  
Albany GA 31708

Crown Technology Inc  
7513 E. 96TH ST.  
Indianapolis IN 46256

Crystal Clear Inc  
PO BOX 38  
Romeo MI 48065

CSI Chemical Corporation  
1716 Montana Avenue  
El Paso TX 79902

CX Hydroponics  
POB 8048  
Wanbroo WA 6169

Darling Ingredients  
305 Priest St  
Henderson KY 42420

Darling Ingredients Inc  
4221 Alexandria Pike  
Cold Spring KY 41076-1821

DASCO, Inc  
9785 Maroon Circle Suite 110  
Englewood CO 80112

Davey Tree Expert Company  
1500 N. Manuta St.  
POB 5193  
Kent OH 44240

Davey Tree Expert Company  
6065 Branch Hill Rd  
Milford OH 45150

David Austin Roses LTD  
15059 State Hwy 64 W  
Tyler TX 75704

Davis Brothers Farms  
POB 487  
Cunningham KY 42035

DeltAg  
POB 4812  
Greenville MS 38704

DLF Pickseed USA, Inc.  
175 West H Street  
PO Box 229  
Halsey OR 97348

Domestic Fertilizer Inc  
1750 17th Street  
Paris KY 40361

Donaghys Industries LTD  
63 Bradshaw Street  
Dunedin New Zealand

Dr. Earth Inc  
POB 460  
Winters CA 95694

Drake's Farm Service, Inc.  
620 Logansport Road  
PO Box 308  
Morgantown KY 42261

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Dramm Corporation  
Attention Tim Tetzlaff  
P.O. BOX 1960  
Manitowoc WI 54220

Drexel Chemical Company  
POB 13327  
Memphis TN 38113-0327

Dyna-Gro  
2775 Giant Rd  
Richmond CA 94806

Earthworks  
30 Morgan Hill Road  
Easton PA 18042

Earthworm Castings Unlimited,  
LLC  
2590 N Beach Rd Unit 100  
Englewood FL 34223

Easy Gardener  
POB 21025  
Waco TX 76702-1025

Eau Claire CO-OP Oil Company  
POB 837  
Eau Claire WI 54702

EcoScraps  
POB 731  
Sandy UT 84091

EDC Ag Products Company LLC  
1309 Ridge Road, Suite 315  
Rockwall TX 75087-4243

El Dorado Chemical Company  
4500 North West Avenue  
El Dorado AR 71730

Elemental Enzymes Ag and Turf  
LLC  
1685 Galt Industrial Blvd  
St Louis MO 63132

Elite Garden Wholesale  
POB 386  
Santa Barbara CA 93102

Emerald Harvest  
1399 Corporate Center Parkway  
Santa Rosa CA 95407

Emerald Triangle  
POB 305  
Fortuna CA 95540

Encap, LLC  
3921 Algoma Road  
Green Bay WI 54311

ENP Investments Inc  
POB 618  
Mendota IL 61342

EnviroKure Inc  
5222 E Comley St  
Philadelphia PA 19135

Espoma Company  
6 Espoma Rd  
Millville NJ 08332

Evergreen Liquid Plant Food  
790 St. Charles St. W R.R. #1  
Breslau ON N0B 1M0  
Canada

Everris NA  
POB 3310  
Dublin OH 43016

Farm Ag Sales, LLC dba C & F Farm  
Supply  
66 East Main St Hwy 70  
PO Box 98  
Hiseville KY 42127

Farmers Fertilizer - Bowling Green  
739 Kelly Road  
Bowling Green KY 42104

Farmers Fertilizer - Bowling Green  
5619 Old Nashville Road  
Bowling Green KY 42104

Farmers Fertilizer - Smiths Grove  
PO Box 127  
Smiths Grove KY 42171

FBSciences Inc  
153 N Main Suite 100  
Collierville TN 38017

Fertile Peat Products LLC  
250 ProPeat Drive  
Sugar City ID 83448

Fertrell Company  
POB 265  
Bainbridge PA 17502

Fleming County Farm Supply  
1724 Maysville Road  
Flemingsburg KY 41041

Floradis Enterprises Inc  
POB 156  
Riva MD 21140

Florikan E.S.A., LLC  
6801 Energy Court Suite 100  
Sarasota FL 34240

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Florists Transworld Delivery  
3113 Woodcreek Drive  
Downers Grove IL 60515

Foxfarm Soil & Fertilizer Company  
POB 787  
Arcata CA 95518

Free Flow Fertilizer Company  
POB 119  
Maumee OH 43537

Frick Services Inc  
3154 W Depot St POB 40  
Wawaka IN 46794

Frit Industries  
P.O. Box 1589  
Ozark AL 36361

Galaxy Sulfur LLC  
POB 1165  
Valdosta GA 31603-1165

Gantec Inc  
777 E Isabella Rd  
Midland MI 48640

Garick  
13600 Broadway Ave  
Cleveland OH 44125

Gaskins Fertilizer  
1820 Millerfield Road  
Russell Springs KY 42642

General Hydroponics  
POB 1576  
Sebastopol CA 95473

Genesis Ag LLC  
1201 NW Briarcliff Parkway #200  
Kansas City MO 64116

Global Organics LLC  
16121 W Eddie Albert Way  
Goodyear AZ 85338

Gold Label  
5050 Arboga Road  
Olivehurst CA 95961

Granco Minerals Inc  
23011 Airpark Drive  
Petersburg VA 23803

Grant County Mulch Inc  
181 Mulch Drive  
Petersberg WV 26847

Green & Hagstrom  
7767 Fernvale Rd POB 658  
Fairview TN 37062

Green and Grow Inc  
600 Congress Avenue Floor 14  
Austin TX 78701

Green Charger Fertilizer Corp  
POB 26234  
Richmond VA 23260

Green Growers Technology  
Alliance LLC  
64 Folsom Ave  
Huntington Station NY 11746

