

# Annual Report

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# Analyses of Official Fertilizer Samples

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July 2017 – June 2018



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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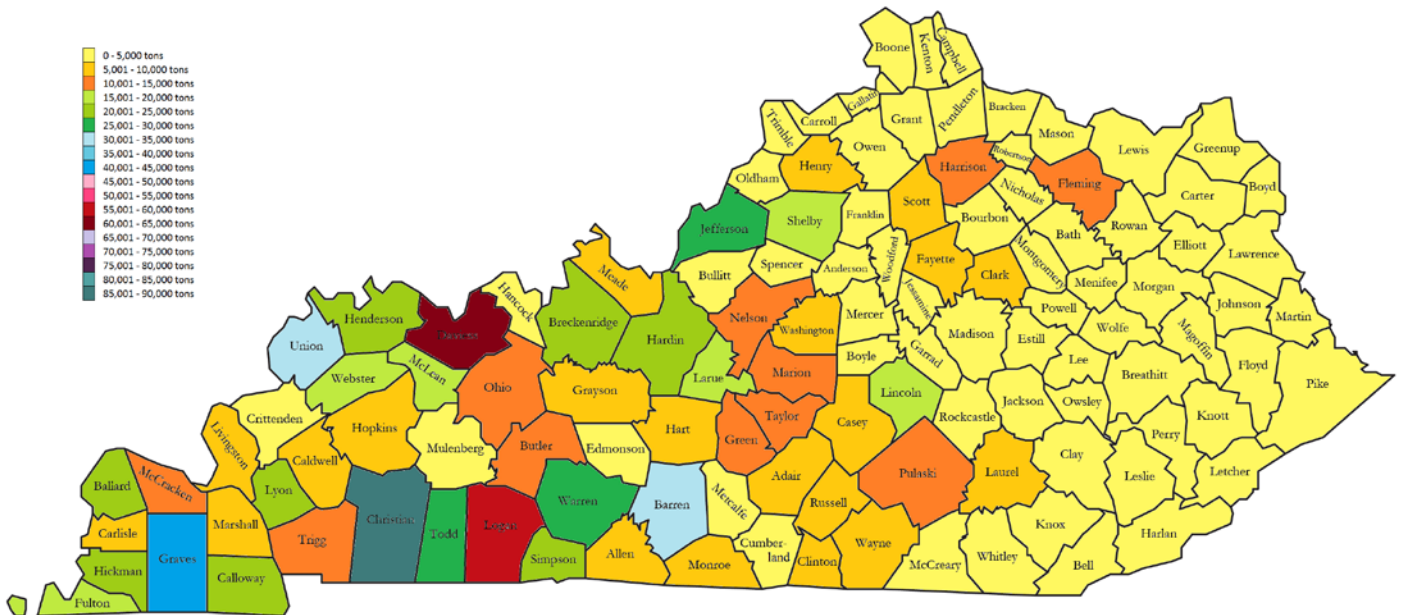
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## INTRODUCTION

This bulletin presents the results of the analysis of 2,703 official samples of commercial fertilizer taken during the period of July 1, 2017 through June 30, 2018 by the field inspection staff. The samples represented approximately 53,288 tons of fertilizer out of the approximately 1,043,565 tons sold during this period. The Laboratory made 2,306 nitrogen, 1,864 phosphorus, 1,943 potassium, and 1,398 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, 2018.

**Distribution of Fertilizer Tonnage in Kentucky  
July 2017 – June 2018**



**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.

<b>Nutrient</b>	<b>2017</b>	<b>2018</b>
	<b>Dollars/Unit (20 lbs.)</b>	
Total Nitrogen (N)	\$8.33	\$8.55
Avail. Phosphate (P <sub>2</sub> O <sub>5</sub> )	\$7.09	\$7.15
Soluble Potash (K <sub>2</sub> O)		
Tobacco (Low CL)	\$14.48	\$14.29
Non-Tobacco	\$5.29	\$5.49
Calcium (Ca)	\$6.76	\$6.76
Magnesium	\$25.65	\$31.69
Sulfur (S)	\$9.50	\$9.45
Boron (B)	\$119.68	\$109.91
Copper (Cu)	\$141.43	\$166.67
Iron (Fe)	\$16.50	\$16.50
Manganese (Mn)	\$35.71	\$35.71
Molybdenum (Mo)	\$20.20	\$20.20
Zinc (Zn)	\$50.74	\$51.50

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 2017 through June 2018

	Total	Container			Use	
		Bagged	Bulk	Liquid	Farm	Non-Farm
Multi-Nutrient	381,655.00	50,231.11	315,756.82	15,667.07	344,435.06	37,219.94
Nitrogen	406,744.21	11,862.21	142,948.73	251,933.27	404,470.32	2,273.89
Phosphate	2,711.39	49.45	2,659.36	2.58	2,709.04	2.36
Potash	226,720.36	6,477.00	219,146.17	1,097.20	225,697.64	1,022.72
Organics	408.41	183.27	222.61	2.53	357.41	51.00
Sec/Micro	11,738.52	2,302.31	8,662.37	773.84	10,273.20	1,465.32
Lime	3,774.12	355.37	3,148.75	0.00	3,771.47	2.65
Miscellaneous	9,812.83	2,632.42	6,688.68	491.73	8,731.61	1,061.23
Total	1,043,564.84	74,093.14	669,503.48	269,968.22	1,000,445.73	43,119.11

Percentage by container:

Bagged	7.10
Bulk	67.03
Liquid	25.87

Percentage by use:

Farm	95.87
Non-Farm	4.13





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## Table 1 Standing of Manufacturers



TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Advanced Turf Solutions - Fishers - Fishers, IN	2	2	100%
Ag Distributors Inc - Nashville, TN	4	4	100%
Agri-Chem - Hopkinsville - Hopkinsville, KY	13	10	77%
AgriGro Farm Center, Inc. - Hartford, KY	5	5	100%
Agriport Terminal - Eddyville, KY	49	47	96%
AgroLiquid Fertilizer - St. Johns, MI	21	13	62%
Allen County Farmers Service, Inc. - Scottsville, KY	10	10	100%
American Plant Food Corporation - Galena Park, TX	1	1	100%
Anderson County Farm Service, Inc. -Lawrenceburg, KY	3	3	100%
Ball DPF LLC - Sherman, TX	1	1	100%
Ballard County Coop., Inc. - La Center, KY	19	18	95%
Bandana Ag, Inc. - La Center, KY	19	19	100%
Bickett Ag - Central City - Central City, KY	10	7	70%
Bickett Ag - Morganfield - Morganfield, KY	4	4	100%
Black Gold Envirosafe - Arcadia, FL	1	0	0%
Bluegrass Seed & Fertilizer, Inc. - Bardstown, KY	14	12	86%
Bridgewell Agribusiness LLC - Clackamas, OR	2	2	100%
C.D. Poore Fertilizer - Albany, KY	17	14	82%
Cameron Chemicals Inc - Virginia Beach, VA	10	4	40%
Central Crop Care - Crab Orchard, KY	15	14	93%
Central Farmers Supply, Inc. - Greensburg, KY	17	17	100%
Central Garden & Pet Garden Division - Atlanta, GA	8	6	75%
CGB Fertilizer - Jeffersonville, IN	1	1	100%
CHS Crop Nutrients - St. Paul, MN	10	10	100%
CHS Crop Nutrients - Owensboro - Owensboro, KY	26	26	100%
Clements Ag Supply - Springfield, KY	18	18	100%
CNI Agriminerals, LLC - Albany, GA	1	1	100%
Compass Minerals USA Inc - Overland Park, KS	2	2	100%
Corbin Farm & Garden Center, Inc. - Corbin, KY	4	4	100%
Darling Ingredients Inc - TX - Irving, TX	25	19	76%
Dr. Earth Inc - Winters, CA	8	6	75%
Drake's Farm Service, Inc. - Morgantown, KY	10	10	100%
Easy Gardener - Waco, TX	16	12	75%
Eau Claire CO-OP Oil Company - Eau Claire, WI	5	3	60%
EcoScraps - Marysville, OH	3	3	100%
Espoma Company - Millville, NJ	3	2	67%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Farm Ag Sales, LLC dba C & F Farm Supply – Hiseville, KY	19	18	95%
Farmers Fertilizer - Bowling Green - Bowling Green, KY	10	7	70%
Farmers Fertilizer - Bowling Green - Bowling Green, KY	10	9	90%
Farmers Fertilizer - Smiths Grove - Smiths Grove, KY	10	9	90%
Fleming County Farm Supply - Flemingsburg, KY	29	25	86%
FoxFarm Soil & Fertilizer Company - Arcata, CA	3	3	100%
Gaskins Fertilizer - Russell Springs, KY	14	14	100%
Gavilon Fertilizer Inc - E. Peoria, IL	4	4	100%
Green River Feed Mill, Inc. - Morgantown, KY	10	7	70%
GreenPoint Ag, LLC - Hardinsburg, KY	19	19	100%
Greenrite AG Supply - Shelbyville, KY	2	2	100%
Gro Tec Inc - Madison, GA	21	16	76%
Hancock County Farm Supply, Inc. - Hawesville, KY	17	17	100%
Helena Agri-Enterprises - Hazel - Hazel, KY	10	9	90%
Helena Agri-Enterprises - Hickman - Hickman, KY	11	11	100%
Helena Agri-Enterprises, LLC – Collierville, TN	17	17	100%
Henry Farmers Cooperative - Murray - Murray, KY	10	9	90%
Henry Farmers Cooperative - Paris - Paris, TN	18	17	94%
Henry Farmers Cooperative - Salem - Salem, KY	7	6	86%
Hilander Feed Company - Georgetown, KY	2	2	100%
Hinton Mills at Cynthiana - Cynthiana, KY	12	11	92%
Hydrite Chemical Company - Brookville, WI	3	3	100%
Hydrolysate Company of America LLC - Isola, MS	1	1	100%
HYR BRIX Fertilizer - Delaware, OH	1	0	0%
Innictis Crop Care LLC - Loveland, CO	2	2	100%
Insta-Gro Manufacturing Inc. - Caledonia, OH	1	1	100%
International Mulch Company, Inc. - Des Peres, MO	3	1	33%
J. A. Oldfield & Son, Inc. - Mize, KY	21	21	100%
Janes Fertilizer & Farm Supply - Columbia, KY	16	15	94%
JM Fertilizer - Tampa, FL	1	1	100%
Kee's Farm Service & Supply, LLC. - Grayson, KY	10	10	100%
Ken's Value Center - Berry, KY	1	1	100%
Kentucky Fertilizer - Winchester - Winchester, KY	51	44	86%
Kentucky Fertilizer LLC - Louisville, KY	2	2	100%
Knox Fertilizer Company Inc - Knox, IN	8	6	75%
Koch Agronomic Services LLC - Wichita, KS	1	1	100%
Lake Cumberland Farmers Coop. - Monticello, KY	6	6	100%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Lesco Inc. - Cleveland, OH	3	2	67%
Lilly Miller Brands - Atlanta - Atlanta, GA	1	0	0%
Loveland Products, Inc. - Greeley, CO	5	5	100%
Marshall County Coop - Benton, KY	11	9	82%
Martin Operating Partnership LP - Kilgore, TX	5	4	80%
Mays Lick Mill - Mayslick, KY	10	10	100%
Midwest Agri-Chemico Inc - Cape Girardeau, MO	1	1	100%
Milwaukee Metro Sewerage District - Milwaukee, WI	1	1	100%
Miracle-Gro Lawn Products, Inc. - Marysville, OH	8	7	88%
Monty's Plant Food - Louisville, KY	2	2	100%
Mosaic Global Sales, LLC. - Lithia, FL	1	0	0%
Nutrien Ag Solutions - Russellville - Russellville, KY	10	9	90%
Nutrien Ag Solutions - Beaver Dam - Beaver Dam, KY	10	10	100%
Nutrien Ag Solutions - Campbellsville -Campbellsville, KY	10	8	80%
Nutrien Ag Solutions - Cecilia - Cecilia, KY	10	7	70%
Nutrien Ag Solutions - Clarkson - Clarkson, KY	10	10	100%
Nutrien Ag Solutions - Clay - Clay, KY	11	10	91%
Nutrien Ag Solutions - Clinton - Clinton, KY	9	9	100%
Nutrien Ag Solutions - Ekron - Ekron, KY	10	10	100%
Nutrien Ag Solutions - Fancy Farm - Fancy Farm, KY	12	12	100%
Nutrien Ag Solutions - Glendale - Glendale, KY	10	10	100%
Nutrien Ag Solutions - Greeley - Greeley, CO	176	170	97%
Nutrien Ag Solutions - Hardin - Hardin, KY	10	10	100%
Nutrien Ag Solutions - Henderson - Henderson, KY	10	10	100%
Nutrien Ag Solutions - Hodgenville - Hodgenville, KY	10	10	100%
Nutrien Ag Solutions - Horse Cave - Horse Cave, KY	10	8	80%
Nutrien Ag Solutions - Kevil - Kevil, KY	9	7	78%
Nutrien Ag Solutions - Lebanon - Lebanon, KY	10	9	90%
Nutrien Ag Solutions - Liquid River Terminal – Owensboro, KY	5	3	60%
Nutrien Ag Solutions - Morganfield - Morganfield,	10	10	100%
Nutrien Ag Solutions - Pembroke - Pembroke, KY	11	10	91%
Nutrien Ag Solutions - Riverport - Owensboro, KY	10	10	100%
Nutrien Ag Solutions - Sacramento - Sacramento,	10	10	100%
Nutrien Ag Solutions - Sedalia - Sedalia, KY	9	8	89%
Nutrien Ag Solutions - Shelbyville - Shelbyville, KY	13	12	92%
Nutrien Ag Solutions - Upton - Upton, KY	10	9	90%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Nutrien Ag Solutions - Waverly - Waverly, KY	10	9	90%
Organic Laboratories Inc - Fort Pierce, FL	3	3	100%
Otis Bryant & Son, Inc. - Caneyville, KY	10	8	80%
Paducah-McCracken Riverport Authority – Paducah, KY	4	3	75%
Parrish Shop & Sales, LLC - Henderson, KY	1	1	100%
Pearl Valley Farms dba Pearl Valley Organix – Pearl City, IL	3	2	67%
Pinnacle Ag - Franklin - Franklin, KY	10	9	90%
Pinnacle Ag - Fancy Farm - Fancy Farm, KY	12	9	75%
Pinnacle Ag - Glasgow - Glasgow, KY	10	8	80%
Pinnacle Ag - Hartford - Hartford, KY	10	8	80%
Pinnacle Ag - Russellville - Russellville, KY	10	8	80%
Pinnacle Agriculture - Memphis, TN	37	36	97%
Pleasant View Agri-Service - Auburn, KY	6	6	100%
Pro Ag Sales & Service - Danville - Danville, KY	31	27	87%
Pro Solutions - Crofton - Crofton, KY	11	11	100%
Pro Solutions - Springfield - Springfield, TN	11	10	91%
Quality Borate Company - Cleveland, OH	1	1	100%
Reliance Ag - Russellville - Russellville, KY	10	10	100%
Reliance Ag - Trenton - Trenton, KY	9	9	100%
Rip's Farm Center - Tollesboro - Tollesboro, KY	31	30	97%
Rogers Fertilizer & Services LLC - Lebanon, KY	12	10	83%
Scotts Miracle-Gro Products Inc - Marysville, OH	4	3	75%
Security Seed - Clarksville - Clarksville, TN	17	16	94%
Security Seed and Chemical - Henderson, KY	11	10	91%
Seventy Feeds LLC - Eubank, KY	4	4	100%
Solu-Cal USA LTD - West Warham, MA	1	0	0%
South Central Farm Supply - Gamaliel, KY	15	15	100%
Southern FS Inc - Hickman - Hickman, KY	10	7	70%
Southern FS, INC - Marion, IL	7	7	100%
Southern States - Bowling Green - Bowling Green, KY	10	9	90%
Southern States - Cadiz - Cadiz, KY	11	11	100%
Southern States - Calhoun - Calhoun, KY	7	7	100%
Southern States - Campbellsville - Campbellsville, KY	13	12	92%
Southern States - Carlisle - Carlisle, KY	8	8	100%
Southern States - Cynthiana - Cynthiana, KY	11	9	82%
Southern States - Elizabethtown - Elizabethtown, KY	10	9	90%
Southern States - Elkton - Elkton, KY	10	10	100%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Southern States - Flemingsburg - Flemingsburg, KY	10	9	90%
Southern States - Franklin - Franklin, KY	10	9	90%
Southern States - Georgetown - Georgetown, KY	10	8	80%
Southern States - Glasgow - Glasgow, KY	10	10	100%
Southern States - Hardinsburg - Hardinsburg, KY	12	11	92%
Southern States - Harrodsburg - Harrodsburg, KY	10	10	100%
Southern States - Henderson - Henderson, KY	10	10	100%
Southern States - Hodgenville - Hodgenville, KY	10	10	100%
Southern States - Hopkinsville - Hopkinsville, KY	11	11	100%
Southern States - Horse Cave - Horse Cave, KY	10	10	100%
Southern States - Liberty - Liberty, KY	10	10	100%
Southern States - London - London, KY	12	11	92%
Southern States - Maysville - Maysville, KY	10	10	100%
Southern States - Morganfield - Morganfield, KY	11	11	100%
Southern States - Nicholasville - Nicholasville, KY	1	1	100%
Southern States - Owensboro - Owensboro, KY	10	9	90%
Southern States - Owenton - Owenton, KY	10	10	100%
Southern States - Owingsville - Owingsville, KY	10	9	90%
Southern States - Richmond - Richmond, KY	5	5	100%
Southern States - Richmond VA - Richmond, VA	387	379	98%
Southern States - Russellville - Russellville, KY	10	10	100%
Southern States - Russellville Fertilizer Plant – Russellville, KY	1	1	100%
Southern States - Sebree - Sebree, KY	3	3	100%
Southern States - Shelbyville - Shelbyville, KY	12	12	100%
Southern States - Somerset - Somerset, KY	10	9	90%
Southern States - Springfield - Springfield, KY	10	9	90%
Southern States - Stanford - Stanford, KY	10	9	90%
Southern States - Warsaw - Owenton, KY	12	12	100%
Southern States - Winchester - Winchester, KY	10	9	90%
Southern States Winchester Fertilizer Plant – Winchester KY	47	43	91%
Speed Ag Service, LLC - Hickman, KY	3	3	100%
Stanley Crop Service - Owensboro, KY	27	25	93%
SUL4R Plus, LLC - Louisville, KY	11	10	91%
Sun Bulb Company, INC. - Arcadia, FL	4	3	75%
Swiss Farms Products - Las Vegas, NV	10	10	100%
Sylvite LLC - Lakeland, FL	1	1	100%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
T and N Inc - Foristell, MO	5	4	80%
Tennessee Farmers Coop - Lavergne - LaVergne, TN	11	9	82%
Tessengerlo Kerley - Phoenix, AZ	1	1	100%
The Andersons Inc - Maumee, OH	3	1	33%
The Fertrell Company - Bainbridge, PA	1	0	0%
The Hawthorne Gardening Company - Port Washington, NY	7	7	100%
The Scotts Company - Marysville, OH	21	19	90%
Thomas Cayce Farm Supply, LLC - Princeton, KY	24	24	100%
Tiger-Sul Products LLC - Atmore, AL	1	1	100%
Tri-County Fertilizer Co., Inc. - Richmond, KY	13	12	92%
Valley Farm Center, Inc. - Monticello, KY	3	3	100%
Valley Fertilizer Company - Edmonton, KY	18	17	94%
Vogel Seed & Fertilizer Company Inc - Jackson, WI	1	1	100%
Voluntary Purchasing Group - Bonham, TX	3	3	100%
Warner Fertilizer - Albany - Albany, KY	7	6	86%
Warner Fertilizer - Campbellsville - Campbellsville, KY	7	7	100%
Warner Fertilizer - Columbia - Columbia, KY	10	10	100%
Warner Fertilizer - East Bernstadt - East Bernstadt, KY	10	10	100%
Warner Fertilizer - Liberty - Liberty, KY	10	5	50%
Warner Fertilizer - Monticello - Monticello, KY	11	11	100%
Warner Fertilizer - Nancy - Nancy, KY	10	7	70%
Warner Fertilizer - Russell Springs - Russell Springs, KY	10	10	100%
Warner Fertilizer - Somerset - Somerset, KY	93	88	95%
Warner Fertilizer - Stanford - Stanford, KY	9	8	89%
Warner Fertilizer - Tompkinsville - Tompkinsville, KY	10	9	90%
Winfield Solutions, LLC - Saint Paul, MN	5	4	80%
Woodford Feed Company, Inc. - Versailles, KY	20	19	95%
TOTAL SAMPLES:	2702	2495	92%



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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 Turf Solutions - Fishers Fishers ,IN							
16-00-4	'Advanced Turf 16-0-4 Fe (DDP)	54296	15.80		4.47	100.55	*
16-28-12	'Advanced Turf Solutions Professional Turf	54569	16.86	28.09	12.83	103.12	
Ag Distributors Inc Nashville ,TN							
10-10-10	'10-10-10	53147	10.11	10.28	9.84	100.97	
15-15-15	'15-15-15	53148	15.60	14.48	14.63	99.81	
15-15-15	'All Purpose Plant Food	54466	14.39	15.89	14.95	100.27	
10-10-10	'Ag Distributors Inc. All Purpose	54570	10.18	9.89	9.76	99.73	
Agri-Chem - Hopkinsville Hopkinsville ,KY							
4-20-36		52394	4.49	20.89	35.35	100.43	*
4-20-36		52395	4.52	21.03	36.74	102.75	*
4-20-36		52396	4.71	20.8	36.28	102.08	*
6-27-28		52397	5.76	26.82	29.21	100.81	*
6-27-28		52398	5.68	27.14	29.24	101.26	*
4-20-36		52399	4.33	20.27	36.01	99.83	*
4-20-36		52400	4.26	20.16	36.24	99.79	*
6-27-28		52401	5.75	26.96	29.28	101.15	*
6-27-28		52402	5.87	27.28	29.26	101.96	*
26-14-14		53877	26.58	15.14	13.88	101.39	
10-26-25		53878	10.40	26.54	24.24	100.81	*
10-26-25		53879	10.13	26.34	24.21	99.85	*
19-19-19		53880	19.53	19.83	18.6	100.15	
AgriGro Farm Center, Inc. Hartford ,KY							
00-00-60	'MP	53707			61.29	102.15	
18-46-00	'DAP	53712	17.56	45.93		99.12	
46-00-00	'Urea	53713	46.20			100.43	
18-46-00	'DAP	53714	17.77	46.61		100.5	
00-00-60	'MP	53715			60.52	100.87	
Agriport Terminal Eddyville ,KY							
11-52-00	'MAP	52338	10.94	51.4		98.97	
11-52-00	'MAP	52339	10.69	51.98		99.41	
18-46-00	'DAP	52340	17.63	45.91		99.22	
00-00-60	'MP	52341			59.9	99.83	
11-52-00	'MAP	52342	10.77	51.46		98.75	
11-52-00	'MAP	52358	11.80	51.43		100.57	
18-46-00	'DAP	52359	17.84	45.71		99.29	
00-00-60	'MP	52360			60.28	100.47	
00-00-60	'MP	52361			61.15	101.92	

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>
11-52-00	'MAP	52379	11.51	50.44		98.52	
00-00-60	'MOP	52380			61.59	102.65	
00-00-60	'MOP	52381			60.4	100.67	
7-33-21		52403	7.10	33.58	20.74	100.91	*
6-27-28		52404	5.96	28.03	28.46	102.39	*
6-27-28		52405	5.82	27.73	29.45	102.89	*
6-27-28		52406	5.75	27.37	29.21	101.76	*
6-27-28		52407	6.02	28.63	26.88	101.47	*
6-27-28		52408	5.77	27.32	28.81	101.17	*
00-00-60	'MP	52415			58.76	97.93	
00-00-60	'MP	52416			60.03	100.05	
11-52-00	'MAP	52417	10.78	51.80		99.29	
18-46-00	'DAP	52429	17.88	46.31		100.25	
00-00-60	'MOP	52430			58.94	98.23	
00-00-22	'K-Mag	52431			22.07	102.65	*
18-46-00	'DAP	52497	17.5	45.98		99.1	
00-00-60	'MP	52498			59.33	98.88	
00-00-22	'K Mag	52499			21.7	100.93	*
4-17-40		52519	3.32	<b>15.70</b>	42.77	100.08	
6-26-30		52520	5.14	<b>24.09</b>	33.47	100.36	
9-23-30		52521	8.94	23.13	30.78	101.15	
3-14-44		52522	3.40	15.13	42.77	101.53	
00-00-50	'SP	53067			51.72	103.44	
18-46-00	'DAP	53068	17.64	44.8		97.59	
18-46-00	'DAP	53069	17.23	46.50		99.38	
00-00-60	'MP	53070			59.62	99.37	
18-46-00	'DAP	53071	17.85	46.08		99.85	
46-00-00	'UREA	53072	46.16			100.35	
46-00-00	'Urea	53082	46.17			100.37	
18-46-00	'DAP	53083	17.52	45.96		99.09	
00-00-60	'MP	53084			60.43	100.72	
00-00-60	'MP	53085			61.09	101.82	
46-00-00	'UREA	53272	45.97			99.93	
18-46-00	'DAP	53273	17.62	46.05		99.4	
00-00-60	'MOP	53274			59.41	99.02	
00-00-22	'SPM	53275			21.55	100.23	*
00-00-50	'SP	53803			50.51	101.02	

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
46-00-00	'Urea	53804	46.06			100.13	
00-00-60	'MP	53805			60.73	101.22	
18-46-00	'DAP	53806	17.92	46.98		101.31	
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AgroLiquid Fertilizer St. Johns ,MI							
9-24-3	'Pro-Germinator 9-24-3	53900	8.76	<b>22.08</b>	2.89	93.82	*
12-3-3	'Ferti-Rain 12-3-3	53902	<b>10.94</b>	2.70	2.66	90.7	*
7-00-00	'AccesS 7-0-0	53903	10.88			155.43	*
2-1-6	'Sure-K 2-1-6	53904	8.603	0.99	6.15	199.99	
8-22-2	'PrimAgro P 8-22-2 with 1% Sulfur	53905	7.94	21.50	1.90	98.04	*
8-22-2	'Prim Agro P 8-22-2 with 1% Sulfur	53906	8.35	21.58	2.11	100.25	*
2-00-10	'Kalibrate 2-0-10 with 6% Sulfur	53907	2.63		10.38	110.38	*
9-24-3	'Pro-Germinator 9-24-3	53908	8.91	22.96	3.06	98.86	*
7-00-00	'AccesS 7-0-0	53910	14.85			212.14	*
7-00-00	'eNhance 7-0-0	53911	8.99			128.43	*
2-1-6	'Sure-K	54468	2.98	1.39	7.55	134.41	
9-24-3	'Pro-Germinator	54469	8.56	23.48	3.52	98.25	*
7-00-00	'Access	54897	11.00			157.14	*
9-24-3	'Pro Germinator	54899	9.14	<b>21.76</b>	3.15	94.72	*
2-00-10	'Kalibrate	54902	2.63		10.11	108.32	*
12-3-3	'Ferti Rain	54903	11.41	3.00	2.89	95.98	*
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Allen County Farmers Service, Inc. Scottsville ,KY							
20-19-19		53283	19.97	19.43	18.77	100.66	
19-19-19		53284	19.74	19.17	19.37	100.44	
12-22-22		53285	12.16	23.10	21.68	101.1	
19-19-19		53286	19.00	19.5	19.98	100.29	
32-10-10		53287	31.67	10.94	10.93	101.67	
26-21-10		53288	26.01	20.49	10.22	100.52	
19-19-19		53289	20.18	19.74	18.89	101.7	
19-19-19		53290	18.98	19.62	19.80	100.23	
18-18-18		53291	18.55	18.55	19.10	101.44	
20-19-19		53292	20.02	20.47	18.24	101.87	
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American Plant Food Corporation Galena Park ,TX							
21-00-00	'Ams	53278	21.09			100.43	*
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Anderson County Farm Service, Inc. Lawrenceburg ,KY							
46-00-00	'Urea	53769	46.03			100.07	
18-46-00	'DAP	53770	17.43	45.42		98.13	
00-00-60	'MOP	53771			59.32	98.87	

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>
Ball DPF LLC Sherman ,TX							
3-00-2	'Jobs Grow	53681	3.55		2.11	114.49	*
Ballard County Coop., Inc. La Center ,KY							
18-46-00	'DAP	52616	18.01	47.02		101.54	
00-00-60	'MP	52617			59.14	98.57	
20-00-00	'AS	52618	20.61			100.54	*
9-18-30		52619	9.12	18.68	30.54	101.03	*
9-23-30		52620	9.17	24.08	28.84	100.74	
9-23-30		52621	8.77	23.44	30.65	101.17	
18-46-00	'DAP	54355	17.84	45.58		99.09	
00-00-60	'MP	54356			60.97	101.62	
34-00-00	'AN	54357	34.50			101.47	
21-00-00	'AS	54358	20.5			97.62	*
00-00-60	'MP	54359			60.66	101.1	*
18-46-00	'DAP	54360	17.27	46.08		98.83	
9-23-30		54361	9.08	24.37	30.06	102.66	
8-22-32		54362	8.40	22.52	31.24	100.66	
12-20-22		54536	12.37	19.34	21.02	98.56	*
15-17-22		54537	14.78	17.42	25.03	103	
15-17-23		54538	15.87	16.83	23.75	102.47	
9-23-30		54539	8.99	23.62	32.34	104.23	
15-17-22		54540	15.80	18.03	22.36	102.55	
Bandana Ag, Inc. La Center ,KY							
6-15-32		52458	6.17	15.13	32.22	100.35	
00-00-60	'MP	52459			60.20	100.33	
18-46-00	'DAP	52460	17.74	46.28		99.96	
12-40-00	'MES 10	52461	12.20	41.38		102.99	*
12-40-00	'MES 10	52462	12.47	41.34		103.5	*
7-18-23		52622	7.72	19.59	24.48	109.03	
10-13-34		52639	10.20	13.21	34.55	100.99	
10-13-34		52640	10.50	12.46	34.85	100.64	
8-19-35		52641	7.76	19.27	34.89	100.6	
8-19-35		52642	7.81	19.5	34.7	100.87	
00-00-60	'MP	52968			60.44	100.73	
18-46-00	'DAP	52969	17.99	45.49		99.23	
18-46-00	DAP	52970	17.94	45.46		99.09	
34-00-00	'AN	52971	34.32			100.94	
12-40-00	'MES 10S	52972	11.81	40.33		100.19	*

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		54266	9.26	23.45	29.56	100.74	
9-23-30		54267	8.70	22.49	30.33	98.92	
8-20-34		54598	7.36	19.51	34.31	98.91	
8-20-34		54599	7.53	19.08	35.81	100.58	
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Bickett Ag - Central City Central City ,KY							
9-23-29		54757	8.83	22.16	29.28	99.04	*
9-23-29		54758	9.12	23.34	28.68	100.96	
9-23-29		54759	8.74	22.51	29.68	100.03	*
9-23-29		54760	8.28	21.24	30.96	98.53	*
9-23-29		54761	8.47	21.68	30.55	99.16	*
9-23-29		54762	9.33	23.75	28.1	101.34	*
9-23-29		54763	9.31	22.93	28.16	99.91	*
9-23-29		54764	8.18	<b>20.08</b>	33.32	99.48	*
9-23-29		54765	8.75	21.24	30.32	98.65	*
9-23-29		54766	9.74	24.61	28.34	104.1	*
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Bickett Ag - Morganfield Morganfield ,KY							
00-00-60	'MP	54740			59.42	99.03	
00-00-60	'MP	54741			59.76	99.6	
18-46-00	'DAP	54742	17.88	46.26		100.17	
18-46-00	'DAP	54743	17.92	45.66		99.35	
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Black Gold EnviroSAFE Arcadia ,FL							
8-5-5	'Dynamite Mater Magic	53818	8.00	6.2	<b>3.50</b>	100.26	*
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Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY							
18-46-00	'DAP	53211	17.96	46.06		100.02	
46-00-00	'Urea	53213	46.08			100.17	
00-00-60	'MOP	53214			60.64	101.07	
28-12-15		53912	26.85	<b>9.39</b>	17.71	98.56	
28-12-15		53990	27.00	11.75	15.03	99.42	
16-00-15		53991	16.15		15.09	101.8	*
28-12-15		53992	27.51	11.16	15.2	99.69	
29-00-00		53993	27.66			96.21	
34-00-15		53994	33.74		15.88	99.56	
30-10-13		53995	29.18	10.36	13.41	99.55	
28-12-15		53996	27.60	11.79	15.47	101.38	
34-8-10		53997	33.48	7.98	10.77	101.21	
32-9-11		53998	31.25	9.04	12.23	100.2	
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Bridgwell Agribusiness LLC Clackamas ,OR							

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
9-3-7	'9-3-7 Par 4	52695	10.23	3.89	8.07	116.67	
9-3-7	'9-3-7 PAR 4	54511	9.25	4.21	8.12	112.38	
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C.D. Poore Fertilizer Albany ,KY							
00-00-60	'MOP	53393			60.58	100.97	
21-00-00	'AMS	53394	21.29			101.38	*
46-00-00	'Urea	53395	46.14			100.3	
18-46-00	'DAP	53396	17.87	45.67		99.28	
34-00-00	'AN	53594	34.45			101.32	
18-18-18		54380	17.59	19.5	21.4	108.37	
00-00-60	'MOP	54381			60.42	100.7	
19-19-19	'Poorco	54382	18.41	21.06	19.63	103.26	
19-19-19		54383	18.37	18.37	21.21	98.68	
28-00-24		54384	26.66		25.93	100.7	
23-12-12		54385	24.44	<b>10.27</b>	11.51	99.63	
19-19-19		54386	19.07	19.9	19.83	100.92	
11-11-22		54387	11.22	11.43	22.62	101.19	*
26-11-18		54388	24.38	12.18	19.59	101.64	
11-11-22		54389	11.75	11.7	<b>20.46</b>	99.38	*
11-11-22		54390	11.10	10.74	<b>17.76</b>	90.24	*
19-19-19		54391	19.07	19.83	19.62	100.56	
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Central Crop Care Crab Orchard ,KY							
46-00-00	'Urea	52975	45.81			99.59	
18-46-00	'DAP	52976	17.92	45.82		99.59	
00-00-60	'MOP	52977			59.84	99.73	
00-00-50	'SOP	52978			51.26	102.52	
44-00-00	'ESN	53828	45.04			102.36	
9-00-14		54179	9.80		13.31	101.91	
23-00-30		54180	22.28		30.46	99	
19-19-19		54181	19.53	19.56	19.55	102.91	
29-12-12		54182	28.70	11.29	14.13	101.17	
27-13-14		54183	27.45	12.65	15.18	100.92	
21-15-20		54184	19.39	<b>12.82</b>	26.19	101.53	
6-15-40		54185	6.27	15.44	40.53	101.58	
26-12-17		54186	25.69	11.84	18.18	101.71	
16-15-18		54187	16.11	15.89	18.78	101.76	*
17-11-28		54188	17.61	11.72	29.53	103.07	

Central Farmers Supply, Inc. Greensburg ,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>
18-46-00	'DAP	53131	17.49	46.23		99.44	
46-00-00	'Urea	53132	46.12			100.26	
00-00-60	'MOP	53133			60.94	101.57	
00-00-60	'MOP	53134			61.00	101.67	
18-46-00	'DAP	53135	17.62	45.64		98.79	
21-00-00	'AS	53136	20.38			97.05	*
46-00-00	'Urea	53137	46.01			100.02	
6-15-20		54578	6.54	16.65	21.08	109.18	*
6-15-20		54579	6.91	16.44	20.3	108.19	*
19-19-19		54580	18.51	19.94	19.8	99.79	
6-15-20		54581	6.25	15.35	21.2	105	*
6-15-20		54582	6.60	16.41	20.55	107.63	*
22-18-18		54583	21.41	18.46	17.15	100.13	
19-19-19		54584	19.74	19.2	18.57	99.46	
18-18-18		54585	18.19	18.03	17.62	100.43	
9-23-30		54586	9.13	23.1	28.85	98.87	
9-23-30		54587	9.09	23.14	28.80	98.79	
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Central Garden & Pet Garden Division Atlanta ,GA							
10-10-10	'Pennington All Purpose	52311	10.25	9.70	9.66	99.13	*
1-00-1	'Ironite 1-0-1	52333	1.03		1.32	114.26	*
15-10-10	'Pennington UltraGreen Color Blooms & Bulbs 15-10-10	52414	15.64	9.7	9.73	100.71	*
10-10-10	'Pennington All Purpose	53604	9.96	10.02	10.45	101.07	*
10-8-6	'Pennington Ultra-Green Azalea Camellia & Rhododendron	53689	10.57	9.24	6.11	108.17	*
1-00-1	'Ironite	53693	1.62		2.02	177.64	*
10-10-10	'Ultra Green All Purpose	53808	10.60	9.92	9.49	100.83	*
15-10-10	'Color Blooms & Bulbs	53809	14.99	10.85	10.02	102.4	*
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CGB Fertilizer Jeffersonville ,IN							
00-00-60	'MOP	54551			60.71	101.18	
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CHS Crop Nutrients St. Paul ,MN							
00-00-60	'MOP	53050			60.81	101.35	
00-00-60	'MOP	53051			60.87	101.45	
18-46-00	'DAP	53052	17.93	45.96		99.82	
18-46-00	'DAP	53053	17.76	45.05		98.17	
46-00-00	'UREA	53054	46.03			100.07	
46-00-00	'UREA	53055	45.88			99.74	
18-46-00	'DAP	53056	17.34	45.52		98.12	
46-00-00	'UREA	53057	46.04			100.09	

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	53058			60.27	100.45	
32-00-00	'UAN	54904	31.59			98.72	
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CHS Crop Nutrients - Owensboro Owensboro ,KY							
46-00-00	'Urea	53096	46.02			100.04	
18-46-00	'DAP	53097	17.81	47.21		101.46	
00-00-60	'MOP	53098			59.84	99.73	
18-46-00	'DAP	53279	17.64	45.19		98.16	
00-00-60	'MOP	53280			59.73	99.55	
46-00-00	'UREA	53281	46.13			100.28	
18-46-00	'DAP	53282	17.63	45.95		99.27	
18-46-00	'DAP	53457	17.78	45.45		98.8	
46-00-00	'Urea	53458	46.01			100.02	
00-00-60	'MOP	53459			60.56	100.93	
00-00-60	'MOP	53461			61.04	101.73	
18-46-00	'DAP	53462	17.61	45.32		98.3	
46-00-00	'Urea	53463	45.99			99.98	
18-46-00	'DAP	53464	17.90	46.78		100.98	
00-00-60	'MOP	53465			59.76	99.6	
18-46-00	'DAP	53606	17.59	45.98		99.24	
18-46-00	'DAP	53607	17.58	46.34		99.76	
18-46-00	'DAP	53608	17.94	46.28		100.31	
18-46-00	'DAP	53609	17.69	45.77		99.11	
28-00-00	'UAN 28-0-0	55096	28.89			103.18	
32-00-00	'UAN 32-0-0	55097	31.55			98.59	
32-00-00	'UAN 32-0-0	55098	31.74			99.19	
32-00-00	'UAN 32-0-0	55099	31.50			98.44	
32-00-00	'UAN 32-0-0	55100	31.55			98.59	
32-00-00	'UAN 32-0-0	55101	31.54			98.56	
32-00-00	'UAN 32-0-0	55102	31.42			98.19	
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Clements Ag Supply Springfield ,KY							
00-00-60	'MOP	53504			59.06	98.43	
46-00-00	'Urea	53505	46.19			100.41	
20-00-00	AS	53506	20.22			98.63	*
18-46-00	'DAP	53764	17.26	46.19		98.97	
11-52-00	'MAP	53765	10.90	51.73		99.4	
21-00-00	'AS	53766	20.93			99.67	*
20-00-00	'AS	53767	20.12			98.15	*

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
6-15-38		55033	5.50	14.24	39.11	100.19	*
6-15-38		55034	6.33	15.57	37.52	102.36	*
6-15-38		55035	5.32	14.04	39.58	100.08	*
7-17-38		55036	6.63	17.77	37.73	101.02	
7-17-38		55037	6.49	17.12	38.47	100.56	
7-18-36		55038	7.14	19.26	36.37	101.96	
7-18-36		55039	6.81	19.20	36.46	101.26	
00-00-54		55040			53.09	99.1	*
00-00-54		55041			52.34	97.7	*
00-00-56		55042			55.13	98.01	*
00-00-50	'SOP	55043			49.55	99.1	
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Corbin Farm & Garden Center, Inc. Corbin ,KY							
19-19-19	'Opti Gro	53832	18.94	19.69	19.05	101.17	
8-20-20	'Opti Gro	53833	7.95	20.08	23.39	105.84	
00-00-60	'MOP	53834			59.77	99.62	
18-46-00	'DAP	53835	17.49	44.66		97.11	
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Darling Ingredients Inc - TX Irving ,TX							
12-2-6	'12-2-6 Nature Safe	52692	11.44	3.58	6.6	106.66	*
10-2-8	'10-2-8 Nature Safe	52693	9.70	1.42	9.82	102.16	*
10-00-8	'10-0-8 Nature Safe	52694	10.03		9.5	106.52	*
9-00-9	'9-0-9 Nature Safe	52696	10.57		10.86	118.7	*
8-5-5	'8-5-5 Nature Safe	52697	9.56	5.62	4.71	112.34	*
8-3-5	'8-3-5 Nature Safe	52698	9.10	<b>1.74</b>	5.12	100.76	*
5-6-6	'5-6-6 Nature Safe	52699	6.08	5.47	7.37	110.77	*
13-00-00	'13-0-0 Nature Safe	52700	13.11			100.85	
7-12-00	'7-12-0 Nature Safe	52701	8.06	<b>9.16</b>		92.12	*
10-2-8	'10-2-8 Nature Safe	52702	10.18	3.5	8.03	108.79	*
21-3-7	'21-3-7 Nature Safe	52703	22.47	4.6	<b>6.16</b>	108.21	*
27-00-2	'27-0-2 Nature Safe	52704	25.62		3.78	99.12	*
16-00-2	'16-0-2 Nature Safe	52705	19.82		2.06	122.34	*
18-00-4	'18-0-4 Nature Safe	52706	20.32		3.62	110.12	*
9-6-1	'9-6-1 Nature Safe	52707	8.36	6.24	<b>0.22</b>	93.68	*
21-3-7	'21-3-7 Nature Safe	54505	<b>18.17</b>	5.56	8.17	100.22	*
15-1-1	'15-1-1 Nature Safe	54506	15.92	0.99	0.90	105.14	
13-00-00	'13-0-0 Nature Safe	54507	13.78			106	
12-2-6	'12-2-6 Nature Safe	54508	11.61	2.56	8.33	108.98	*
10-2-8	'Nature Safe All Season	54509	10.45	2.14	7.71	102.27	*

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
7-12-00	'7-12-0 Nature Safe Organic Fertilizer	54510	7.79	11.24		100.91	*
9-6-1	'9-6-1 Nature Safe Organic Fertilizer	54512	9.36	6.87	0.66	105.93	*
8-5-5	'8-5-5 Nature Safe Landscape	54513	8.55	6.15	6.34	115.41	*
8-3-5	'8-3-5 Nature Safe Stress Guard	54514	8.87	2.79	5.07	105.39	*
5-6-6	'5-6-6 Nature Safe Starter	54515	5.77	6.19	7.58	114.01	*
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Dr. Earth Inc Winters ,CA							
5-5-5	'Life All Purpose 5-5-5	52319	6.11	5.64	5.38	115.25	
2-4-2	'Dr. Earth Root Zone Starter Fertilizer	53598	3.17	5.08	2.67	137.76	
4-6-2	'Dr. Earth Total Advantage Rose & Flower Fertilizer	53599	6.90	7.95	2.58	147.6	*
4-6-3	'Dr. Earth Home Grown Tomato Vegetable & Herb	53676	5.62	6.12	4.33	123.52	*
4-6-3	'Premium Tomato Vegetable and Herb	53697	5.95	5.42	4.76	123.71	*
2-2-2	'All Purpose	53698	3.28	3.64	2.46	159.45	
8-00-2	'Super Natural Fertilizer 8-0-2	53792	9.98		3.96	134.88	
5-5-2	'Natural Wonder Organic	53819	6.41	6.32	2.07	124.45	
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Drake's Farm Service, Inc. Morgantown ,KY							
34-19-00		54057	34.63	18.93		100.3	
25-12-17		54058	25.49	11.92	17.74	100.4	
9-23-30		54059	9.59	23.3	30.48	102.42	
19-19-19		54060	20.29	19.04	19.1	101	
19-19-19		54061	20.28	19.21	19.68	102.05	
19-19-19		54062	20.71	18.79	20.21	102.92	
19-19-19		54063	19.84	18.66	19.79	101.62	
19-19-19		54064	20.22	19.43	19.09	101.51	
34-19-00		54065	34.27	18.59		99.02	
34-19-00		54066	34.73	18.78		100.25	
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Easy Gardener Waco ,TX							
3-4-3	'Jobe's Knock Out Rose	52304	3.85	4.71	3.15	118.65	*
3-5-4	'Jobe's Annuals & Perennials	52308	3.76	5.25	5.44	119.27	*
4-4-2	'Fast Start 4-4-2	52316	5.12	5.72	4.965	151.49	*
2-7-4	'Jobe's Fertilizer Spikes Vegetable 2-7-4	52324	3.42	8.16	5.57	132.43	
3-3-3	'Bursting Blooms	52325	3.47	<b>1.29</b>	4.82	102.28	
2-5-3	'Jobs Organic Vegetable & Tomato	53602	3.19	5.62	4.69	134.46	*
4-4-4	'Jobs Organic All Purpose	53603	<b>3.22</b>	<b>2.96</b>	<b>2.57</b>	74.1	*
6-18-6	'Jobs Fertilizer Spikes for Tomatoes	53654	8.84	19.85	7.35	121.1	
11-3-4	'Jobs Evergreen Tree Spikes 11-3-4	53655	15.94	9.00	6.13	170.44	
3-1-2	'Jobs Organics Vegetable & Tomato	53685	4.18	1.29	4.84	163.39	
2-7-4	'Jobs Organics Vegetable & Tomato	53690	2.33	7.36	6.02	118.5	*

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>
8-11-11	'Jobe Fruit Tree Spikes	53696	13.19	18.34	15.86	159.55	
3-5-5	'Jobes Organics Fruit & Nut Granular Plant Food	53709	3.36	5.04	<b>3.51</b>	94.58	*
3-3-3	'Jobes Organic Bursting Blooms	53762	4.08	1.375	4.56	109.78	
2-7-4	'Jobes Organics	53862	2.41	8.32	4.66	118.59	*
2-5-3	'Jobes Tomato and Vegetable	54869	3.06	6.76	4.22	140.89	*
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Eau Claire CO-OP Oil Company Eau Claire ,WI							
23-00-10	'Menards Fall Lawn Food with Weed Control 23-0-10	52420	23.36		9.98	101.18	*
22-00-10	'Menards Fall Lawn Food Winterizer 22-0-10	52421	23.96		10.13	107.2	*
15-23-10	'Menards Starter 15-23-10	52422	16.97	24.25	<b>8.315</b>	104.8	*
4-3-00	'4-3-0 Ideal Natural Lawn Fertilizer	53898	4.13	4.05		115.49	*
28-00-3	'28-0-3 Menards Premium Weed & Feed	53899	28.87		3.43	103.83	*
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EcoScraps Marysville ,OH							
4-6-3	'Rose and Flower	52305	4.96	6.60	3.07	113.76	*
2-14-00	'Fresh Start 2-14-0	52317	2.07	14.12		101.24	*
5-5-5	'Eco Scraps All Purpose	53810	5.33	6.89	4.69	113.81	*
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Espoma Company Millville ,NJ							
10-3-1	'Organic Bat Guano	52428	<b>8.055</b>	4.14	1.7	95.96	
3-4-6	'Espoma Organic Tomato-Tone	52897	3.80	5.43	6.51	122.78	*
4-3-3	'Bio-Tone Starter Plus	53616	4.15	4.85	3.85	126.59	*
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Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY							
46-00-00	'Urea	52904	46.02			100.04	
00-00-60	'MOP	52905			59.62	99.37	
00-00-60	'MOP	52906			59.49	99.15	
00-00-60	'MOP	52907			59.91	99.85	
18-46-00	'DAP	52908	17.73	46.60		100.41	
46-00-00	'Urea	52909	45.88			99.74	
46-00-00	'Urea	52910	46.05			100.11	
21-00-00	'AS	52911	20.74			98.76	*
27-14-14		53493	26.52	14.20	14.65	100.83	
17-11-25		53494	17.02	12.56	25.08	102.71	*
24-16-16		53495	23.24	15.77	16.50	98.7	
27-14-14		53496	26.43	14.47	13.00	98.88	
22-6-23		53497	21.97	5.64	23.52	99.33	*
19-19-19		53498	18.52	20.91	19.26	100.78	
19-19-19		53499	18.24	19.21	20.25	98.56	
19-19-19		53923	20.17	19.39	18.95	101.17	
27-14-14		53924	27.73	14.42	12.94	101.45	

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	'SOP	53925			49.23	98.46	
27-14-14		53926	28.00	13.72	12.76	100.56	
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Farmers Fertilizer - Bowling Green Bowling Green ,KY							
25-18-13		53484	23.85	<b>14.85</b>	17.58	98.04	
16-16-27		54077	14.38	15.74	29.84	101.26	
20-20-19		54078	18.93	18.31	20.28	98.3	
28-12-15		54082	27.66	10.73	16.29	100.74	
28-12-15		54083	27.50	12.23	14.48	100.59	
20-20-19		54084	18.77	18.42	19.86	97.6	
28-12-15		54085	27.80	10.93	14.81	99.36	
28-12-15		54086	27.30	10.87	14.65	97.96	
20-20-19		54087	19.08	18.36	19.55	97.73	
20-20-19		54088	19.51	19.22	18.69	98.97	
20-20-19		54089	18.90	18.92	19.49	98.25	
20-20-19		54090	20.14	18.36	19.68	100.1	
20-20-19		54091	18.60	<b>17.06</b>	20.99	96.39	
20-20-19		54331	18.97	18.42	21.29	99.94	
21-15-20		54332	21.23	14.5	20.72	99.29	
21-15-20		54333	21.93	<b>13.68</b>	20.99	99.69	
20-20-19		54751	19.01	<b>18.18</b>	20.97	99.14	
9-23-30		54754	8.72	22.29	30.28	98.54	
20-20-19		54769	18.79	19.44	20.22	99.9	
21-15-20		54770	21.28	14.77	19.66	98.43	
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Farmers Fertilizer - Smiths Grove Smiths Grove ,KY							
26-12-16		54321	26.32	11.5	17.44	100.73	
19-19-19		54322	18.71	<b>16.90</b>	23.65	100.07	
19-14-24		54323	18.97	12.83	25.12	99.3	
19-14-24		54324	20.02	13.45	23.08	99.86	
19-14-24		54325	19.29	13.35	25.72	101.77	
19-14-24		54326	19.20	14.66	24.18	101.81	
21-15-20		54327	21.42	14.24	22.45	101.6	
21-15-20		54328	21.26	14.34	22.03	100.86	
19-20-19		54329	19.58	19.18	20.4	101.37	
21-15-20		54330	21.10	14.63	21.69	100.57	
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Fleming County Farm Supply Flemingsburg ,KY							
46-00-00	'Urea	53337	46.01			100.02	
00-00-61	'MP	53338			60.36	98.95	

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>
21-00-00	'AS	53339	19.86			94.57	*
00-00-22	'KMag	53340			21.86	99.36	*
18-46-00	'DAP	53341	17.87	46.08		99.89	
00-00-51	'SP	53342			50.27	98.57	
00-00-51	'SP	53343			50.89	99.78	
00-00-61	'MP	53344			61.00	100	
11-52-00	'MAP	53345	11.42	52.92		102.18	
18-46-00	'DAP	53346	18.29	46.72		101.58	
46-00-00	'Urea	53347	46.02			100.04	
00-00-51	'SP	53348			<b>49.47</b>	97	
21-00-00	'AS	53349	19.76			94.1	*
00-00-61	'MP	53350			61.89	101.46	
46-00-00	'Urea	53351	46.13			100.28	
18-46-00	'DAP	53352	<b>15.85</b>	48.53		99.94	
18-46-00	'DAP	53353	18.87	47.93		104.4	
18-46-00	'DAP	54288	17.79	46.73		100.71	
46-00-00	'Urea	54289	46.18			100.39	
19-19-19		54488	19.44	19.62	18.69	99.16	
19-19-19		54489	18.67	19.06	20.81	99.41	
15-11-5		54490	14.36	10.17	4.72	97.12	
19-19-19		54491	19.63	19.09	18.76	98.73	
19-19-19		54492	19.54	19.44	19.07	99.99	
15-15-15		54493	14.61	14.06	14.99	100.09	
22-9-24		54494	21.91	9.16	23.99	99.15	
19-19-19		54495	19.26	19.5	19.29	99.38	
19-19-19		54496	19.27	19.75	19.62	100.27	
19-19-19		54497	19.29	19.62	19.94	100.53	
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Foxfarm Soil & Fertilizer Company Arcata ,CA							
6-4-4	'Grow Big Liquid Plant Food	53760	6.80	4.16	4.61	111.13	*
6-4-4	'Grow Big 6-4-4	53793	6.35	4.08	4.46	105.98	*
2-8-4	'Tiger Bloom 2-8-4	53794	3.95	7.93	4.15	117.66	*
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Gaskins Fertilizer Russell Springs ,KY							
21-00-00	'AMS	53034	21.28			101.33	*
00-00-60	'MOP	53035			60.43	100.72	
18-46-00	'DAP	53036	17.98	45.18		98.75	
46-00-00	'Urea	53037	45.94			99.87	
26-12-17		54370	26.43	11.32	17.78	101.78	

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		54371	19.47	19.44	20.13	101.36	
20-20-18		54372	20.17	20.04	19.4	102.41	
23-00-30		54373	22.16		31.05	99.61	
19-19-19		54374	19.55	20.45	18.68	101.36	
23-00-30		54375	23.16		30.52	101.17	
19-19-19		54376	19.97	20.3	19.64	103.27	
20-00-33		54377	19.28		33.97	100.39	
19-19-19		54378	18.86	19.97	20	100.86	
19-19-19		54379	19.27	19.02	20.31	100.47	
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GAVILON FERTILIZER INC E. PEORIA ,IL							
00-00-60	'MOP	53610			60.03	100.05	
00-00-60	'MOP	53611			59.59	99.32	
00-00-60	'MOP	53612			60.16	100.27	
00-00-60	'MOP	53613			60.64	101.07	
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Green River Feed Mill, Inc. Morgantown ,KY							
16-8-33		54067	15.76	8.45	34.18	102.15	
24-16-16		54068	23.66	16.02	16.12	99.55	
19-19-19		54069	20.80	<b>17.74</b>	20.51	101.71	
24-16-16		54070	26.03	15.17	15.3	101.92	
25-15-15		54071	27.13	16.63	<b>12.98</b>	103.87	
24-16-16		54072	25.93	15.59	14.91	101.93	
25-15-15		54073	26.03	16.77	<b>13.92</b>	102.98	
24-16-16		54074	25.81	16.91	15.27	104.48	
25-15-15		54075	26.79	15.96	14.88	104.54	
19-19-19		54076	19.14	18.4	20.08	98.83	
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GreenPoint Ag, LLC Hardinsburg ,KY							
18-46-00	'DAP	52628	17.57	46.02		99.28	
00-46-00	'TSP	52629		46.88		101.91	
00-00-60	'MP	52630			59.70	99.5	
46-00-00	'Urea	53716	46.20			100.43	
46-00-00	'Urea	53717	46.20			100.43	
18-46-00	'DAP	53718	18.14	45.87		100.06	
18-46-00	'DAP	53719	18.56	46.69		102.01	
21-00-00	'AS	53720	20.89			99.48	*
00-00-60	'MP	53721			60.8	101.33	
25-20-12		54717	24.44	18.39	13.39	99.06	
32-23-00		54718	31.42	22.72		98.41	

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		54719	18.83	18.63	20.53	99.18	
19-19-19		54720	18.45	19.08	20.38	98.94	
19-19-19		54721	19.11	19.28	19.42	99.38	
22-7-25		54722	21.51	7.63	25.71	99.7	
22-7-25		54723	21.63	7.82	25.59	100.15	
19-19-19		54724	19.24	18.78	20.26	99.92	
21-15-13		54725	20.90	14.98	13.32	99.28	*
8-22-29		54726	8.20	20.99	30.03	99.56	*
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Greenrite AG Supply Shelbyville ,KY							
00-00-60	'MOP	54031			60.28	100.47	
18-46-00	'DAP	54032	17.94	46.16		100.13	
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Gro Tec Inc Madison ,GA							
12-6-6	'Expert Evergreen	52302	12.48	6.38	5.84	103.36	*
18-24-6	'Lawn Starter 18-24-6	52318	17.95	23.24	5.91	98.21	
26-00-12	'Sta-Green Winterizer Weed & Feed 26-0-12	52412	27.77		11.33	104	*
18-24-6	'Sta-Green Lawn Starter 18-24-6	52413	17.95	25.02	5.73	101.53	
32-00-10	'Sta Green Winterizer 32-0-10	52423	33.20		9.28	101.94	*
12-10-10	'Ironite Plus	53601	11.77	14.94	16.36	129.81	*
18-24-6	'Sta-Green	53672	18.06	23.66	5.96	99.4	
24-8-16	'Sta-Green All Purpose Water Soluble Plant Food	53674	28.02	7.32	<b>12.25</b>	102.55	*
28-00-4	'Sta-Green Weed & Feed	53684	28.74		4.84	104.19	
19-6-12	'Sta-Green All Purpose	53687	20.01	6.3	13.21	106.42	*
19-6-12	'Sta-Green Indoor & Outdoor All Purpose Plant Food	53708	19.63	6.29	13.5	105.79	*
29-00-5	'Sta-Green Lawn Fertilizer +2% Iron	53757	29.71		5.24	102.68	*
18-24-6	'Lawn Starter	53807	18.08	25.61	6.23	103.75	
24-25-4	'Expert Gardener Lawn Starter	53812	22.62	<b>22.14</b>	4.68	92.98	
10-10-10	'Expert Gardener Flower Food	53813	9.96	9.37	9.93	97.53	
12-5-7	'Expert Gardener All Purpose	53814	12.02	4.86	<b>5.50</b>	94.87	*
12-10-5	'Expert Gardener Tomato & Vegetable	53815	12.4	<b>8.60</b>	5.02	96.78	*
28-00-4	'Sta-Green Weed & Feed	53863	29.53		3.98	104.96	
32-00-10	'Sta-Green Winterizer Lawn Fertilizer	53864	31.07		10.03	97.63	*
28-00-4	'28-0-4 Sta-Green Weed & Feed	54504	27.89		4.37	100.42	
19-6-12	'All Purpose	54870	19.79	6.26	13.93	107.08	*
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Hancock County Farm Supply, Inc. Hawesville ,KY							
18-46-00	'DAP	52448	17.73	46.31		99.99	
00-00-60	'MP	52449			59.15	98.58	
00-46-00	'TSP	52450		46.93		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>
18-46-00	'DAP	53799	17.70	46.78		100.62	
00-00-60	'MP	53800			60.78	101.3	
46-00-00	'Urea	53801	46.14			100.3	
00-00-60	'MP	53802			60.9	101.5	
28-13-13		54727	27.11	13.82	13.5	99.93	
28-13-13		54728	27.30	13.73	13.75	100.51	
34-5-11		54971	34.29	6.15	10.83	101.35	
34-5-11		54972	33.82	5.82	11.23	100.29	
34-5-11		54973	34.02	5.51	11.91	101.11	
34-5-11		54974	34.09	5.87	10.25	99.59	
34-5-11		54975	34.76	5.47	10.39	100.52	
34-5-11		54976	33.90	5.35	12.03	100.72	
34-5-11		54977	34.39	5.63	10.01	99.47	
9-23-30		54980	8.49	22.85	29.06	97.39	
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Helena Agri-Enterprises - Hazel Hazel ,KY							
9-16-26		53882	9.29	15.75	25.62	100.1	*
9-16-26		53883	9.32	15.97	24.37	98.59	*
9-16-26		53884	9.40	15.62	26.3	101.23	*
9-16-26		53885	9.41	14.89	25.85	98.94	*
9-16-26		53886	9.85	15.61	25.28	100.68	*
9-16-26		53887	9.42	15.6	25.53	99.97	*
12-21-23		53888	11.88	20.86	22.44	99.45	*
37-15-00		53889	37.13	14.07		99.18	
34-00-00		53890	33.83			98.23	*
18-20-8		54611	17.36	20.42	8.18	100.75	*
<hr/>							
Helena Agri-Enterprises - Hickman Hickman ,KY							
23-26-00		52612	23.39	25.71		100.08	*
25-19-00		54604	25.46	18.89		101.05	*
30-18-00		54605	29.52	17.38		99.66	*
25-19-00		54606	25.29	18.77		100.39	*
18-13-17		54607	18.08	12.54	17.51	99.5	*
18-13-17		54608	18.39	12.52	16.81	99.11	*
21-00-32		54878	21.50		32.39	100.72	
11-19-25		54879	11.28	19.52	25.08	102.09	*
11-19-25		54880	11.20	19.54	25.91	103.19	*
11-19-25		54881	11.20	19.09	25.09	101.08	*
11-19-25		54882	10.88	18.73	24.59	98.88	*

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>
Helena Agri-Enterprises, LLC - Collierville Collierville ,TN							
21-00-00	'AMS	52511	21.10			100.48	*
18-46-00	'DAP	52512	18.06	46.75		101.22	
18-46-00	'DAP	52513	17.79	46.17		99.89	
00-00-60	'MP	52514			60.25	100.42	
00-00-60	'MP	52515			59.13	98.55	
18-46-00	'DAP	52609	18.14	45.94		100.16	
00-00-60	'MP	52610			60.46	100.77	
21-00-00	'AS	52611	21.07			100.33	*
21-00-00	'AS	53025	21.19			100.9	*
18-46-00	'DAP	53026	17.83	46.51		100.45	
18-46-00	'DAP	53027	17.98	46.63		100.9	
00-00-60	'MP	53028			59.64	99.4	
00-00-60	'MP	53029			59.63	99.38	
18-46-00	'DAP	54519	17.77	46.1		99.74	
46-00-00	'Urea	54520	46.20			100.43	
21-00-00	'AS	54521	20.59			98.05	*
00-00-60	'MP	54522			58.94	98.23	
Henry Farmers Cooperative - Murray Murray ,KY							
9-23-30		52588	9.12	23.44	29.37	100.2	
9-23-30		52589	8.89	22.46	30.66	99.68	
9-23-30		52590	8.70	23.57	30.27	100.75	
9-23-30		52591	8.96	23.66	29.77	100.79	
9-23-30		53891	9.01	22.86	29.82	99.53	
27-11-15		53892	27.96	11.46	14.84	100.8	
18-36-00		53893	18.33	34.66		97.9	*
24-16-16		53894	24.25	16.19	15.65	100.49	
10-14-18		54609	9.40	13.25	17.89	97.84	*
10-14-18		54610	9.46	13.61	17.79	98.75	*
Henry Farmers Cooperative - Paris Paris ,TN							
00-00-22	'K-Mag	52583			21.18	96.27	*
00-00-60	'MP	52584			60.19	100.32	
18-46-00	'DAP	52585	17.76	46.33		100.07	
18-46-00	'DAP	52586	17.82	47.11		101.34	
00-00-60	'MP	52587			59.98	99.97	
21-00-00	'AS	53016	21.07			100.33	*
00-00-60	'MP	53017			60.10	100.17	
46-00-00	'Urea	53018	45.93			99.85	

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
18-46-00	'DAP	53019	18.14	45.82		99.98	
46-00-00	'Urea	53020	46.07			100.15	
00-00-60	'MP	53021			59.15	98.58	
18-46-00	'DAP	53022	18.06	45.76		99.75	
00-00-60	'MP	53023			61.20	102	
46-00-00	'UREA	53438	45.98			99.96	
46-00-00	'UREA	53439	46.00			100	
00-00-60	'MP	53440			59.92	99.87	
18-46-00	'DAP	53441	17.77	45.41		98.72	
18-46-00	'DAP	53442	17.44	45.95		98.93	
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Henry Farmers Cooperative - Salem Salem ,KY							
10-25-25		54159	9.77	24.7	25.89	100.58	*
10-25-25		54160	9.71	24.81	26.06	100.88	*
10-25-25		54161	9.56	24.69	26.09	100.38	*
10-25-25		54162	9.14	<b>23.32</b>	27.78	99.36	*
10-26-26		54163	10.16	26.2	26.35	100.64	
16-20-24		54164	16.04	20.89	22.88	101.38	
13-20-27		54165	13.62	20.92	25.57	100.66	
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Hilander Feed Company Georgetown ,KY							
46-00-00	'Urea	54949	45.97			99.93	
00-00-60	'MP	54950			59.22	98.7	
<hr/>							
Hinton Mills at Cynthiana Cynthiana ,KY							
10-27-25		53329	11.11	27.53	<b>23.40</b>	99.79	
21-15-20		53330	21.55	15.12	20.31	100.07	
6-14-8		53331	5.50	13.12	9.99	101.35	
6-14-8		53332	5.74	13.81	9.52	103.63	
6-14-8		53333	6.10	15.04	8.62	107.22	
23-00-30		54290	22.96		29.64	99.36	
24-20-12		54291	24.63	20.93	11.18	101.57	*
26-18-12		54486	25.11	19.07	11.91	99.76	
26-7-20		54487	26.67	6.82	19.5	99	
9-23-30		54677	9.26	22	28.96	98.35	*
10-10-10		54678	10.77	11.17	10.09	107.69	
1-3-57		54679	1.37	3.67	55.78	99.76	
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Hydrite Chemical Company Brookville ,WI							
12-00-00	'ATS	54423	11.73			97.75	*
3-18-18	'Hydri-Gro 3-18-18	54424	3.23	17.34	18.34	99.65	

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>
12-00-00	'ATS	54426	11.70			97.5	*
Hydrolysate Company of America LLC Isola ,MS							
2-3-1	'Multi Bloom All Natural Plant Food	54876	2.12	3.22	1.49	112.01	
HYR BRIX Fertilizer Delaware ,OH							
26-6-10	'HyR BRIX Sweet Corn Fert	54877	<b>23.42</b>	6.30	<b>7.03</b>	88.69	*
Innvictis Crop Care LLC Loveland ,CO							
20-00-6	'Novus K 20-0-6	53988	20.61		6.03	102.64	*
10-20-5	'Captivate 10-20-5	53989	9.62	18.87	5.79	97.27	*
Insta-Gro Manufacturing Inc. Caledonia ,OH							
2-00-24	'2-0-24	55029	1.97		23.74	98.87	*
International Mulch Company, Inc. Des Peres ,MO							
4-4-4	'Burpee Organic All Purpose 4-4-4	53789	<b>3.58</b>	4.97	4.5	107.18	*
5-4-4	'Expert Gardener Organics All Purpose	53816	4.93	4.59	3.89	103.23	*
4-5-3	'Expert Gardener Organics Flower Food	53817	4.26	5.98	4.1	117.67	*
J. A. Oldfield & Son, Inc. Mize ,KY							
10-10-10	'Top Crop	52356	9.75	9.45	10.02	97.15	
19-19-19	'Top Crop	52357	18.98	19.09	19.55	100.86	
46-00-00	'Urea	53318	46.02			100.04	
18-46-00	'DAP	53319	17.35	46.29		99.28	
18-46-00	'DAP	53320	17.20	45.34		97.61	
00-00-60	'MP	53321			60.11	100.18	
00-00-50	'SP	53322			49.34	98.68	
19-19-19	'Top Crop	53323	19.00	18.92	18.55	99.24	
12-12-12	'Top Crop	53324	11.86	11.1	13.51	100.26	
5-20-20	'Top Crop	53325	7.80	19.35	20.38	107.23	
10-10-10	'Top Crop	53326	10.27	10.15	10.2	102.11	
19-19-19	'Top Crop	53327	18.41	19.12	18.74	98.61	
5-20-20	'Top Crop	53328	7.56	18.72	20.35	104.96	
19-19-19	'Top Crop	54575	18.52	20.28	17.91	99.77	
10-10-10	'Top Crop	54576	10.01	10.92	9.75	102.5	
10-10-10	'Top Crop	54706	10.38	10.06	11.27	105.03	
19-19-19	'Top Crop	54707	19.24	19.01	18.69	100.1	
12-12-12	'Top Crop	54708	11.96	11.99	12.35	100.59	
5-20-20	'Top Crop	54709	8.19	20.38	19.3	108.85	
10-10-10	'Top Crop	54922	9.54	9.89	10.01	97.8	
19-19-19	'Top Crop	55081	18.57	18.91	19.43	99.51	

Janes Fertilizer & Farm Supply Columbia ,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
46-00-00	'Urea	52982	46.03			100.07	
46-00-00	'Urea	52983	46.02			100.04	
00-00-60	'MOP	52984			59.99	99.98	
00-00-60	'MOP	52985			60.56	100.93	
18-46-00	'DAP	52986	17.19	45.5		97.82	
18-46-00	'DAP	52987	17.31	45.94		98.69	
21-18-18		54542	21.50	18.67	18.54	102.44	
17-8-32		54543	16.29	7.7	34.01	101.79	
17-8-32		54544	16.38	8.43	33.26	102.29	
17-8-32		54545	16.22	7.55	35.83	104.01	
27-14-14		54546	26.35	13.65	15.84	101.12	
6-15-40		54547	5.95	14.58	40.36	99	
19-19-19		54548	19.99	21.08	18.9	103.6	
19-19-19		54549	18.88	20.04	21.26	102.72	
31-11-11		54550	30.06	11.73	11.85	100.9	
31-11-11		54552	32.57	<b>8.71</b>	10.31	98.73	
Kee's Farm Service & Supply, LLC. Grayson ,KY							
19-20-19		54658	19.33	18.56	19.38	98.46	
19-20-19		54659	18.70	19.14	19.5	98.32	
23-00-30		54662	22.60		29.19	97.87	
28-14-12		54664	27.94	13.34	11.86	98.03	
20-19-19		54665	19.16	18.76	18.76	97.66	
12-30-16		54667	10.95	29.62	15.39	98.06	*
12-30-15		54668	11.39	30.16	15.39	99.74	*
19-19-19		54669	19.26	18.69	19.14	98.34	
28-00-23		54670	27.91		23.65	100	
23-00-30		54671	22.79		29.88	99.3	
Ken's Value Center Berry ,KY							
34-00-00	'Ammonium Nitrate	55077	33.47			98.44	
Kentucky Fertilizer - Winchester Winchester ,KY							
10-10-10	Kentucky Fertilizer	52312	10.49	10.62	11.29	107.39	
6-12-12	'Kentucky Fertilizer 6-12-12	52334	6.05	11.23	13.81	102.28	
19-19-19	'Kentucky Fertilizer 19-19-19	52335	19.76	19.58	20.49	104.66	
10-10-10	'10-10-10	52336	9.275	9.61	9.295	93.95	
20-5-10	'Kentucky Fertilizer 20-5-10	52386	20.40	5.28	9.44	100.92	
20-5-10	'Kentucky Fertilizer 20-5-10	52387	20.70	5.49	9.85	103.34	
19-19-19	'19-19-19	53210	19.00	19.64	18.57	100.55	

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>
00-20-20	'Kentucky Green	53334		19.00	20.94	99.21	
19-19-19	'Kentucky Green	53335	18.84	20.53	20.03	103.78	
35-00-00	'Kentucky Green	53336	36.04			102.97	*
10-10-10	'Ky Green 10-10-10	53401	10.16	11.06	10.99	106.79	
19-19-19	'Ky Green 19-19-19	53402	20.03	18.77	17.92	100.31	
10-10-10	'Kentucky Fertilizer	53628	10.58	10.38	10.28	104.35	
19-19-19	'Kentucky Fertilizer	53629	18.22	19.50	<b>15.26</b>	94.13	
46-00-00	'Urea	53649	46.18			100.39	
18-46-00	'DAP	53650	17.76	45.68		99.1	
00-00-60	'MOP	53651			59.75	99.58	
12-12-12	'Kentucky Green	53950	11.48	11.21	12.25	96.57	
15-15-15	'Kentucky Green	53951	14.62	14.77	14.58	97.74	
10-10-10	'KY Green	54474	9.82	11.11	10.99	105.58	
19-19-19	'KY Green	54475	19.18	19.68	18.36	100.72	
10-10-10	'Kentucky Green	54500	9.44	9.82	9.24	95.16	
19-19-19	'Kentucky Green	54501	18.82	19.76	19.1	101.1	
10-10-10	'10-10-10	54502	11.67	11.26	9.57	109.88	
24-5-11	'24-5-11	54503	23.49	4.75	10.89	97.76	*
6-12-12	'Kentucky Green	54916	7.19	11.84	13.46	108.4	
6-24-24	'Kentucky Green	54917	6.33	23.68	23.77	99.79	
10-10-10	'Kentucky Green	54918	9.96	9.17	9.56	95.9	
10-10-10	'Kentucky Green	54919	9.87	9.79	10.85	100.97	
12-24-24	'Kentucky Green	54920	12.50	23.28	24.04	99.84	
20-10-10	'Kentucky Green	54921	19.18	9.79	10.05	97.23	
19-19-19	'Kentucky Green	54961	19.60	19.06	19.21	101.67	
46-00-00	'Urea	55052	45.89			99.76	
18-46-00	'DAP	55053	18.00	45.79		99.69	
00-00-60	'MOP	55054			60.59	100.98	
10-10-10	'Kentucky Green	55055	11.16	10.81	11.26	110.68	
5-20-20	'Kentucky Green	55056	5.07	20.21	20.31	101.29	
35-00-00	'Kentucky Green	55057	34.91			99.74	*
5-10-15	'Kentucky Green	55063	5.49	10.21	15.41	103.51	
9-18-27	'Kentucky Green	55064	9.44	18.93	<b>24.56</b>	95.87	
10-10-10	'Kentucky Green	55065	9.77	10.77	10.34	102.55	
10-10-10	'Kentucky Green	55078	10.77	10.89	9.51	104.84	
10-20-20	'Kentucky Green	55104	9.81	19.40	20.14	98.48	
15-30-15	'Kentucky Green	55105	14.95	31.12	15.01	101.8	