Green River Feed Mill, Inc.  
1239 South Main St PO Box 410  
Morgantown KY 42261

Green Star Plant Products Inc  
#284-505-8840 210th Street  
Langley BC V1M 2Y2  
Canada

Green Technologies LLC  
POB 35790  
Gainesville FL 32635-7905

GreenPoint Ag, LLC  
1268 Highway 261  
PO Box 459  
Hardinsburg KY 40143

Greenrite AG Supply  
1020 Brooks Industrial Road  
PO Box 1223  
Shelbyville KY 40065

Grigg Brothers  
9495 1050 E POB 128  
Albion ID 83311

Gro Green Inc  
717 Elk St  
Buffalo NY 14210

Gro Tec Inc  
POB 290  
Madison GA 30650-1821

Gro-More  
281 Farmland Rd  
Leola PA 17540

Grow Appalachia  
CPO 2122  
Berea KY 40404

Grow More Inc  
15600 New Century Drive  
Gardena CA 90248

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Growers Chemical Corp 321 Huron St POB 1750 Milan OH 44846-0000	Growmark Inc 1701 Towanda Ave. Bloomington IL 61702	Haifa North America Inc 307 Cranes Roost Blvd #2030 Alamonte Springs FL 32701
Hancock County Farm Supply, Inc. 740 Madison Street PO Box 95 Hawesville KY 42348	Harrell's, LLC 720 Kraft Road Lakeland FL 33815	Harrell's, LLC 151 Gene E. Stewart Blvd Sylacauga AL 35151
Harsco Metal & Minerals 359 North Pike Rd Sarver PA 16055	Harvest Consumer Products LLC 215 Overhill Drive Suite 200 Mooreville NC 28117	Harvest Garden Pro 1977 Bay Rd. Milford DE 19936
Hawthorne Hydroponics dba General Hydroponics 2877 Giffen Avenue Santa Rosa CA 95407	Hawthorne Hydroponics dba General Organics 2877 Giffen Avenue Santa Rosa CA 95407	Headwaters Inc 10701 S Riverfront Parkway Suite 300 South Jordan UT 84095
Helena Chemical Company - Collierville 225 Schilling Blvd Suite 300 Collierville TN 38017	Helena Chemical Company - Hazel 1679 Hub Erwin Road Hazel KY 42049	Helena Chemical Company - Hickman 3500 State Route 1099 Hickman KY 42050
Helena Chemical Company - Owensboro 3021 Harbor Road Owensboro KY 42301	Helm Fertilizer 10150 Highland Manor Dr Suite 230 Tampa FL 33610	Helm Fertilizer Company 401 East Jackson St., Suite 1400 Tampa FL 33602
Henry Farmers Cooperative - Murray 4075 HWY 641 South Murray KY 42071	Henry Farmers Cooperative - Paris 225 Tennessee 69 N PO Box 1058 Paris TN 38242	Henry Farmers Cooperative - Salem 521 East Main Street Salem KY 42078
HGCI, Inc. dba Hawthorne Hydroponics Brands 3993 Howard Hughes Parkway Suite 250 Las Vegas NV 89169-6754	Highland Sod Farm 1377 Hutcherson Lane Elizabethtown KY 42701	Hilander Feed Company 618 Military Street Georgetown KY 40324
Hinton Mills at Cynthiana 332 Lincoln Ave Cynthiana KY 41031	Holganix LLC 54 Conchester Rd Glen Mills PA 19342	Homegrown Hydroponics Inc 26 Meteor Drive Toronto ON M9W 1A4 Canada
Howard Fertilizer & Chemical Company POB 628202 Orlando FL 32862	Howard Johnson Enterprises Inc 9675 S 60th St Franklin WI 53132	Humboldt Bottling POB 429 Fortuna CA 95540

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Humic Growth Solutions Inc  
709 Eastport Rd  
Jacksonville FL 32218

Hydrite Chemical Company  
300 N Patrick Blvd  
Brookville WI 53045

Hydrodynamics International  
5711 Enterprise Drive  
Lansing MI 48911

Hydrolysate Company of America  
LLC  
POB 271  
Isola MS 38754

Hydrodynamics International  
5711 Enterprise Drive  
Lansing MI 48911

Hyponex Corporation  
14111 Scottslawn Rd.  
Marysville OH 43041

HYR BRIX Fertilizer  
2242 Berlin Station Rd  
Delaware OH 43015

Hysinger Farm  
1375 Rose Hill Rd  
Mt Vernon KY 40456

ICL Premium Fertilizers NA - St.  
Louis  
622 Emerson Rd  
St. Louis MO 63141

Impact Organics  
1009 Linn County Road  
LaCygne KS 66040

Improcrop  
dba Alltech Crop Science  
3031 Catnip Hill Road  
Nicholasville KY 40356