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
16-27-14	'Kentucky Green	55106	15.38	27.36	13.18	98.22	
18-46-00	'Kentucky Green	55107	17.75	46.57		100.4	
19-35-8	'Kentucky Green	55108	18.84	36.23	7.59	101.13	
19-19-19	'Kentucky Green	55109	18.53	19.57	20.51	102.07	
22-20-00	'Kentucky Green	55110	22.21	19.77		100.05	
5-10-10	'Kentucky Green	55111	5.43	10.61	10.34	105.86	
6-24-24	'Kentucky Green	55128	6.26	24.15	23.90	100.77	
Kentucky Fertilizer LLC Louisville ,KY							
19-19-19	'Kentucky Green	53797	19.14	19.63	19.29	101.81	
10-10-10	'Kentucky Green	53798	9.96	10.66	9.28	100.2	
Knox Fertilizer Company Inc Knox ,IN							
34-00-00	'Twin Pine 34-0-0	52331	35.12			103.29	
10-10-10	'Twin Pine 10-10-10	52332	9.88	9.91	11.41	102.81	
24-8-16	'24-8-16 K Gro All-Purpose	52472	<b>18</b>	9.79	22.75	99.54	*
15-30-15	'15-30-15 K Gro All-Purpose	52473	17.54	29.07	15.61	104.27	*
10-10-10	'10-10-10 K Gro All-Purpose Flower & Vegetable	52474	11.37	9.3	10.82	105.21	
10-10-10	'10-10-10 BG	53750	10.72	10.44	11.59	108.51	
11-22-10	'Lawn Scape Premium Starter Fert	53759	11.39	21.34	10.4	100.26	
11-22-10	'Premium Starter Fertilizer	54868	11.08	<b>17.60</b>	12.00	93.54	
Koch Agronomic Services LLC Wichita ,KS							
46-00-00	'Uflexx 46-0-0	54516	46.20			100.43	
Lake Cumberland Farmers Coop. Monticello ,KY							
19-19-19		54044	20.12	19.57	18.23	100.38	
21-10-24		54046	20.63	9.76	24.4	98.04	
3-8-50		54047	3.02	7.59	49.16	98.59	
3-8-50		54048	3.03	7.59	49.75	99.52	
19-19-19		55016	19.13	18.68	20.87	100.32	
5-13-43		55017	5.01	12.91	43.81	100.84	
Lebanon Seaboard Corporation Lebanon ,PA							
34-00-00	'Mesa 34-0-0	54517	33.58			98.76	*
Lesco Inc. Cleveland ,OH							
14-20-4	'Lesco Bag 14-20-4	53399	13.51	18.88	5.14	97.91	*
21-00-00	'AS	53795	20.46			97.43	*
28-00-3	'Lesco 28-0-3	53796	28.00		3.4	100.86	*
Lilly Miller Brands - Atlanta Atlanta ,GA							
4-6-6	'Alaska Vegetable & Tomato	52307	7.21	7.38	<b>5.045</b>	129.27	*
Loveland Products, Inc. Greeley ,CO							

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
7-17-3	'Riser 7-17-3	54416	6.62	16.53	3.38	97.71	*
7-17-3	'Riser 7-17-3	54417	7.24	18.86	4.02	110.59	*
7-17-3	'Riser 7-17-3	54418	6.61	17.06	3.16	98.98	*
26-00-00	'N-Pact 26-0-0	54419	25.73			98.96	
7-17-3	'Riser 7-17-3	54427	6.94	16.3	3.47	98.52	*
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Marshall County Coop Benton ,KY							
6-6-6		53633	5.79	6.63	6.28	106.36	
22-14-12		53634	21.85	15.19	13.59	103.13	
18-46-00	'DAP	53635	16.91	46.99		99.54	
30-00-7	'30-0-7	53636	30.44		6.74	100.79	
00-00-60	'MP	53637			59.81	99.68	
3-7-51		54109	2.44	6.26	53.17	101.77	
18-18-17		54152	17.42	<b>16.28</b>	19.86	99.28	
18-19-17		54153	17.41	18.66	18.14	100.75	
18-18-17		54154	17.58	18.29	18.71	101.35	
25-10-10		54155	25.00	10.63	10.38	102.28	
18-18-17		54156	<b>16.13</b>	20.26	19.02	102.27	
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Mays Lick Mill Mayslick ,KY							
3-8-20		54498	3.40	7.33	19.79	98.97	
00-00-22		54499			22.02	98.7	*
18-00-00		54571	17.82			100.73	
41-00-6		54572	41.03		7.16	100.73	
11-00-12		54573	10.69		11.28	98.01	
26-14-14		54577	25.93	15.56	13.99	100.56	
22-13-18		54683	22.60	13.1	17.29	100.25	
00-00-23		54684			23.06	102.08	*
20-20-19		54685	19.45	21.77	19.05	103.22	
16-10-27		54686	15.80	10.08	27.00	99.68	
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Midwest AGri-Chemico Inc Cape Girardeau ,MO							
32-00-00	'UAN	54541	31.93			99.78	
<hr/>							
Milwaukee Metro Sewerage District Milwaukee ,WI							
6-4-00	'Milorganite All Purpose Long Lasting	52427	5.89	5.22		109.87	*
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Miracle-Gro Lawn Products, Inc. Marysville ,OH							
12-4-8	'Miracle Gro	52327	12.40	5.24	8.9	109.89	*
24-8-16	'Miracle Gro All Purpose Water Sol	53618	24.23	8.72	16.97	103.55	*
10-18-9	'Miracle-Gro Shake n Feed Rose & Bloom	53675	10.28	16.81	9.88	99.51	*
12-4-8	'Miracle Gro Shake n Feed All Purpose	53686	12.85	5.17	8.4	110.18	*

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>
9-4-12	'Miracle Gro Shake n Feed Tomato Fruits & Vegetables	53691	9.21	4.33	12.06	102.62	*
10-5-15	'Miracle-Gro Shake N Feed Tomato Fruit & Vegetable Pla	53710	10.40	5.95	14.61	103.96	*
10-2-8	'Miracle-Gro Nature s Care Organic & Natural Raised Bed Pl	53711	<b>8.42</b>	2.67	11.67	107.89	*
12-9-6	'Miracle -Gro Liqua Feed Bloom Booster	53755	12.42	9.58	6.28	104.64	*
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Monty's Plant Food Louisville ,KY							
6-11-5	'All Purpose Plant Food	52426	6.86	13.42	6.22	119.93	
8-16-8	'Premium Growth Plant Food	54874	8.46	16.33	8.59	104.2	*
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Mosaic Global Sales, LLC. Lithia ,FL							
00-00-22	'Spm	53276			<b>20.18</b>	93.86	*
<hr/>							
Nutrien Ag Solutions - Russellville Russellville ,KY							
11-29-22		52667	11.27	29.3	23.18	101.41	
9-23-30		52668	9.15	23.18	30.7	101.57	
9-23-30		52669	8.86	22.99	31.04	101.07	
14-36-13		52670	13.43	35.79	13.95	99.68	
13-33-17		52671	12.67	33.58	16.78	100.38	
9-23-30		52672	8.94	23.65	29.53	100.41	
9-23-30		52673	10.49	27.03	<b>23.67</b>	101.89	
20-19-19		54079	19.92	20.28	18.27	101.27	
10-20-26		54080	10.02	20.19	27.33	100.73	*
10-20-26		54081	10.20	20.10	25.88	98.86	*
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Nutrien Ag Solutions - Beaver Dam Beaver Dam ,KY							
6-14-19		52750	5.99	15.08	18.74	103.19	
18-12-13		52751	17.05	11.79	12.87	98.57	
9-23-30		54965	9.16	23.46	29.13	99.97	
9-23-30		54966	9.10	23.92	29.44	101.07	
4-11-30		54967	4.32	11.50	29.24	98.1	
4-11-30		54968	4.38	11.61	29.13	98.35	
6-15-40		54969	5.92	14.96	41.25	101.06	
9-23-30		54970	8.87	23.52	30.36	101.13	
6-15-40		54978	5.83	14.91	40.32	99.42	
6-15-40		54979	5.81	14.86	41.03	100.3	
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Nutrien Ag Solutions - Campbellsville Campbellsville ,KY							
00-21-33		53235		20.91	33.20	100.78	
13-19-21		54394	12.47	18.9	21.68	99.04	*
7-18-36		54395	7.14	18.64	36.74	101.51	
7-18-36		54396	7.15	19.34	36.01	101.79	
21-14-16		54397	19.96	13.85	16.21	99.8	*

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>
18-18-17		54398	17.50	18.15	18.64	102.06	
36-00-00		54399	35.29			96.74	*
13-20-21		54400	12.64	19.97	22.03	101.98	*
20-15-13		54401	19.32	15.98	13.16	102.42	*
20-20-19		54402	19.86	20.44	<b>17.00</b>	99.54	
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Nutrien Ag Solutions - Cecilia Cecilia ,KY							
20-19-19		53913	18.83	21.66	<b>17.92</b>	101.1	
21-14-11		53914	21.18	14.31	10.63	98.71	*
10-26-26		53915	10.42	26.22	25.11	99.7	
10-26-26		53916	10.68	27.82	25.01	102.86	
10-26-26		53917	10.85	26.87	<b>24.55</b>	100.97	
25-15-15		53918	25.33	15.71	14.9	101.01	
25-15-15		53919	25.60	16.08	14.18	101.3	
5-13-42		53920	5.77	13.55	40.72	100.41	*
19-19-19		53921	18.89	18.55	20.17	98.68	
22-18-18		53922	20.69	19.25	16.91	99.68	
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Nutrien Ag Solutions - Clarkson Clarkson ,KY							
17-26-17		54128	17.34	25.28	17.47	99.92	
25-15-15		54129	25.88	15.14	14.18	100.2	
19-19-19		54130	19.50	20.28	18.73	101.03	
17-6-33		54131	17.15	7.09	31.96	100.63	
19-19-19		54132	19.71	19.18	19.03	99.98	
19-19-19		54133	19.51	18.86	19.42	99.49	
19-19-19		54134	19.21	19.21	19.91	100.17	
19-19-19		54135	18.54	18.89	19.65	98.48	
19-19-19		54136	19.54	19.45	18.96	99.97	
9-23-30		54137	8.70	22.57	30.58	99.4	
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Nutrien Ag Solutions - Clay Clay ,KY							
9-23-30		54729	8.75	22.86	29.05	98.01	
19-19-19		54730	18.91	20.22	19.44	100.7	
19-19-19		54731	19.08	20.03	18.95	100.09	
9-23-30		54732	9.22	23.1	29.71	100.31	
19-19-20		54733	<b>16.94</b>	19.66	22.75	100.4	
11-18-26		54734	10.30	17.94	28.15	102.21	*
11-18-26		54735	10.53	18.42	26.43	101.09	*
11-18-26		54736	10.23	18.45	26.74	100.91	*
11-18-26		54737	10.24	18.38	26.34	100.19	*

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>
6-20-30		54738	5.89	19.5	31.15	100.55	*
6-20-30		54739	5.84	19.52	31.22	100.58	*
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Nutrien Ag Solutions - Clinton Clinton ,KY							
9-23-30		54600	8.76	23.2	30.06	99.93	
9-23-30		54601	8.51	22.93	30.61	99.67	
12-17-22		54602	12.09	17.07	21.13	99.67	*
8-19-31		54603	7.58	18.63	29.81	98.57	*
9-23-30		55000	8.74	23.06	29.75	99.22	
9-23-30		55001	9.22	24.17	29.74	102.17	
9-23-30		55002	8.86	22.79	30.84	100.47	
9-23-30		55003	9.02	23.29	29.19	99.46	
9-23-30		55004	8.78	21.88	30.83	98.69	
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Nutrien Ag Solutions - Ekron Ekron ,KY							
25-15-15		54442	25.28	13.98	15.81	99.1	
22-18-17		54443	21.74	18.29	17.05	99.92	
24-16-16		54444	23.91	15.83	16.82	100.65	
30-8-10		54445	29.69	7.51	11.45	100.23	
22-18-17		54446	21.51	17.76	18.14	99.98	
7-18-36		54447	6.80	17.03	36.59	97.74	
22-20-15		54448	21.51	19.55	15.94	98.62	
29-27-00		54449	29.11	28.96		102.2	
24-11-16		54450	23.07	11.11	17.31	100.77	*
33-22-00		54451	32.55	23.29		102.28	
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Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY							
14-16-25		54306	13.85	14.82	26.87	100	*
14-16-25		54307	14.74	15.9	25.24	101.71	*
8-20-30		54308	7.95	20.28	30.56	101.42	*
8-20-30		54309	8.29	20.69	30.19	102.43	*
11-18-24		54310	11.25	18.24	23.66	99.28	*
11-18-24		54311	10.99	18.2	24.36	99.65	*
9-22-27		54312	8.85	22.32	27.05	100.84	*
9-22-27		54313	8.58	20.88	28.58	99.73	*
9-23-30		54996	8.80	22.45	30	98.61	
9-23-30		54997	8.75	23.12	30.08	99.79	
8-19-30		54998	7.63	19.04	31.90	102.37	*
8-19-30		54999	7.50	18.82	29.84	98.57	*
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Nutrien Ag Solutions - Glendale Glendale ,KY							

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**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>
21-15-21		54344	20.20	14.94	21.48	99.34	
10-26-26		54345	10.33	25.87	25.32	99.05	
19-13-25		54346	18.74	12.45	25.69	99.77	
10-26-26		54347	10.82	26.91	25.80	102.47	
10-26-26		54348	10.39	26.9	26.11	101.98	
10-26-26		54349	10.37	26.4	25.66	100.49	
16-22-22		54350	16.04	23.05	20.53	100.57	
16-22-22		54351	16.07	23.01	21.41	101.74	
14-24-24		54440	13.47	24.41	23.31	100.88	
14-24-24		54441	13.43	24.02	24.23	101.34	
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Nutrien Ag Solutions - Greeley Greeley ,CO							
11-38-00	'SZ MesZ	52438	11.70	39.76		105.07	*
00-00-60	'MP	52439			60.19	100.32	
00-00-60	'MP	52440			61.37	102.28	
00-00-22	'K Mag	52441			22.11	100.5	*
18-46-00	'DAP	52442	17.68	45.89		99.28	
00-00-60	'MP	52445			58.84	98.07	
18-46-00	'DAP	52446	17.69	45.45		98.64	
18-46-00	'DAP	52447	17.72	45.84		99.27	
00-00-60	'MP	52455			60.56	100.93	
18-46-00	'DAP	52456	17.71	46.23		99.84	
12-40-00	'MEZ	52457	11.76	41.29		101.86	*
18-46-00	'DAP	52500	17.71	45.45		98.67	
00-00-60	'MP	52501			59.17	98.62	
00-00-58	'Aspire	52504			59.82	103.14	*
00-00-60	'MP	52505			58.88	98.13	
12-40-00	'MES10	52506	11.91	40.24		100.25	*
00-46-00	'TSP	52535		46.05		100.11	
00-00-60	'MP	52536			60.58	100.97	
18-46-00	'DAP	52537	17.67	45.57		98.78	
18-46-00	'DAP	52545	17.69	46.74		100.56	
00-00-60	'MP	52546			59.35	98.92	
18-46-00	'DAP	52563	17.81	47.89		102.48	
00-46-00	'TSP	52564		46.49		101.07	
00-00-60	'MOP	52565			60.60	101	
00-00-60	'MOP	52566			58.87	98.12	
18-46-00	'DAP	52601	18.01	46.79		101.19	

Values in bold are deficient.

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**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	52602			59.84	99.73	
00-46-00	'TSP	52603		46.75		101.63	
00-00-22	'K-Mag	52604			22.23	103.4	*
00-00-60	'MP	52631			59.70	99.5	
12-40-00	'MEZ	52632	12.07	41.79		103.46	*
18-46-00	'DAP	52633	17.86	46.96		101.18	
12-40-00	'MEZ	52647	11.76	40.12		99.7	*
18-46-00	'DAP	52648	17.75	45.98		99.53	
00-00-60	'MP	52649			59.09	98.48	
46-00-00	'Urea	52947	46.06			100.13	
46-00-00	'Urea	52948	45.52			98.96	
18-46-00	'DAP	52949	17.92	46.54		100.66	
00-00-60	'MOP	52950			60.23	100.38	
18-46-00	'DAP	52951	18.05	46.42		100.71	
00-00-60	'MOP	52954			60.2	100.33	
44-00-00	'ESN	52955	44.83			101.89	
46-00-00	'Urea	52956	46.16			100.35	
18-46-00	'DAP	52957	18.02	45.6		99.44	
18-46-00	'DAP	52958	18.11	45.74		99.81	
00-00-60	'MOP	52959			59.43	99.05	
00-00-58	'Aspire	52960			58	100	*
12-40-00	'MES Z	52961	11.28	39.75		97.97	*
18-46-00	'DAP	52962	17.78	45.8		99.31	
00-00-60	'MP	52963			59.49	99.15	
46-00-00	'Urea	52964	46.2			100.43	
46-00-00	'Urea	52965	46.11			100.24	
18-46-00	'DAP	52966	18.01	45.46		99.22	
00-00-60	'MP	52967			60.46	100.77	
46-00-00	'Urea	52988	45.97			99.93	
46-00-00	'Urea	52989	45.85			99.67	
44-00-00	'ESN Urea	52990	44.72			101.64	
18-46-00	'DAP	52991	17.77	45.91		99.46	
18-46-00	'DAP	52992	17.79	46.16		99.87	
18-46-00	'DAP	52993	17.57	45.38		98.32	
00-00-60	'MOP	52994			60.50	100.83	
00-00-60	'MOP	52995			59.58	99.3	
20-00-00	'AS	52997	20.44			99.71	*

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>
28-00-00	'UAN	52998	27.91			99.68	
00-00-60	'MP	53030			59.07	98.45	
18-46-00	'DAP	53031	17.96	46.71		100.98	
12-40-00	'MEZ	53032	11.59	39.6		98.36	*
44-00-00	'ESN	53033	45.40			103.18	
18-46-00	'DAP	53112	18.10	46.16		100.41	
18-46-00	'DAP	53114	17.82	46.45		100.35	
00-00-60	'MOP	53115			60.64	101.07	
44-00-00	'ESN	53116	45.78			104.05	
00-00-60	'MOP	53117			60.48	100.8	
46-00-00	'Urea	53118	46.37			100.8	
20-00-00	'AS	53119	19.37			94.49	*
00-00-50	'SP	53152			50.72	101.44	
44-00-00	'ESN	53153	44.93			102.11	
00-00-60	'MOP	53154			60.95	101.58	
18-46-00	'DAP	53155	17.82	45.64		99.15	
18-46-00	'DAP	53156	17.80	46.62		100.56	
46-00-00	'Urea	53157	46.09			100.2	
46-00-00	'Urea	53158	46.19			100.41	
18-46-00	'DAP	53159	17.95	45.74		99.53	
18-46-00	'DAP	53160	17.71	46.12		99.66	
46-00-00	'Urea	53161	46.20			100.43	
00-46-00	'TSP	53162		46.09		100.2	
44-00-00	'ESN	53163	44.84			101.91	
20-00-00	'AS	53164	20.27			98.88	*
00-00-60	'MOP	53165			61.72	102.87	
20-00-00	'AS	53166	20.55			100.24	*
00-00-60	'MOP	53167			59.77	99.62	
44-00-00	'ESN	53168	44.88			102	
18-46-00	'DAP	53169	18.11	44.82		98.45	
46-00-00	'Urea	53170	45.81			99.59	
46-00-00	'Urea	53202	46.02			100.04	
18-46-00	'DAP	53203	17.91	46.52		100.61	
00-00-60	'MOP	53205			61.00	101.67	
00-00-60	'MOP	53206			61.17	101.95	
46-00-00	'Urea	53207	46.19			100.41	
18-46-00	'DAP	53208	17.56	46.56		100.05	

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
44-00-00	'ESN	53209	45.11			102.52	
45-00-00	'45-0-0	53248	46.10			102.44	
00-00-58	'Aspire	53249			59.75	103.02	*
00-00-60	'MP	53250			59.66	99.43	
12-40-00	'MES10	53251	11.53	40.41		99.72	*
12-40-00	'MES10	53257	12.06	40.35		100.78	*
00-00-60	'MP	53258			59.92	99.87	
18-46-00	'DAP	53259	17.72	46.21		99.82	
00-46-00	'TSP	53260		46.73		101.59	
44-00-00	'ESN	53261	45.30			102.95	
46-00-00	'Urea	53262	46.16			100.35	
18-46-00	'DAP	53379	18.00	45.75		99.63	
00-00-60	'MOP	53380			60.93	101.55	
46-00-00	'Urea	53381	46.06			100.13	
20-00-00	'AS	53383	19.90			94.76	*
44-00-00	'ESN	53384	44.90			102.05	
00-00-22	'K Mag	53385			20.78	96.65	*
00-00-60	'MP	53446			60.38	100.63	
00-00-60	'MP	53447			60.79	101.32	
18-46-00	'DAP	53448	17.70	45.69		99.01	
18-46-00	'DAP	53449	17.57	46.49		99.96	
21-00-00	'AS	53450	20.99			99.95	*
00-00-22	'K-MAG	53451			21.42	97.36	*
46-00-00	'UREA	53453	46.19			100.41	
18-46-00	'DAP	53507	17.61	45.63		98.76	
00-00-60	'MP	53508			61.15	101.92	
00-00-60	'MP	53509			61.67	102.78	
4-6-32	'Agrium NPK 4-6-32	53510	4.28	6.63	33.10	105.12	*
46-00-00	'Urea	53511	46.14			100.3	
44-00-00	'ESN	53512	<b>41.30</b>			93.86	
46-00-00	'Urea	53575	46.17			100.37	
44-00-00	'ESN	53576	45.20			102.73	
00-00-60	'MP	53577			61.46	102.43	
12-40-00	'MEZ	53578	11.73	40.2		99.77	*
12-40-00	'MEZ	53579	11.73	40.76		100.8	*
18-46-00	'DAP	53580	17.34	46.48		99.54	
00-00-50	'SOP	53619			49.95	99.9	

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	53620			59.65	99.42	
12-40-00	'MES	53621	11.90	41.11		101.82	*
18-46-00	'DAP	53622	17.15	<b>43.58</b>		94.91	
00-00-60	'MOP	53623			60.09	100.15	
21-00-00	'AS	53624	21.03			100.14	*
00-00-50	'SOP	53625			49.93	99.86	
46-00-00	'Urea	53626	46.20			100.43	
00-00-60	'MOP	53627			61.45	102.42	
32-00-00	'32-0-0	53663	31.64			98.88	
00-00-60	'MP	53667			59.61	99.35	
00-00-60	'MP	53668			59.78	99.63	
18-46-00	'DAP	53669	17.90	45.37		98.89	
18-46-00	'DAP	53670	17.95	46.16		100.15	
6-12-18	'Rainbow Tobacco 6-12-18	53671	6.74	12.85	19.79	109.63	*
46-00-00	'Urea	53700	46.13			100.28	
00-00-50	'SP	53701			<b>48.44</b>	96.88	
12-40-00	'MEZ	53702	11.64	41.76		102.45	*
44-00-00	'ESN	53703	44.96			102.18	
18-46-00	'DAP	53704	17.74	46.51		100.29	
18-46-00	'DAP	53705	18.02	46.34		100.54	
00-00-60	'MP	53706			60.42	100.7	
44-00-00	'ESN	54102	44.87			101.98	
46-00-00	'Urea	54103	46.20			100.43	
00-00-60	'MP	54104			60.06	100.1	
18-46-00	'DAP	54105	18.03	44.99		98.56	
46-00-00	'Urea	54452	46.19			100.41	
18-46-00	'DAP	54453	17.82	45.69		99.22	
20-00-00	'Ammonium Sulfate	54454	20.18			98.44	*
00-00-60	'MOP	54455			59.22	98.7	
18-46-00	'DAP	54643	17.61	47.81		101.99	
18-46-00	'DAP	54644	17.65	47.7		101.9	
00-00-60	'MOP	54645			61.78	102.97	
32-00-00	'32% UAN	55028	31.54			98.56	
18-46-00	'DAP	55116	17.60	46.72		100.36	
18-46-00	'DAP	55117	17.59	45.22		98.12	
00-00-60	'MOP	55118			60.49	100.82	
00-00-50	'SOP	55119			49.68	99.36	

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>
Nutrien Ag Solutions - Hardin Hardin ,KY							
25-13-17		53443	24.21	13.31	17.19	98.98	
25-13-17		53444	24.50	12.91	16.48	97.92	
22-15-19		53445	21.64	13.81	20.42	98.6	
25-13-17		53452	24.47	13.15	18.04	100.42	
9-23-30		54108	9.01	23.12	29.63	99.73	
14-34-15		54811	13.52	34.63	14.95	100.19	
8-21-30		54812	9.42	20.69	30.66	103.35	*
8-21-30		54813	8.37	20.96	30.95	101.93	*
9-23-30		54814	8.77	23.22	29.49	99.21	
9-23-30		54815	8.74	22.86	29.1	97.99	
Nutrien Ag Solutions - Henderson Henderson ,KY							
00-15-40		52728		14.96	40.39	99.83	
00-15-40		52729		14.7	40.91	100.11	
9-23-30		54203	9.10	22.27	30.36	99.41	
9-23-30		54204	8.82	22.65	30.16	99.22	
9-23-30		54205	8.89	21.72	29.83	97.28	
9-23-30		54206	8.62	22.43	30.23	98.51	
9-23-30		54207	8.71	22.14	29.92	97.77	
9-23-30		54208	8.73	21.96	29.64	97.11	
27-11-16		54963	26.17	10.62	16.43	98.21	
9-23-30		54964	9.07	23.58	29.55	100.56	
Nutrien Ag Solutions - Hodgenville Hodgenville ,KY							
23-13-11		54245	23.03	13.77	10.2	100.33	*
23-13-11		54246	22.13	13.49	11.48	99.57	*
23-13-11		54247	22.44	12.89	12.14	100.13	*
22-11-22		54248	22.09	10.44	21.79	98.98	
19-19-19		54249	18.96	19.57	18.97	98.97	
17-21-21		54250	16.81	21.32	20.93	99.8	
19-19-19		54251	19.48	20.32	18.11	100.86	
19-19-19		54252	19.04	19.12	19.94	99.65	
23-13-11		54253	22.31	12.82	11.26	98.29	*
29-15-00		54254	27.99	14.87		98.37	*
Nutrien Ag Solutions - Horse Cave Horse Cave ,KY							
23-17-17		54127	23.19	16.07	17.04	99.7	
14-14-14		54148	14.09	13.09	13.73	97.91	
34-00-15		54149	34.75		<b>12.39</b>	98.59	*
11-16-31		54150	<b>8.96</b>	<b>7.88</b>	33.96	86.03	*

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>
23-17-16		54151	22.57	15.79	18.62	99.99	
19-19-19		54239	20.40	18.79	19.02	100.69	
34-8-00		54240	34.31	7.97		99.87	*
19-19-19		54241	20.03	19.89	18.22	100.77	
19-19-19		54242	19.63	19.06	19.05	99.6	
19-19-19		54243	19.78	18.68	18.37	98.33	
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Nutrien Ag Solutions - Kevil Kevil ,KY							
12-19-21		54268	11.81	<b>17.65</b>	21.85	97.69	*
9-23-30		54352	9.07	23.29	<b>28.52</b>	98.66	
9-23-30		54353	8.77	22.56	29.9	98.61	
9-23-30		54354	8.74	22.31	30.36	98.72	
6-15-35		54531	5.83	15.3	33.78	98.09	*
10-18-26		54532	9.88	17.51	26.07	98.74	*
10-18-26		54533	9.41	17.69	27.04	99.47	*
10-18-26		54534	9.27	17.22	26.5	97.06	*
9-18-26		54535	9.85	17.59	25.79	99.28	*
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Nutrien Ag Solutions - Lebanon Lebanon ,KY							
22-9-00		54791	22.29	8.26		98.92	*
22-9-00		54792	22.17	8.03		97.86	*
22-9-00		54793	22.00	8.28		97.99	*
22-9-00		54794	21.75	8.21		96.95	*
22-9-00		54795	22.06	8.12		97.74	*
32-00-18		54796	31.57		18.2	99.19	
32-00-18		54797	31.31		18.32	98.77	
32-00-18		54798	31.47		18.37	99.21	
21-17-12		54799	20.37	16.53	12.13	97.67	*
20-16-15		54800	19.37	15.36	14.63	97.31	*
<hr/>							
Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY							
32-00-00 'UAN 32-0-0		55091	31.60			98.75	
32-00-00 'UAN 32-0-0		55092	31.66			98.94	
30-00-00		55093	<b>28.42</b>			94.73	*
24-00-00		55094	<b>20.9</b>			85.97	*
30-00-00		55095	29.44			97.32	*
<hr/>							
Nutrien Ag Solutions - Morganfield Morganfield ,KY							
6-20-29		52740	5.75	20.65	30.66	101.54	*
6-20-29		52741	5.83	20.24	30.36	100.45	*
6-20-29		52742	5.73	20.37	30.25	100.31	*

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>
6-20-29		52743	6.05	20.95	29.39	100.95	*
6-20-29		52744	5.75	20.2	30.47	100.35	*
6-20-29		52745	5.85	21.08	29.48	100.87	*
6-20-29		52746	5.77	20.28	30.41	100.47	*
6-20-29		52747	5.79	20.57	29.02	99	*
6-20-29		52748	5.85	20.16	29.91	99.66	*
6-20-29		52749	6.08	20.92	28.4	99.47	*
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Nutrien Ag Solutions - Pembroke Pembroke ,KY							
14-17-15		52435	14.14	18.53	15.49	102.82	
7-17-33		52436	6.72	16.99	33.89	101.15	*
7-17-33		52437	6.57	17.55	33.18	100.86	*
9-23-25		52463	8.98	23.24	26.01	101.49	*
9-23-25		52464	8.73	22.71	26.97	101.29	*
9-23-25		52465	8.79	22.61	27.02	101.3	*
9-23-25		52466	8.89	22.79	26.75	101.49	*
9-23-25		52467	8.86	23.22	26.31	101.61	*
9-23-25		52468	8.71	21.90	24.64	96.38	*
13-19-21		53661	12.67	19.29	21.42	100.07	*
13-19-21		53662	12.75	18.48	22.56	100.38	*
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Nutrien Ag Solutions - Riverport Owensboro ,KY							
6-15-40		54837	6.26	15.56	40.8	102.23	
6-15-40		54838	6.13	15.45	41.22	102.38	
9-23-30		54839	9.59	24.41	29.4	102.96	
9-23-30		54840	9.55	24.13	29.05	101.9	
9-23-30		54841	9.16	23.34	30.97	102.29	
9-23-30		54842	8.93	22.52	30.98	100.35	
6-15-40		54843	6.07	16.26	40.5	102.64	
6-15-40		54844	5.92	15	41.19	100.92	
9-23-30		54845	9.27	23.3	30.43	101.76	
9-23-30		54846	9.15	22.93	29.63	99.74	
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Nutrien Ag Solutions - Sacramento Sacramento ,KY							
9-23-30		54092	8.75	22.76	29.04	97.8	
9-23-30		54093	8.72	21.76	30.68	98.19	
9-23-30		54094	9.02	22.28	30.59	99.62	
27-9-12		54095	27.24	9.1	12.97	100.76	*
29-15-11		54096	28.16	14.22	11.15	98.47	
19-18-19		54097	18.50	19.23	17.96	99.43	

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>
19-19-20		54098	18.96	18.6	19.98	98.81	
27-12-15		54099	27.26	11.28	14.89	98.88	
27-12-15		54100	26.72	11.57	14.79	98.11	
19-19-20		54101	19.20	19.42	19.19	99.68	
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Nutrien Ag Solutions - Sedalia Sedalia ,KY							
9-22-31		54314	8.69	22.66	30.5	100.34	
9-22-31		54315	9.09	23.62	30.03	102.25	
9-22-31		54316	8.44	22.36	30.83	99.72	
9-22-31		54318	8.39	20.87	31.94	98.48	
9-22-31		54319	9.03	23.07	<b>29.78</b>	100.81	
7-17-33		54816	7.72	16.78	32.37	100.88	*
7-17-33		54817	6.64	18.51	33.14	102.92	*
9-23-25		54818	8.68	22.18	25.4	98.04	*
9-23-25		54819	8.56	22.40	26.73	100.11	*
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Nutrien Ag Solutions - Shelbyville Shelbyville ,KY							
11-29-19		52653	11.19	29.13	18.05	100.44	
21-18-18		54025	20.96	18.57	18.94	101.61	
12-12-15		54026	11.58	11.15	15.93	99.92	*
24-37-00		54027	22.62	35.92		96.84	
6-15-40		54028	6.25	15.06	38.66	98.12	
5-14-28		54029	5.45	13.04	28.31	98.73	
20-11-19		54030	20.34	10.82	19.40	99.58	
11-27-25		54647	10.34	27.77	24.89	100.91	
31-11-11		54648	31.10	11.28	11.19	101.33	
23-00-30		54649	23.12		30.89	101.64	
9-23-30		54650	8.94	22.91	29.11	98.54	
31-11-12		54651	30.44	11.03	11.36	99.95	
31-11-12		54652	30.78	11.27	11.62	101.46	
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Nutrien Ag Solutions - Upton Upton ,KY							
24-18-13		54334	23.23	<b>16.98</b>	15.62	100.25	*
27-14-14		54335	27.07	13.63	14.49	100.76	
28-12-15		54336	27.79	11.63	14.66	100.39	
19-19-19		54337	19.16	19.4	19.23	99.45	
26-32-00		54338	25.82	31.23		97.39	
26-31-00		54339	25.77	31.07		99.47	
15-33-15		54340	15.28	32.56	14.10	100.03	
11-17-32		54341	10.93	17.45	30.95	98.97	

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
33-20-00		54342	32.86	19.98		99.28	
19-19-19		54343	19.49	19.07	19.31	99.67	
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Nutrien Ag Solutions - Waverly Waverly ,KY							
6-20-29		52709	6.51	22.28	<b>27.64</b>	103.56	*
6-20-29		52710	5.97	20.78	29.89	102.63	*
6-20-29		52711	5.82	20.32	30.63	102.46	*
6-20-29		52712	6.07	20.56	30.31	103.06	*
6-20-29		52713	6.00	20.52	29.91	102.2	*
6-20-30		54198	6.10	20.69	28.74	100.45	*
6-20-30		54199	5.63	18.91	31.63	100.21	*
6-19-29		54200	5.69	19.79	28.9	101.27	*
6-19-29		54201	5.87	19.06	29.89	101.78	*
17-17-17		54202	17.44	17.13	18.48	100.75	*
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Organic Laboratories Inc Fort Pierce ,FL							
4-2-6	'Plant Doctor Tomato Maker	52896	8.00	2.53	7.06	153.79	*
4-2-6	'Tomato Maker	53615	7.80	2.77	6.84	152.32	*
4-2-6	'Tomato Maker	53695	7.74	2.54	6.45	147.04	*
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Otis Bryant & Son, Inc. Caneyville ,KY							
19-19-20		54138	19.93	18.3	20.62	101.06	
19-19-20		54139	19.94	18.45	19.94	100.43	
19-19-20		54140	20.07	18.38	19.55	100.05	
9-23-30		54141	9.38	23.82	29.62	101.73	
19-19-20		54142	20.73	<b>17.16</b>	20.53	100.62	
19-19-20		54143	21.24	18.06	19.07	101.29	
21-15-20		54144	22.79	14.25	19.32	100.26	
18-18-18		54145	17.78	<b>15.76</b>	20.92	99.5	*
7-18-36		54146	7.56	18.85	36.08	101.72	
19-19-20		54147	20.47	18.49	19.04	100.4	
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Paducah-McCracken Riverport Authority Paducah ,KY							
9-23-30		54166	8.64	22.63	30.5	99.3	
22-13-22		54167	21.59	18.14	<b>17.04</b>	103.26	
9-23-30		55018	8.94	24.30	29.78	101.87	
9-23-30		55019	8.90	22.80	31.99	102.13	
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Parrish Shop & Sales, LLC Henderson ,KY							
7-24-6	'7-24-6-4S	54422	6.80	23.70	6.61	99.81	*
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Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL							
4-3-2	'Rose & Flower 4-3-2	52346	4.97	3.94	3.15	131.96	*

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>
2-4-3	'Coop Poop All Purpose Garden Food	53680	4.04	3.71	3.24	126.84	*
10-3-2	'Healthy Grow Professional	54568	10.93	3.56	2.56	112.74	*
<hr/>							
Pinnacle Ag - Franklin Franklin ,KY							
6-16-33		52578	6.37	15.57	32.53	98.34	*
6-16-33		52579	6.44	15.81	33.61	100.68	*
8-21-24		52580	8.13	20.87	25.31	99.52	*
8-19-35		52657	7.59	19.6	35.53	101.44	
9-22-21		52658	8.54	21.28	22.16	100.31	*
9-22-21		52659	8.44	21.92	21.83	100.89	*
10-25-27		52660	9.44	24.53	29.46	101.1	
8-20-34		52661	7.92	19.7	35.74	102.22	
6-15-20		52662	6.13	15.11	20.88	101.58	
6-15-20		52663	5.88	<b>13.90</b>	21.54	98.87	
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Pinnacle Ag - Fancy Farm Fancy Farm ,KY							
24-10-20		53976	25.23	10.79	19.85	102.54	
31-6-15		53977	30.97	5.27	16.09	100.55	
21-14-19		53978	20.39	<b>9.88</b>	24.03	98.21	
22-15-20		53979	21.42	14.42	19.76	98.27	
21-14-19		53980	20.90	13.52	20.42	100.96	
31-9-12		53981	<b>27.70</b>	<b>7.26</b>	17.93	97.18	
20-16-21		54106	18.85	16.46	20.88	97.77	
20-16-21		54107	19.56	16.14	20.81	98.62	
21-15-17		54992	<b>17.76</b>	<b>8.96</b>	25.14	92.67	*
21-15-17		54993	20.93	14.19	17.5	98.58	*
14-20-26		54994	14.62	20.17	24.49	99.85	
14-20-26		54995	14.10	19.75	24.94	98.62	
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Pinnacle Ag - Glasgow Glasgow ,KY							
31-11-11		53415	31.28	10.46	10.67	99.53	
9-22-29		53416	8.75	22.07	27.91	99.78	*
9-22-29		53417	8.78	21.76	28.38	99.94	*
9-22-29		53418	8.71	21.63	28.75	100.07	*
9-22-29		53420	8.66	21.84	28.74	100.33	*
19-14-24		53421	18.44	13.86	24.51	99.16	
19-14-24		53422	17.98	14.15	26.35	101.25	
19-14-24		53423	18.68	14.63	23.95	100.3	
31-11-11		53425	30.66	11.13	10.46	99.12	
19-19-20		53426	18.09	19.87	20.37	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>
Pinnacle Ag - Hartford Hartford ,KY							
4-12-16		52730	4.40	11.02	16.5	97.95	*
4-12-16		52731	4.51	11.23	16.4	98.86	*
4-12-16		52732	4.47	11.24	16.1	97.96	*
4-12-16		52733	4.57	11.2	15.87	97.64	*
6-20-30		52734	5.89	20.48	30.38	101.28	*
6-20-30		52735	<b>5.37</b>	18.89	31.08	97.89	*
6-20-30		52736	5.85	20.11	29.8	99.56	*
00-00-46		52737			44.40	97.07	*
00-00-46		52738			45.72	99.96	*
00-00-46		52739			45.60	99.69	*
Pinnacle Ag - Russellville Russellville ,KY							
9-23-30		52487	9.58	24.37	29.2	102.6	
9-23-30		52488	9.32	24.41	28.78	101.56	
9-23-30		52489	9.58	24.98	<b>27.84</b>	101.88	
9-23-30		52490	9.27	23.19	30.01	100.92	
9-23-30		52491	9.51	24.63	<b>27.69</b>	100.9	
9-23-30		52492	9.01	22.82	30.33	100.14	
9-23-30		52493	9.12	23.3	30.15	100.99	
9-23-30		52494	9.12	23.42	30.44	101.59	
9-23-30		52495	9.22	23.49	30.16	101.55	
9-22-26		52496	8.76	22.47	27.05	103.35	*
Pinnacle Agriculture Memphis ,TN							
00-00-60	'MOP	52432			60.64	101.07	
18-46-00	'DAP	52433	17.84	45.06		98.32	
00-00-60	'MOP	52477			60.27	100.45	
18-46-00	'DAP	52478	17.84	46		99.72	
00-00-60	'MP	52502			59.91	99.85	
18-46-00	'DAP	52503	18.03	45.93		99.95	
18-46-00	'DAP	52581	17.71	46.56		100.33	
00-00-60	'MOP	52582			59.72	99.53	
12-40-00	'MEZ	52650	11.88	41.29		102.12	*
18-46-00	'DAP	52651	17.77	46.24		99.95	
00-00-60	'MP	52652			61.28	102.13	
00-00-60	'MP	52674			60.12	100.2	
12-40-00	'MEZ	52675	11.13	40.18		98.44	*
00-00-60	'MP	53012			60.22	100.37	
18-46-00	'DAP	53013	17.58	45.01		97.79	

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
00-00-60	'MP	53014			60.12	100.2	
18-46-00	'DAP	53015	18.01	46.08		100.14	
00-00-60	'MOP	53419			60.56	100.93	
46-00-00	'Urea	53424	46.02			100.04	
21-00-00	'AMS	53427	20.74			98.76	*
18-46-00	'DAP	53428	18.00	45.4		99.11	
21-00-00	'AMS	53467	20.84			99.24	*
00-00-60	'MOP	53468			60.36	100.6	
00-00-60	'MOP	53469			60.12	100.2	
18-46-00	'DAP	53470	17.65	46.3		99.82	
18-46-00	'DAP	53471	17.72	45.33		98.51	
46-00-00	'Urea	53472	46.20			100.43	
46-00-00	'Urea	53473	45.91			99.8	
21-00-00	'AS	53567	20.78			98.95	*
46-00-00	'Urea	53568	46.17			100.37	
12-40-00	'MEZ	53569	11.61	40.39		99.86	*
18-46-00	'DAP	53570	16.67	44.89		96	
00-00-60	'MP	53571			60.57	100.95	
00-00-60	'MP	53572			60.33	100.55	
18-46-00	'DAP	53573	18.05	46.36		100.62	
00-00-50	'SP	53574			49.58	99.16	
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Pleasant View Agri-Service Auburn ,KY							
18-18-18		54752	18.12	18.23	17.22	100.97	
18-18-18		54753	17.96	18.3	16.73	100.75	*
18-18-18		54755	17.32	17.39	18.5	99.36	
18-18-18		54756	17.96	17.46	18.02	100.31	
19-20-13		54767	19.26	20.96	12.69	99.9	
18-18-18		54768	17.12	19.15	17.24	100.35	
<hr/>							
Pro Ag Sales & Service - Danville Danville ,KY							
10-20-20	'Pro Ag	52295	10.38	19.82	<b>18.55</b>	98.25	
12-12-12	'Pro Ag	52296	12.52	11.44	11.40	98.85	
19-19-19	'Pro Ag	52297	19.60	18.87	19.70	101.98	
12-12-12	'Pro-Ag 12-12-12	52337	11.95	11.57	11.86	98.31	
19-19-19	'19-19-19	53215	18.30	18.78	20.40	100.03	
10-10-10	'10-10-10	53216	10.05	10.58	10.71	104	
19-19-19	'Pro Ag	53630	19.07	20.39	19.27	102.99	
7-20-20	'Pro Ag	53631	7.03	<b>17.48</b>	19.26	93.02	

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
46-00-00	'Urea	53751	46.20			100.43	
00-00-60	'MOP	53752			59.55	99.25	
21-00-00	'AS	53753	20.88			99.43	*
44-00-00	'ESN	53754	44.98			102.23	
19-19-19	'19-19-19	53772	18.87	18.19	19.33	98.74	
10-10-10	'10-10-10	53773	10.68	10.6	9.82	104.3	
19-19-19	'Pro Ag	54368	19.32	19.56	19.1	101.81	
10-10-10	'Pro Ag	54369	10.61	10.16	10.61	104.58	
19-19-19	'Pro Ag	54403	18.19	19.7	20.06	100.97	
10-10-10	'Pro Ag	54404	<b>9.04</b>	9.75	9.45	93.86	
19-18-20		54588	18.23	17.49	19.23	97.07	
27-00-00		54589	27.66			101.8	*
23-00-30		54590	22.30		29.69	97.87	
27-00-00		54591	28.05			103.24	*
27-00-00		54592	29.24			107.62	*
27-00-00		54593	28.53			105.01	*
19-19-19		54594	18.51	18.59	18.73	97.92	
25-15-15		54595	24.44	14.15	14.55	98	
11-19-25		54596	11.11	20.68	24.63	102.11	*
11-19-25		54597	10.53	20.33	24.06	99.25	*
10-10-10	'Pro Ag	54957	10.27	9.25	10.83	100.71	
10-20-20	'Pro Ag	54958	9.60	19.03	20.45	97.67	
19-19-19	'Pro Ag	54959	18.64	18.47	19.98	99.63	
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Pro Solutions - Crofton Crofton ,KY							
8-22-29		52523	7.41	21.35	29.25	98.34	*
6-16-21		52524	6.22	17.52	21.32	105.87	*
6-16-21		52525	5.93	16.67	21.3	102.74	*
6-16-21		52526	5.99	17.18	21.51	104.65	*
6-16-21		52527	6.12	16.88	21.33	103.92	*
6-16-21		52528	6.35	17.36	21.09	105.41	*
6-16-21		52529	6.27	17.16	22.28	106.95	*
6-16-21		52530	5.97	15.81	20.78	99.62	*
6-16-21		52531	5.93	16.9	20.71	102.19	*
8-21-32		53875	8.04	20.84	31.95	98.18	
8-21-32		53876	8.02	21.04	32.16	98.78	
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Pro Solutions - Springfield Springfield ,TN							
18-46-00	'DAP	52343	17.79	45.88		99.45	

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	52344	17.92	46.12		100.04	
00-00-60	'MP	52345			59.14	98.57	
46-00-00	'Urea	53005	45.97			99.93	
18-46-00	'DAP	53006	17.64	45.61		98.78	
00-00-60	'MP	53007			59.34	98.9	
12-40-00	'MES Z	53008	<b>10.96</b>	38.92		95.72	*
00-00-60	'MP	53009			60.74	101.23	
18-46-00	'DAP	53010	17.83	45.91		99.57	
46-00-00	'Urea	53011	46.11			100.24	
12-40-00	'MES Z	53641	11.40	40.54		99.67	*
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Reliance Ag - Russellville Russellville ,KY							
8-21-24		52481	8.29	21.8	24.12	100.14	*
8-21-24		52482	8.63	21.32	23.99	99.78	*
8-21-24		52483	8.79	22.6	24.38	103.34	*
8-21-24		52567	8.39	21.22	25.43	101.2	*
8-21-24		52568	8.56	21.78	24.15	100.8	*
10-26-26		52569	10.10	25.57	27.74	101.45	
10-25-27		53824	9.91	26.29	26.44	100.85	
10-25-27		53825	9.94	25.87	26.53	100.3	
10-25-27		53826	9.99	26.64	26.24	101.35	
9-23-30		53827	8.91	23.78	29.45	100.44	
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Reliance Ag - Trenton Trenton ,KY							
10-26-27		52715	9.67	24.7	27.22	98.55	
10-26-27		52716	9.62	24.99	27.22	98.96	
10-26-27		52717	9.65	25.74	26.02	98.77	
10-26-27		52718	9.68	24.84	26.98	98.51	
10-26-27		52719	9.74	25.95	25.8	99.03	
10-26-27		52720	9.27	24.36	27.47	97.46	
10-26-27		52721	9.76	25.01	26.73	98.64	
10-26-27		52722	9.56	25.19	26.78	98.61	
10-26-27		52723	9.18	24.48	27.16	97.08	
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Rip's Farm Center - Tollesboro Tollesboro ,KY							
19-19-19	'Rips Farm Center	53859	18.05	20.13	19.48	100.64	
10-10-10	'Rips Farm Center	53860	10.78	11.47	9.54	106.92	
6-15-20		54687	6.22	15.7	19.19	100.03	
19-19-19		54688	19.65	20.1	18.26	100.38	
7-18-18		54689	7.34	18.81	17.89	101.82	

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
28-13-13		54690	28.08	13.16	13.25	100.47	
10-26-26		54691	10.42	25.93	25.82	100.01	
19-19-19		54692	19.57	18.94	20.16	100.74	
2-6-8		54693	2.77	6.25	8.26	101.35	
20-00-33		54694	19.78		34.29	99.9	
19-19-19		54695	19.36	19.68	19.98	101.35	
19-19-19		54696	20.27	18.75	19.15	100.51	
21-00-00	'AS	54697	21.21			101	*
12-12-12	'Rips Farm Center	54698	12.03	13.01	11.91	102.75	
11-52-00	'MAP	54700	11.44	50.81		98.98	
00-00-60	'MP	54701			59.97	99.95	
18-46-00	'DAP	54702	17.29	46.6		99.63	
00-00-50	'SP	54703			50.4	100.8	
46-00-00	'Urea	54704	46.04			100.09	
19-19-19	'Rips Farm Center	54705	18.93	18.88	17.91	98.15	
19-19-19	'Rips Farm Center	54710	18.32	18.43	18.92	97.43	
10-10-10	'Rips Farm Center	54711	10.62	10.4	9.87	103.51	
19-19-19	'Rips Farm Center	54712	18.63	19.06	18.91	99.2	
12-12-12	'Rips Farm Center	54713	12.65	12.68	11.89	103.86	
00-00-60	'MP	54714			59.28	98.8	
46-00-00	'Urea	54715	46.16			100.35	
18-46-00	'DAP	54716	17.64	46.19		99.64	
10-10-10	'Rip s Farm Center	54960	11.29	11.92	11.87	116.53	
19-19-19	'Rip s Farm Center	55026	18.68	19.90	19.6	101.74	
12-12-12	'Rip s Farm Center	55079	11.34	12.87	11.87	99.95	
19-19-19	'Rip s Farm Center	55080	18.62	20.11	<b>17.71</b>	99.41	
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Rogers Fertilizer & Services LLC Lebanon ,KY							
46-00-00	'Urea	53386	46.18			100.39	
00-00-60	'MOP	53387			60.73	101.22	
6-15-40		54801	5.66	14.79	40.40	99.05	
28-12-15		54802	27.00	10.84	18.13	102.05	
27-10-13		54803	26.39	10.47	13.72	100.12	*
18-18-18		54804	17.76	17.99	17.9	98.51	
4-10-20		54805	4.13	9.95	20.05	100.11	
4-10-20		54806	3.96	10.06	18.55	95.99	
31-00-20		54807	30.29		20.04	99.19	
24-14-18		54808	23.83	13.48	18.32	99.92	

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		54809	22.73	21.86	<b>13.42</b>	103.31	
18-18-23		54810	17.32	17.25	22.92	98.54	
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Scotts Miracle-Gro Products Inc Marysville ,OH							
12-4-8	'Miracle Gro All Purpose Plant Food Liquid	53652	12.22	4.21	8.1	102.25	*
24-8-16	'Miracle Gro All Purpose Plant Food	53653	24.25	8.5	16.86	102.98	*
24-8-16	'Miracle Gro All Purpose Plant Food	53788	25.98	7.98	<b>14.64</b>	102.66	*
24-8-16	'Miracle-Gro All Purpose	53861	24.94	7.68	16.82	102.93	*
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Security Seed & Chemical Henderson ,KY							
32-00-00		55088	31.81			100.95	*
32-00-00	'UAN 32-0-0	55089	31.66			98.94	
32-00-00	'32-0-0 + Contain	55090	31.86			99.56	
32-00-00	'UAN 32-0-0	55120	31.75			99.22	
32-00-00	'UAN 32-0-0	55121	31.77			99.28	
31-00-00		55122	31.59			102.8	*
32-00-00	'UAN 32-0-0	55123	32.14			100.44	
32-00-00	'UAN 32-0-0	55124	31.72			99.12	
32-00-00		55125	31.90			100.25	
32-00-00		55126	31.70			99.97	
32-00-00		55127	31.99			100.53	
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Security Seed & Chemical - Clarksville Clarksville ,TN							
9-23-30		52516	9.29	24	<b>28.02</b>	99.76	
9-23-30		52517	9.24	22.74	29.99	100.03	
18-46-00	'DAP	53664	17.62	45.15		98.07	
9-23-30	'9-23-30	53665	8.92	21.83	30.81	98.87	
00-00-60	'MP	53666			58.85	98.08	
9-23-30		54168	9.52	24.54	28.66	101.99	
9-23-30	'9-23-30	54320	8.587	22.14	31.82	100.08	
4-5-0	'Charger + with Moly	54467	5.44	6.01	1.76	136.39	*
32-00-00	'UAN	54470	31.88			99.62	
9-23-30	'9-23-30	54820	8.66	23.12	29.76	99.17	
32-00-00	'32% UAN	54898	31.83			99.47	
9-23-30	'9-23-30	55009	8.81	22.9	30.03	99.46	
32-00-00	'32% UAN	55020	31.64			98.88	
00-00-2	'Corsair Micro Nexus	55021			2.86	143	*
00-2-1	'Desperado Micro Nexus	55022		2.30	1.17	115.55	*
1-00-00	'Strive 1-0-0	55023	1.38			138	
9-23-30	'9-23-30	55027	9.08	24.15	31.88	104.73	

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>
Seventy Feeds LLC Eubank ,KY							
46-00-00	'Urea	53108	45.66			99.26	
46-00-00	'Urea	53109	45.93			99.85	
18-46-00	'DAP	53110	17.72	46.62		100.42	
00-00-60	'MOP	53111			60.71	101.18	
South Central Farm Supply Gamaliel ,KY							
00-00-60	'MOP	52929			59.59	99.32	
18-46-00	'DAP	52930	18.07	45.58		99.5	
46-00-00	'Urea	52931	46.04			100.09	
46-00-00	'Urea	52932	46.04			100.09	
00-00-50	'SOP	52933			49.91	99.82	
28-12-15		53927	28.60	11.26	14.7	101.51	
28-12-15		53928	28.44	10.81	15.33	101.23	
28-12-15		53929	28.56	10.97	14.83	101.09	
21-15-20		53930	21.91	14.92	20.19	100.76	
18-18-18		53931	18.76	16.77	18.53	101.64	
28-12-15		53932	27.41	10.75	16.51	100.54	
28-12-15		53933	28.66	10.78	16.06	102.65	
28-12-15		53934	28.73	11.01	15.07	101.85	
28-12-15		53935	28.22	10.77	15.92	101.5	
28-12-15		53936	28.61	11.06	15.52	102.3	
Southern FS Inc - Hickman Hickman ,KY							
12-31-19		54883	12.28	32.52	18.63	101.25	
12-31-19		54884	12.28	32.00	18.66	100.43	
12-31-19		54885	12.47	32.86	17.88	101.23	
9-22-29		54886	8.81	22.87	28.26	101.42	*
9-22-29		54887	8.72	21.96	29.12	100.76	*
9-22-29		54888	8.43	22.47	30.11	100.69	*
32-00-00		55005	32.17			101.61	*
32-00-00		55006	32.60			102.97	*
9-19-30		55007	10.36	19.16	29.18	101.28	*
9-19-30		55008	10.07	20.13	30.69	104.63	*
Southern FS, INC Marion ,IL							
00-00-60	'MP	54523			59.84	99.73	
18-46-00	'DAP	54524	17.76	46.87		100.86	
34-00-00	'AN	54525	34.25			100.74	
34-00-00	'AN	54526	34.29			100.85	
00-00-60	'MP	54527			59.54	99.23	

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>
21-00-00 'AS		54528	20.48			97.52	*
18-46-00 'DAP		54529	17.54	46.18		99.45	
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Southern States - Bowling Green Bowling Green ,KY							
20-31-10		53474	19.29	32.04	10.03	101.52	
21-15-20		53475	22.69	15.32	19.58	102.3	
32-11-10		53476	30.83	11.88	10.34	100.69	
22-15-20		53477	21.97	15.86	18.84	100.74	
19-19-19		53478	19.44	20.03	19.19	101.06	
21-15-20		53479	21.41	15.38	19.41	99.45	
22-15-20		53480	21.99	15.91	18.64	100.6	
20-23-15		53481	21.33	26.78	<b>10.21</b>	101.85	
19-19-19		53482	18.70	19.01	18.68	101.03	
19-19-19		53483	19.62	20.73	18.26	101.41	
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Southern States - Cadiz Cadiz ,KY							
9-24-28		52388	9.02	22.66	29.7	100.09	
9-24-28		52389	9.46	23.91	29.22	102.64	
10-26-26		52390	10.16	25.83	27.05	100.93	
11-28-22		52443	11.13	27.91	22.4	100.32	*
11-28-22		52444	11.11	28.63	23.26	102.39	*
10-25-25		52469	9.71	25.81	26.87	102.45	*
10-25-26		52470	9.91	25.32	26.9	101.6	*
10-25-26		52471	9.71	25.29	26.03	99.84	*
26-15-15		53881	26.19	14.93	14.25	100.69	
7-17-14		54363	6.75	17.36	14.24	101.36	*
7-17-14		54364	6.66	17.27	14.61	101.6	*
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Southern States - Calhoun Calhoun ,KY							
9-23-30		54889	9.16	23.87	29.55	101.26	
9-23-30		54890	8.77	24.12	29.79	101.2	
9-23-30		54894	9.05	23.99	29.14	100.69	
6-15-40		54896	5.95	14.84	40.86	100.2	
9-23-30		54962	9.40	23.92	28.77	100.8	
6-15-40		55066	6.12	15.09	39.76	99.68	*
6-15-40		55067	5.79	15.06	39.37	98.39	*
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Southern States - Campbellsville Campbellsville ,KY							
19-19-19		53524	19.20	19.88	18.35	101.19	
19-19-19		53747	18.92	20.21	19.19	100.33	
19-19-19		53748	19.19	19.71	19.63	100.61	

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
32-00-14		54043	31.83		14.51	99.61	*
19-20-19		54852	18.87	19.43	20.39	100.23	
21-15-13		54853	20.65	14.69	12.9	99.3	*
21-15-13		54855	20.97	14.4	13.11	99.81	*
21-15-20		54856	21.28	15.21	20.2	99.95	
25-17-14		54857	24.93	16.94	13.08	98.55	
25-17-15		54910	24.05	17.24	14.45	99.45	
8-20-33		54911	8.60	21.09	32.01	100.64	
8-20-33		54912	8.19	20.65	32.45	99.57	
35-1-00		54913	34.27	1.06		99.36	*
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Southern States - Carlisle Carlisle ,KY							
7-7-7		54283	6.66	6.66	6.51	100.4	
19-19-19		54284	19.16	19.39	19.13	99.32	
30-12-12		54285	30.08	11.67	12.02	100.73	
30-12-12		54286	30.26	10.97	11.46	99.11	
23-00-30		54287	22.76		29.92	99.31	
20-14-18		54680	19.15	13.71	18.37	97.77	
19-19-19		54681	19.23	19.58	19.01	99.58	
15-15-15		54682	15.66	15.51	14.8	100.74	
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Southern States - Cynthiana Cynthiana ,KY							
00-00-45		53370			45.67	100.95	*
4-11-45		53964	39.3	11.07	<b>0.80</b>	114.46	*
34-00-15		53965	34.77		14.39	99.72	
26-00-26		53966	26.21		24.98	98.72	
36-0-00		53967	36.57	0.38		101.21	*
34-20-00		53968	32.75	20.87		99.12	
34-00-15		53969	35.65		14.4	101.75	
34-0-6		53971	34.15	0.14	5.76	100.64	*
34-00-15		53972	33.88		14.68	98.31	*
3-0-48		53974	4.38	0.31	47.2	101.72	*
3-0-48		53975	4.34	0.21	47.96	102.97	*
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Southern States - Elizabethtown Elizabethtown ,KY							
19-19-19		54456	19.05	19.48	19.99	100.37	
9-00-48		54457	10.23		47.57	101.88	
27-14-14		54458	27.92	13.58	13.05	100.54	
26-00-26		54459	26.19		<b>24.47</b>	98	
10-16-16		54460	10.14	16.27	16.68	104.32	

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		54461	19.35	19.33	19.66	100.3	
23-21-14		54462	22.27	21.43	13.33	99.37	
10-26-26		54463	9.96	27.34	25.06	100.47	
27-14-14		54464	27.47	13.97	13.27	100.55	
19-19-19		54465	18.21	18.44	19.48	98.72	
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Southern States - Elkton Elkton ,KY							
8-21-26		52484	7.96	20.27	27.78	99.27	*
8-21-26		52485	8.88	21.57	26.68	102.35	*
8-21-26		52486	8.68	20.5	26.26	99.16	*
10-25-27		52507	9.74	25.25	26.99	99.75	
10-25-27		52508	9.92	25.21	27.68	100.95	
10-25-27		52509	10.19	25	28.01	101.57	
10-25-27		52510	10.09	25.67	27.77	102.23	
17-00-33		53297	17.25		33.32	100.96	*
27-11-15		53298	26.23	11.31	14.41	99.34	*
27-11-15		53299	25.92	11.57	14.95	99.9	*
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Southern States - Eminence Eminence ,KY							
19-19-19		53592	19.11	19.28	19.21	99.12	
19-19-19		54033	19.47	19.09	19.18	99.51	
17-19-22		54034	17.85	19.65	21.1	100.3	
14-16-28		54035	14.76	15.85	27.57	98.99	
34-8-10		54297	33.54	8.04	9.58	99.81	
8-21-20		54298	7.99	20.29	20.21	97.98	
19-12-25		54613	18.73	11.94	24.89	98.3	
19-12-25		54614	19.08	12.31	24.36	99	
15-13-30		54615	14.61	13.37	29.17	98.44	
19-19-19		54616	18.75	20.11	19.34	99.99	
34-8-10		54617	32.61	8.47	9.87	98.98	
17-16-25		54618	17.13	15.7	24.6	99.28	
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Southern States - Flemingsburg Flemingsburg ,KY							
25-9-20		54923	25.25	8.77	19.4	98.85	
25-9-20		54924	25.20	8.7	19.56	98.98	
26-9-13		54925	25.56	8.55	12.95	99.35	*
26-9-13		54926	26.12	8.67	12.87	100.83	*
26-5-15		54927	25.86	5.25	14.37	100.28	*
26-5-15		54928	25.26	5.25	14.88	99.59	*
38-00-00		54929	<b>36.00</b>			95.57	*

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>
4-11-18		54930	4.64	10.93	17.83	102.47	
10-26-26		54931	10.62	26.91	25.64	101.89	
26-9-13		54932	25.75	8.73	13.01	100.27	*
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Southern States - Franklin Franklin ,KY							
12-30-17		52479	11.78	30.19	17.09	101.47	*
12-30-17		52480	12.27	29.98	17.53	102.71	*
11-27-20		52570	10.84	27.95	20.74	102.11	*
8-21-24		52571	8.58	21.51	25.78	102.62	*
8-21-24		52572	8.74	22.26	24.49	102.57	*
8-21-24		52573	8.55	23.12	24.18	103.39	*
8-21-24		52574	8.41	21.71	25.93	102.85	*
11-27-20		52575	10.31	27.17	21.75	100.93	*
11-27-20		52576	10.32	27.08	21.3	100.18	*
10-26-22		52577	9.75	25.09	22.81	99.4	*
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Southern States - Georgetown Georgetown ,KY							
42-0-00		54476	42.27	0.35		101.44	*
4-10-46		54477	4.41	10.78	<b>44.03</b>	98.05	*
28-00-24		54478	27.78		23.25	99.3	
34-00-15		54479	33.33		15.73	98.41	
28-00-24		54480	27.19		24.71	100.11	
14-16-29		54481	14.22	16.07	28.66	100.19	
33-00-17		54482	32.24		16.81	98.1	
42-0-00		54483	40.61	0.35		97.48	*
17-9-30		54484	16.79	9.15	28.92	97.47	*
34-00-15		54485	33.89		15.51	99.36	
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Southern States - Glasgow Glasgow ,KY							
19-19-19		53413	19.27	19.92	19.64	101.14	
34-8-10		53414	32.44	8.22	11.06	99.81	
27-14-14		53485	27.36	14.32	12.89	100.45	
25-14-16		53486	25.30	13.97	15.86	100.12	
19-19-19		53487	18.69	20.18	19.68	100.42	
19-19-19		53488	18.63	19.51	20.91	100.8	
27-14-14		53489	26.14	13.82	14.88	99.69	
19-19-19		53490	20.02	20.00	18.56	101.4	
15-15-15		53491	14.56	15.59	14.33	99.98	*
25-13-17		53492	24.96	13.27	16.85	100.07	
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Southern States - Hardinsburg Hardinsburg ,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>
17-14-27		54428	16.48	13.95	27.14	99.7	
24-16-16		54429	23.87	16.7	16.89	101.95	
6-16-39		54430	5.91	16.18	38.89	99.71	*
19-20-19		54431	18.42	21.51	19.87	102.14	
23-00-23		54432	23.45		22.65	99.62	*
24-16-16		54433	24.00	16.81	16.71	102.35	
8-20-34		54434	7.79	20.47	33.11	99.8	
19-19-19		54435	19.08	20.18	19.89	101.59	
9-24-29		54436	9.14	23.57	29.59	100.28	
24-16-16		54437	23.65	16.42	16.4	100.68	
8-21-33		54438	8.16	21.59	31.75	99.87	
8-21-33		54439	7.85	20.03	32.78	97.83	
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Southern States - Harrodsburg Harrodsburg ,KY							
28-12-15		54303	27.54	10.63	15.35	99.01	
22-00-32		54304	21.03		31.06	97.4	
1-00-58		54305	1.37		57.07	98.12	
24-3-9		54981	24.08	3.19	8.38	99.03	*
24-10-20		54982	24.25	9.99	20	99.17	
24-10-20		54983	24.32	10.46	19.6	99.62	
23-00-30		54984	23.11		29.36	99.29	
24-3-9		54985	24.04	3.09	8.82	99.52	*
24-3-9		54986	23.81	2.96	8.81	98.45	*
8-12-30		54987	8.83	12.17	28.75	99.83	*
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Southern States - Henderson Henderson ,KY							
10-25-28		52724	9.56	24.5	27.3	98.91	
9-23-30		52725	8.87	22.03	30.3	98.61	
9-23-30		52726	9.12	22.87	29.26	99.13	
9-23-30		52727	8.47	22.75	29.91	98.47	
11-18-24		54745	11.02	18.1	24.87	100.07	*
11-19-24		54746	11.30	18.88	24.32	100.91	*
11-18-24		54747	10.97	17.76	24.27	98.32	*
11-18-24		54748	10.85	18.26	23.87	98.39	*
11-19-25		54749	10.26	18.52	25.06	97.38	*
11-18-24		54750	10.82	18.1	23.8	97.97	*
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Southern States - Hodgenville Hodgenville ,KY							
17-17-23		54255	17.32	17.61	23.35	100	
19-19-19		54256	19.62	19.09	19.23	99.89	

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>
16-12-24		54257	16.19	11.42	25.06	101.67	*
27-8-8		54258	26.66	7.77	7.82	98.67	*
10-26-26		54259	10.12	25.52	26.14	99.07	
9-23-30		54260	8.78	21.87	31.76	99.96	
29-9-15		54261	28.32	9.31	15.83	100.21	
20-13-19		54262	19.74	12.72	18.69	99.51	*
19-12-19		54263	18.95	11.56	17.54	98.62	*
18-25-17		54264	17.50	25.71	16.82	100.33	
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Southern States - Hopkinsville Hopkinsville ,KY							
9-22-26		52532	8.73	22.24	26.68	100.59	*
9-23-26		52533	8.75	22.58	25.35	99.12	*
9-23-25		52534	8.73	22.43	25.23	98.64	*
19-19-19		53867	20.08	19.61	18.47	100.7	
19-19-19		53868	19.53	19.78	19.05	100.63	
21-10-19		53869	22.44	9.57	18.52	102.02	*
9-24-26		53870	9.56	23.63	26.99	101.67	*
9-24-26		53871	9.83	24.8	25.36	102.01	*
19-19-19		53872	18.72	18.98	20.89	100.04	
29-10-10		53873	29.74	10.34	10.06	101.26	*
17-16-21		53874	17.05	15.94	20.18	99.8	*
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Southern States - Horse Cave Horse Cave ,KY							
19-19-19		54117	19.25	19.25	19.36	99.55	
19-19-19		54118	18.63	18.67	19.84	99.55	*
27-30-00		54119	26.58	29.37		97.18	
39-11-00		54120	38.72	11.28		99.42	
19-19-19		54121	18.84	18.88	20.01	98.94	
23-00-30		54122	22.87		30.79	100.82	
19-19-19		54123	19.15	19.1	20.27	100.34	
28-13-13		54124	27.88	12.75	13.04	99.14	
19-19-19		54125	18.57	18.86	20.71	99.26	
19-19-19		54126	18.91	19.56	19.5	99.56	
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Southern States - Liberty Liberty ,KY							
19-19-19		54220	19.00	19.56	19.16	99.32	
19-19-19		54221	19.04	19.1	20.22	100.02	
19-19-19		54222	18.93	18.95	18.74	100.53	
19-19-19		54223	18.98	20.07	19.35	100.42	
19-19-19		54224	19.04	19.50	20.79	101.48	

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		54225	19.47	20.17	18.46	100.41	
19-19-19		54226	19.27	18.48	19.93	98.99	
22-11-23		54227	21.82	10.63	23.66	100.77	
26-12-17		54565	25.14	11.93	17.91	100.31	
24-15-16		54567	23.61	15.88	17.23	101.13	
<b>Southern States - London London ,KY</b>							
19-19-19		53234	19.36	19.17	19.78	100.21	
10-20-20	'BG 10-20-20	53516	10.14	20.51	20.68	102.54	
10-10-10	'BG10-10-10	53517	11.03	11.03	9.78	107.06	
15-10-10		53518	15.64	10.12	9.95	102.66	
12-23-23		53519	11.51	22.62	24.36	99.79	
4-4-4		53520	3.76	3.88	3.71	99.67	
10-20-20		53521	12.20	24.27	24.34	121.63	
19-19-19		53836	18.92	19.47	19.46	99.39	
19-19-19		53837	18.79	19.54	19.65	99.51	
19-19-19		53838	19.18	19.46	19.4	99.83	
9-23-25		55049	8.77	22.44	24.82	99.05	*
14-13-26		55050	14.64	13.13	25.57	100.48	
<b>Southern States - Maysville Maysville ,KY</b>							
36-00-13		54653	35.25		13.97	99.73	
28-13-14		54654	27.28	13.31	13.68	99.67	
33-00-17		54655	32.47		16.31	97.89	
19-19-19		54656	19.20	18.49	20.21	99.32	
28-7-18		54657	27.34	7.46	17.95	99.33	
28-13-13		54672	27.76	13.14	12.99	99.37	
5-13-43		54673	4.97	13.94	41.76	99.53	
25-10-12		54674	24.85	9.64	11.96	99.46	*
22-0-6		54675	22.31	0.69	6.75	103.15	*
22-0-6		54676	22.05	0.66	6.81	102.21	*
<b>Southern States - Morganfield Morganfield ,KY</b>							
7-17-37		52638	6.90	17.41	36.7	99.35	
7-17-37		52643	6.60	16.14	37.99	98.26	
7-17-23		52644	7.40	18.44	23.06	104.98	
7-17-23		52645	7.21	18.04	23.58	104.31	
7-17-23		52646	7.29	18.24	24.02	105.78	
6-16-21		52676	6.81	17.11	21.49	105.66	
6-16-21		52677	6.67	16.44	22.03	105.12	

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>
6-16-21		52678	6.67	17.15	21.54	105.48	
6-14-25		52679	5.81	14.71	25.2	102.91	*
6-14-25		52680	5.86	14.86	26.62	105.78	*
6-14-25		52681	5.83	14.23	26.32	104.13	*
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Southern States - Nicholasville Nicholasville ,KY							
23-00-26		55031	21.56		28.48	104.43	
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Southern States - Owensboro Owensboro ,KY							
10-22-28		52557	9.90	23.42	28.64	104.46	*
10-22-28		52592	9.57	22.9	28.02	101.92	*
7-11-29		54831	7.51	10.61	29.11	98.76	*
22-8-16		54832	21.05	8.5	15.4	97.6	*
8-13-25		54833	8.77	12.74	25.72	102.37	*
8-19-35		54834	7.40	19.26	34.74	99.34	
8-19-35		54835	7.65	19.39	34.04	99.14	
8-19-35		54836	8.20	19.96	34.91	102.58	
4-0-14		54891	4.80	0.56	14.49	111.03	*
4-0-14		54892	4.13	0.19	14.55	103.86	*
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Southern States - Owenton Owenton ,KY							
38-11-00		54938	37.48	11.7		99.64	
33-00-17		54939	32.41		17.79	99.93	
10-00-17		54940	10.86		17.07	102.36	
10-00-17		54941	11.04		17.58	104.76	
16-12-24		54942	15.92	13.19	24.01	102.73	*
10-00-17		54943	10.76		17.15	103.8	
11-00-17		54944	11.11		17.37	105.24	
6-15-39		54951	5.76	14.44	39.36	100.13	*
6-15-39		54952	5.79	14.46	40.58	102.1	*
6-16-37		54953	6.26	15.84	38.53	102.51	*
<hr/>							
Southern States - Owingsville Owingsville ,KY							
8-21-33		54269	8.08	21.34	32.37	100.06	
8-21-33		54270	8.07	20.58	33.44	100.15	
19-19-19		54271	18.87	20.12	19.32	100.23	
19-19-19		54272	19.21	19.51	19.58	100.19	
19-19-19		54273	18.91	19.95	19.63	100.42	
19-19-19		54274	19.14	18.86	20.11	99.63	
3-8-49		54275	3.28	8.14	49.84	101.46	*
19-19-19		54276	18.18	18.58	19.57	100.03	

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>
40-4-5		54277	39.78	4.07	5.27	100.7	
19-19-19		54282	19.14	19.41	19.19	99.35	
<hr/>							
Southern States - Richmond Richmond ,KY							
22-11-22		54173	22.75	12.21	22.07	102.99	
23-00-30		54265	23.45		28.86	99.33	
19-19-19		54988	19.12	19.42	18.37	98.25	
19-19-19		54989	18.99	18.6	19.06	97.47	
9-23-30		55010	8.92	23.99	29.13	100.4	
<hr/>							
Southern States - Richmond VA Richmond ,VA							
00-00-50 'SP		52300			49.74	99.48	
00-00-60 'MP		52301			60.46	100.77	
18-46-00 'DAP		52328	17.82	46.12		99.86	
18-46-00 'DAP		52329	17.65	45.47		98.6	
00-00-60 'MOP		52330			60.72	101.2	
00-00-60 'MOP		52347			59.11	98.52	
00-00-60 'MOP		52348			59.38	98.97	
18-46-00 'DAP		52349	17.71	45.17		98.26	
18-46-00 'DAP		52350	17.7	46.63		100.41	
18-46-00 'DAP		52351	17.75	45.74		99.18	
18-46-00 'DAP		52352	17.77	45.67		99.11	
00-00-60 'MOP		52353			60.77	101.28	
00-00-60 'MOP		52354			60.71	101.18	
00-00-22 'K-Mag		52355			22.91	104.14	*
00-00-22 'K-Mag		52372			22.58	102.64	*
18-46-00 'DAP		52373	17.89	45.84		99.57	
18-46-00 'DAP		52374	17.94	46.62		100.82	
18-46-00 'DAP		52375	17.88	46.25		100.16	
18-46-00 'DAP		52376	17.86	45.6		99.16	
00-00-60 'MOP		52377			59.65	99.42	
00-00-60 'MOP		52378			59.64	99.4	
00-00-60 'MP		52384			59.91	99.85	
18-46-00 'DAP		52385	17.98	46.77		101.11	
00-00-60 'MP		52391			59.99	99.98	
00-00-60 'MP		52392			58.84	98.07	
18-46-00 'DAP		52393	17.90	46.8		101.02	
46-00-00 'Urea		52418	46.02			100.04	
00-00-60 'MOP		52419			61.38	102.3	

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
18-46-00	'DAP	52538	17.86	45.22		98.59	
18-46-00	'DAP	52539	17.81	45.96		99.61	
18-46-00	'DAP	52540	17.79	46.01		99.65	
18-46-00	'DAP	52541	17.75	46.07		99.67	
00-00-60	'MP	52542			60.56	100.93	
00-00-60	'MP	52543			58.99	98.32	
00-00-60	'MP	52544			60.34	100.57	
00-00-60	'MP	52547			59.14	98.57	
21-00-00	'AS	52548	21.09			100.43	*
00-00-60	'MP	52549			<b>58.47</b>	97.45	
00-00-60	'MP	52550			59.04	98.4	
18-46-00	'DAP	52551	17.68	45.59		98.83	
00-00-60	'MP	52552			59.22	98.7	
21-00-00	'AS	52553	21.07			100.33	*
00-00-60	'MP	52554			59.06	98.43	
00-00-60	'MP	52555			59.36	98.93	
00-00-60	'MOP	52559			60.43	100.72	
20-00-00	'AMS	52560	20.45			99.76	*
20-00-00	'AMS	52561	20.30			99.02	*
20-00-00	'AMS	52562	20.84			101.66	*
00-46-00	'TSP	52593		46.42		100.91	
18-46-00	'DAP	52594	17.86	45.99		99.74	
00-46-00	'TSP	52595		46.41		100.89	
21-00-00	'AS	52596	20.80			99.05	*
00-00-60	'MP	52597			59.00	98.33	
00-00-60	'MP	52598			59.13	98.55	
00-00-60	'MP	52599			60.44	100.73	
00-00-60	'MP	52605			59.94	99.9	
00-00-60	'MP	52606			60.23	100.38	
18-46-00	'DAP	52607	18.06	46.49		100.83	
18-46-00	'DAP	52608	17.74	45.89		99.38	
00-00-60	'MP	52625			60.77	101.28	
18-46-00	'DAP	52626	18.01	46.33		100.51	
18-46-00	'DAP	52627	17.68	45.97		99.4	
18-46-00	'DAP	52634	18.05	46.68		101.1	
11-52-00	'MAP	52635	10.85	52.03		99.77	
00-00-60	'MP	52637			59.29	97.45	