Innactiv Crop Care LLC  
1880 Fall River Dr Suite 100  
Loveland CO 80538

Insta-Gro Manufacturing Inc.  
8217 Linn Hipsher Rd.  
Caledonia OH 43314

International Chemical  
1887 E 71st Street  
Tulsa OK 74136

International Mulch Company,  
Inc.  
PO Box 31366  
Des Peres MO 63131

Isagro USA Inc  
430 Dais Drive Suite 240  
Morrisville NC 27560

Italpollina USA  
PO Box 9039  
Fort Wayne IN 46899-9039

J. A. Oldfield & Son, Inc.  
8447 Highway 460  
Mize KY 41352

J. R. Peters  
6656 Grant Way  
Allentown PA 18106

Janes Fertilizer & Farm Supply  
4540 Edmonton Road  
Columbia KY 42728

JH Biotech  
4951 Olivas Park Dr  
Ventura CA 93003

Jigsaw Marketing & Media LTD  
POB 703  
Bucks HP6 9BX  
United Kingdom

JM Fertilizer  
100 S Ashley Dr Suite 1240  
Tampa FL 33602

Jonathan Green & Sons, Inc.  
PO Box 326  
Farmingdale NJ 07727

JRM Chemical  
4881 NEO Parkway  
Cleveland OH 44128

Kee's Farm Service & Supply, LLC.  
KY Route 1 & 7 North  
PO Box 901  
Grayson KY 41143

Keg River Chemical Corporation  
10350-21 St  
Edmonton AB T6P 1W4  
Canada

Kellogg Garden Products  
350 W Sepulveda Blvd  
Carson CA 90745

Ken's Value Center  
5529 HWY 1054 South  
Berry KY 41003

Kent Marine  
9675 S. 60th Street  
Franklin WI 53132

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Kentucky Earthworm Castings  
371 Thompson Rd  
Lexington KY 40508

Kentucky Fertilizer - Winchester  
303 Hill Street  
Winchester KY 40391

Keyplex  
POB 2515  
Winter Park FL 32790

Kittrich Corporation  
1585 W. Mission Blvd.  
Pomona CA 91766

Knox Fertilizer Company Inc  
POB 248 W. Culver Rd  
Knox IN 46534

Koch Agronomic Services LLC  
POB 2900  
Wichita KS 67201-2900

Koch Fertilizer International LTD  
C/O Koch Ag & Energy Solutions  
4111 E 37th Street N  
Witchita KS 67220

Koch Fertilizer LLC  
POB 2900  
Wichita KS 67201

Kresti A. Lyddon Consulting  
9980-230 S+N  
Scandea MN 55273

Kugler Company  
PO Box 1748  
McCook NE 69001

Lake Cumberland Farmers Coop.  
469 East Highway 90 Bypass  
Monticello KY 42633

Lawn and Garden Products Inc  
POB 35000  
Fresno CA 93745

Lawn Cure of Southern Indiana  
POB 558  
5000 Progress Way  
Sellersburg IN 47172

Lebanon Seaboard Corporation  
1600 East Cumberland Street  
Lebanon PA 17042

Lesaffre Yeast Corporation  
7475 West Main Street  
Milwaukee WI 53214

Lesco Inc.  
1385 East 36th Street  
Cleveland OH 44114

Lidochem Inc  
20 Village Court  
Hazlet NJ 07730

Lilly Miller Brands  
1340 Treat Blvd Suite 650  
Walnut Creek CA 94597

Lilly Miller Brands - Atlanta  
1000 Parkwood Circle Suite 700  
Atlanta GA 30339

Live Earth Products  
POB 76  
Emery UT 84522

Louisville & Jefferson County MSD  
4522 Algonquin Parkway  
Louisville KY 40211

Louisville & Jefferson County MSD  
4522 Algonquin Parkway  
Louisville KY 40211

Mac Farms  
469 Gwinn Lane  
Campbellsville KY 42718

Macon Trousdale Farms  
905 Scottsville Rd.  
Lafayette TN 37083

Magic Dirt Horticultural Products,  
LLC  
11500 North Rodney Parham Rd  
Suite 9  
Little Rock AR 72212

Marco NPK Inc  
201 E Benton Street POB 477  
Clinton IL 61727

Markman Peat Corp.  
900 Eagle Ridge Road  
Le Claire IA 52753

Mars Fishcare North America Inc  
50 East Hamilton Street  
Chalfont PA 18914

Marshall County Coop  
501 Poplar Street  
PO Box 230  
Benton KY 42025

Martin Marietta - Manistee  
1800 E. Lake Rd  
Manistee MI 49660

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Martin Operating Partnership LP POB 191 Kilgore TX 75663-0191	Master Blend International LLC 4673 Weitz Rd Morris IL 60450	MASTER NURSERY 2151 SALVIO ST SUITE 255 CONCORD CA 94520
Master Plant-Prod Inc 314 Orenda Rd Brampton ON L6T 1G1	J.J. Mauget Company Inc 5435 Peck Rd. Arcadia CA 91006-5847	Mays Lick Mill 6538 U.S. 68 Mays Lick KY 41055
Mayville Limestone Inc POB 25 Mayville WI 53050	Messinas 55 Willow St Washington NJ 07882	MFA Incorporated 201 Ray Young Drive Columbia MO 65201
MGS Horticulture USA, Inc. 9900 Mount Elliott Detroit MI 48211	Michigan Peat Company POB 980129 Houston TX 77098-0129	Mid States Ag Sales LLC POB 3003 Laverge TN 37086-1983
Midwest AGri-Chemico Inc POB 1717 4868 Nash Cape Girardeau MO 63702	Midwestern BioAg, Inc. 918 Deming Way, Suite 200 Madison WI 53717	Mighty Grow Inc POB 526 Fruitdale AL 36539
Miller Chemical & Fertilizer LLC POB 333 Radio Road Hanover PA 17331	Milwaukee Metro Sewerage District POB 3049 Milwaukee WI 53201-3049	Miracle-Gro Lawn Products, Inc. 14111 Scottslawn Rd Marysville OH 43041
Mirimichi Green Express LLC 418 Hermitage Rd Castle Hayne NC 28429	Monty's Plant Food 4800 Strawberry Lane Louisville KY 40209	Morrall Company 132 Postle Street POB 26 Morrall OH 43337
Mosaic Global Sales, LLC. 13830 Circa Crossing Dr. Lithia FL 33547	Mulch Manufacturing 6747 Taylor Road, SW Reynoldsburg OH 43068-9649	Mycorrhizal Applications LLC 810 NW E ST Grants Pass OR 97526
N-Vizion Products Group Inc POB 579 Washington GA 30673	Nachurs Alpine Solutions Corporation 421 Leader St. Marion OH 43302-9989	National Garden Wholesale 5408 NE 88TH Street Vancouver WA 98665
Natural Technologies 10 Northern Blvd, Unit 20 Amherst NH 03031	North Country Organics POB 372 Bradford VT 05033	Novelty Manufacturing Company 1330 Loop Road Lancaster PA 17601