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>
00-00-50	'SOP	52857			50.94	101.88	
00-00-60	'MOP	52858			60.90	101.5	
00-00-60	'MOP	52859			59.57	99.28	
18-46-00	'DAP	52860	17.86	46.02		99.78	
18-46-00	'DAP	52861	18.01	46.1		100.17	
46-00-00	'Urea	52862	46.00			100	
18-46-00	'DAP	52875	17.57	46.49		99.96	
46-00-00	'Urea	52876	46.10			100.22	
18-46-00	'DAP	52877	18.14	46.34		100.75	
18-46-00	'DAP	52878	18.09	46.52		100.93	
00-00-60	'MOP	52879			59.79	99.65	
00-00-60	'MOP	52880			59.43	99.05	
00-00-60	'MOP	52881			60.12	100.2	
00-00-50	'SOP	52882			50.91	101.82	
18-46-00	'DAP	52883	18.00	46.63		100.93	
18-46-00	'DAP	52884	18.04	46.79		101.24	
18-46-00	'DAP	52885	17.87	46.12		99.95	
46-00-00	'Urea	52886	46.13			100.28	
46-00-00	'Urea	52887	45.90			99.78	
46-00-00	'Urea	52888	46.01			100.02	
00-00-22	'K-Mag	52934			21.59	98.14	*
46-00-00	'Urea	52935	45.94			99.87	
00-00-60	'MOP	52936			59.14	98.57	
18-46-00	'DAP	52937	17.65	47.18		101.13	
18-46-00	'DAP	52938	17.86	47.23		101.57	
46-00-00	'Urea	52939	46.16			100.35	
46-00-00	'Urea	52940	46.17			100.37	
21-00-00	'AS	52941	20.96			99.81	*
00-00-60	'MOP	52942			59.45	99.08	
18-46-00	'DAP	52943	18.09	46.34		100.66	
00-00-60	'MOP	52944			59.03	98.38	
00-00-60	'MOP	52945			61.60	102.67	
46-00-00	' Urea	52946	45.99			99.98	
46-00-00	'Urea	52979	46.12			100.26	
18-46-00	'DAP	52980	18.19	45.15		99.08	
00-00-60	'MOP	52981			59.43	99.05	
00-00-60	'MOP	52999			59.17	98.62	

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	53000			60.52	100.87	
00-00-60	'MOP	53001			60.51	100.85	
21-00-00	'AMS	53002	21.18			100.86	*
18-46-00	'DAP	53003	17.66	45.53		98.7	
46-00-00	'Urea	53004	45.85			99.67	
00-00-60	'MOP	53043			59.65	99.42	
00-00-60	'MOP	53044			59.96	99.93	
18-46-00	'DAP	53045	18.11	45.09		98.85	
18-46-00	'DAP	53046	17.53	44.88		97.51	
18-46-00	'DAP	53047	17.69	45.04		98.03	
18-46-00	'DAP	53048	18.03	44.93		98.47	
46-00-00	'UREA	53049	46.01			100.02	
00-00-60	'MOP	53059			60.31	100.52	
18-46-00	'DAP	53060	17.89	45.54		99.12	
18-46-00	'DAP	53061	18.22	46.18		100.66	
18-46-00	'DAP	53062	17.50	45.38		98.2	
18-46-00	'DAP	53063	17.89	45.04		98.38	
18-46-00	'DAP	53064	18.26	46.32		100.93	
18-46-00	'DAP	53065	18.08	45.93		100.04	
46-00-00	'UREA	53066	46.02			100.04	
18-46-00	'DAP	53077	17.55	46.4		99.8	
46-00-00	'UREA	53078	46.09			100.2	
46-00-00	'UREA	53079	46.11			100.24	
00-00-60	'MOP	53080			60.60	101	
19-19-19	19-19-19	53081	20.38	20.73	<b>17.74</b>	104.28	
18-46-00	'DAP	53087	17.54	46.76		100.31	
18-46-00	'DAP	53088	17.71	46.86		100.76	
18-46-00	'DAP	53089	18.03	46.95		101.46	
18-46-00	'DAP	53090	18.18	45.81		100.04	
46-00-00	'Urea	53091	46.03			100.07	
18-46-00	'DAP	53092	17.77	46.8		100.78	
00-00-60	'MOP	53093			60.19	100.32	
00-00-22	'SPM	53094			22.45	102.05	*
18-46-00	'DAP	53099	17.49	<b>43.16</b>		94.89	
46-00-00	'Urea	53100	46.12			100.26	
46-00-00	'Urea	53101	46.29			100.63	
18-46-00	'DAP	53102	18.10	47.13		101.85	

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	53103	18.06	46.09		100.24	
34-00-00	'AN	53104	34.59			103.25	
00-00-60	'MOP	53105			61.36	102.27	
00-00-60	'MOP	53106			61.05	101.75	
28-00-00	'UAN	53107	30.43			108.68	
46-00-00	'Urea	53120	46.30			100.65	
18-46-00	'DAP	53121	17.68	46.56		100.26	
18-46-00	'DAP	53122	18.00	46.50		100.74	
18-46-00	'DAP	53123	18.21	47.61		102.76	
00-00-60	'MOP	53124			60.71	101.18	
00-00-60	'MOP	53125			60.72	101.2	
18-46-00	'DAP	53126	17.99	45.73		99.58	
00-00-22	'KMAG	53127			21.68	98.55	*
18-46-00	'DAP	53128	17.91	47.03		101.37	
21-00-00	'AS	53129	21.04			100.19	*
20-00-00	'AS	53130	20.97			102.29	*
00-00-60	'MOP	53138			60.31	100.52	
00-00-60	'MOP	53139			60.47	100.78	
00-00-60	'MOP	53140			60.30	100.5	
46-00-00	'Urea	53141	45.91			99.8	
18-46-00	'DAP	53142	17.83	45.83		99.45	
18-46-00	'DAP	53143	17.68	45.97		99.39	
00-00-22	'SPM	53144			21.56	98	*
18-46-00	'DAP	53145	<b>16.33</b>	<b>41.45</b>		90.34	
46-00-00	'Urea	53182	46.15			100.33	
46-00-00	'Urea	53183	46.20			100.43	
00-00-60	'MP	53184			59.82	99.7	
00-00-60	'MP	53185			60.90	101.5	
18-46-00	'DAP	53186	17.78	45.64		99.08	
46-00-00	'Urea	53187	45.87			99.72	
18-46-00	'DAP	53188	17.60	46.33		99.78	
18-46-00	'DAP	53189	17.89	46.22		100.13	
21-00-00	'AS	53190	20.61			98.14	*
18-46-00	'DAP	53191	17.97	46.09		100.08	
00-00-60	'MP	53192			59.41	99.02	
00-00-60	'MOP	53195			60.82	101.37	
46-00-00	'Urea	53197	45.83			99.63	

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>
00-00-60	'MOP	53198			61.05	101.75	
00-00-60	'MOP	53199			60.17	100.28	
46-00-00	'Urea	53200	46.14			100.3	
18-46-00	'DAP	53201	17.70	46.38		100.03	
00-00-60	'MP	53217			60.47	100.78	
18-46-00	'DAP	53218	18.23	45.80		100.11	
46-00-00	'Urea	53220	46.18			100.39	
46-00-00	'Urea	53221	46.08			100.17	
18-46-00	'DAP	53223	18.03	46.23		100.39	
00-00-60	'MP	53224			60.26	100.43	
21-00-00	'AMS	53225	20.70			98.57	*
18-46-00	'DAP	53226	18.11	45.93		100.09	
18-46-00	'DAP	53227	18.00	46.55		100.81	
46-00-00	'Urea	53228	46.09			100.2	
46-00-00	'Urea	53229	46.17			100.37	
46-00-00	'Urea	53230	46.10			100.22	
18-46-00	'DAP	53231	17.83	46.38		100.26	
00-00-60	'MOP	53232			60.16	100.27	
00-00-60	'MOP	53233			60.70	101.17	
19-19-19	'Southern States 19-19-19	53241	19.48	19.48	19.53	102.59	
20-10-10	'Southern States 20-10-10	53242	19.99	10.16	10.88	101.98	
10-10-10	'Southern States 10-10-10	53243	11.57	10.75	10.00	108.87	
10-10-10	'Southern States 10-10-10	53244	11.99	10.20	10.16	109.12	
18-46-00	'18-46-0	53245	17.99	46.18		100.25	
18-46-00	'DAP	53246	18.16	45.79		99.97	
00-00-60	'MP	53247			59.64	99.4	
18-46-00	'DAP	53263	18.10	46.75		101.29	
21-00-00	'AS	53264	21.08			100.38	*
12-40-00	'MES10	53265	11.99	40.32		100.57	*
18-46-00	'DAP	53266	17.98	46.85		101.22	
00-00-60	'MP	53267			61.19	101.98	
00-00-60	'MP	53268			60.07	100.12	
18-46-00	'DAP	53269	18.38	45.73		100.27	
18-46-00	'DAP	53270	17.45	45.43		98.18	
46-00-00	'Urea	53271	46.20			100.43	
00-00-50	'SP	53354			49.50	99	
21-00-00	'AS	53355	20.68			98.48	*

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
18-46-00	'DAP	53356	17.97	46.73		101.03	
00-00-60	'MP	53357			59.34	98.9	
18-46-00	'DAP	53358	17.60	46.47		99.99	
46-00-00	'Urea	53359	46.15			100.33	
46-00-00	'Urea	53360	46.19			100.41	
11-52-00	'MAP	53361	<b>9.31</b>	<b>42.58</b>		82.44	
00-00-22	'Kmag	53362			22.64	102.91	*
00-00-22	'Kmag	53363			23.02	104.64	*
00-00-60	'MP	53364			59.67	99.45	
46-00-00	'Urea	53365	46.14			100.3	
18-46-00	'DAP	53366	18.00	46.26		100.39	
00-00-50	'SP	53367			50.91	101.82	
46-00-00	'Urea	53368	46.11			100.24	
16-1-00	'SymTRX	53369	16.68	1.58		106.92	*
19-19-19	'SS	53373	19.87	19.10	19.22	102.33	
34-00-00	'Super Kicker Plus	53374	32.73			96.26	*
18-46-00	'DAP	53375	17.43	45.97		98.95	
00-00-50	'SP	53376			49.15	98.3	
46-00-00	'Urea	53377	46.20			100.43	
00-00-60	'MP	53378			60.36	100.6	
18-46-00	'DAP	53454	17.89	45.2		98.62	
46-00-00	'UREA	53455	46.07			100.15	
46-00-00	'UREA	53456	46.15			100.33	
46-00-00	'Urea	53460	46.17			100.37	
46-00-00	'Urea	53500	46.17			100.37	
00-00-60	'MOP	53501			61.39	102.32	
18-46-00	'DAP	53502	17.50	44.98		97.6	
18-46-00	'DAP	53503	18.08	45.35		99.18	
00-00-50	'SP	53525			51.52	103.04	
46-00-00	'Urea	53526	46.13			100.28	
00-00-60	'MP	53527			60.45	100.75	
00-00-60	'MP	53528			60.04	100.07	
18-46-00	'DAP	53529	17.77	45.64		99.06	
18-46-00	'DAP	53530	18.06	46.44		100.76	
00-00-22	'Kmag	53531			<b>18.52</b>	84.18	*
18-46-00	'DAP	53532	17.92	46.54		100.66	
00-00-50	'SP	53533			49.83	99.66	

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	53534	17.57	46.37		99.79	
46-00-00	'Urea	53535	46.18			100.39	
00-00-60	'MP	53536			61.95	103.25	
18-46-00	'DAP	53537	17.87	46.36		100.3	
21-00-00	'AS	53538	20.68			98.48	*
18-46-00	'DAP	53539	17.66	46.51		100.15	
46-00-00	'Urea	53542	46.07			100.15	
46-00-00	'Urea	53545	46.20			100.43	
18-46-00	'DAP	53546	17.61	46.69		100.33	
16-1-00	'SymTRX	53547	16.99	1.22		106.97	*
00-00-50	'SP	53548			50.36	100.72	
46-00-00	'Urea	53549	46.19			100.41	
00-00-60	'MP	53550			59.99	99.98	
00-00-60	'MP	53553			60.25	100.42	
18-46-00	'DAP	53554	17.73	45.22		98.37	
46-00-00	'Urea	53555	46.14			100.3	
00-00-60	'MP	53557			59.14	98.57	
18-46-00	'DAP	53558	17.59	46.43		99.91	
18-46-00	'DAP	53559	17.63	46.46		100.03	
18-46-00	'DAP	53560	17.57	46.54		100.04	
00-00-60	'MP	53561			59.25	98.75	
46-00-00	'Urea	53562	46.19			100.41	
21-00-00	'AS	53563	20.76			98.86	*
00-00-60	'MP	53564			60.54	100.9	
00-00-60	'MP	53565			61.49	102.48	
46-00-00	'Urea	53566	46.12			100.26	
18-46-00	'DAP	53581	17.82	46.38		100.24	
18-46-00	'DAP	53582	17.76	45.87		99.38	
18-46-00	'DAP	53583	17.85	46.33		100.22	
18-46-00	'DAP	53584	17.92	45.91		99.73	
00-00-60	'MP	53585			59.86	99.77	
00-00-60	'MP	53586			60.79	101.32	
46-00-00	'Urea	53587	46.20			100.43	
00-00-60	'MP	53588			60.14	100.23	
00-00-60	'MP	53589			59.56	99.27	
21-00-00	'AS	53590	20.91			99.57	*
00-00-60	'MP	53591			60.69	101.15	

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	53642	46.16			100.35	
18-46-00	'DAP	53643	17.84	46.01		99.73	
00-00-60	'MOP	53644			60.17	100.28	
18-46-00	'DAP	53645	17.63	46.21		99.66	
00-00-60	'MOP	53646			60.13	100.22	
00-00-60	'MOP	53647			60.61	101.02	
46-00-00	'Urea	53648	46.10			100.22	
5-20-20	'SS	53656	8.04	20.08	20.1	109.17	
10-20-20	'SS	53657	9.73	18.74	23.00	101.52	
10-10-10	'SS	53658	10.13	10.54	9.99	102.32	
19-19-19	'SS	53659	19.12	18.85	19.44	100.59	
18-46-00	'DAP	53722	17.50	46.32		99.59	
00-00-60	'MP	53723			59.76	99.6	
20-00-00	'AS	53724	20.21			98.59	*
00-00-50	'SP	53725			51.02	102.04	
00-00-60	'MP	53726			62	103.33	
18-46-00	'DAP	53727	17.75	46.79		100.73	
46-00-00	Urea	53728	45.89			99.76	
46-00-00	'Urea	53729	46.20			100.43	
46-00-00	Urea	53730	45.98			99.96	
00-00-60	'MP	53731			59.78	99.63	
00-00-60	'MP	53732			60.42	100.7	
18-46-00	'DAP	53733	17.59	46.59		100.15	
18-46-00	'DAP	53734	17.49	46.41		99.7	
46-00-00	'Urea	53735	46.20			100.43	
46-00-00	Urea	53736	46.09			100.2	
46-00-00	Urea	53737	46.20			100.43	
18-46-00	'DAP	53742	17.48	46.65		100.04	
18-46-00	'DAP	53743	17.59	46.55		100.09	
00-00-60	'MOP	53744			60.37	100.62	
46-00-00	'Urea	53745	46.20			100.43	
46-00-00	'Urea	53746	46.20			100.43	
46-00-00	'Urea	53778	45.92			99.83	
46-00-00	'Urea	53779	45.91			99.8	
18-46-00	'DAP	53780	17.61	45.95		99.24	
00-00-50	'SP	53781			50.81	101.62	
00-00-60	'MP	53782			60.33	100.55	

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>
46-00-00	'Urea	53895	46.20			100.43	
18-46-00	'DAP	53896	18.09	46.24		100.51	
00-00-60	'MOP	53897			59.96	99.93	
37-00-00	'Super Kicker Plus Top Dresser	53961	37.48			101.3	*
46-00-00	'Urea	53962	46.20			100.43	
18-46-00	'DAP	53963	17.74	44.99		98.04	
00-00-60	'MP	53970			59.52	99.2	
18-46-00	'DAP	53973	18.65	45.48		100.38	
16-1-00	'Symtrx	53999	16.55	1.44		105.45	*
00-00-60	'MOP	54000			60.96	101.6	
18-46-00	'DAP	54001	17.20	45.86		98.38	
18-46-00	'DAP	54002	17.63	45.07		97.97	
46-00-00	'Urea	54013	46.12			100.26	
00-00-60	'MOP	54014			60.26	100.43	
18-46-00	'DAP	54015	17.67	46.26		99.8	
00-00-50	'SOP	54016			51.51	103.02	
10-10-10	'SS	54174	10.63	10.82	12.01	110.52	
5-20-20	'SS	54175	7.72	20.28	19.1	106.87	
46-00-00	'Urea	54238	46.20			100.43	
46-00-00	'Urea	54278	46.15			100.33	
21-00-00	'AS	54279	20.73			98.71	*
00-00-60	'MOP	54299			58.94	98.23	
18-46-00	'DAP	54300	17.91	45.89		99.68	
00-00-50	'SOP	54301			51.08	102.16	
16-1-00	Symtrx 20S	54302	17.54	1.35		110.89	*
46-00-00	'Urea	54471	46.01			100.02	
00-00-60	'MOP	54472			60.41	100.68	
00-00-60	'MOP	54566			59.32	98.87	
00-00-60	'MOP	54619			59.85	99.75	
18-46-00	'DAP	54620	17.66	45.77		99.06	
00-00-60	'MOP	54632			59.26	98.77	
18-46-00	'DAP	54633	17.56	46.46		99.9	
18-46-00	'DAP	54637	17.32	46.63		99.73	
18-46-00	'DAP	54639	17.85	47.4		101.81	
16-1-00	'SymTRX	54893	17.43	1.19		109.44	*
30-00-00	'UAN 30%	54905	29.60			98.67	
16-1-00	'SymTRX	54933	17.67	1.5		112.4	*

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	54934			58.65	97.75	
18-46-00	'DAP	54935	17.66	46.44		100.05	
46-00-00	'Urea	54936	46.02			100.04	
00-00-22	'SPM	54937			22.32	101.45	*
46-00-00	'Urea	54945	46.05			100.11	
00-00-60	'MP	54946			59.16	98.6	
18-46-00	'DAP	54947	17.32	46.42		99.42	
00-00-50	'SP	54948			49.5	99	
34-00-00	'Super Kicker Plus	54956	33.14			97.47	*
00-00-60	'MOP	54990			61.26	102.1	
18-46-00	'DAP	55032	17.88	47.87		102.56	
00-00-50	'SOP	55051			50.56	101.12	
32-00-00	'UAN 32-0-0	55071	31.98			99.94	
30-00-00	'UAN 30-0-0	55072	30.49			101.63	
32-00-00	'UAN 32-0-0	55073	31.44			98.25	
32-00-00	'UAN 32-0-0	55074	31.72			99.12	
30-00-00	'UAN 30-0-0	55075	29.74			99.13	
28-00-00	'UAN 28-0-0	55076	28.53			101.89	
46-00-00	'Urea	55084	46.15			100.33	
18-46-00	'DAP	55085	17.58	45.93		99.15	
00-00-60	'MOP	55086			59.88	99.8	
00-00-50	'SOP	55112			49.74	99.48	
00-00-60	'MOP	55113			59.22	98.7	
18-46-00	'DAP	55114	17.67	45.59		98.81	
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Southern States - Russellville Russellville ,KY							
9-23-30		52664	9.46	23.97	29.41	101.91	
9-23-30		52665	8.87	22.72	30.9	100.43	
2-6-47		52666	2.44	6.06	47.56	101.18	*
6-15-20		52689	6.37	16.36	19.37	102.44	*
6-15-20		52690	6.10	15.71	20.1	101.31	*
6-15-20		52691	6.22	15.69	19.31	100.06	*
18-18-18		53293	17.44	17.65	17.47	99.7	*
18-18-18		53294	18.35	17.01	17.61	100.77	*
18-18-18		53295	17.66	17.36	18.34	100.94	*
28-6-12		53296	28.72	6.31	11.63	100.04	*
<hr/>							
Southern States - Russellville Fertilizer Plant Russellville ,KY							
16-1-00	'SymTRX 20S	54854	16.84	1.47		107.32	*

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 - Sebree Sebree ,KY							
9-23-30		55068	9.06	22.01	30.60	99.19	
9-23-30		55069	8.97	24.20	28.96	100.64	
9-23-30		55070	9.11	23.02	30.69	101.2	
Southern States - Shelbyville Shelbyville ,KY							
6-16-21		52654	6.96	16.51	21.84	103.67	
6-17-22		52655	7.07	16.31	22.11	101.94	
14-14-14		52656	14.07	14.8	14.37	104.35	
29-00-22		54003	27.78		22.33	97.46	
18-00-12		54004	18.47		12.05	100.39	
15-18-23		54005	15.43	17.34	22.6	98.45	*
15-18-23		54006	15.35	18.79	22.45	100.78	*
31-00-20		54007	30.40		20.13	99.57	
19-19-19		54008	19.03	19.56	19.27	99.53	
8-20-34		54640	7.59	20.62	33.02	99.56	
11-29-23		54641	10.85	28.94	22.46	99.56	
7-17-38		54642	6.55	16.74	36.82	97.71	
Southern States - Somerset Somerset ,KY							
24-0-28		53740	23.41	0.41	27.08	97.3	*
26-00-26		53839	<b>23.64</b>		29.14	99.05	
13-24-24		53840	12.66	25.68	23.7	101.78	
21-15-20		53841	21.48	14.91	20.08	99.68	
35-00-15		53842	34.35		14.38	99.15	*
19-9-28		53843	18.51	10.04	27.67	100.09	
13-22-26		53844	12.82	21.72	25.84	99.73	
20-15-15		53845	20.35	15.47	14.56	100.86	
17-7-33		53846	15.98	7.57	32.16	98.49	
19-19-19		53847	19.18	19.96	18.84	99.95	
Southern States - Springfield Springfield ,KY							
17-15-18		54781	16.58	14.74	18.65	100.76	*
8-14-34		54782	7.65	13.88	32.9	98.94	*
7-13-34		54783	7.48	13.41	34.59	100.86	*
8-14-34		54784	6.92	13.09	34.03	97.31	*
6-15-40		54785	6.14	15.34	40.53	101.1	
16-25-20		54786	15.24	24.91	20.07	99.74	
20-00-26		54787	19.80		26.29	99.01	
28-12-15		54788	26.84	11.05	15.69	98.73	
27-8-10		54789	26.22	7.30	10.44	97.16	

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>
13-00-35		54790	13.58		36.56	102.67	*
Southern States - Stanford Stanford ,KY							
21-00-32		53982	20.91		33.32	100.73	
21-10-20		53983	20.78	10.52	21.58	103.2	*
28-10-16		53984	27.44	9.57	16.04	98.55	
23-00-30		53985	23.78		29.79	101.53	
15-14-25		53986	15.13	13.58	26.30	102.46	*
21-10-20		53987	20.38	9.56	22.64	101.96	*
21-10-20		54169	21.20	10.03	22.42	104.51	*
20-16-21		54170	20.35	16.41	21.3	101.46	
21-10-20		54171	20.74	10.51	20.51	101.45	*
21-10-20		54172	20.52	9.30	22.38	101.4	*
Southern States - Warsaw Owenton ,KY							
38-0-00		54017	37.67	0.47		98.36	*
19-19-19		54018	19.28	19.21	19.48	99.76	
19-00-35		54019	19.23		34.33	99.05	
19-19-19		54020	19.33	18.91	19.74	99.7	
29-13-13		54021	28.22	12.2	12.69	98.47	
19-00-35		54022	18.57		34.52	97.76	
7-17-37		54023	6.55	16.64	38.61	100.29	*
7-17-37		54024	6.81	16.26	36.45	97.05	*
19-19-19		54634	19.30	18.99	20.05	100.12	
15-13-13		54635	14.46	12.54	12.96	98.75	*
15-13-13		54636	14.70	12.8	13.48	101.1	*
10-26-26		54638	9.94	26.44	25.26	99.26	
Southern States - Winchester Winchester ,KY							
33-11-8		54771	32.88	12.12	8.35	101.51	
33-11-8		54772	32.51	11.85	8.46	100.41	
28-12-13		54773	27.06	12.61	12.72	99.37	*
8-13-34		54774	<b>5.58</b>	13.47	37.26	99.1	*
15-00-00		54775	15.13			98.7	
33-11-8		54776	32.75	12.26	8.56	101.77	
33-11-8		54777	32.95	12.23	8.46	102	
33-11-8		54778	32.84	12.02	7.84	100.56	
31-00-20		54779	29.55		21.75	100.01	
28-13-13		54780	26.96	14.96	13.28	101.33	

Southern States Winchester Fertilizer Plant Winchester ,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>
19-19-19	'Southern States	52864	19.09	20.18	19.22	102.59	
15-15-15	'Southern States	52865	16.26	15.61	15.73	106.02	
10-10-10	'Southern States	52866	11.52	11.01	10.00	109.54	
5-10-15	'SS	53371	5.06	10.23	16.51	107.25	
10-10-10	'SS	53372	10.43	10.76	10.25	104.95	
15-15-15	'SS 15-15-15	53397	15.90	16.92	14.43	105.76	
10-10-10	'SS 10-10-10	53398	10.69	11.36	10.18	107.84	
19-19-19	'SS	53541	19.30	19.34	20.07	102.7	
10-10-10	'SS	53551	11.36	10.92	10.68	110.35	
19-19-19	'SS	53552	19.39	20.14	18.33	101.94	
10-10-10	'SS 10-10-10	53595	10.24	10.75	11.93	111.66	
15-15-15	'SS 15-15-15	53638	15.62	15.39	15.54	103.48	
10-10-10	'SS 10-10-10	53639	11.12	11.16	10.48	109.68	
6-24-24	'SS 6-24-24	53640	10.13	25.44	<b>21.06</b>	108.31	
19-19-19	'SS	53783	18.94	19.44	20.3	102.43	
00-10-30	'SS	53784		10.57	30.35	102.54	*
5-20-20	'SS	53785	7.73	21.49	20.84	113.06	
10-10-10	'SS	53786	10.12	10.71	9.75	102.23	
34-00-00	'Super Kicker Plus	53952	35.57			104.62	*
00-10-30	'SS	53953		10.26	28.69	97.74	*
19-19-19	'SS	53954	18.63	18.89	19.49	99.69	
10-20-15	'SS Premium	53955	11.50	20.83	<b>12.75</b>	102.06	
19-19-19	'SS	53956	19.14	18.98	18.56	99.66	
10-10-10	'SS	53957	9.305	<b>7.72</b>	18.34	111.09	*
19-19-19	'SS	53958	19.40	18.94	19.26	101.1	
10-10-10	'SS	53959	10.85	11.17	9.94	107.22	*
5-10-15	'SS	53960	5.46	9.54	15.64	102.98	
19-19-19	'SS	54292	19.48	20.59	18.65	103.37	
10-10-10	'SS	54293	9.59	9.85	9.7	97.06	
00-10-30	'SS	54294		11.31	30.03	104.04	*
19-19-19	'SS	54295	18.58	19.7	20.83	102.85	
5-20-20	'SS	54365	7.90	21.02	19.35	109.65	
19-19-19	'SS	54366	19.31	19.53	20.05	103.03	
10-10-10	'SS	54367	10.46	10.35	10.87	105.29	
10-10-10	'SS	54473	9.80	10.59	10.98	103.72	*
10-10-10	'SS	54663	9.36	10.55	10.02	99.33	
19-19-19	'SS	54666	19.25	19.41	19.66	102.16	

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
10-10-10	'SS	54954	10.06	10.1	10.3	101.36	
19-19-19	'SS	54955	18.76	20.13	19.44	102.1	
10-10-10	'SS	54991	10.19	10.15	11.27	104.56	
10-10-10	'SS	55025	9.66	10.40	10.2	100.5	
5-10-10	'SS	55059	4.99	9.87	10.77	101.9	
00-25-25	'SS	55060		26.29	24.25	101.62	
10-10-10	'SS	55061	10.19	9.98	10.52	102.05	
19-19-19	'SS	55062	19.71	19.94	18.43	102.4	
46-00-00	'SS	55082	46.16			100.35	
10-10-10	'SS	55083	9.81	10.42	11.11	103.53	
Speed Ag Service, LLC Hickman ,KY							
00-00-60	'MP	52613			60.39	100.65	
18-46-00	'DAP	52614	17.65	45.99		99.37	
21-00-00	'AS	52615	20.92			99.62	*
Stanley Crop Service Owensboro ,KY							
00-46-00	'TSP	52682		46.49		101.07	
00-00-60	'MP	52683			60.00	100	
00-46-00	'TSP	52684		46.28		100.61	
18-46-00	'DAP	52685	17.66	46.01		99.42	
00-00-60	'MP	52686			60.54	100.9	
00-23-30		52687		23.2	29.62	99.82	
00-46-00	'TSP	52688		46.14		100.3	
18-46-00	'DAP	53429	17.72	45.83		99.25	
21-00-00	'AS	53430	20.80			99.05	*
00-00-60	'MP	53431			59.39	98.98	
00-00-60	'MP	53432			59.83	99.72	
00-00-60	'MP	53433			59.31	98.85	
18-46-00	'DAP	53434	17.60	45.49		98.54	
18-46-00	'DAP	53435	17.73	45.38		98.6	
46-00-00	'UREA	53436	46.11			100.24	
00-00-50	'SP	53556			50.21	100.42	
6-22-5	'6-22-5-4S-0.44Zn	54425	7.59	<b>19.85</b>	5.62	100.69	*
6-15-40		54821	6.50	15.31	38.98	99.63	
14-18-24		54822	13.64	17.22	25.86	99.94	*
7-17-22		54823	7.01	16.47	22.58	99.04	
9-23-30		54824	8.97	23.26	28.87	98.87	
9-23-30		54825	8.96	22.13	29.89	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
6-15-30		54826	5.90	<b>14.28</b>	29.44	96.24	
9-23-30		54827	8.93	22.68	29.16	98.15	
9-23-30		54828	8.86	22.01	30.47	98.6	
14-18-24		54829	13.44	18.24	25.53	100.93	*
19-19-20		54830	18.84	18.49	20.85	99.87	
Sun Bulb Company, INC. Arcadia ,FL							
20-14-13	'Better-Gro Orchid Plus	52303	22.33	<b>12.13</b>	<b>10.44</b>	97.79	*
18-6-8	'Dynamite Cactus and Succulent Food	53699	19.27	6.6	8.53	107.5	*
20-14-13	'Better-Gro Orchid Plus	53811	20.01	13.85	12.99	99.7	*
11-35-15	'Better Gro Orchid Better Bloom	54871	11.31	36.59	14.65	102.84	*
Swiss Farms Products Las Vegas ,NV							
15-30-15	'Bold Blooms 15-30-15	52321	15.86	29.97	15.24	101.97	
12-5-7	'All Purpose 12-5-7	52322	12.20	5.15	8.13	105.05	*
24-8-16	'Water Soluble All Purpose 24-8-16	52323	24.89	9.54	17.54	107.76	*
9-9-6	'Vigoro Bulb Fuel 9-9-6	52411	9.26	8.92	6.47	102.4	
29-00-4	'Vigoro Lawn Fertilizer	52475	29.28		3.747	100.38	
29-00-4	'Vigoro Lawn Fertilizer	53678	29.87		3.98	102.72	
23-23-3	'Vigoro Starter Fertilizer	53679	25.14	22.61	2.73	103.71	
12-10-5	'Vigoro Tomato & Vegetable	53820	12.08	10.24	4.9	100.92	*
15-30-15	'Vigoro Bold Blooms	53821	14.62	30.14	15.33	99.9	
12-5-7	'Vigoro All Purpose	53822	11.98	4.88	8.19	103.11	*
Sylvite LLC Lakeland ,FL							
21-00-00	'AS	54518	20.61			98.14	*
T and N Inc Foristell ,MO							
26-00-8	'Greenskeepers Secret Winterizer 26-0-8	52434	26.50		7.47	100.53	
12-12-12	'Greenskeepers Secret	52854	12.03	12.07	11.71	99.69	
12-12-12	'All Purpose	53614	12.51	12.6	12.09	103.6	
12-12-12	'Greenskeeper 12-12-12	53694	11.41	11.42	11.25	94.77	
12-12-12	'Greenskeepers Secret	55058	11.55	11.95	12.93	100.35	
Tennessee Farmers Coop - Lavergne LaVergne ,TN							
15-15-15	'Co-Op Plant Food 15-15-15	53024	14.48	15.51	14.30	98.54	
6-24-24	'6-24-24	53095	15.18	<b>16.32</b>	23.32	105.6	
19-19-19	'19-19-19	53146	19.54	20.12	18.40	102.32	
46-00-00	'Urea	53171	45.92			99.83	
18-46-00	'DAP	53172	17.95	46.59		100.79	
00-00-60	'MOP	53173			60.58	100.97	
19-19-19	'19-19-19	53174	18.85	19.32	19.10	100.39	

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	'Co-Op Plant Food 19-19-19	53193	19.79	20.60	<b>17.57</b>	102.57	
10-10-10	'Co-Op Plant Food 10-10-10	53194	11.62	10.70	9.38	107.29	
15-15-15	'COOP PLANT FOOD 15-15-15	53437	15.33	15.57	14.59	101.46	
46-00-00	'Urea	54045	46.20			100.43	
<hr/>							
Tessenderlo Kerley Phoenix ,AZ							
12-00-00	'ATS	55087	12.04			100.33	*
<hr/>							
The Andersons Inc Maumee ,OH							
6-18-6	'Season Pass with Avail 6-18-6	54420	5.63	17.17	5.82	94.76	*
9-24-3	'9-24-3	54421	8.83	24.71	3.47	102.34	
<hr/>							
The Fertrell Company Bainbridge ,PA							
1-4-3	'Plant Food From The Sea	54875	2.92	3.74	<b>1.98</b>	116.7	
<hr/>							
The Hawthorne Gardening Company Port Washington ,NY							
5-4-6	'Tomato & Vegetable	52306	6.34	6.93	6.79	135.49	
4-6-3	'Rose & Flower 4-6-3	52320	4.78	5.51	3.61	106.81	
5-4-5	'Ecoscraps for Organic Gardening Herbs & Leafy Greens Pla	53597	6.23	7.13	5.24	134.63	
5-4-5	'Ecoscraps Herbs and Leafy Greens	53673	5.88	7.10	5.37	132.11	
4-6-3	'Ecoscraps Rose & Flower Plant Food	53688	5.03	9.01	3.76	136.87	
4-5-4	'Berry Plant Food	53761	6.28	8.085	5.55	154.51	
3-4-2	'Whitney Farms 3-4-2	53790	4.81	4.95	2.71	140.11	*
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The Scotts Company Marysville ,OH							
10-10-10	'All Purpose Flower & Veg	52309	11.38	11.73	11.53	115.38	*
12-4-8	'Rose & Bloom	52310	13.70	5.67	8.95	118.18	*
24-25-4	'Starter for New Grass 24-25-4	52315	23.58	25.35	4.37	100.24	
15-9-12	'Osmocote Plus	52326	15.06	9.3	12.61	102.32	*
32-00-10	'Scott s Turf Builder Winterguard 32-0-10	52409	32.46		9.64	100.6	*
24-25-4	'Scott s Turf Builder Starter 24-25-4	52410	24.78	24.39	4.2	100.81	
32-00-10	'Turf Builder Winterguard 32-0-10	52424	32.95		9.54	101.72	*
10-10-10	'Flower & Vegetable	53600	11.26	9.93	10.91	107.21	*
12-4-8	'Rose & Bloom	53605	13.14	5.1	8.91	112.91	*
11-7-7	'Evergreen Flowering Tree & Shrub	53617	13.81	9.57	9.38	130.39	*
24-25-4	'Scotts Turf Builder Starter	53677	24.17	25.63	3.79	101.18	
15-9-12	'Osmocote Plus Indoor & Outdoor	53682	15.99	8.89	11.8	102.55	*
32-00-4	'Scotts Turf Builder Lawn Food	53683	<b>30.70</b>		4.81	97.74	*
32-00-4	'Scotts Turf Builder Lawn Food	53692	32.07		4.44	101.02	*
26-00-2	'Scotts Green Max Lawn Food	53756	27.30		2.23	105.31	*
32-00-10	'Scotts Southern Turf Builder	53758	31.26		10.05	98.16	*
9-1-1	'Scotts Turf Builder Thick R Lawn Tall Fescue Mix 9-1-1	53763	9.70	1.91	1.87	119.27	*

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>
7-12-15	'Turf Builder Liquid Starter	53791	6.58	11.69	15.98	99.81	
26-00-2	'Scotts Green Max	53865	26.92		2.02	103.42	*
24-25-4	'Scotts Turf Builder Starter	53866	23.91	26.92	3.63	102.69	
34-00-00	'Turf Builder Summer	55011	35.06			103.12	
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Thomas Cayce Farm Supply, LLC Princeton ,KY							
00-00-22	'K Mag	52362			21.49	99.95	*
18-46-00	'DAP	52363	17.94	45.31		98.87	
18-46-00	'DAP	52364	17.92	46.25		100.23	
18-46-00	'DAP	52365	17.84	45.73		99.32	
00-00-60	'MP	52366			60.94	101.57	
00-00-60	'MP	52367			60.19	100.32	
00-00-60	'MP	52368			59.66	99.43	
20-00-00	'AS	52369	20.66			100.78	*
6-15-19		52623	6.56	16	20.43	105.93	
6-15-19		52624	6.28	16.29	20.76	106.5	
18-46-00	'DAP	52889	17.83	45.35		98.74	
20-00-00	'AMS	52890	20.48			99.9	*
18-46-00	'DAP	52891	18.11	44.86		98.51	
00-00-60	'MOP	52892			60.18	100.3	
00-00-60	'MOP	52893			60.11	100.18	
34-00-00	'AN	52894	34.07			101.7	
13-15-21		54110	12.86	15.12	19.65	99.03	*
13-15-21		54111	12.85	14.61	20.48	99.28	*
13-15-21		54112	12.43	15.13	19.84	98.25	*
13-18-19		54113	12.91	17.99	18.53	98.33	*
13-18-19		54114	13.23	17.86	18.53	98.85	*
20-15-15		54115	20.18	14.54	14.65	99.9	
18-18-18		54157	18.26	17.82	18.02	101.9	
23-12-12		54158	23.12	11.35	12.47	100.7	
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Tri-County Fertilizer Co., Inc. Richmond ,KY							
46-00-00	'Urea	54176	46.20			100.43	
18-46-00	'DAP	54177	17.88	47.51		102.02	
00-00-60	'MOP	54178			60.42	100.7	
19-19-19		54406	18.50	18.65	20.6	100.5	
19-19-19		54407	18.30	19.33	20.08	100.57	
23-00-30		54408	<b>20.47</b>		31.37	96.1	
19-19-19		54409	18.56	20.07	19.73	101.96	

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		54410	18.70	19.39	19.5	100.74	
19-19-19		54411	18.59	19.07	19.95	100.55	
19-00-19		54412	21.70		31.82	135.04	
19-19-19		54413	18.55	18.21	20.34	99.47	
25-13-17		54414	24.39	13.63	17.41	100.24	
19-19-19		54415	18.92	18.59	19.09	99.26	
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Valley Farm Center, Inc. Monticello ,KY							
18-46-00	'DAP	53513	17.83	45.99		99.68	
00-00-60	'MOP	53514			61.49	102.48	
46-00-00	'Urea	53515	46.17			100.37	
<hr/>							
Valley Fertilizer Company Edmonton ,KY							
18-46-00	'DAP	52912	17.87	45.75		99.4	
00-00-60	'MOP	52913			59.39	98.98	
46-00-00	'Urea	52914	46.00			100	
18-46-00	'DAP	52915	18.00	45.64		99.47	
46-00-00	'Urea	52916	46.05			100.11	
34-00-00	'AN	52917	34.21			100.62	
34-00-00	'AN	52918	34.32			100.94	
18-46-00	'DAP	52919	17.96	46.07		100.03	
19-19-19		53937	20.06	18.88	18.85	99.81	
19-19-19		53938	19.46	19.41	19.59	100.47	
26-9-9		53939	27.63	9	<b>7.55</b>	102.5	
19-19-19		53940	19.73	19.65	18.86	100.46	
27-14-13		53941	27.04	14.3	13.41	100.35	
19-19-19		53942	19.67	18.13	19.76	98.97	
30-12-12		53943	30.23	11.91	11.66	100.92	
25-15-15		53944	24.96	15.35	14.3	98.83	
27-14-13		53945	26.73	13.29	13.8	98.44	
19-19-19		53946	20.04	19.62	18.31	100.34	
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Vogel Seed & Fertilizer Company Inc Jackson ,WI							
26-00-3	'Endure Winter Root Builder Plus 26-0-3	53596	26.79		3.36	103.66	*
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Voluntary Purchasing Group Bonham ,TX							
5-1-1	'Ferti-Lome	52895	5.64	2.06	1.29	126.44	
00-10-00	'Hi-Yield Bone Meal	54872		18.50		185	
5-1-1	'Fish Emulsion Fertilizer	54873	5.96	2.24	1.23	133.1	
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Warner Fertilizer - Albany Albany ,KY							
20-8-28		54392	19.27	8.47	29.09	101.3	

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>
20-9-9		54393	<b>17.95</b>	9.52	8.96	94.17	
21-9-17		54906	21.44	8.68	17.69	101.52	
21-11-22		54907	20.90	12.88	21.9	102.52	*
21-11-21		54908	21.27	11.84	20.72	101.37	*
28-13-13		54909	27.21	13.82	13.54	100.11	
18-18-18		55012	18.42	18.29	17.02	101.3	
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Warner Fertilizer - Campbellsville Campbellsville ,KY							
19-19-19		54847	19.07	18.70	19.80	98.72	
24-14-18		54848	23.02	14	19.65	100.88	
18-18-18		54849	17.59	17.74	18.09	100.05	
21-15-13		54850	20.34	15.95	13.23	99.73	*
28-11-15		54851	27.13	10.68	16.39	99.83	
9-22-31		54914	8.58	21.63	31.57	99.42	
19-19-19		54915	19.64	18.60	19.12	98.81	
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Warner Fertilizer - Columbia Columbia ,KY							
20-19-19		54036	19.32	18.95	18.81	98.54	
20-19-19		54037	19.26	18.20	19.76	98.26	
26-12-17		54038	25.41	11.32	16.73	98.07	
20-19-19		54039	19.60	19	19.71	100.29	
20-19-19		54040	19.07	19.43	18.47	98.15	
20-19-19		54041	19.14	19.42	19.12	99.28	
20-19-19		54042	19.07	18.8	19.11	98.04	
31-00-20		54562	29.65		21.65	100.09	
31-00-20		54563	30.23		20.44	99.64	
33-7-11		54564	32.32	8.06	11.07	99.63	
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Warner Fertilizer - East Bernstadt East Bernstadt ,KY							
19-19-19		54228	19.55	19	19.87	100.32	
19-19-19		54229	18.78	19.32	19.48	99.5	
7-14-13		54230	7.28	13.6	14.66	105.32	
19-19-19		54231	19.16	19.51	20.1	100.85	
22-18-18		54232	21.75	18.19	17.9	101.21	
19-19-19		54233	19.72	18.97	19.21	99.76	
19-19-19		54234	19.28	19.34	19.86	100.34	
7-7-6		54235	7.41	7.14	6.97	109.53	
19-19-19		54236	19.18	19.96	19.6	100.86	
19-19-19		54237	19.39	19.3	19.89	100.54	
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Warner Fertilizer - Liberty Liberty ,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
19-19-19		54209	19.38	<b>17.80</b>	20.04	98.11	
19-19-19		54210	19.62	18.18	19.73	98.85	
22-15-20		54211	21.75	13.92	19.45	97.67	
26-8-10		54212	26.36	7.6	10.14	101.01	
19-00-31		54213	19.27		30.24	98.5	
19-19-19		54214	20.11	<b>18.04</b>	19.43	99.23	
22-15-20		54216	22.37	<b>13.57</b>	19.73	98.75	
25-13-17		54217	25.30	<b>11.38</b>	17.44	99.6	
19-19-19		54218	19.41	<b>17.70</b>	18.74	98.48	
26-8-20		54219	26.48	6.9	20.06	99.72	
Warner Fertilizer - Monticello Monticello ,KY							
19-19-19		54049	19.04	18.86	19.86	99.15	
27-31-00		54050	27.38	30.56		99.92	
31-00-20		54051	30.68		20.05	100.1	
27-11-16		54052	28.07	10.03	15.4	99.9	
19-19-19		54053	19.19	19.34	19.8	100.2	
19-19-19		54054	18.91	19.5	20.38	100.64	
15-00-40		54055	14.79		39.5	97.9	
34-7-10		54056	33.87	7.43	10.79	101.16	
27-31-00		55013	26.70	32.23		101.27	
10-26-26		55014	9.96	26.06	27.16	101.09	
10-26-26		55015	9.95	25.47	28.42	101.72	
Warner Fertilizer - Nancy Nancy ,KY							
26-00-24		53849	25.72		23.75	98.65	
18-18-18		53850	17.42	18.71	17.05	99.93	
19-19-19		53851	19.64	<b>15.07</b>	21.83	96.38	
18-18-18		53852	17.59	18.33	18.28	101.39	
18-18-18		53853	17.27	18.88	18.92	102.66	
19-6-22		53854	20.63	5.47	<b>20.74</b>	100.04	
18-18-18		53855	18.00	18.51	17.44	101.43	
13-15-27		53856	12.78	15.45	26.58	98.1	
19-19-19		53857	18.51	20.33	18.9	99.26	
16-16-21		53858	16.73	18.45	<b>17.84</b>	100.11	
Warner Fertilizer - Russell Springs Russell Springs ,KY							
7-18-35		54553	7.52	19.05	36.52	105.71	*
19-19-19		54554	19.07	20.41	20.9	103.23	
26-12-17		54555	24.87	12.68	18.46	101.69	

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>
7-18-35		54556	7.24	19.62	35.21	104.26	*
8-20-34		54557	7.33	18.79	35.56	99.28	
8-20-34		54558	7.40	20.76	33.88	100.66	
26-12-17		54559	25.00	11.76	16.50	97.67	
8-20-34		54560	7.49	20.51	33.44	99.79	
26-12-17		54561	25.55	13.01	16.45	100.8	
22-10-15		55048	25.66	12.09	15.83	114.85	
<b>Warner Fertilizer - Somerset Somerset ,KY</b>							
46-00-00	'Urea	52867	46.10			100.22	
46-00-00	'Urea	52868	46.02			100.04	
46-00-00	'Urea	52869	45.68			99.3	
18-46-00	'DAP	52870	17.50	45.96		99.06	
00-00-60	'MP	52871			58.98	98.3	
18-46-00	'DAP	52872	18.31	45.58		99.93	
00-00-60	'MP	52873			60.23	100.38	
46-00-00	'Urea	52898	45.94			99.87	
46-00-00	'Urea	52899	45.98			99.96	
18-46-00	'DAP	52900	17.86	46.44		100.4	
00-00-60	'MOP	52901			59.96	99.93	
00-00-60	'MOP	52902			59.61	99.35	
46-00-00	'Urea	52903	46.01			100.02	
46-00-00	'Urea	52920	45.91			99.8	
46-00-00	'Urea	52921	46.1			100.22	
18-46-00	'DAP	52922	17.76	45.15		98.32	
00-00-60	'MOP	52923			59.04	98.4	
34-00-00	'AN	52924	34.41			101.21	
21-00-00	'AS	52925	21.06			100.29	*
19-19-19	'19-19-19	52926	18.52	18.92	18.72	98.46	
10-10-10	'10-10-10	52927	9.45	9.12	10.35	95.72	
15-15-15	'15-15-15	52928	14.82	14.54	15.81	99.88	
46-00-00	'Urea	53038	46.00			100	
18-46-00	'DAP	53039	18.10	45.49		99.42	
00-00-60	'MOP	53040			59.68	99.47	
00-00-60	'MOP	53041			61.21	102.02	
46-00-00	'Urea	53042	46.08			100.17	
46-00-00	'UREA	53073	46.11			100.24	
00-00-60	'MOP	53074			59.52	99.2	

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
18-46-00	'DAP	53075	18.00	46.7		101.04	
00-00-60	'MOP	53076			59.53	99.22	
00-00-60	'MOP	53175			60.28	100.47	
00-00-60	'MOP	53176			60.55	100.92	
18-46-00	'DAP	53177	17.24	46.20		98.95	
18-46-00	'DAP	53178	17.83	46.17		99.95	
46-00-00	'Urea	53179	45.72			99.39	
46-00-00	'Urea	53180	45.66			99.26	
46-00-00	'Urea	53181	46.06			100.13	
34-00-00	'AN	53236	34.22			100.65	
00-00-60	'MOP	53237			60.90	101.5	
18-46-00	'DAP	53238	17.79	45.59		99.02	
18-46-00	'DAP	53239	18.03	46.20		100.35	
46-00-00	'Urea	53240	46.09			100.2	
7-20-20	'Warnco	53253	8.17	20.11	20.35	104.07	
46-00-00	'Urea	53254	46.14			100.3	
18-46-00	'DAP	53255	17.98	46.51		100.72	
00-00-60	'MOP	53256			59.86	99.77	
18-46-00	'DAP	53300	17.38	46.65		99.86	
46-00-00	'Urea	53301	46.07			100.15	
00-00-60	'MOP	53302			58.89	98.15	
34-00-00	'AN	53303	34.30			100.88	
46-00-00	'Urea	53304	46.01			100.02	
18-46-00	'DAP	53305	17.54	45.74		98.8	
00-00-60	'MOP	53306			60.1	100.17	
46-00-00	'Urea	53309	46.11			100.24	
18-46-00	'DAP	53310	17.80	46.5		100.39	
00-00-60	'MOP	53311			60.38	100.63	
34-00-00	'AN	53312	34.21			100.62	
10-10-10	'Warnco 10-10-10	53313	9.99	10.09	9.50	98.97	
19-19-19	'Warnco 19-19-19	53314	18.45	19.63	<b>17.67</b>	98.14	
15-15-15	'Warnco 15-15-15	53315	15.83	17.26	14.82	107.01	
7-20-20	'Warnco 07-20-20	53316	8.43	21.52	19.38	106.3	
10-20-20	'Warnco 10-20-20	53317	9.80	19.86	20.7	100.33	
00-00-60	'MOP	53388			60.78	101.3	
46-00-00	'Urea	53389	46.20			100.43	
46-00-00	'Urea	53390	46.07			100.15	

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
18-46-00	'DAP	53391	17.70	46.62		100.39	
18-46-00	'DAP	53392	18.51	46.84		102.15	
19-19-19	'BG19-19-19	53522	18.63	19.63	18.85	100.13	
5-10-15	'BG 05-10-15	53523	5.62	10.29	14.21	98.81	
34-00-00	'AN	53593	34.31			100.91	
19-19-19	'Warnco	53632	18.02	19.01	19.57	98.71	
19-19-19	'Warnco	53660	18.34	20.46	18.01	99.84	
19-19-19	'Warnco	53741	19.18	20.22	<b>16.61</b>	99.29	
19-19-19	'Warnco	53749	<b>17.04</b>	18.86	21.33	98.77	
19-19-19	'19-19-19	53774	19.35	20.43	18.02	101.95	
00-00-60	'MOP	53775			60.19	100.32	
18-46-00	'DAP	53776	17.43	46.72		100.06	
46-00-00	'Urea	53777	46.11			100.24	
15-15-15	'Warnco	53848	16.13	16.97	14.74	107.02	
10-10-10	'Warner 10-10-10	53947	9.95	9.42	10.21	98.39	
15-15-15	'Warner 15-15-15	53948	16.55	17.91	16.26	112.89	
7-20-20	'Warner 7-20-20	53949	7.44	<b>18.30</b>	<b>18.15</b>	94.07	
46-00-00	'Urea	54215	46.20			100.43	
19-19-19	'Warnco	54405	19.09	18.8	18.63	99.33	
31-9-12		54858	31.12	9.47	12.63	101.15	
31-9-12		54859	30.80	9.86	12.51	101	
22-6-25		54860	21.34	5.74	25.55	99.51	*
22-6-25		54861	21.47	5.18	26.02	99.43	*
9-23-30		54862	9.11	23.5	30.25	101.45	
9-23-30		54863	8.85	22.39	30.78	99.66	
19-19-19		54864	18.85	19	20.09	99.18	
29-9-15		54865	28.84	8.38	15.54	99.21	
<hr/>							
Warner Fertilizer - Stanford Stanford ,KY							
19-19-19		54189	19.16	20.75	18.34	100.61	
33-10-10		54190	32.89	10.35	10.59	102.87	
18-00-37		54191	17.26		36.53	98.36	
12-00-45		54192	10.94		45.48	99.38	
28-12-15		54193	27.31	11.28	15.25	99.54	
33-10-10		54194	32.30	10.53	10.02	101.17	
20-00-7		54195	<b>17.95</b>		7.30	91.56	
19-19-19		54196	18.85	20.46	19.9	101.53	
19-19-19		54197	19.03	19.88	20.05	101.11	

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 Fertilizer - Tompkinsville Tompkinsville ,KY							
19-19-19		53403	19.14	19.82	18.69	100.6	
19-19-19		53404	18.89	20.27	19.56	100.72	
27-14-14		53405	26.24	13.73	14.63	99.38	
27-14-14		53406	27.39	14.24	14.14	102.05	
18-18-18		53407	19.08	<b>14.76</b>	17.86	97.38	
27-14-14		53408	26.13	14.43	15.06	100.96	
22-11-23		53409	21.60	11.26	23.5	101.22	
27-14-14		53410	26.28	13.60	15.32	100.16	
22-6-17		53411	22.74	5.82	16.04	99.24	
19-19-19		53412	18.50	20.23	18.7	98.72	
Winfield Solutions, LLC Saint Paul ,MN							
12-12-12	'GROUNDWORKS 12-12-12	52874	12.13	12.64	12.51	103.34	
16-6-16	'Groundworks Pasture 16-6-16	53400	15.75	5.48	16.71	99.27	
10-10-10	'All-Purpose	53823	10.34	9.64	<b>8.86</b>	94.68	
12-12-12	'Groundworks	54116	12.27	12.49	11.21	100.58	
Woodford Feed Company, Inc. Versailles ,KY							
00-00-60	'MOP	54009			60.07	100.12	
18-46-00	'DAP	54010	17.56	46.3		99.67	
46-00-00	'UREA	54011	46.20			100.43	
22-9-24		54012	21.93	8.89	24.5	99.98	
43-00-00		54621	43.03			99.12	*
25-00-24		54622	24.71		24.8	100.4	*
25-00-24		54623	24.47		24.96	100.07	*
00-00-60	'MOP	54624			59.63	99.38	
18-46-00	'DAP	54625	17.33	46.18		99.08	
46-00-00	'Urea	54626	46.20			100.43	
25-00-24		54628	24.54		24.76	99.92	*
30-00-19		54629	29.96		18.66	100.15	*
25-00-24		54630	24.21		25.22	99.84	*
25-00-24		54631	24.17		24.69	98.9	*
23-00-27		55044	22.88		27.78	101.74	
00-00-60	'MOP	55045			59.63	99.38	
00-00-50	'SOP	55046			49.89	99.78	
18-46-00	'DAP	55047	17.72	46.50		100.24	
18-3-28		55103	17.95	3.26	29.07	101.43	*

Values in bold are deficient.

\* Refer to Table 3

# Regulatory Bulletin 336

## Table 3

### Detailed Inspection Report Results Secondary and Micro Nutrients





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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
Advanced Micronutrient Products Reese ,MI										
54574	00-00-00	Brand: 'NuBor 10								
		Guarantee:	10	5	1.5	10				
		Found:	<b>9.172</b>	5.696	2.967	9.79				
Advanced Turf Solutions - Fishers Fishers ,IN										
54296	16-00-4	Brand: 'Advanced Turf 16-0-4 Fe (DDP)								
		Guarantee:						0.1		
		Found:						0.238		
Agri-Chem - Hopkinsville Hopkinsville ,KY										
52394	4-20-36									
		Guarantee:								0.2708
		Found:								0.296
52395	4-20-36									
		Guarantee:								0.2708
		Found:								0.318
52396	4-20-36									
		Guarantee:								0.2708
		Found:								0.286
52397	6-27-28									
		Guarantee:								0.2823
		Found:								0.361
52398	6-27-28									
		Guarantee:								0.2823
		Found:								<b>0.214</b>
52399	4-20-36									
		Guarantee:								0.2708
		Found:								0.388
52400	4-20-36									
		Guarantee:								0.2708
		Found:								0.333
52401	6-27-28									
		Guarantee:								0.283
		Found:								0.417
52402	6-27-28									
		Guarantee:								0.283
		Found:								0.342
53878	10-26-25									
		Guarantee:								0.812
		Found:								<b>0.674</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									
53879	10-26-25									
		Guarantee:								0.812
		Found:	<input type="text"/>							<b>0.587</b>
Agriport Terminal Eddyville ,KY										
52403	7-33-21									
		Guarantee:								0.6195
		Found:	<input type="text"/>							0.551
52404	6-27-28									
		Guarantee:								0.3149
		Found:	<input type="text"/>							0.389
52405	6-27-28									
		Guarantee:								0.3149
		Found:	<input type="text"/>							0.302
52406	6-27-28									
		Guarantee:								0.3149
		Found:	<input type="text"/>							0.33
52407	6-27-28									
		Guarantee:								0.3149
		Found:	<input type="text"/>							0.335
52408	6-27-28									
		Guarantee:								0.3149
		Found:	<input type="text"/>							0.301
52431	00-00-22	Brand: 'K-Mag								
		Guarantee:		10.5	21					
		Found:	<input type="text"/>	11.06	21.12					
52499	00-00-22	Brand: 'K Mag								
		Guarantee:		10.5	21					
		Found:	<input type="text"/>	10.58	21.06					
53275	00-00-22	Brand: 'SPM								
		Guarantee:		10.5	21.5					
		Found:	<input type="text"/>	10.75	21.69					
AgroLiquid Fertilizer St. Johns ,MI										
53900	9-24-3	Brand: 'Pro-Germinator 9-24-3								
		Guarantee:						0.1		
		Found:	<input type="text"/>					0.301		
53901	00-00-00	Brand: 'Micro 500								
		Guarantee:				0.02	0.25	0.37	1.2	1.8
		Found:	<input type="text"/>			0.0196	0.235	0.36	1.129	1.636

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
	53902	12-3-3	Brand: 'Ferti-Rain 12-3-3							
			<b>Guarantee:</b>		1.5			0.1	0.05	0.1
			<b>Found:</b>	<input type="text"/>	1.615			0.103	0.0635	0.106
	53903	7-00-00	Brand: 'Access 7-0-0							
			<b>Guarantee:</b>		17			0.25	0.05	0.05
			<b>Found:</b>	<input type="text"/>	21.88			<b>0.203</b>	0.063	0.0658
	53905	8-22-2	Brand: 'PrimAgro P 8-22-2 with 1% Sulfur							
			<b>Guarantee:</b>		1					
			<b>Found:</b>	<input type="text"/>	1.558					
	53906	8-22-2	Brand: 'Prim Agro P 8-22-2 with 1% Sulfur							
			<b>Guarantee:</b>		1					
			<b>Found:</b>	<input type="text"/>	1.32					
	53907	2-00-10	Brand: 'Kalibrate 2-0-10 with 6% Sulfur							
			<b>Guarantee:</b>		6					
			<b>Found:</b>	<input type="text"/>	5.621					
	53908	9-24-3	Brand: 'Pro-Germinator 9-24-3							
			<b>Guarantee:</b>					0.1		
			<b>Found:</b>	<input type="text"/>				0.379		
	53909	00-00-00	Brand: 'Micro 500							
			<b>Guarantee:</b>			0.02	0.25	0.37	1.2	1.8
			<b>Found:</b>	<input type="text"/>		0.0175	0.249	0.37	1.158	1.701
	53910	7-00-00	Brand: 'Access 7-0-0							
			<b>Guarantee:</b>		17			0.25	0.05	0.05
			<b>Found:</b>	<input type="text"/>	<b>15.41</b>			<b>0.142</b>	0.0412	0.0427
	53911	7-00-00	Brand: 'eNhance 7-0-0							
			<b>Guarantee:</b>		8.7				0.07	0.07
			<b>Found:</b>	<input type="text"/>	8.315				0.0784	0.0802
	54469	9-24-3	Brand: 'Pro-Germinator							
			<b>Guarantee:</b>					0.1		
			<b>Found:</b>	<input type="text"/>				0.35		
	54612	00-00-00	Brand: 'Magnesium							
			<b>Guarantee:</b>		2.5					
			<b>Found:</b>	<input type="text"/>	<b>1.895</b>					
	54897	7-00-00	Brand: 'Access							
			<b>Guarantee:</b>		17			0.25	0.05	0.05
			<b>Found:</b>	<input type="text"/>	21.14			<b>0.202</b>	0.0641	0.0632
	54899	9-24-3	Brand: 'Pro Germinator							
			<b>Guarantee:</b>					0.1		
			<b>Found:</b>	<input type="text"/>				0.306		

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									
54900	00-00-00	Brand: 'Micro 500								
		<b>Guarantee:</b>				0.02	0.25	0.37	1.2	1.8
		<b>Found:</b>	<input type="text"/>			0.0209	0.29	0.42	1.224	1.726
54901	00-00-00	Brand: 'Enhance								
		<b>Guarantee:</b>			8.7				0.07	0.07
		<b>Found:</b>	<input type="text"/>		8.723				0.0773	0.0755
54902	2-00-10	Brand: 'Kalibrate								
		<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		5.943					
54903	12-3-3	Brand: 'Ferti Rain								
		<b>Guarantee:</b>			1.5			0.1	0.05	0.1
		<b>Found:</b>	<input type="text"/>		1.765			0.109	0.118	0.185
American Plant Food Corporation Galena Park ,TX										
53278	21-00-00	Brand: 'Ams								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.18					
53278	21-00-00	Brand: 'Ams								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.18					
Ball DPF LLC Sherman ,TX										
53681	3-00-2	Brand: 'Jobes Grow								
		<b>Guarantee:</b>	3.21					0.0409		
		<b>Found:</b>	<input type="text" value="3.327"/>					0.0428		
Ballard County Coop., Inc. La Center ,KY										
52618	20-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		<b>22.18</b>					
52619	9-18-30									
		<b>Guarantee:</b>			2.4					
		<b>Found:</b>	<input type="text"/>		2.995					
54358	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.21					
54359	00-00-60	Brand: 'MP								
		<b>Guarantee:</b>								
		<b>Found:</b>	<input type="text"/>		1.961					
54536	12-20-22									
		<b>Guarantee:</b>			4.9412					
		<b>Found:</b>	<input type="text"/>		5.794					

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									
52461	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.09					
52462	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.23					
52972	12-40-00	Brand: 'MES 10S								
		Guarantee:			10					
		Found:	<input type="text"/>		9.99					
Bickett Ag - Central City Central City ,KY										
54757	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							0.7378
54759	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							<b>0.579</b>
54760	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							0.644
54761	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							<b>0.569</b>
54762	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							0.6521
54763	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							0.736
54764	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							<b>0.491</b>
54765	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							0.62
54766	9-23-29									
		Guarantee:								0.6758
		Found:	<input type="text"/>							0.603769

Black Gold Envirosafe Arcadia ,FL

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
	53818	8-5-5	Brand: 'Dynamite Mater Magic							
			Guarantee:	4	1					
			Found:	6.681	2.246					
Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY										
	53212	00-00-00	Brand: 'Sul4R-Plus							
			Guarantee:	21	17					
			Found:	21.56	16.528					
	53991	16-00-15	Brand: 'Sul4R-Plus							
			Guarantee:	2.8475	2.3051					
			Found:	9.994	2.66					
C.D. Poore Fertilizer Albany ,KY										
	53394	21-00-00	Brand: 'AMS							
			Guarantee:		24					
			Found:		24.0					
	54387	11-11-22	Brand: 'AMS							
			Guarantee:		2.9538					0.5538
			Found:		3.528					0.686
	54389	11-11-22	Brand: 'AMS							
			Guarantee:		2.9538					0.5538
			Found:		3.697					0.594
	54390	11-11-22	Brand: 'AMS							
			Guarantee:		2.9538					0.5538
			Found:		3.507					0.634
Cameron Chemicals Inc Virginia Beach ,VA										
	52299	00-00-00	Brand: 'Boron 15							
			Guarantee:			15				
			Found:			15.1				
	52382	00-00-00	Brand: 'Zinc 36							
			Guarantee:		9					36
			Found:		14.19					<b>29.64</b>
	53149	00-00-00	Brand: 'Boron/Bore 10%							
			Guarantee:			10				
			Found:			11.4				
	53151	00-00-00	Brand: 'Zinc 36%							
			Guarantee:		9					36
			Found:		14.84					<b>29.8</b>
	53739	00-00-00	Brand: 'Magnesium 36%							
			Guarantee:		36	3				
			Found:		<b>30.49</b>	5.402				

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									
53787	00-00-00	Brand: 'Cameron Micronutrients								
		<b>Guarantee:</b>			9					36
		<b>Found:</b>	<input type="text"/>		12.31					<b>30.42</b>
54280	00-00-00	Brand: 'Cameron Micronutrients								
		<b>Guarantee:</b>			9					36
		<b>Found:</b>	<input type="text"/>		12.68					<b>27.71</b>
54660	00-00-00	Brand: 'Boron 15								
		<b>Guarantee:</b>				15				
		<b>Found:</b>	<input type="text"/>			15.6				
54661	00-00-00	Brand: 'Cameron Micronutrient								
		<b>Guarantee:</b>			9					36
		<b>Found:</b>	<input type="text"/>		13.19					<b>29.52</b>
54699	00-00-00	Brand: 'Boron 15								
		<b>Guarantee:</b>				15				
		<b>Found:</b>	<input type="text"/>			15.2				
Central Crop Care Crab Orchard ,KY										
54187	16-15-18									
		<b>Guarantee:</b>		2.4444	4.8889					
		<b>Found:</b>	<input type="text"/>	2.595	5.76					
Central Farmers Supply, Inc. Greensburg ,KY										
53136	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.33					
54578	6-15-20									
		<b>Guarantee:</b>			2.9508	0.2459				
		<b>Found:</b>	<input type="text"/>		3.678	0.2180				
54579	6-15-20									
		<b>Guarantee:</b>			2.9508	0.2459				
		<b>Found:</b>	<input type="text"/>		3.663	0.3140				
54581	6-15-20									
		<b>Guarantee:</b>			2.9508	0.2459				
		<b>Found:</b>	<input type="text"/>		3.525	0.2560				
54582	6-15-20									
		<b>Guarantee:</b>			2.9508	0.2459				
		<b>Found:</b>	<input type="text"/>		3.621	0.2870				
Central Garden & Pet Garden Division Atlanta ,GA										
52311	10-10-10	Brand: 'Pennington All Purpose								
		<b>Guarantee:</b>	1	0.8	1		0.05	2	0.05	0.05
		<b>Found:</b>	<input type="text" value="6.37"/>	4.288	5.505		0.0557	3.27	0.0896	0.0565

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	
	52333	1-00-1	Brand: 'Ironite 1-0-1								
			Guarantee:	8	5			20			
			Found:	10.55	5.673			26.84			
	52414	15-10-10	Brand: 'Pennington UltraGreen Color Blooms & Bulbs 15-10-10								
			Guarantee:	1	1			2			
			Found:	2.355	11.43			2.724			
	53604	10-10-10	Brand: 'Pennington All Purpose								
			Guarantee:	1	0.8	1		0.05	2	0.05	0.05
			Found:	6.808	4.216	5.722		0.056	3.555	0.0926	0.065
	53689	10-8-6	Brand: 'Pennington Ultra-Green Azalea Camellia & Rhododendron								
			Guarantee:	7	0.8	8		0.05	2	0.05	0.05
			Found:	6.959	4.242	9.156		0.0457	2.719	0.0913	0.0628
	53693	1-00-1	Brand: 'Ironite								
			Guarantee:	8	5			20			
			Found:	9.91	5.709			<b>18.21</b>			
	53808	10-10-10	Brand: 'Ultra Green All Purpose								
			Guarantee:	5	0.8	1		0.05	2	0.05	0.05
			Found:	6.398	3.706	5.406		<b>0.0363</b>	2.48	0.068	0.0524
	53809	15-10-10	Brand: 'Color Blooms & Bulbs								
			Guarantee:	1	1			2			
			Found:	2.516	9.375			2.119			
Clements Ag Supply Springfield ,KY											
	53506	20-00-00	Brand: AS								
			Guarantee:		23.5						
			Found:		24.01						
	53766	21-00-00	Brand: 'AS								
			Guarantee:		24						
			Found:		23.4						
	53767	20-00-00	Brand: 'AS								
			Guarantee:		23.5						
			Found:		23.22						
	55033	6-15-38	Brand: 'AS								
			Guarantee:		4.1684						
			Found:		5.255						
	55034	6-15-38	Brand: 'AS								
			Guarantee:		4.1684						
			Found:		5.216						

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									
55035	6-15-38	<b>Guarantee:</b>			4.1684					
		<b>Found:</b>	<input type="text"/>		4.027					
55040	00-00-54	<b>Guarantee:</b>			4.8214					1.9018
		<b>Found:</b>	<input type="text"/>		6.862					1.925
55041	00-00-54	<b>Guarantee:</b>			4.8214					1.9018
		<b>Found:</b>	<input type="text"/>		6.686					2.067
55042	00-00-56	<b>Guarantee:</b>			5.625					
		<b>Found:</b>	<input type="text"/>		6.299					
CNI Agriminerals, LLC Albany ,GA										
53308	00-00-00	Brand: 'Ag Min Zinc 36%								
		<b>Guarantee:</b>			3			8		36
		<b>Found:</b>	<input type="text"/>		3.672			10.66		36.4
Compass Minerals USA Inc Overland Park ,KS										
53540	00-00-00	Brand: 'Wolf Trax 18.5% Boron								
		<b>Guarantee:</b>				18.5				
		<b>Found:</b>	<input type="text"/>			18.4				
53543	00-00-00	Brand: 'Wolf Trax 18.5% Boron								
		<b>Guarantee:</b>				18.5				
		<b>Found:</b>	<input type="text"/>			18.4				
Darling Ingredients Inc - TX Irving ,TX										
52692	12-2-6	Brand: '12-2-6 Nature Safe								
		<b>Guarantee:</b>	2		8					
		<b>Found:</b>	<input type="text" value="3.24"/>		8.137					
52693	10-2-8	Brand: '10-2-8 Nature Safe								
		<b>Guarantee:</b>	1.8		3					
		<b>Found:</b>	<input type="text" value="1.678"/>		4.941					
52694	10-00-8	Brand: '10-0-8 Nature Safe								
		<b>Guarantee:</b>	1.8		3					
		<b>Found:</b>	<input type="text" value="1.585"/>		5.159					
52696	9-00-9	Brand: '9-0-9 Nature Safe								
		<b>Guarantee:</b>			3					
		<b>Found:</b>	<input type="text"/>		5.654					
52697	8-5-5	Brand: '8-5-5 Nature Safe								
		<b>Guarantee:</b>	4.5		1					
		<b>Found:</b>	<input type="text" value="5.887"/>		5.335					

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
	52698	8-3-5	Brand: '8-3-5 Nature Safe							
			<b>Guarantee:</b>	3	2.2	4				
			<b>Found:</b>	1.841	2.665	5.502				
	52699	5-6-6	Brand: '5-6-6 Nature Safe							
			<b>Guarantee:</b>	5	1.5	4				
			<b>Found:</b>	5.484	3.811	8.145				
	52701	7-12-00	Brand: '7-12-0 Nature Safe							
			<b>Guarantee:</b>	10						
			<b>Found:</b>	10.73						
	52702	10-2-8	Brand: '10-2-8 Nature Safe							
			<b>Guarantee:</b>	1.8		3				
			<b>Found:</b>	3.552		4.036				
	52703	21-3-7	Brand: '21-3-7 Nature Safe							
			<b>Guarantee:</b>	2		2				
			<b>Found:</b>	4.47		2.439				
	52704	27-00-2	Brand: '27-0-2 Nature Safe							
			<b>Guarantee:</b>	1						
			<b>Found:</b>	2.611						
	52705	16-00-2	Brand: '16-0-2 Nature Safe							
			<b>Guarantee:</b>	1		2				
			<b>Found:</b>	3.427		2.348				
	52706	18-00-4	Brand: '18-0-4 Nature Safe							
			<b>Guarantee:</b>			3				
			<b>Found:</b>			5.132				
	52707	9-6-1	Brand: '9-6-1 Nature Safe							
			<b>Guarantee:</b>	5						
			<b>Found:</b>	7.883						
	54505	21-3-7	Brand: '21-3-7 Nature Safe							
			<b>Guarantee:</b>	2		2				
			<b>Found:</b>	5.265		3.219				
	54508	12-2-6	Brand: '12-2-6 Nature Safe							
			<b>Guarantee:</b>	2		8				
			<b>Found:</b>	2.144		9.333				
	54509	10-2-8	Brand: 'Nature Safe All Season							
			<b>Guarantee:</b>	1.8		3				
			<b>Found:</b>	1.737		3.828				
	54510	7-12-00	Brand: '7-12-0 Nature Safe Organic Fertilizer							
			<b>Guarantee:</b>	10						
			<b>Found:</b>	10.32						

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
	54512	9-6-1	Brand: '9-6-1 Nature Safe Organic Fertilizer							
			<b>Guarantee:</b>	5						
			<b>Found:</b>	7.962						
	54513	8-5-5	Brand: '8-5-5 Nature Safe Landscape							
			<b>Guarantee:</b>	4.5		1				
			<b>Found:</b>	6.179		3.229				
	54514	8-3-5	Brand: '8-3-5 Nature Safe Stress Guard							
			<b>Guarantee:</b>	3	2.2	4				
			<b>Found:</b>	2.157	2.23	5.758				
	54515	5-6-6	Brand: '5-6-6 Nature Safe Starter							
			<b>Guarantee:</b>	5	1.5	4				
			<b>Found:</b>	5.504	3.816	8.037				
Dr. Earth Inc Winters ,CA	53599	4-6-2	Brand: 'Dr. Earth Total Advantage Rose & Flower Fertilizer							
			<b>Guarantee:</b>			2.25				
			<b>Found:</b>			5.844				
	53676	4-6-3	Brand: 'Dr. Earth Home Grown Tomato Vegetable & Herb							
			<b>Guarantee:</b>	7.5						
			<b>Found:</b>	6.303						
	53697	4-6-3	Brand: 'Premium Tomato Vegetable and Herb							
			<b>Guarantee:</b>	7.5						
			<b>Found:</b>	5.468						
Easy Gardener Waco ,TX	52304	3-4-3	Brand: 'Jobe's Knock Out Rose							
			<b>Guarantee:</b>	9	0.5	1				
			<b>Found:</b>	13.01	0.842	1.023				
	52308	3-5-4	Brand: 'Jobe's Annuals & Perennials							
			<b>Guarantee:</b>	8	0.5	1.6				
			<b>Found:</b>	14.48	0.774	1.732				
	52316	4-4-2	Brand: 'Fast Start 4-4-2							
			<b>Guarantee:</b>	8	0.5	1				
			<b>Found:</b>	10.99	0.657	1.974				
	53602	2-5-3	Brand: 'Jobes Organic Vegetable & Tomato							
			<b>Guarantee:</b>	7	0.5	1.4				
			<b>Found:</b>	13.82	0.925	1.42				
	53603	4-4-4	Brand: 'Jobes Organic All Purpose							
			<b>Guarantee:</b>	8	0.5	1.4				
			<b>Found:</b>	8.54	0.568	<b>1.049</b>				