Kentucky Fertilizer Registrants – July 2016 thru June 2017

Nutra-Flo Company  
200 S. Derby Lane  
North Sioux City SD 57049

Nutrients Plus LLC  
2133 Upton Dr, Suite 126  
Virginia Beach VA 23454

Oakley Little Rock  
POB 17880  
North Little Rock AR 72117

Ocean Crest Seafoods Inc  
88 Commercial St  
Gloucester MA 01930

Ocean Organics  
POB 1448  
Waldoboro ME 04572

OGM  
POB 3442  
Chico CA 95927

Ohio Earth Food  
5488 Swamp Street NE  
Hartville OH 44632

OHP Inc  
POB 230  
Mainland PA 19451

Oldcastle Lawn & Garden  
POB 468567  
Atlanta GA 31146

Omega Protein Inc  
2105 City West Blvd Suite 500  
Houston TX 77042

Omex Agrifluids Inc  
POB 815  
Selma CA 93662

Oregon's Only  
POB 7312  
Springfield OR 97475

Organic Laboratories Inc  
5520 Glades Cut-Off Road  
Fort Pierce FL 34981

Ostara Nutrients USA Inc  
690-1199 West Pender St  
Vancouver BC V6E 2R1

Otis Bryant & Son, Inc.  
PO Box 148  
Caneyville KY 42721

Paducah-McCracken Riverport  
Authority  
125 Locust Dr. POB 2302  
Paducah KY 42002

Pallets Plus, LLC  
250 American Greeting Card Rd.  
Corbin KY 40701

Parrish Shop & Sales, LLC  
8805 Larue Road  
Henderson KY 42420

Pathway Biologic LLC  
111 East Tever St  
Plant City FL 33563

PBI Gordon Corp  
1217 W 12th St  
POB 014090  
Kansas City MO 64101

PCI Nitrogen Pasadena LLC  
POB 3447  
Pasadena TX 77501

PCS Sales (USA) Inc  
1101 Skokie Blvd Suite 400  
Northbrook IL 60062

Pearl Valley Farms dba Pearl  
Valley Organix  
968 S Kent Rd  
Pearl City IL 61062

Pennington Seed - Greenfield  
303 S. Grand Ave.  
PO Box 338  
Greenfield MO 65661

Pennyrile Ag. Oil, Inc.  
2260 Princeton Road  
Hopkinsville KY 42240

Perdue AgriBusiness LLC  
28338 Enviro Way  
Seaford DE 19973

Phase II Inc  
POB 185 15750 S 680 W  
Remington IN 47944

Pinnacle Ag - Franklin  
6007 Bowling Green Road  
Franklin KY 42134

Pinnacle Ag - Fancy Farm  
9625 State Route 121 N.  
Fancy Farm KY 42039

Pinnacle Ag - Glasgow  
242 Nobob Road PO Box 126  
Glasgow KY 42142

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Pinnacle Ag - Hartford  
1320 Highway 231 North  
PO Box 23  
Hartford KY 42347

Pinnacle Ag - Mayfield  
521 South 16th Street  
Mayfield KY 42066

Pinnacle Ag - Melber  
5799 Shaw Road  
Melber KY 42069

Pinnacle Ag - Russellville  
95 Utility Drive  
Russellville KY 42276

Pinnacle Ag - Wingo  
2559 State Route 94 West  
Wingo KY 42088

Pinnacle Agriculture  
3400 Players Club Parkway  
Suite 210  
Memphis TN 38125

Plant Food Company Inc  
38 Hightstown-Cranbury Station Rd  
Cranbury NJ 08512

Plant Impact Inc.  
3005 Carrington Mill Blvd  
Morrisville NC 27560

Plant Marvel Laboratories  
371 E. 16th St.  
Chicago Heights IL 60411

Plant Revolution Inc  
412 Goetz Ave  
Sant Ana CA 92707

Plant Science Inc  
2934 Vandorf Side Road  
Stouffville ON L4A 2J8  
Canada

Plantation Products, Inc.  
202 South Washington Street  
Norton MA 02766

Pleasant View Agri-Service  
446 South Union Road  
Auburn KY 42206

PQ Corporation  
POB 840  
Valley Forge PA 19482

Prather Worm Castings  
582 Goodlet Road  
Salvisa KY 40372

Precision Laboratories  
1429 S Shields Dr  
Waukegan IL 60085

Premier Tech Biotechnologies  
1 Avenue Premiere  
Reviere-Du-Loup QC G5R 6C1  
Canada