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
	53690	2-7-4	Brand: 'Jobes Organics Vegetable & Tomato							
			Guarantee:	7	0.5	1.4				
			Found:	17.16	0.776	1.864				
	53709	3-5-5	Brand: 'Jobes Organics Fruit & Nut Granular Plant Food							
			Guarantee:	8	0.5	1.6				
			Found:	13.83	0.886	<b>0.7683</b>				
	53862	2-7-4	Brand: 'Jobes Organics							
			Guarantee:	7	0.5	1.4				
			Found:	15.72	0.746	1.316				
	54869	2-5-3	Brand: 'Jobes Tomato and Vegetable							
			Guarantee:	7	0.5	1.4				
			Found:	14.36	0.88	1.188				
Eau Claire CO-OP Oil Company Eau Claire ,WI										
	52420	23-00-10	Brand: 'Menards Fall Lawn Food with Weed Control 23-0-10							
			Guarantee:					1		
			Found:					0.98		
	52421	22-00-10	Brand: 'Menards Fall Lawn Food Winterizer 22-0-10							
			Guarantee:					1		
			Found:					<b>0.792</b>		
	52422	15-23-10	Brand: 'Menards Starter 15-23-10							
			Guarantee:					1		
			Found:					1.351		
	53898	4-3-00	Brand: '4-3-0 Ideal Natural Lawn Fertilizer							
			Guarantee:	3.4		1		1.5		
			Found:	3.096		0.942		1.457		
	53899	28-00-3	Brand: '28-0-3 Menards Premium Weed & Feed							
			Guarantee:					1		
			Found:					1.112		
EcoScraps Marysville ,OH										
	52305	4-6-3	Brand: 'Rose and Flower							
			Guarantee:	1						
			Found:	17.52						
	52317	2-14-00	Brand: 'Fresh Start 2-14-0							
			Guarantee:	1						
			Found:	23.32						
	53810	5-5-5	Brand: 'Eco Scraps All Purpose							
			Guarantee:	1						
			Found:	14.35						

Espoma Company Millville ,NJ

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
	52897	3-4-6	Brand: 'Espoma Organic Tomato-Tone							
			Guarantee:	8	3					
			Found:	11.24	3.154					
	53616	4-3-3	Brand: 'Bio-Tone Starter Plus							
			Guarantee:	3	1	1				
			Found:	8.166	1.284	1.801				
Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY										
	52911	21-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		23.73					
	53494	17-11-25	Brand: 'AS							
			Guarantee:		3.4456					0.9188
			Found:		4.164					<b>0.426</b>
	53497	22-6-23	Brand: 'AS							
			Guarantee:			0.5141				
			Found:			0.5330				
Fleming County Farm Supply Flemingsburg ,KY										
	53339	21-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		23.32					
	53340	00-00-22	Brand: 'KMag							
			Guarantee:		11	22				
			Found:		10.98	21.74				
	53349	21-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		<b>22.2</b>					
Foxfarm Soil & Fertilizer Company Arcata ,CA										
	53760	6-4-4	Brand: 'Grow Big Liquid Plant Food							
			Guarantee:	0.6		0.02	0.05	0.1	0.05	0.05
			Found:	0.76		0.0233	0.0631	0.156	0.0653	0.0653
	53793	6-4-4	Brand: 'Grow Big 6-4-4							
			Guarantee:	0.6		0.02	0.05	0.1	0.05	0.05
			Found:	0.735		0.0222	0.0621	0.151	0.0629	0.0621
	53794	2-8-4	Brand: 'Tiger Bloom 2-8-4							
			Guarantee:	0.05		0.02	0.05	0.12	0.06	0.05
			Found:	0.591		0.0250	0.0665	0.123	0.0766	0.0694
Gaskins Fertilizer Russell Springs ,KY										
	53034	21-00-00	Brand: 'AMS							
			Guarantee:		24					
			Found:		23.93					

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									
GreenPoint Ag, LLC Hardinsburg ,KY										
53720	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.1					
54725	21-15-13									
		Guarantee:			5.3313					
		Found:	<input type="text"/>		6.359					
54726	8-22-29									
		Guarantee:			3.2609	0.1295				
		Found:	<input type="text"/>		4.763	0.1290				
Gro Tec Inc Madison ,GA										
52302	12-6-6	Brand: 'Expert Evergreen								
		Guarantee:			3					
		Found:	<input type="text"/>		4.514					
52412	26-00-12	Brand: 'Sta-Green Winterizer Weed & Feed 26-0-12								
		Guarantee:			9					
		Found:	<input type="text"/>		9.094					
52423	32-00-10	Brand: 'Sta Green Winterizer 32-0-10								
		Guarantee:			1.4					
		Found:	<input type="text"/>		1.208					
53601	12-10-10	Brand: 'Ironite Plus								
		Guarantee:			9	0.02		2	0.1	0.1
		Found:	<input type="text"/>		<b>7.33</b>	<b>0.0125</b>		<b>1.332</b>	0.111367	<b>0.0826</b>
53674	24-8-16	Brand: 'Sta-Green All Purpose Water Soluble Plant Food								
		Guarantee:				0.02	0.07	0.15	0.05	0.06
		Found:	<input type="text"/>			0.0160	<b>0.043</b>	<b>0.094</b>	0.045	0.053
53687	19-6-12	Brand: 'Sta-Green All Purpose								
		Guarantee:			4.6					
		Found:	<input type="text"/>		5.117					
53708	19-6-12	Brand: 'Sta-Green Indoor & Outdoor All Purpose Plant Food								
		Guarantee:			4.6					
		Found:	<input type="text"/>		4.681					
53757	29-00-5	Brand: 'Sta-Green Lawn Fertilizer +2% Iron								
		Guarantee:						2		
		Found:	<input type="text"/>					1.922		
53814	12-5-7	Brand: 'Expert Gardener All Purpose								
		Guarantee:						0.5	0.2	0.05
		Found:	<input type="text"/>					0.786	0.22	0.0735

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									
53815	12-10-5	Brand: 'Expert Gardener Tomato & Vegetable								
		<b>Guarantee:</b>	3	2	7			1	0.2	0.05
		<b>Found:</b>	6.423	5.068	8.272			2.009	0.238	0.0612
53864	32-00-10	Brand: 'Sta-Green Winterizer Lawn Fertilizer								
		<b>Guarantee:</b>			1.4					
		<b>Found:</b>			1.625					
54870	19-6-12	Brand: 'All Purpose								
		<b>Guarantee:</b>			4.6					
		<b>Found:</b>			5.108					
Helena Agri-Enterprises - Hazel Hazel ,KY										
53882	9-16-26									
		<b>Guarantee:</b>		2.5085	5.017	0.2289				0.1294
		<b>Found:</b>		2.614	5.55	0.2260				<b>0.106</b>
53883	9-16-26									
		<b>Guarantee:</b>		2.5085	5.017	0.2289				0.1294
		<b>Found:</b>		3.072	5.828	0.2250				0.119
53884	9-16-26									
		<b>Guarantee:</b>		2.5085	5.017	0.2289				0.1294
		<b>Found:</b>		2.917	5.533	0.2240				0.129
53885	9-16-26									
		<b>Guarantee:</b>		2.5085	5.017	0.2289				0.1294
		<b>Found:</b>		2.873	5.573	0.2530				0.129
53886	9-16-26									
		<b>Guarantee:</b>		2.5085	5.017	0.2289				0.1294
		<b>Found:</b>		3.008	6.014	0.2120				0.125
53887	9-16-26									
		<b>Guarantee:</b>		2.5085	5.017	0.2289				0.1294
		<b>Found:</b>		2.91	5.655	0.2540				0.128
53888	12-21-23									
		<b>Guarantee:</b>			3.8393					
		<b>Found:</b>			4.959					
53890	34-00-00									
		<b>Guarantee:</b>			11.0472					
		<b>Found:</b>			10.83					
54611	18-20-8									
		<b>Guarantee:</b>		3.7878	7.7159					
		<b>Found:</b>		3.696	8.945					

Helena Agri-Enterprises - Hickman Hickman ,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									
52612	23-26-00	<b>Guarantee:</b>			6.8571					
		<b>Found:</b>	<input type="text"/>		8.126					
54604	25-19-00	<b>Guarantee:</b>			6.4827					
		<b>Found:</b>	<input type="text"/>		6.782					
54605	30-18-00	<b>Guarantee:</b>			5.3799					
		<b>Found:</b>	<input type="text"/>		5.844					
54606	25-19-00	<b>Guarantee:</b>			6.4827					
		<b>Found:</b>	<input type="text"/>		6.738					
54607	18-13-17	<b>Guarantee:</b>			4.5941					
		<b>Found:</b>	<input type="text"/>		5.021					
54608	18-13-17	<b>Guarantee:</b>			4.5938					
		<b>Found:</b>	<input type="text"/>		5.373					
54879	11-19-25	<b>Guarantee:</b>			4.2347					
		<b>Found:</b>	<input type="text"/>		5.565					
54880	11-19-25	<b>Guarantee:</b>			4.2347					
		<b>Found:</b>	<input type="text"/>		5.561					
54881	11-19-25	<b>Guarantee:</b>			4.2347					
		<b>Found:</b>	<input type="text"/>		5.506					
54882	11-19-25	<b>Guarantee:</b>			4.2347					
		<b>Found:</b>	<input type="text"/>		6.128					
Helena Agri-Enterprises, LLC - Collierville Collierville ,TN										
52511	21-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.75					
52611	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.35					

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									
53025	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.66					
54521	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.6					
Henry Farmers Cooperative - Murray Murray ,KY										
53893	18-36-00									
		Guarantee:		0.1955	5.0452	0.0568				0.1434
		Found:	<input type="text"/>	0.561	6.726	<b>0.0352</b>				<b>0.0509</b>
54609	10-14-18									
		Guarantee:			4.7962					
		Found:	<input type="text"/>		5.457					
54610	10-14-18									
		Guarantee:			4.7962					
		Found:	<input type="text"/>		5.19					
Henry Farmers Cooperative - Paris Paris ,TN										
52583	00-00-22	Brand: 'K-Mag								
		Guarantee:		10.5	21					
		Found:	<input type="text"/>	9.961	21.22					
53016	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.93					
Henry Farmers Cooperative - Salem Salem ,KY										
54159	10-25-25									
		Guarantee:			3.3992					0.0801
		Found:	<input type="text"/>		4.806					0.091
54160	10-25-25									
		Guarantee:			3.3992					0.0801
		Found:	<input type="text"/>		4.469					0.0828
54161	10-25-25									
		Guarantee:			3.3992					0.0801
		Found:	<input type="text"/>		4.691					0.0847
54162	10-25-25									
		Guarantee:			3.3992					0.0801
		Found:	<input type="text"/>		3.954					0.079
Hinton Mills at Cynthiana Cynthiana ,KY										
54291	24-20-12									
		Guarantee:			1.2885					
		Found:	<input type="text"/>		2.383					

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									
54677	9-23-30									
		<b>Guarantee:</b>			0.7377	0.082				
		<b>Found:</b>			1.826	0.0829				
Hydrite Chemical Company Brookville ,WI										
54423	12-00-00	Brand: 'ATS								
		<b>Guarantee:</b>			26					
		<b>Found:</b>			28.52					
54426	12-00-00	Brand: 'ATS								
		<b>Guarantee:</b>			26					
		<b>Found:</b>			29.24					
HYR BRIX Fertilizer Delaware ,OH										
54877	26-6-10	Brand: 'HyR BRIX Sweet Corn Fert								
		<b>Guarantee:</b>	2.71	0.54	6.85	0.077	0.0632	0.265		0.2293
		<b>Found:</b>	3.636	0.984	7.031	0.0715	0.0936	0.292		0.242985
Innqvist Crop Care LLC Loveland ,CO										
53988	20-00-6	Brand: 'Novus K 20-0-6								
		<b>Guarantee:</b>			3	0.25		0.1		
		<b>Found:</b>			3.046	0.2690		0.0858		
53989	10-20-5	Brand: 'Captivate 10-20-5								
		<b>Guarantee:</b>			1					0.43
		<b>Found:</b>			1.23					0.399
Insta-Gro Manufacturing Inc. Caledonia ,OH										
55029	2-00-24	Brand: '2-0-24								
		<b>Guarantee:</b>			16					
		<b>Found:</b>			16.43					
International Mulch Company, Inc. Des Peres ,MO										
53789	4-4-4	Brand: 'Burpee Organic All Purpose 4-4-4								
		<b>Guarantee:</b>	4	1	1			0.5	0.05	
		<b>Found:</b>	5.086	0.955	1.392			0.784	0.06	
53816	5-4-4	Brand: 'Expert Gardener Organics All Purpose								
		<b>Guarantee:</b>	8	1	1.4					
		<b>Found:</b>	5.759	0.911	2.118					
53817	4-5-3	Brand: 'Expert Gardener Organics Flower Food								
		<b>Guarantee:</b>	8	0.5	1					
		<b>Found:</b>	7.49275	0.885	2.128					
JM Fertilizer Tampa ,FL										
54281	00-00-00	Brand: 'JM Fertilizer Mega S								
		<b>Guarantee:</b>			90					
		<b>Found:</b>			90.88					
Kee's Farm Service & Supply, LLC. Grayson ,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									
54667	12-30-16									
		Guarantee:				0.6486				1.7791
		Found:	<input type="text"/>			0.6400				2.058
54668	12-30-15									
		Guarantee:				0.6574				1.8032
		Found:	<input type="text"/>			0.6300				1.809
Kentucky Fertilizer - Winchester Winchester ,KY										
53336	35-00-00	Brand: 'Kentucky Green								
		Guarantee:				9.5				
		Found:	<input type="text"/>			10.2				
54503	24-5-11	Brand: '24-5-11								
		Guarantee:						2		
		Found:	<input type="text"/>					<b>1.566</b>		
55057	35-00-00	Brand: 'Kentucky Green								
		Guarantee:				9.5				
		Found:	<input type="text"/>			10.17				
Knox Fertilizer Company Inc Knox ,IN										
52472	24-8-16	Brand: '24-8-16 K Gro All-Purpose								
		Guarantee:					0.05	0.1	0.05	0.05
		Found:	<input type="text"/>				0.0592	0.123	0.0629	0.0504
52473	15-30-15	Brand: '15-30-15 K Gro All-Purpose								
		Guarantee:					0.05	0.1	0.05	0.05
		Found:	<input type="text"/>				0.0472	0.113	0.0478	0.0432
Lebanon Seaboard Corporation Lebanon ,PA										
54517	34-00-00	Brand: 'Mesa 34-0-0								
		Guarantee:				7.4				
		Found:	<input type="text"/>			7.146				
Lesco Inc. Cleveland ,OH										
53399	14-20-4	Brand: 'Lesco Bag 14-20-4								
		Guarantee:						0.36		
		Found:	<input type="text"/>					1.74		
53795	21-00-00	Brand: 'AS								
		Guarantee:				20				
		Found:	<input type="text"/>			21.87				
53796	28-00-3	Brand: 'Lesco 28-0-3								
		Guarantee:						0.7		
		Found:	<input type="text"/>					<b>0.536</b>		
Lilly Miller Brands - Atlanta Atlanta ,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									
52307	4-6-6	Brand: 'Alaska Vegetable & Tomato Guarantee: 7 Found: 7.268								
Loveland Products, Inc. Greeley ,CO										
54416	7-17-3	Brand: 'Riser 7-17-3 Guarantee: Found:					0.07 0.058	0.2 0.288	0.06 0.062	0.95 0.930
54417	7-17-3	Brand: 'Riser 7-17-3 Guarantee: Found:					0.07 0.065	0.2 0.224	0.06 0.0673	0.95 0.964
54418	7-17-3	Brand: 'Riser 7-17-3 Guarantee: Found:					0.07 0.0697	0.2 0.223	0.06 0.0705	0.95 0.982
54427	7-17-3	Brand: 'Riser 7-17-3 Guarantee: Found:					0.07 0.0898	0.2 0.348	0.06 0.0589	0.95 0.937
Martin Operating Partnership LP Kilgore ,TX										
52298	00-00-00	Brand: 'Martin DisPerSul 90% S Guarantee: Found:			90 90.4					
52863	00-00-00	Brand: 'Tiger-Sul 90 Guarantee: Found:			90 88.0					
53544	00-00-00	Brand: 'Disper-Sul 90S Guarantee: Found:			90 90.94					
53738	00-00-00	Brand: 'Sulfur 90% Guarantee: Found:			90 91.6					
55115	00-00-00	Brand: '90% Sulfur Guarantee: Found:			90 90.33					
Mays Lick Mill Mayslick ,KY										
54499	00-00-22	Guarantee: Found:				0.3657 0.3240				
54684	00-00-23	Guarantee: Found:				0.502 0.4710				
Milwaukee Metro Sewerage District Milwaukee ,WI										

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
	52427	6-4-00	Brand: 'Milorganite All Purpose Long Lasting							
			<b>Guarantee:</b> 1.2					2.5		
			<b>Found:</b> 2.687					3.607		
Miracle-Gro Lawn Products, Inc. Marysville ,OH										
	52327	12-4-8	Brand: 'Miracle Gro							
			<b>Guarantee:</b> 7.6	2.5	3.2		0.06	0.95	0.35	0.12
			<b>Found:</b> 9.033	3.195	4.895		0.0685	1.275	0.43	0.129
	53618	24-8-16	Brand: 'Miracle Gro All Purpose Water Sol							
			<b>Guarantee:</b>			0.02	0.07	0.15	0.05	0.06
			<b>Found:</b>			0.0237	0.0936	0.212	0.0611	0.0801
	53675	10-18-9	Brand: 'Miracle-Gro Shake n Feed Rose & Bloom							
			<b>Guarantee:</b> 4.3	2.1	4.2		0.05	0.92	0.34	0.11
			<b>Found:</b> 6.135	3.006	5.645		0.0706	1.348	0.407	0.145
	53686	12-4-8	Brand: 'Miracle Gro Shake n Feed All Purpose							
			<b>Guarantee:</b> 7.6	2.5	3.2		0.06	0.95	0.35	0.12
			<b>Found:</b> 8.731	3.637	5.316		0.0937	1.249	0.549	0.234
	53691	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> 11.78	1.864	7.038		0.0694	0.94	0.341	0.142
	53710	10-5-15	Brand: 'Miracle-Gro Shake N Feed Tomato Fruit & Vegetable Plant Food							
			<b>Guarantee:</b> 5.6	2.9	6		0.05	0.92	0.34	0.11
			<b>Found:</b> 7.491	3.701	7.018		0.0707	1.004	0.452	0.141
	53711	10-2-8	Brand: 'Miracle-Gro Nature s Care Organic & Natural Raised Bed Plant Food							
			<b>Guarantee:</b> 1.8		3					
			<b>Found:</b> 2.688		5.571					
	53755	12-9-6	Brand: 'Miracle -Gro Liqua Feed Bloom Booster							
			<b>Guarantee:</b>						0.05	0.05
			<b>Found:</b>						0.0544	0.0656
Monty's Plant Food Louisville ,KY										
	54874	8-16-8	Brand: 'Premium Growth Plant Food							
			<b>Guarantee:</b>					0.3		0.05
			<b>Found:</b>					0.33		0.0555
Mosaic Global Sales, LLC. Lithia ,FL										
	53276	00-00-22	Brand: 'Spm							
			<b>Guarantee:</b>	10.5	21.5					
			<b>Found:</b>	11.01	20.87					
Nutrien Ag Solutions - Russellville Russellville ,KY										
	54080	10-20-26								
			<b>Guarantee:</b>		2.6478	0.0993				
			<b>Found:</b>		3.84	0.0995				

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								
54081	10-20-26								
		<b>Guarantee:</b>		2.6478	0.0993				
		<b>Found:</b>	<input type="text"/>	3.412	0.1140				
Nutrien Ag Solutions - Campbellsville Campbellsville ,KY									
54394	13-19-21								
		<b>Guarantee:</b>		4.8548					
		<b>Found:</b>	<input type="text"/>	5.57					
54397	21-14-16								
		<b>Guarantee:</b>		4.8731					
		<b>Found:</b>	<input type="text"/>	5.677					
54399	36-00-00								
		<b>Guarantee:</b>		8.8694					
		<b>Found:</b>	<input type="text"/>	9.638					
54400	13-20-21								
		<b>Guarantee:</b>		4.8475					
		<b>Found:</b>	<input type="text"/>	5.397					
54401	20-15-13								
		<b>Guarantee:</b>		5.0046					1.0426
		<b>Found:</b>	<input type="text"/>	6.442					1.023
Nutrien Ag Solutions - Cecilia Cecilia ,KY									
53914	21-14-11								
		<b>Guarantee:</b>		6.9091					
		<b>Found:</b>	<input type="text"/>	7.436					
53920	5-13-42								
		<b>Guarantee:</b>			0.2595				
		<b>Found:</b>	<input type="text"/>		<b>0.1840</b>				
Nutrien Ag Solutions - Clay Clay ,KY									
54734	11-18-26								
		<b>Guarantee:</b>		4.4093					0.4409
		<b>Found:</b>	<input type="text"/>	4.534					0.448
54735	11-18-26								
		<b>Guarantee:</b>		4.4093					0.4409
		<b>Found:</b>	<input type="text"/>	4.53					0.445
54736	11-18-26								
		<b>Guarantee:</b>		4.4093					0.4409
		<b>Found:</b>	<input type="text"/>	5.005					0.491
54737	11-18-26								
		<b>Guarantee:</b>		4.4093					0.4409
		<b>Found:</b>	<input type="text"/>	3.9927					0.403472

Values in bold are deficient.

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
54738	6-20-30									
		<b>Guarantee:</b>			4.9972					0.4997
		<b>Found:</b>	<input type="text"/>		4.685					0.468
54739	6-20-30									
		<b>Guarantee:</b>			4.9972					0.4997
		<b>Found:</b>	<input type="text"/>		4.921					0.477
Nutrien Ag Solutions - Clinton Clinton ,KY										
54602	12-17-22									
		<b>Guarantee:</b>			6.7322					
		<b>Found:</b>	<input type="text"/>		7.736					
54603	8-19-31									
		<b>Guarantee:</b>	0.766		2.55	0.0383		0.0255		0.383
		<b>Found:</b>	0.616		2.888	0.0491		0.491		0.355
Nutrien Ag Solutions - Ekron Ekron ,KY										
54450	24-11-16									
		<b>Guarantee:</b>			2.6714					
		<b>Found:</b>	<input type="text"/>		2.735					
Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY										
54306	14-16-25									
		<b>Guarantee:</b>	0.4603		2.0829	0.0229		0.0208		0.3124
		<b>Found:</b>	0.511		3.238	0.0320		0.347		0.416
54307	14-16-25									
		<b>Guarantee:</b>	0.4603		2.0829	0.0229		0.0208		0.3124
		<b>Found:</b>	0.428		2.787	0.0283		0.333		0.332
54308	8-20-30									
		<b>Guarantee:</b>	0.442		2	0.022		0.02		0.3
		<b>Found:</b>	0.47		3.229	0.0327		0.421		0.353
54309	8-20-30									
		<b>Guarantee:</b>	0.442		2	0.022		0.02		0.3
		<b>Found:</b>	0.458		3.055	0.0343		0.401		0.339
54310	11-18-24									
		<b>Guarantee:</b>			4.8					
		<b>Found:</b>	<input type="text"/>		6.455					
54311	11-18-24									
		<b>Guarantee:</b>			4.8					
		<b>Found:</b>	<input type="text"/>		5.903					
54312	9-22-27									
		<b>Guarantee:</b>	0.4889		2.2222	0.0244		0.0222		0.3333
		<b>Found:</b>	0.555		3.384	0.0367		0.452		0.44

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									
54313	9-22-27	<b>Guarantee:</b>	0.4911		2.2222	0.0244		0.0222		0.3333
		<b>Found:</b>	0.622		3.48	0.0364		0.422		0.51
54998	8-19-30	<b>Guarantee:</b>	0.5		2.5	0.0375		0.025		0.375
		<b>Found:</b>	0.704		3.148	0.0382		0.628		0.416
54999	8-19-30	<b>Guarantee:</b>	0.5		2.5	0.0375		0.025		0.375
		<b>Found:</b>	0.702		3.13	0.0453		0.549		0.399
Nutrien Ag Solutions - Greeley Greeley ,CO										
52438	11-38-00	Brand: 'SZ MesZ								
		<b>Guarantee:</b>			9.9					0.97
		<b>Found:</b>			9.261					0.929
52441	00-00-22	Brand: 'K Mag								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>		11.08	21.44					
52457	12-40-00	Brand: 'MEZ								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>			10.69					0.984
52504	00-00-58	Brand: 'Aspire								
		<b>Guarantee:</b>				0.5				
		<b>Found:</b>				0.5090				
52506	12-40-00	Brand: 'MES10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>			9.42					
52604	00-00-22	Brand: 'K-Mag								
		<b>Guarantee:</b>		10	21					
		<b>Found:</b>		10.27	21.61					
52632	12-40-00	Brand: 'MEZ								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>			10.68					0.939
52647	12-40-00	Brand: 'MEZ								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>			9.483					0.987
52960	00-00-58	Brand: 'Aspire								
		<b>Guarantee:</b>				0.5				
		<b>Found:</b>				0.5090				

Values in bold are deficient.

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
52961	12-40-00	Brand: 'MES Z								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		10.3					0.948
52996	00-00-00	Brand: 'Sul4-Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	<input type="text" value="20.1"/>		17.61					
52997	20-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.95					
53032	12-40-00	Brand: 'MEZ								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		10.01					0.944
53119	20-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.03					
53164	20-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.99					
53166	20-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.68					
53249	00-00-58	Brand: 'Aspire								
		<b>Guarantee:</b>				0.5				
		<b>Found:</b>	<input type="text"/>			0.5370				
53251	12-40-00	Brand: 'MES10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.818					
53257	12-40-00	Brand: 'MES10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.629					
53382	00-00-00	Brand: 'Sul4r-Plus B+Z								
		<b>Guarantee:</b>	18		17	0.5				1.5
		<b>Found:</b>	<input type="text" value="18.5"/>		16.8	0.458				1.61
53383	20-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.8					
53385	00-00-22	Brand: 'K Mag								
		<b>Guarantee:</b>		10.5	21					
		<b>Found:</b>	<input type="text"/>	10.46	20.4					

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									
53450	21-00-00	Brand: 'AS Guarantee: Found:			24 24.02					
53451	00-00-22	Brand: 'K-MAG Guarantee: Found:		11 11.31	22 21.12					
53510	4-6-32	Brand: 'Agrim NPK 4-6-32 Guarantee: Found:	3 2.2145		10 10.42	0.15 0.1160		0.1 0.36		1.5 2.01
53578	12-40-00	Brand: 'MEZ Guarantee: Found:			10 10.27					1 0.987
53579	12-40-00	Brand: 'MEZ Guarantee: Found:			10 10.3					1 0.983
53621	12-40-00	Brand: 'MES Guarantee: Found:			10 10.5					
53624	21-00-00	Brand: 'AS Guarantee: Found:			24 24.3					
53671	6-12-18	Brand: 'Rainbow Tobacco 6-12-18 Guarantee: Found:	5 4.856		10 13.11	0.05 0.0706		0.25 0.367		0.05 0.0595
53702	12-40-00	Brand: 'MEZ Guarantee: Found:			10 9.686					1 0.995
54454	20-00-00	Brand: 'Ammonium Sulfate Guarantee: Found:			24 24.01					
Nutrien Ag Solutions - Hardin Hardin ,KY										
54812	8-21-30	Guarantee: Found:	0.4283 0.525		1.4276 2.032	0.0214 0.0309		0.0143 0.495		0.2141 0.21
54813	8-21-30	Guarantee: Found:	0.4283 0.524		1.4276 2.052	0.0214 0.0278		0.0143 0.507		0.2141 0.218
Nutrien Ag Solutions - 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								
54245	23-13-11								
		<b>Guarantee:</b>		6.2298					
		<b>Found:</b>	<input type="text"/>	7.234					
54246	23-13-11								
		<b>Guarantee:</b>		6.2298					
		<b>Found:</b>	<input type="text"/>	7.098					
54247	23-13-11								
		<b>Guarantee:</b>		6.2298					
		<b>Found:</b>	<input type="text"/>	6.853					
54253	23-13-11								
		<b>Guarantee:</b>		6.2298					
		<b>Found:</b>	<input type="text"/>	7.605					
54254	29-15-00								
		<b>Guarantee:</b>		7.7307					
		<b>Found:</b>	<input type="text"/>	9.189					
Nutrien Ag Solutions - Horse Cave Horse Cave ,KY									
54149	34-00-15								
		<b>Guarantee:</b>							0.3238
		<b>Found:</b>	<input type="text"/>						<b>0.232</b>
54150	11-16-31								
		<b>Guarantee:</b>		2.3864	0.1326				0.2652
		<b>Found:</b>	<input type="text"/>	3.295	0.1730				0.301
54240	34-8-00								
		<b>Guarantee:</b>		6.1483					
		<b>Found:</b>	<input type="text"/>	7.454					
Nutrien Ag Solutions - Kevil Kevil ,KY									
54268	12-19-21								
		<b>Guarantee:</b>		5.64					
		<b>Found:</b>	<input type="text"/>	7.208					
54531	6-15-35								
		<b>Guarantee:</b>	0.8571	2.8571	0.0429		0.0286		0.4286
		<b>Found:</b>	<input type="text" value="0.802"/>	2.918	0.0453		0.427		0.482
54532	10-18-26								
		<b>Guarantee:</b>	0.3748	4.2472	0.0187		0.0125		0.1874
		<b>Found:</b>	<input type="text" value="0.47"/>	4.788	0.0261		0.448		0.225
54533	10-18-26								
		<b>Guarantee:</b>	0.3748	4.2472	0.0187		0.0125		0.1874
		<b>Found:</b>	<input type="text" value="0.497"/>	4.673	0.0259		0.428		0.208

Values in bold are deficient.

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
54534	10-18-26	<b>Guarantee:</b>	0.3748		4.2473	0.0187		0.0125		0.1874
		<b>Found:</b>	0.476		4.52	0.0267		0.442		0.228
54535	9-18-26	<b>Guarantee:</b>	0.3748		4.2473	0.0187		0.0125		0.1874
		<b>Found:</b>	0.437		4.679	0.0277		0.434		0.207
Nutrien Ag Solutions - Lebanon Lebanon ,KY										
54791	22-9-00	<b>Guarantee:</b>	4.4691		9.9313		0.1564			0.37
		<b>Found:</b>	4.733		10.7		0.14017			0.382
54792	22-9-00	<b>Guarantee:</b>	4.4691		9.9313		0.1564			0.37
		<b>Found:</b>	5.173		10.77		0.189			0.41
54793	22-9-00	<b>Guarantee:</b>	4.4691		9.9313		0.1564			0.37
		<b>Found:</b>	4.805		10.73		0.166			0.39
54794	22-9-00	<b>Guarantee:</b>	4.4701		9.9335		0.1514			0.37
		<b>Found:</b>	4.878		10.8		0.1882			0.406
54795	22-9-00	<b>Guarantee:</b>	4.4701		9.9335		0.1514			0.37
		<b>Found:</b>	4.622		10.37		0.1611			0.377
54799	21-17-12	<b>Guarantee:</b>			4.9919					
		<b>Found:</b>			5.583					
54800	20-16-15	<b>Guarantee:</b>			4.7446					
		<b>Found:</b>			5.147					
Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY										
55093	30-00-00	<b>Guarantee:</b>			2.5967					
		<b>Found:</b>			3.803					
55094	24-00-00	<b>Guarantee:</b>			10.0015					
		<b>Found:</b>			11.01					
55095	30-00-00	<b>Guarantee:</b>			2.2708					
		<b>Found:</b>			3.511					

Nutrien Ag Solutions - Morganfield Morganfield ,KY

Values in bold are deficient.

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
52740	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.396					0.478
52741	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.264					0.477
52742	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.249					0.482
52743	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.578					0.513
52744	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.429					0.496
52745	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.573					0.505
52746	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.273					0.491
52747	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.693					0.499
52748	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.285					0.491
52749	6-20-29									
		<b>Guarantee:</b>			5.119					0.5119
		<b>Found:</b>	<input type="text"/>		5.702					0.506
Nutrien Ag Solutions - Pembroke Pembroke ,KY										
52436	7-17-33									
		<b>Guarantee:</b>		1.3745	2.749					
		<b>Found:</b>	<input type="text"/>	1.606	3.303					
52437	7-17-33									
		<b>Guarantee:</b>		1.3745	2.749					
		<b>Found:</b>	<input type="text"/>	1.682	3.274					

Values in bold are deficient.