Premier Tech Horticulture  
200 Kelly Rd Unit E-1  
Quakertown PA 18951

Prestige Marketing LTD  
815 Brown Road  
Orion MI 48359

Pro Ag Sales & Service - Danville  
410 Valksdahl Avenue  
Danville KY 40422

Pro Products, LLC  
7201 Engle Rd.  
Fort Wayne IN 46804

Pro Sol  
POB 1589  
Ozark AL 36361

Pro Solutions - Crofton  
222 East Princeton Street  
Crofton KY 42217

ProFarm Inc  
C/O Incorporating Services LTD  
3500 South Dupont Highway  
Dover DE 19901

Proven Winners North America  
LLC  
45 North First St Suite B  
Campbell CA 95008

Pryor Chemical Company  
4463 Hunt St  
Pryor OK 74361

Pure Life Veganix  
16211 N. Scottsdale Rd. , A6A-195  
Scottsdale AZ 85254

Purely Organic Products, LLC  
1 New Hampshire Ave. Suite 125  
Portsmouth NH 03301

Quality Borate Company  
3690 Orange Place Suite 495  
Cleveland OH 44122

Quik Gro  
POB 309  
Philpot KY 42366

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Raintree Services  
d.b.a. Chemlawn Trugreen  
400 Center Street  
Bowling Green KY 42101

Redox Chemicals LLC  
130 S 100 W  
Burley ID 83318

Reforestation Technologies  
5355 Monterey Frontage Rd  
Gilroy CA 95020-8033

Reiziger Pty Ltd  
335 Hay Street  
Subiaco, Western Australias

Reliance Ag - Russellville  
333 Watermelon Road  
Russellville KY 42276

Reliance Ag - Trenton  
393 Penchem Road  
Trenton KY 42286

Residex LLC  
15415 Marquardt Avenue  
Santa Fe Springs CA 90670

Restora-Life Minerals Inc  
2140 SCR 97  
Bay Springs MS 39422

Rhino Seed & Landscape Supply,  
LLC  
1093 129th Avenue PO Box 86  
Bradley MI 49311

Rhizoflora Inc  
4770 Occidental Rd  
Santa Rosa CA 95401

Richlawn Turf Food LLC  
15121 County Road 32  
Platteville CO 80651

Rip's Farm Center - Tollesboro  
dba Rip's Ag Solutions, LLC  
214 Lions Club Road  
Tollesboro KY 41189

River Ag of Illinois Inc  
POB 629  
Metropolis IL 62960

River Bend Ag Llc  
P.O. Box 126  
New Madrid MO 63869

Rock Holdings SA PTY LTD  
Cnr Brian And Lyndsay Rd  
Lonsdale, South Australia  
5095

Rocky Mountain Bio Solids a  
Division of Bowman Con  
10801 E 54TH Ave  
Denver CO 80239

Rod McLellan Company - Oregon  
POB 70  
Independence OR 97351

Rogers Fertilizer & Services LLC  
836 West Main Street  
Lebanon KY 40033

Rolf C Hagen (Usa) Corp  
305 Forbes Blvd  
Mansfield MA 02048

Rootblast International INC  
P.O. Box 20109  
Canton OH 44707

Rosen's Inc  
700 SW 291 Hwy Suite 204  
Liberty MO 64068

S. J. Enterprises  
2/94 Brown TCE  
Salisbury Australia  
5108

Sanco Industries Inc  
POB 11617  
Ft Wayne IN 46859

SBM Life Science Corporation  
1001 Winstead Drive, Suite 500  
Cary NC 27513

Schaeffer Manufacturing  
Company  
102 Barton Street  
St. Louis MO 63104

SCL Americas Inc  
6900 College Blvd Suite 430  
Overland Park KS 66211

Scotts Miracle-Gro Products Inc  
14111 Scottslawn Rd  
Marysville OH 43041

Scotts Sierra  
14111 Scottslawn Rd  
Marysville OH 43041

Security Seed - Clarksville  
5217 Guthrie Highway  
Clarksville TN 37040

Security Seed - Clinton  
4217 St. Rt. 703 E  
Clinton KY 42031

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Security Seed - Elizabethtown  
3950 Hodgenville Road  
Elizabethtown KY 42701

Security Seed - Hopkinsville  
3530 Eagle Way  
Hopkinsville KY 42240

Security Seed - Morganfield  
3856 Highway 60 East  
Morganfield KY 42437

Security Seed - Murray  
795 Butterworth Road  
Murray KY 42071

Security Seed - Russellville  
3256 Clarksville Road  
Russellville KY 42276

Security Seed - Salem  
318 West Main Street  
Salem KY 42078

Security Seed - Slaughters  
3110 Jewell City Road  
Slaughters KY 42456

Security Seed and Chemical  
1000 Port Plaza Rd.  
Henderson KY 42420

Seventy Feeds LLC  
1647 Highway 70 East  
Eubank KY 42567

Sharkey Products LLC  
305 Henriette Ave  
Crivitz WI 54114

Sierra Natural Science Inc  
1031 Industrial St Unit C  
Salinas CA 93901

Sims Bark Company  
POB 4049  
Muscle Shoals AL 35662

Sipcam Agro USA Inc  
2525 Meridian Parkway, Suite 350  
Durham NC 27713

Solce Fertilizer Company LLC  
419 10th Avenue West  
Palmetto FL 34221

Solu-Cal USA LTD  
POB 278  
West Warham MA 02576

Solutions 4 Earth LLC  
931 American Pacific Drive #104  
Henderson NV 89041

South Central Farm Supply  
701 East Main Street  
Gamaliel KY 42140

Southern FS, INC  
POB 728  
Marion IL 62959

Southern States - Bowling Green  
640 Plum Springs Loop  
Bowling Green KY 42101

Southern States - Cadiz  
2829 Hopkinsville Road  
Cadiz KY 42211

Southern States - Calhoun  
1432 Highway 136 East  
Calhoun KY 42327

Southern States - Campbellsville  
1720 East Broadway Street  
Campbellsville KY 42718

Southern States - Carlisle  
102 Dorsey Avenue  
Carlisle KY 40311

Southern States - Cynthiana  
1236 US Highway 27 South  
Cynthiana KY 41031

Southern States - Elizabethtown  
402 South Mulberry Street  
Elizabethtown KY 42701

Southern States - Elkton  
606 West Main Street  
PO Box 278  
Elkton KY 42220

Southern States - Eminence  
760 Elm Street  
Eminence KY 40019

Southern States - Flemingsburg  
658 West Water Street  
PO Box 167  
Flemingsburg KY 41041

Southern States - Franklin  
301 Finn Street  
PO Box 528  
Franklin KY 42135

Southern States - Georgetown  
1141 Paris Road, US 460  
Georgetown KY 40324

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Southern States - Glasgow  
300 Samson Street  
Glasgow KY 42141

Southern States - Hardinsburg  
122 Old Highway 60 E  
Hardinsburg KY 40143

Southern States - Harrodsburg  
1027 North College Street  
Harrodsburg KY 40330

Southern States - Henderson  
5290 HWY 425 Bypass  
Henderson KY 42420

Southern States - Hodgenville  
310 West Water Street  
Hodgenville KY 42748

Southern States - Hopkinsville  
501 East 13th Street  
Hopkinsville KY 42240

Southern States - Horse Cave  
1104 South Dixie Highway  
Horse Cave KY 42749

Southern States - Liberty  
225 South Wallace Wilkinson  
Boulevard  
Liberty KY 42539

Southern States - London  
1208 Barbourville Street  
London KY 40741

Southern States - Maysville  
1325 Clyde T Barbour Parkway  
PO Box 668  
Maysville KY 41056

Southern States - Morganfield  
2746 Highway 60 West  
Morganfield KY 42437

Southern States - Nicholasville  
701 Nicholasville By-Pass  
Nicholasville KY 40356

Southern States - Owensboro  
3231 Carter Road  
Owensboro KY 42301

Southern States - Owenton  
335 Main Street  
Owenton KY 40359

Southern States - Owingsville  
409 Brooks Avenue  
PO Box 557  
Owingsville KY 40360

Southern States - Richmond  
1607 East Main Street  
Richmond KY 40475

Southern States - Richmond VA  
6606 W Broad St  
PO Box 26234  
Richmond VA 23260

Southern States - Russellville  
209 N Bethel St  
PO Box 480  
Russellville KY 42276

Southern States - Russellville  
Fertilizer Plant  
POB 600  
US 68 E Bowling Green Rd  
Russellville KY 42276

Southern States - Sebree  
1112 Highway 41 North  
Sebree KY 42455

Southern States - Shelbyville  
624 South 7th Street  
Shelbyville KY 40065

Southern States - Somerset  
271 Highway 2227  
Somerset KY 42503

Southern States - Springfield  
1752 Bardstown Road  
Springfield KY 40069

Southern States - Stanford  
175 Cordier Street  
Stanford KY 40484

Southern States - Warsaw  
625 U.S. 42 West  
Warsaw KY 41095

Southern States - Winchester  
21 Pendleton Street  
Winchester KY 40391

Southern States Winchester  
Fertilizer Plant  
P.O. Box 516 Magnolia Rd.  
Winchester KY 40391

Spectrum Group  
POB 142642  
St. Louis MO 63114

Speed Ag Service, LLC  
345 State Route 166W  
Hickman KY 42050

Speedling  
POB 307  
Bushnell FL 33513

Kentucky Fertilizer Registrants – July 2016 thru June 2017

SQM North America Corp 2727 Paces Ferry Rd. Bldg 2, Suite 1425 Atlanta GA 30339	Stanley Crop Service 250 Church Street Owensboro KY 42301	Stark Bros Nurseries & Orchards Company 20947 HWY 54 Louisiana MO 63353
Stoller Enterprises Inc 4001 W. Sam Houston Parkway N Suite 100 Houston TX 77043	SUL4R Plus, LLC 12601 Plantside Drive Louisville KY 40299	Sulvaris Inc 6443 2 ST SE Calgary AB T2H 1J5 Canada
Sun Bulb Company, INC. P.O. Drawer 698 Arcadia FL 34265	Sun Gro Horticulture Distributing 770 Silver Street Agawam MA 01001	Sunleaves Garden Products 1410 Hancel Parkway Mooresville IN 46158
Sunlight Supply Inc 3204 NW 38th Circle Vancouver WA 98660	Sunrise Cooperative - Lebanon 2025 W State Street POB 870 Fremont OH 43420	Sunshine Paper Company 12601 E. 33rd Ave #109 Aurora CO 80011
Suntton Biochemical Ltd. Suite 102 11830 223rd Street Unit 200 Mapleridge BC V2X 5Y1 Canada	Superior Ag Resources POB 7 Chrisney IN 47611	Superior Ag Resources PO Box 38 St. Meinrad IN 47577
Supreme Growers LLC 7652 Central Industrial Dr Unit 2 Riviera Beach FL 33404	Sustane Natural Fertilizer 310 Holiday Ave Cannon Falls MN 55009	Swiss Farms Products 3993 Howard Hughes Parkway Las Vegas NV 89169
Sylvite LLC 1607 W. Olive Lakeland FL 33815	T and N Inc POB 240 815 HWY T Foristell MO 63348	T-Nou NV Scharlooweg 25 Willemstad Curacao The Dutch Antilles
Talc USA 1710 141 St Ave SE Page ND 58304	Technaflora Plant Products LTD 7261 River Place Unit 101 Mission BC V4S 0A2 Canada	Tennessee Farmers Coop - Lavergne 180 Old Nashville Highway POB 3003 LaVergne TN 37086
Tessengerlo Kerley 2255 N. 44th Street Suite 300 Phoenix AZ 85008	Tetra Technologies Inc 24955 Interstate 45 North The Woodlands TX 77380	TEVA Corporation 6100 State Highway 77 Benton MO 63736
The Andersons Inc P O Box 119 Maumee OH 43537	The Doggett Corporation 30 Cherry Street Lebanon NJ 08833	The Garden Patch POB 550 St. Petersburg FL 33731

Kentucky Fertilizer Registrants – July 2016 thru June 2017

The Guano Company  
116 Himalaya Dr.  
PO Box 1000  
Trinidad CA 95570

The Hawthorne Gardening  
Company  
800 Port Washington Blvd  
Port Washington NY 11050

The Ortho Group  
P.O. Box 190  
Marysville OH 43041

The Pond Guy Inc  
Pob 38  
Romeo MI 48065

The Sanctuary  
POB 656  
Winter Park CO 80482

The Scotts Company  
14111 Scottslawn Road  
Marysville OH 43041

Thomas Cayce Farm Supply, LLC  
3069 Highway 1272  
Princeton KY 42445

Tiger-Sul Products LLC  
POB 5  
Atmore AL 36504

Timac Agro USA Inc  
POB 888  
Reading PA 19607

Tower Garden LLC  
140 Crescent Dr  
Collierville TN 38017

Trammo Inc  
3000 Bayport Dr, Suite 100  
Tampa FL 33607-8403

Tri County Chemical  
2441 Public Rd  
El Dorado IL 62930

Tri-County Fertilizer Co., Inc.  
124 South Estill Avenue  
Richmond KY 40475

Triple G Fertilizer  
4422 US 51 South  
Arlington KY 42021

TruGreen - Florence  
POB 488  
Florence KY 41022-0488

TruGreen - Scott Depot  
109 Erskin Ln.  
POB 396  
Scott Depot WV 25560

TruGreen Evansville  
P.O. BOX 5679  
8601 Baumgart Rd  
Evansville IN 47725

TruGreen Lexington  
2264 Danforth Drive  
Lexington KY 40511

TruGreen Louisville  
13135 Middletown Ind Blvd.  
Louisville KY 40223

TruGreen Louisville South  
10830 Penion Drive  
Louisville KY 40299

Turf Care Supply Corporation  
50 Pearl Rd. Unit 200  
Brunswick OH 44212

U.S. Borax Inc  
14486 Borax Road  
Boron CA 93516

UF Granular Fertilizers  
132 Postal Rd  
Morral OH 43337

Ultra Yield Micronutrients Inc  
213 West Moxee Avenue  
Moxee WA 98936

UNCO Industries Inc.  
1577 11th Avenue  
Union Grove WI 53182

United States Gypsum Company  
550 West Adams Street  
Chicago IL 60661-3676

United Suppliers  
POB 538  
Eldora IA 50627

Valagro  
19500 HWY 249 Suite 245  
Houston TX 77070

Valley Farm Center, Inc.  
1226 North Main Street  
Monticello KY 42633

Valley Fertilizer Company  
117 Sartin Road  
PO Box 180  
Edmonton KY 42129

Kentucky Fertilizer Registrants – July 2016 thru June 2017

Vegalab  
1201 North Orange Street  
Suite 7233  
Wilmington DE 19801-1186

Verdesian Life Sciences US LLC  
1001 Winstead Dr Suite 480  
Cary NC 27513

Vermicrop Organics  
5050 Arboga Rd  
Olivehurst CA 95961

Vitamin Institute  
12610 Saticoy Street South  
N. Hollywood CA 91605

Vivid Life Sciences LLC  
POB 41632  
Minneapolis MN 55441

Vogel Seed & Fertilizer Company Inc  
1891 Spring Valley Rd  
Jackson WI 53037

Voluntary Purchasing Group  
230 FM 87  
Bonham TX 75418

W.H. Shelley General Merchandise  
3352 Colfax Road  
Hillsboro KY 41049

Wabash Valley Service Company  
909 N Court Street  
Grayville IL 62844

Warner Farm Mart - Broadhead  
6075 Highway 70  
Brodhead KY 40409

Warner Fertilizer - Albany  
2672 North Highway 127  
Albany KY 42602

Warner Fertilizer - Campbellsville  
1498 South Columbia Avenue  
Campbellsville KY 42718

Warner Fertilizer - Columbia  
108 Oak Street  
Columbia KY 42728

Warner Fertilizer - East Bernstadt  
971 Highway 490  
East Bernstadt KY 40729

Warner Fertilizer - Liberty  
699 Whipp Avenue  
Liberty KY 42539

Warner Fertilizer - Monticello  
P O Box 117  
Monticello KY 42633

Warner Fertilizer - Nancy  
10315 West Highway 80  
PO Box 108  
Nancy KY 42544

Warner Fertilizer - Russell Springs  
170 East Highway 80 POB 30  
Russell Springs KY 42642

Warner Fertilizer - Somerset  
POB 796  
Somerset KY 42502

Warner Fertilizer - Stanford  
1331 Old US Highway 127 East  
PO Box 441  
Stanford KY 40484

Warner Fertilizer - Tompkinsville  
2010 Edmonton Road  
PO Box 215  
Tompkinsville KY 42167

Waterway Ag Inc  
POB 629  
Metropolis IL 62960

Waynesburg Ag  
457 Jake Faw Rd  
Waynesburg KY 40489

Weldon's Chemical LLC  
25 Roland Avenue  
Mount Laurel NJ 08054

West Central Distribution LLC  
2700 Trott Avenue SW POB 897  
Willmar MN 56201

Wild Valley Farms, LLC  
2775 N. 7000 E.  
Croydon UT 84018

Wilson Industrial Sales Company Inc  
5063 South 1000 West POB 297  
Rensselaer IN 47948

Winfield Solutions, LLC  
PO Box 64589  
Saint Paul MN 55164

Wonder Soil  
6355 Windy Rd Suite 1  
Las Vegas NV 89119

Woodford Feed Company, Inc.  
498 Lexington Street PO Box 116  
Versailles KY 40383



Kentucky Fertilizer Registrants – July 2016 thru June 2017

Woods Farm Supply  
POB 366  
3248 Highway 309 S  
Byhalia MS 38611

Woodstream Corporation  
69 North Locust Street  
PO Box 327  
Lititz PA 17543

Worm Power LLC  
1691 Jenks Rd  
Avon NY 14414

X-Seed, LLC  
12885 Prosperity Avenue  
Becker MN 55308

Yara North America  
100 N. Tampa St, Suite 3200  
Tampa FL 33602

Yara UK LTD  
Manor Place, Wellington Rd  
The Industrial Estate  
Pocklington, York YO421DN  
United Kingdom



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## Appendices

Appendix A – Explanation of Tables

Appendix B – Investigational Allowances

Appendix C – Monetary Penalties

Appendix D – Maximum Chlorine Guarantee  
for Tobacco Fertilizers



## Appendix A

### Explanation of Tables

**Table 1.**

Standing of Manufacturer – self explanatory

**Table 2.**

Sample Data—

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

**GRADE:** The registrant’s whole number guarantee is expressed as the grade: N - P<sub>2</sub>O<sub>5</sub> - K<sub>2</sub>O. For custom mixes with fractional guarantees this represents the whole number part of the guarantee.

**Sample Number:** A laboratory sample number is assigned each sample and is the only code used by the laboratory to identify a sample.

**\*** : An asterisk (\*) in the micronutrients column indicates that the sample was analyzed for one or more of the following tests: Calcium (Ca), Magnesium (Mg), Sulfur (S), Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn) and/or Zinc (Zn) Table 3.

**N, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O:** These are the results of the chemical analyses of each sample for total Nitrogen (N), available phosphate (P<sub>2</sub>O<sub>5</sub>) and soluble potash (K<sub>2</sub>O).

**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% P<sub>2</sub>O<sub>5</sub>, and 24% K<sub>2</sub>O.

A “Guaranteed Value” and a “Found Value” are computed for the fertilizer by using the following example commercial values: N - \$4.00, P<sub>2</sub>O<sub>5</sub> - \$3.80, and K<sub>2</sub>O (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 <sub>2</sub> O <sub>5</sub>	24.0	X	3.80	=	91.20
K <sub>2</sub> O	24.0	X	1.60	=	38.40
<b>Total “Guaranteed Value”</b>					<b>153.60</b>

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 <sub>2</sub> O <sub>5</sub>	24.1	X	3.80	=	91.58
K <sub>2</sub> O	23.9	X	1.60	=	38.24
Total “Found Value”					153.42

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

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

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

Those results marked **in bold** 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% P<sub>2</sub>O<sub>5</sub> may both be shown as containing 9.1%. One of these may marked **in bold** 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 **in bold** 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<sub>2</sub>O<sub>5</sub> and 11.2% K<sub>2</sub>O. 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<sub>2</sub>O<sub>5</sub> and 10.9% K<sub>2</sub>O, only the 10.9% P<sub>2</sub>O<sub>5</sub> would be marked **in bold** because it is below the 11.9% guarantee by more than the investigational allowance.

**Table 3** – Self explanatory

**Table 4** - Self explanatory

## Appendix B

### INVESTIGATIONAL ALLOWANCES

#### Primary Nutrients

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

Guaranteed %	Total Nitrogen (N) %	Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) %	Soluble Potash (K <sub>2</sub> 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.

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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**

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

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

**Relative Value (RV) and Maximum Chlorine (XSCL)**

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

The investigational allowance for maximum chlorine is 0.5 percentage point.



## Appendix C

### MONETARY PENALTIES

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

#### PRIMARY NUTRIENTS AND RV

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

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

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

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

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

**SECONDARY AND MINOR ELEMENTS**

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

**EXCESS CHLORINE IN TOBACCO FERTILIZERS**

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

Any penalty assessed for a deficiency in N, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O, 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.

## Appendix D

### Maximum Chlorine Guarantee for Tobacco Fertilizers

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

Chlorine (Cl) Maximum	50 lb./acre
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The maximum chlorine guarantee shall be:

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

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

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





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