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
52463	9-23-25									
		<b>Guarantee:</b>		1.375	2.75					
		<b>Found:</b>	<input type="text"/>	1.669	3.145					
52464	9-23-25									
		<b>Guarantee:</b>		1.375	2.75					
		<b>Found:</b>	<input type="text"/>	1.675	3.272					
52465	9-23-25									
		<b>Guarantee:</b>		1.375	2.75					
		<b>Found:</b>	<input type="text"/>	1.825	3.606					
52466	9-23-25									
		<b>Guarantee:</b>		1.375	2.75					
		<b>Found:</b>	<input type="text"/>	1.754	3.367					
52467	9-23-25									
		<b>Guarantee:</b>		1.375	2.75					
		<b>Found:</b>	<input type="text"/>	1.718	3.316					
52468	9-23-25									
		<b>Guarantee:</b>		1.375	2.75					
		<b>Found:</b>	<input type="text"/>	1.762	3.263					
53661	13-19-21									
		<b>Guarantee:</b>			4.8313	0.1816				
		<b>Found:</b>	<input type="text"/>		5.164	0.1940				
53662	13-19-21									
		<b>Guarantee:</b>			4.8313	0.1816				0.4831
		<b>Found:</b>	<input type="text"/>		5.094	0.1980				0.504
Nutrien Ag Solutions - Sacramento Sacramento ,KY										
54095	27-9-12									
		<b>Guarantee:</b>			7.3469					
		<b>Found:</b>	<input type="text"/>		8.267					
Nutrien Ag Solutions - Sedalia Sedalia ,KY										
54816	7-17-33									
		<b>Guarantee:</b>		1.3739	2.7477					
		<b>Found:</b>	<input type="text"/>	1.632	3.163					
54817	7-17-33									
		<b>Guarantee:</b>		1.3739	2.7477					
		<b>Found:</b>	<input type="text"/>	1.494	2.629					
54818	9-23-25									
		<b>Guarantee:</b>		1.3738	2.7475					
		<b>Found:</b>	<input type="text"/>	1.899	3.509					

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								
54819	9-23-25	<b>Guarantee:</b>		1.3738		2.7475			
		<b>Found:</b>	<input type="text"/>	1.868		3.642			
Nutrien Ag Solutions - Shelbyville Shelbyville ,KY									
54026	12-12-15	<b>Guarantee:</b>	6.1001		5.4223		0.1694		0.50834
		<b>Found:</b>	<input type="text" value="6.203"/>		6.172		0.1590		0.535
Nutrien Ag Solutions - Upton Upton ,KY									
54334	24-18-13	<b>Guarantee:</b>			2.3922				
		<b>Found:</b>	<input type="text"/>		2.516				
Nutrien Ag Solutions - Waverly Waverly ,KY									
52709	6-20-29	<b>Guarantee:</b>			4.9715		0.1243		0.0259
		<b>Found:</b>	<input type="text"/>		5.365		0.133		0.0704
52710	6-20-29	<b>Guarantee:</b>			4.9715		0.1243		0.0259
		<b>Found:</b>	<input type="text"/>		5.01		0.129		0.0682
52711	6-20-29	<b>Guarantee:</b>			4.9715		0.1243		0.0259
		<b>Found:</b>	<input type="text"/>		4.954		0.132		0.0693
52712	6-20-29	<b>Guarantee:</b>			4.9715		0.1243		0.0259
		<b>Found:</b>	<input type="text"/>		5.658		0.126		0.075
52713	6-20-29	<b>Guarantee:</b>			4.9715		0.1243		0.0259
		<b>Found:</b>	<input type="text"/>		5.264		0.128		0.0705
54198	6-20-30	<b>Guarantee:</b>			5		0.125		
		<b>Found:</b>	<input type="text"/>		5.724		0.1700		
54199	6-20-30	<b>Guarantee:</b>			5		0.125		
		<b>Found:</b>	<input type="text"/>		5.312		0.1500		
54200	6-19-29	<b>Guarantee:</b>			4.8339		0.1209		
		<b>Found:</b>	<input type="text"/>		5.821		0.1520		
54201	6-19-29	<b>Guarantee:</b>			4.8339		0.1209		
		<b>Found:</b>	<input type="text"/>		5.543		0.1360		

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								
54202	17-17-17								
		<b>Guarantee:</b>		4.3687					
		<b>Found:</b>	<input type="text"/>	4.665					
Organic Laboratories Inc Fort Pierce ,FL									
52896	4-2-6	Brand: 'Plant Doctor Tomato Maker							
		<b>Guarantee:</b>	6	0.5			0.3		
		<b>Found:</b>	<input type="text" value="6.959"/>	3.35			0.407		
53615	4-2-6	Brand: 'Tomato Maker							
		<b>Guarantee:</b>	6	0.5			0.3		
		<b>Found:</b>	<input type="text" value="6.487"/>	3.237			0.364		
53695	4-2-6	Brand: 'Tomato Maker							
		<b>Guarantee:</b>	6	0.5			0.3		
		<b>Found:</b>	<input type="text" value="7.32"/>	3.501			0.457		
Otis Bryant & Son, Inc. Caneyville ,KY									
54145	18-18-18								
		<b>Guarantee:</b>		6.2791					
		<b>Found:</b>	<input type="text"/>	5.864					
Parrish Shop & Sales, LLC Henderson ,KY									
54422	7-24-6	Brand: '7-24-6-4S							
		<b>Guarantee:</b>		4					
		<b>Found:</b>	<input type="text"/>	3.723					
Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL									
52346	4-3-2	Brand: 'Rose & Flower 4-3-2							
		<b>Guarantee:</b>	8						
		<b>Found:</b>	<input type="text" value="7.749"/>						
53680	2-4-3	Brand: 'Coop Poop All Purpose Garden Food							
		<b>Guarantee:</b>	8	0.6					
		<b>Found:</b>	<input type="text" value="11.33"/>	0.597					
54568	10-3-2	Brand: 'Healthy Grow Professional							
		<b>Guarantee:</b>	6		1				
		<b>Found:</b>	<input type="text" value="7.494"/>		9.951				
Pinnacle Ag - Franklin Franklin ,KY									
52578	6-16-33								
		<b>Guarantee:</b>	2.1		1.7				
		<b>Found:</b>	<input type="text" value="2.321"/>		2.33				
52579	6-16-33								
		<b>Guarantee:</b>	2.1		1.7				
		<b>Found:</b>	<input type="text" value="2.178"/>		2.408				

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
	52580	8-21-24	<b>Guarantee:</b>		2.2	4.4				
			<b>Found:</b>	<input type="text"/>	2.625	5.11				
	52658	9-22-21	<b>Guarantee:</b>	1.2491	1.9628	4.9368				
			<b>Found:</b>	<input type="text" value="1.444"/>	2.511	5.661				
	52659	9-22-21	<b>Guarantee:</b>	1.2491	1.9628	4.9368				
			<b>Found:</b>	<input type="text" value="1.508"/>	2.406	5.539				
Pinnacle Ag - Fancy Farm Fancy Farm ,KY										
	54992	21-15-17	<b>Guarantee:</b>				0.0593			
			<b>Found:</b>	<input type="text"/>			0.0542			
	54993	21-15-17	<b>Guarantee:</b>				0.0593			
			<b>Found:</b>	<input type="text"/>			0.0509			
Pinnacle Ag - Glasgow Glasgow ,KY										
	53416	9-22-29	<b>Guarantee:</b>			2.8571	0.2381			
			<b>Found:</b>	<input type="text"/>		3.84	0.2010			
	53417	9-22-29	<b>Guarantee:</b>			2.8571	0.2381			
			<b>Found:</b>	<input type="text"/>		4.06	0.2060			
	53418	9-22-29	<b>Guarantee:</b>			2.8571	0.2381			
			<b>Found:</b>	<input type="text"/>		3.638	<b>0.1910</b>			
	53420	9-22-29	<b>Guarantee:</b>			2.8571	0.2381			
			<b>Found:</b>	<input type="text"/>		2.984	<b>0.1990</b>			
Pinnacle Ag - Hartford Hartford ,KY										
	52730	4-12-16	<b>Guarantee:</b>		8.1	16.5				
			<b>Found:</b>	<input type="text"/>	8.253	15.7				
	52731	4-12-16	<b>Guarantee:</b>		8.1	16.5				
			<b>Found:</b>	<input type="text"/>	8.317	15.91				
	52732	4-12-16	<b>Guarantee:</b>		8.1	16.5				
			<b>Found:</b>	<input type="text"/>	8.204	15.78				

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									
52733	4-12-16	<b>Guarantee:</b>		8.1	16.5					
		<b>Found:</b>	<input type="text"/>	7.955	15.9					
52734	6-20-30	<b>Guarantee:</b>			5					0.5
		<b>Found:</b>	<input type="text"/>		5.126					0.456
52735	6-20-30	<b>Guarantee:</b>			5					0.5
		<b>Found:</b>	<input type="text"/>		4.691					<b>0.427</b>
52736	6-20-30	<b>Guarantee:</b>			5					0.5
		<b>Found:</b>	<input type="text"/>		4.981					<b>0.441</b>
52737	00-00-46	<b>Guarantee:</b>		4.0521	8.2542					
		<b>Found:</b>	<input type="text"/>	3.985	7.974					
52738	00-00-46	<b>Guarantee:</b>		4.0521	8.2542					
		<b>Found:</b>	<input type="text"/>	4.067	7.826					
52739	00-00-46	<b>Guarantee:</b>		4.0521	8.2542					
		<b>Found:</b>	<input type="text"/>	4.158	8.267					
Pinnacle Ag - Russellville Russellville ,KY										
52496	9-22-26	<b>Guarantee:</b>	1.6578		1.4736	0.0461				0.1382
		<b>Found:</b>	<input type="text" value="1.716"/>		1.984	0.0461				0.135
52496	9-22-26	<b>Guarantee:</b>	1.6578		1.4736	0.0461				0.1382
		<b>Found:</b>	<input type="text" value="1.716"/>		1.984	0.0461				0.135
52496	9-22-26	<b>Guarantee:</b>	1.6578		1.4736	0.0461				0.1382
		<b>Found:</b>	<input type="text" value="1.716"/>		1.984	0.0461				0.135
52496	9-22-26	<b>Guarantee:</b>	1.6578		1.4736	0.0461				0.1382
		<b>Found:</b>	<input type="text" value="1.716"/>		1.984	0.0461				0.135
Pinnacle Agriculture Memphis ,TN										
52650	12-40-00	Brand: 'MEZ								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		9.908					0.936

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									
52675	12-40-00	Brand: 'MEZ								
		Guarantee:			10					1
		Found:	<input type="text"/>		9.925					0.942
53427	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.54					
53466	00-00-00	Brand: 'SULF 4 PLUS								
		Guarantee:	21		17					
		Found:	<input type="text" value="20.15"/>		16.783					
53467	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.52					
53567	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.03					
53569	12-40-00	Brand: 'MEZ								
		Guarantee:			10					1
		Found:	<input type="text"/>		10.7					1.042
Pleasant View Agri-Service Auburn ,KY										
54753	18-18-18									
		Guarantee:				0.1159				
		Found:	<input type="text"/>			0.1020				
Pro Ag Sales & Service - Danville Danville ,KY										
53753	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.3					
54589	27-00-00									
		Guarantee:			3.6635					0.2812
		Found:	<input type="text"/>		3.378					<b>0.0007</b>
54591	27-00-00									
		Guarantee:			3.6635					0.2812
		Found:	<input type="text"/>		3.576					0.258
54592	27-00-00									
		Guarantee:			3.66					0.2812
		Found:	<input type="text"/>		3.74					0.2495
54593	27-00-00									
		Guarantee:			3.6635					0.2812
		Found:	<input type="text"/>		4.042					0.272

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									
54596	11-19-25									
		<b>Guarantee:</b>			3.7899					
		<b>Found:</b>	<input type="text"/>		4.988					
54597	11-19-25									
		<b>Guarantee:</b>			3.7899					
		<b>Found:</b>	<input type="text"/>		4.875					
Pro Solutions - Crofton Crofton ,KY										
52523	8-22-29									
		<b>Guarantee:</b>			2.8571					
		<b>Found:</b>	<input type="text"/>		3.139					
52524	6-16-21									
		<b>Guarantee:</b>			2.0833					
		<b>Found:</b>	<input type="text"/>		2.338					
52525	6-16-21									
		<b>Guarantee:</b>			2.0833					
		<b>Found:</b>	<input type="text"/>		2.361					
52526	6-16-21									
		<b>Guarantee:</b>			2.0833					
		<b>Found:</b>	<input type="text"/>		2.62					
52527	6-16-21									
		<b>Guarantee:</b>			2.0833					
		<b>Found:</b>	<input type="text"/>		2.349					
52528	6-16-21									
		<b>Guarantee:</b>			2.0833					
		<b>Found:</b>	<input type="text"/>		2.512					
52529	6-16-21									
		<b>Guarantee:</b>			2.0833					
		<b>Found:</b>	<input type="text"/>		2.432					
52530	6-16-21									
		<b>Guarantee:</b>			2.0833					
		<b>Found:</b>	<input type="text"/>		2.253					
52531	6-16-21									
		<b>Guarantee:</b>			2.0833					
		<b>Found:</b>	<input type="text"/>		2.464					
Pro Solutions - Springfield Springfield ,TN										
53008	12-40-00	Brand: 'MES Z								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		10.25					0.913

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									
53641	12-40-00	Brand: 'MES Z								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		10.18					0.997
Quality Borate Company Cleveland ,OH										
53307	00-00-00	Brand: 'QB-10								
		<b>Guarantee:</b>				10				
		<b>Found:</b>	<input type="text"/>			9.428				
Reliance Ag - Russellville Russellville ,KY										
52481	8-21-24									
		<b>Guarantee:</b>		2.0985	4.197					
		<b>Found:</b>	<input type="text"/>	2.443	4.967					
52482	8-21-24									
		<b>Guarantee:</b>		2.0985	4.197					
		<b>Found:</b>	<input type="text"/>	2.464	4.932					
52483	8-21-24									
		<b>Guarantee:</b>		2.0985	4.197					
		<b>Found:</b>	<input type="text"/>	2.565	4.869					
52567	8-21-24									
		<b>Guarantee:</b>		2.1015	4.203					
		<b>Found:</b>	<input type="text"/>	2.408	4.658					
52568	8-21-24									
		<b>Guarantee:</b>		2.1015	4.203					
		<b>Found:</b>	<input type="text"/>	2.784	5.268					
Rip's Farm Center - Tollesboro Tollesboro ,KY										
54697	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.81					
Rogers Fertilizer & Services LLC Lebanon ,KY										
54803	27-10-13									
		<b>Guarantee:</b>			2.6531					
		<b>Found:</b>	<input type="text"/>		2.92					
Scotts Miracle-Gro Products Inc Marysville ,OH										
53652	12-4-8	Brand: 'Miracle Gro All Purpose Plant Food Liquid								
		<b>Guarantee:</b>						0.1	0.05	0.05
		<b>Found:</b>	<input type="text"/>					0.103	0.0441	0.0557
53653	24-8-16	Brand: 'Miracle Gro All Purpose Plant Food								
		<b>Guarantee:</b>				0.02	0.07	0.15	0.05	0.06
		<b>Found:</b>	<input type="text"/>			0.0220	0.0834	0.193	0.0544	0.0859

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
	53788	24-8-16	Brand: 'Miracle Gro All Purpose Plant Food							
			<b>Guarantee:</b>				0.02	0.07	0.15	0.05
			<b>Found:</b>			0.0207	0.0751	0.169	0.0491	0.147
	53861	24-8-16	Brand: 'Miracle-Gro All Purpose							
			<b>Guarantee:</b>				0.02	0.07	0.15	0.05
			<b>Found:</b>			0.0204	0.0878	0.171	0.0503	0.0625
Security Seed & Chemical Henderson ,KY										
	55088	32-00-00	<b>Guarantee:</b>							
			<b>Found:</b>			0.3078				
						0.408				
	55122	31-00-00	<b>Guarantee:</b>							
							0.7964		0.0117	0.0023
			<b>Found:</b>			<b>0.0179</b>		<b>0.000261</b>	0.0001	0.002076
Security Seed & Chemical - Clarksville Clarksville ,TN										
	54467	4-5-0	Brand: 'Charger + with Moly							
			<b>Guarantee:</b>				0.1	0.3		
			<b>Found:</b>			0.623	0.3000			0.359
	55021	00-00-2	Brand: 'Corsair Micro Nexus							
			<b>Guarantee:</b>				0.02			0.3
			<b>Found:</b>			0.0781			0.288	0.662
	55022	00-2-1	Brand: 'Desperado Micro Nexus							
			<b>Guarantee:</b>				0.6			
			<b>Found:</b>			0.7040				
Solu-Cal USA LTD West Warham ,MA										
	52425	00-00-00	Brand: 'Sta Green Rapid Cal							
			<b>Guarantee:</b>	38	0.4					
			<b>Found:</b>	33.2	0.51					
Southern FS Inc - Hickman Hickman ,KY										
	54886	9-22-29	<b>Guarantee:</b>							
							0.2174			
			<b>Found:</b>			0.2170				0.857
	54887	9-22-29	<b>Guarantee:</b>							
							0.2174			
			<b>Found:</b>			0.2370				0.789
	54888	9-22-29	<b>Guarantee:</b>							
							0.2662			
			<b>Found:</b>			0.3150				
	55005	32-00-00	<b>Guarantee:</b>							
							4.3121			
			<b>Found:</b>			<b>3.374</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									
55006	32-00-00									
		Guarantee:			4.3121					
		Found:	<input type="text"/>		<b>3.403</b>					
55007	9-19-30									
		Guarantee:			1.9887					
		Found:	<input type="text"/>		<b>1.15</b>					
55008	9-19-30									
		Guarantee:			1.9887					
		Found:	<input type="text"/>		2.114					
Southern FS, INC Marion ,IL										
54528	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.71					
Southern States - Cadiz Cadiz ,KY										
52443	11-28-22									
		Guarantee:			2.1318					
		Found:	<input type="text"/>		3.216					
52444	11-28-22									
		Guarantee:			1.9505					
		Found:	<input type="text"/>		3.2386					
52469	10-25-25									
		Guarantee:			2.4027					
		Found:	<input type="text"/>		3.419					
52470	10-25-26									
		Guarantee:			2.0134					
		Found:	<input type="text"/>		2.9					
52471	10-25-26									
		Guarantee:			1.9128					
		Found:	<input type="text"/>		2.722					
54363	7-17-14									
		Guarantee:		6.875	13.75					
		Found:	<input type="text"/>	7.01	14.94					
54364	7-17-14									
		Guarantee:		6.875	13.75					
		Found:	<input type="text"/>	7.043	15.05					
Southern States - Calhoun Calhoun ,KY										
55066	6-15-40									
		Guarantee:				0.0162				0.1124
		Found:	<input type="text"/>			0.0238				0.132

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
	55067	6-15-40								
			<b>Guarantee:</b>				0.0154			0.1116
			<b>Found:</b>	<input type="text"/>			0.0230			0.127
Southern States - Campbellsville Campbellsville ,KY										
	54043	32-00-14								
			<b>Guarantee:</b>			2.8235				
			<b>Found:</b>	<input type="text"/>		<b>2.107</b>				
	54853	21-15-13								
			<b>Guarantee:</b>			4.2547				
			<b>Found:</b>	<input type="text"/>		4.062				
	54855	21-15-13								
			<b>Guarantee:</b>			4.2547				
			<b>Found:</b>	<input type="text"/>		4.037				
	54913	35-1-00								
			<b>Guarantee:</b>			7.1831			0.0352	0.1408
			<b>Found:</b>	<input type="text"/>		7.147			0.0389	0.147
Southern States - Cynthiana Cynthiana ,KY										
	53370	00-00-45								
			<b>Guarantee:</b>		4.1985	8.3969	0.0456			0.117
			<b>Found:</b>	<input type="text"/>	4.502	8.543	<b>0.0345</b>			0.116
	53964	4-11-45								
			<b>Guarantee:</b>				0.0615			
			<b>Found:</b>	<input type="text"/>			0.0567			
	53967	36-0-00								
			<b>Guarantee:</b>			6.5557				
			<b>Found:</b>	<input type="text"/>		6.13				
	53971	34-0-6								
			<b>Guarantee:</b>		2.8092	5.6185			0.0308	0.1231
			<b>Found:</b>	<input type="text"/>	2.54	5.821			0.0249	0.106
	53972	34-00-15								
			<b>Guarantee:</b>				0.0231	0.0143		0.0155
			<b>Found:</b>	<input type="text"/>			0.0240	0.0188		0.0268
	53974	3-0-48								
			<b>Guarantee:</b>			3.8476				
			<b>Found:</b>	<input type="text"/>		4.142				
	53975	3-0-48								
			<b>Guarantee:</b>			3.9114				
			<b>Found:</b>	<input type="text"/>		4.099				
Southern States - Elkton Elkton ,KY										

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
	52484	8-21-26	<b>Guarantee:</b>	1.6937	3.3873					
			<b>Found:</b>	<input type="text"/>	2.301	4.832				
	52485	8-21-26	<b>Guarantee:</b>	1.6937	3.3873					
			<b>Found:</b>	<input type="text"/>	2.149	4.685				
	52486	8-21-26	<b>Guarantee:</b>	1.6937	3.3873					
			<b>Found:</b>	<input type="text"/>	2.225	4.801				
	53297	17-00-33	<b>Guarantee:</b>	1.375	2.75					
			<b>Found:</b>	<input type="text"/>	1.501	2.914				
	53298	27-11-15	<b>Guarantee:</b>		2.9067					
			<b>Found:</b>	<input type="text"/>	3.452					
	53299	27-11-15	<b>Guarantee:</b>		2.9067					
			<b>Found:</b>	<input type="text"/>	3.074					
Southern States - Flemingsburg Flemingsburg ,KY										
	54925	26-9-13	<b>Guarantee:</b>	0.6935	4.3824	0.0143				0.0479
			<b>Found:</b>	<input type="text"/>	0.881	4.995	0.0198			0.0494
	54926	26-9-13	<b>Guarantee:</b>	0.6935	4.3824	0.0143				0.0479
			<b>Found:</b>	<input type="text"/>	0.828	4.934	0.0226			0.0892
	54927	26-5-15	<b>Guarantee:</b>	0.8135	5.1767	0.0137				0.055
			<b>Found:</b>	<input type="text"/>	1.014	6.14	0.0152			0.0643
	54928	26-5-15	<b>Guarantee:</b>	0.8135	5.1767	0.0137				0.055
			<b>Found:</b>	<input type="text"/>	1.014	6.044	0.0172			0.0768
	54929	38-00-00	<b>Guarantee:</b>		8					
			<b>Found:</b>	<input type="text"/>	8.177					
	54932	26-9-13	<b>Guarantee:</b>	0.6935	4.3824	0.0143				0.0479
			<b>Found:</b>	<input type="text"/>	1.048	5.162	0.0191			0.0598

Southern States - Franklin Franklin ,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								
52479	12-30-17	Guarantee:		6.6688					
		Found:	<input type="text"/>	6.474					
52480	12-30-17	Guarantee:		6.6688					
		Found:	<input type="text"/>	6.88					
52570	11-27-20	Guarantee:		6.0986					
		Found:	<input type="text"/>	<b>5.373</b>					
52571	8-21-24	Guarantee:		2.2049	4.4098				
		Found:	<input type="text"/>	2.154	4.136				
52572	8-21-24	Guarantee:		2.2049	4.4098				
		Found:	<input type="text"/>	2.305	4.282				
52573	8-21-24	Guarantee:		2.2035	4.4071				
		Found:	<input type="text"/>	2.365	4.279				
52574	8-21-24	Guarantee:		2.2035	4.4071				
		Found:	<input type="text"/>	2.334	4.436				
52575	11-27-20	Guarantee:		6.0986					
		Found:	<input type="text"/>	6.48					
52576	11-27-20	Guarantee:		6.0986					
		Found:	<input type="text"/>	6.574					
52577	10-26-22	Guarantee:		6.6667					
		Found:	<input type="text"/>	7.574					
Southern States - Georgetown Georgetown ,KY									
54476	42-0-00	Guarantee:		2.6688					
		Found:	<input type="text"/>	<b>2.202</b>					
54477	4-10-46	Guarantee:			0.043				
		Found:	<input type="text"/>		0.0377				

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								
54483	42-0-00	<b>Guarantee:</b>		2.6688					
		<b>Found:</b>	<input type="text"/>	2.37					
54484	17-9-30	<b>Guarantee:</b>			0.0666				
		<b>Found:</b>	<input type="text"/>		0.0596				
Southern States - Glasgow Glasgow ,KY									
53491	15-15-15	<b>Guarantee:</b>		10.3159					
		<b>Found:</b>	<input type="text"/>	11.46					
Southern States - Hardinsburg Hardinsburg ,KY									
54430	6-16-39	<b>Guarantee:</b>			0.0564				
		<b>Found:</b>	<input type="text"/>		<b>0.0442</b>				
54432	23-00-23	<b>Guarantee:</b>		4.7168					
		<b>Found:</b>	<input type="text"/>	4.736					
Southern States - Harrodsburg Harrodsburg ,KY									
54981	24-3-9	<b>Guarantee:</b>		0.8169					
		<b>Found:</b>	<input type="text"/>	2.422					
54985	24-3-9	<b>Guarantee:</b>		0.8169					
		<b>Found:</b>	<input type="text"/>	2.534					
54986	24-3-9	<b>Guarantee:</b>		0.8169					
		<b>Found:</b>	<input type="text"/>	2.558					
54987	8-12-30	<b>Guarantee:</b>		4.9751				0.0249	0.0995
		<b>Found:</b>	<input type="text"/>	5.172				0.0251	0.0848
Southern States - Henderson Henderson ,KY									
54745	11-18-24	<b>Guarantee:</b>		4.7838					
		<b>Found:</b>	<input type="text"/>	5.938					
54746	11-19-24	<b>Guarantee:</b>		4.6688					
		<b>Found:</b>	<input type="text"/>	6.18					
54747	11-18-24	<b>Guarantee:</b>		4.758					
		<b>Found:</b>	<input type="text"/>	6.146					

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								
54748	11-18-24	<b>Guarantee:</b>		4.7501					
		<b>Found:</b>	<input type="text"/>	6.048					
54749	11-19-25	<b>Guarantee:</b>		3.9641					0.0401
		<b>Found:</b>	<input type="text"/>	5.405					0.041
54750	11-18-24	<b>Guarantee:</b>		4.7759					
		<b>Found:</b>	<input type="text"/>	5.976					
Southern States - Hodgenville Hodgenville ,KY									
54257	16-12-24	<b>Guarantee:</b>		4.3737					
		<b>Found:</b>	<input type="text"/>	4.963					
54258	27-8-8	<b>Guarantee:</b>		7.7746					
		<b>Found:</b>	<input type="text"/>	8.507					
54262	20-13-19	<b>Guarantee:</b>		3.7627					
		<b>Found:</b>	<input type="text"/>	4.403					
54263	19-12-19	<b>Guarantee:</b>		5.6576					
		<b>Found:</b>	<input type="text"/>	6.76					
Southern States - Hopkinsville Hopkinsville ,KY									
52532	9-22-26	<b>Guarantee:</b>		1.3779	2.7558				
		<b>Found:</b>	<input type="text"/>	1.94	4.074				
52533	9-23-26	<b>Guarantee:</b>		1.3868	2.7735				
		<b>Found:</b>	<input type="text"/>	2.088	4.418				
52534	9-23-25	<b>Guarantee:</b>		1.4115	2.8229				
		<b>Found:</b>	<input type="text"/>	2.101	4.404				
53869	21-10-19	<b>Guarantee:</b>		4.0468					
		<b>Found:</b>	<input type="text"/>	4.481					
53870	9-24-26	<b>Guarantee:</b>		4.149					0.0729
		<b>Found:</b>	<input type="text"/>	4.062					0.0849

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								
53871	9-24-26	Guarantee:		4.0713					0.0729
		Found:	<input type="text"/>	4.818					0.0813
53873	29-10-10	Guarantee:		2.527					0.0598
		Found:	<input type="text"/>	2.874					0.0641
53874	17-16-21	Guarantee:		3.2355	0.0392				
		Found:	<input type="text"/>	3.793	0.0394				
Southern States - Horse Cave Horse Cave ,KY									
54118	19-19-19	Guarantee:					0.2496		
		Found:	<input type="text"/>				0.2440		
Southern States - London London ,KY									
55049	9-23-25	Guarantee:					0.0824		
		Found:	<input type="text"/>				<b>0.0445</b>		
Southern States - Maysville Maysville ,KY									
54674	25-10-12	Guarantee:		3.9896					
		Found:	<input type="text"/>	3.849					
54675	22-0-6	Guarantee:		3.1319	13.3818	0.0308			0.1127
		Found:	<input type="text"/>	3.218	12.64	0.0318			0.12
54676	22-0-6	Guarantee:		3.1319	13.3818	0.0308			0.1127
		Found:	<input type="text"/>	2.78049	13.52	0.0363			0.119
Southern States - Morganfield Morganfield ,KY									
52679	6-14-25	Guarantee:		2.2591					
		Found:	<input type="text"/>	3.63					
52680	6-14-25	Guarantee:		2.1809					
		Found:	<input type="text"/>	3.686					
52681	6-14-25	Guarantee:		2.2095					
		Found:	<input type="text"/>	3.195					
Southern States - Owensboro Owensboro ,KY									

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
	52557	10-22-28	Guarantee:		1.4963					
			Found:		2.353					
	52592	10-22-28	Guarantee:		1.4963					
			Found:		1.84					
	54831	7-11-29	Guarantee:	1.9552	5.1948	0.1629				
			Found:	2.238	5.573	0.1600				
	54832	22-8-16	Guarantee:	1.4323	3.8064	0.1194				
			Found:	1.929	4.415	0.1510				
	54833	8-13-25	Guarantee:	2.2251	5.9133	0.1854				
			Found:	2.309	6.035	0.1580				
	54891	4-0-14	Guarantee:	2.583	7.0658	20.9955	0.2152			
			Found:	2.477	7.486	22.06	<b>0.1560</b>			
	54892	4-0-14	Guarantee:	2.583	7.0658	20.9955	0.2152			
			Found:	3.173	7.646	22	0.1980			
Southern States - Owenton Owenton ,KY										
	54942	16-12-24	Guarantee:		4.1017					1.7834
			Found:		4.724					1.758
	54951	6-15-39	Guarantee:		2.8916					
			Found:		3.268					
	54952	6-15-39	Guarantee:		2.88					
			Found:		3.669					
	54953	6-16-37	Guarantee:		3.3962					
			Found:		4.853					
Southern States - Owingsville Owingsville ,KY										
	54275	3-8-49	Guarantee:			0.1205				
			Found:			<b>0.0774</b>				
Southern States - Richmond VA Richmond ,VA										

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									
52355	00-00-22	Brand: 'K-Mag								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	11.34	24.41					
52372	00-00-22	Brand: 'K-Mag								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	11.17	24.15					
52548	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.69					
52553	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.57					
52560	20-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.48					
52561	20-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.11					
52562	20-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.03					
52596	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.18					
52600	00-00-00	Brand: '90% Sulphur								
		<b>Guarantee:</b>			90					
		<b>Found:</b>	<input type="text"/>		89.43					
52934	00-00-22	Brand: 'K-Mag								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	10.8	23.11					
52941	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.69					
53002	21-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.8					
53094	00-00-22	Brand: 'SPM								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	10.62	22.27					

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									
53127	00-00-22	Brand: 'KMAG <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>	11 10.81	22 23.19					
53129	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 24.03					
53130	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 24.1					
53144	00-00-22	Brand: 'SPM <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>	11 10.76	22 22.49					
53190	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 24.56					
53225	21-00-00	Brand: 'AMS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 23.96					
53264	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 24.04					
53265	12-40-00	Brand: 'MES10 <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		10 10.02					
53355	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 23.7					
53362	00-00-22	Brand: 'Kmag <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>	10 11.21	22 23.5138					
53363	00-00-22	Brand: 'Kmag <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>	11 11.5	22 22.66					
53369	16-1-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		20 19.0					
53374	34-00-00	Brand: 'Super Kicker Plus <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		10 9.87					

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									
53531	00-00-22	Brand: 'Kmag Guarantee: Found:		11 9.61	22 21.47					
53538	21-00-00	Brand: 'AS Guarantee: Found:			24 24.09					
53547	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.5					
53563	21-00-00	Brand: 'AS Guarantee: Found:			24 23.73					
53590	21-00-00	Brand: 'AS Guarantee: Found:			24 24					
53724	20-00-00	Brand: 'AS Guarantee: Found:			24 23.11					
53961	37-00-00	Brand: 'Super Kicker Plus Top Dresser Guarantee: Found:			8 7.61					
53999	16-1-00	Brand: 'Symtrx Guarantee: Found:			20 <b>18.44</b>					
54279	21-00-00	Brand: 'AS Guarantee: Found:			24 24.88					
54302	16-1-00	Brand: Symtrx 20S Guarantee: Found:			20 19.4					
54893	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 22.93					
54933	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.64					
54937	00-00-22	Brand: 'SPM Guarantee: Found:		11 10.32	22 23.01					

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
	54956	34-00-00	Brand: 'Super Kicker Plus							
			<b>Guarantee:</b>							
					10					
			<b>Found:</b>							
					11.5					
Southern States - Russellville Russellville ,KY										
	52666	2-6-47	<b>Guarantee:</b>							
				1.1628	2.3255		0.3153			
			<b>Found:</b>							
				1.411	2.534		0.2700			
	52689	6-15-20	<b>Guarantee:</b>							
							0.1253			
			<b>Found:</b>							
							0.1300			
	52690	6-15-20	<b>Guarantee:</b>							
							0.1253			
			<b>Found:</b>							
							0.1260			
	52691	6-15-20	<b>Guarantee:</b>							
							0.1253			
			<b>Found:</b>							
							0.1190			
	53293	18-18-18	<b>Guarantee:</b>							
				1.6122	3.2245					
			<b>Found:</b>							
				2.349	4.396					
	53294	18-18-18	<b>Guarantee:</b>							
				1.6122	3.2245					
			<b>Found:</b>							
				2.012	3.79					
	53295	18-18-18	<b>Guarantee:</b>							
				1.6122	3.2245					
			<b>Found:</b>							
				2.313	4.352					
	53296	28-6-12	<b>Guarantee:</b>							
				1.7188	3.4375					
			<b>Found:</b>							
				2.164	4.032					
Southern States - Russellville Fertilizer Plant Russellville ,KY										
	54854	16-1-00	Brand: 'SymTRX 20S							
			<b>Guarantee:</b>							
					20					
			<b>Found:</b>							
					19.0					
Southern States - Shelbyville Shelbyville ,KY										
	54005	15-18-23	<b>Guarantee:</b>							
					3.9349					
			<b>Found:</b>							
					5.062					
	54006	15-18-23	<b>Guarantee:</b>							
					3.9786					
			<b>Found:</b>							
					4.758					
Southern States - Somerset Somerset ,KY										

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
	53740	24-0-28								
			<b>Guarantee:</b>						0.0472	0.1887
			<b>Found:</b>	<input type="text"/>					0.0488	0.194
	53842	35-00-15								
			<b>Guarantee:</b>						0.0116	0.0471
			<b>Found:</b>	<input type="text"/>					0.0195	0.0784
Southern States - Springfield Springfield ,KY										
	54781	17-15-18								
			<b>Guarantee:</b>			4.7272				1.2301
			<b>Found:</b>	<input type="text"/>		5.559				<b>1.018</b>
	54782	8-14-34								
			<b>Guarantee:</b>			2.8036				
			<b>Found:</b>	<input type="text"/>		3.14				
	54783	7-13-34								
			<b>Guarantee:</b>			2.8573				
			<b>Found:</b>	<input type="text"/>		3.385				
	54784	8-14-34								
			<b>Guarantee:</b>			2.8036				
			<b>Found:</b>	<input type="text"/>		3.097				
	54790	13-00-35								
			<b>Guarantee:</b>				1.2			
			<b>Found:</b>	<input type="text"/>			1.46			
Southern States - Stanford Stanford ,KY										
	53983	21-10-20								
			<b>Guarantee:</b>			3.5412				
			<b>Found:</b>	<input type="text"/>		3.2667				
	53986	15-14-25								
			<b>Guarantee:</b>			3.5294				
			<b>Found:</b>	<input type="text"/>		3.563				
	53987	21-10-20								
			<b>Guarantee:</b>			3.5394				
			<b>Found:</b>	<input type="text"/>		3.773				
	54169	21-10-20								
			<b>Guarantee:</b>			3.5394				
			<b>Found:</b>	<input type="text"/>		<b>2.994</b>				
	54171	21-10-20								
			<b>Guarantee:</b>			3.5394				
			<b>Found:</b>	<input type="text"/>		3.973				

Values in bold are deficient.

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
54172	21-10-20									
		Guarantee:			3.5422					
		Found:	<input type="text"/>		3.867					
Southern States - Warsaw Owenton ,KY										
54017	38-0-00									
		Guarantee:			5.0061					
		Found:	<input type="text"/>		5.295					
54023	7-17-37									
		Guarantee:				0.0449				
		Found:	<input type="text"/>			0.0401				
54024	7-17-37									
		Guarantee:				0.0449				
		Found:	<input type="text"/>			0.0502				
54635	15-13-13									
		Guarantee:			2.2502					
		Found:	<input type="text"/>		2.696					
54636	15-13-13									
		Guarantee:			2.2502					
		Found:	<input type="text"/>		2.834					
Southern States - Winchester Winchester ,KY										
54773	28-12-13									
		Guarantee:			2.2488	0.0165				0.0332
		Found:	<input type="text"/>		2.8	0.0199				0.0373
54774	8-13-34									
		Guarantee:			3.4395					
		Found:	<input type="text"/>		3.508					
Southern States Winchester Fertilizer Plant Winchester ,KY										
53784	00-10-30	Brand: 'SS								
		Guarantee:				0.45				
		Found:	<input type="text"/>			<b>0.3550</b>				
53952	34-00-00	Brand: 'Super Kicker Plus								
		Guarantee:			10					
		Found:	<input type="text"/>		10.1					
53953	00-10-30	Brand: 'SS								
		Guarantee:				0.45				
		Found:	<input type="text"/>			0.4010				
53957	10-10-10	Brand: 'SS								
		Guarantee:			7					
		Found:	<input type="text"/>		6.928					

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									
53959	10-10-10	Brand: 'SS Guarantee: Found:			7 7.428					
54294	00-10-30	Brand: 'SS Guarantee: Found:				0.45 0.4070				
54473	10-10-10	Brand: 'SS Guarantee: Found:			7 7.248					
Speed Ag Service, LLC Hickman ,KY										
52615	21-00-00	Brand: 'AS Guarantee: Found:			24 23.13					
Stanley Crop Service Owensboro ,KY										
53430	21-00-00	Brand: 'AS Guarantee: Found:			24 24.22					
54425	6-22-5	Brand: '6-22-5-4S-0.44Zn Guarantee: Found:			4 6.587				0.44 0.412	
54822	14-18-24	Guarantee: Found:			2.3991 3.049					
54829	14-18-24	Guarantee: Found:			2.3991 3.12					
SUL4R Plus, LLC Louisville ,KY										
52556	00-00-00	Brand: 'Sul4R - Plus Guarantee: Found:	21 <b>15.82</b>		17 <b>12.91</b>					
52636	00-00-00	Brand: 'SUL4R-Plus Guarantee: Found:	21 21.7		17 16.8					
52952	00-00-00	Brand: 'SUL4R Plus B-Z Guarantee: Found:	18 18.2		16 15.25	0.5 0.4350				1.5 1.509
52953	00-00-00	Brand: 'SUL4R PLus B-Z Guarantee: Found:	20 19.5188		16 16.1765	0.5 0.4580				1.5 1.508

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									
53113	00-00-00	Brand: 'SUL 4R- PLUS B-Z								
		<b>Guarantee:</b>	18		16	0.5				1.5
		<b>Found:</b>	17.55		15.11	0.5000				1.554
53196	00-00-00	Brand: 'Sul4-R Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	22.4		17.244					
53204	00-00-00	Brand: 'Sul4R-Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	20.1756		17.25					
53219	00-00-00	Brand: 'Sul4R-Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	22.547		16.4373					
53222	00-00-00	Brand: 'Sul4R-Plus B+Z								
		<b>Guarantee:</b>	18		16	0.5				1.5
		<b>Found:</b>	18.64		15.85	0.4300				1.39
53277	00-00-00	Brand: 'Sulf 4 R Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	21.0389		16.52					
53277	00-00-00	Brand: 'Sulf 4 R Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	21.0389		16.52					
54646	00-00-00	Brand: 'Sul4R Plus B Z								
		<b>Guarantee:</b>	18		16	0.5				1.5
		<b>Found:</b>	17.7		15.7	0.4840				1.59
Sun Bulb Company, INC. Arcadia ,FL										
52303	20-14-13	Brand: 'Better-Gro Orchid Plus								
		<b>Guarantee:</b>		1		0.02	0.05	0.2	0.05	0.05
		<b>Found:</b>		0.953		0.0199	0.0445	0.18	0.0434	0.0443
53699	18-6-8	Brand: 'Dynamite Cactus and Succulent Food								
		<b>Guarantee:</b>		1.2	4	0.02	0.05	0.2	0.06	
		<b>Found:</b>		1.969	5.061	0.0265	0.0565	0.443	0.106	
53811	20-14-13	Brand: 'Better-Gro Orchid Plus								
		<b>Guarantee:</b>		1		0.02	0.05	0.2	0.05	0.05
		<b>Found:</b>		1.126		0.0239	0.0514	0.22	0.0505	0.051
54871	11-35-15	Brand: 'Better Gro Orchid Better Bloom								
		<b>Guarantee:</b>		0.6		0.02	0.05	0.1	0.05	0.05
		<b>Found:</b>		0.663		0.0363	0.0487	0.0963	0.125	0.0574
Swiss Farms Products Las Vegas ,NV										

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									
52322	12-5-7	Brand: 'All Purpose 12-5-7								
		<b>Guarantee:</b>				0.02	0.05	0.2	0.05	0.05
		<b>Found:</b>	<input type="text"/>			0.0402	0.0735	0.812	0.107	0.165
52323	24-8-16	Brand: 'Water Soluble All Purpose 24-8-16								
		<b>Guarantee:</b>			3	0.02	0.07	0.15	0.05	0.06
		<b>Found:</b>	<input type="text"/>		3.49	0.0257	0.0751	0.158	0.0499	0.0722
53820	12-10-5	Brand: 'Vigoro Tomato & Vegetable								
		<b>Guarantee:</b>	3	3	5	0.02	0.05	1	0.05	0.05
		<b>Found:</b>	<input type="text" value="9.393"/>	4	6.588	0.0322	0.0559	1.365	0.0652	0.146
53822	12-5-7	Brand: 'Vigoro All Purpose								
		<b>Guarantee:</b>				0.02	0.05	0.2	0.05	0.05
		<b>Found:</b>	<input type="text"/>			0.0356	0.055	0.698	0.0694	0.146
Sylvite LLC Lakeland ,FL										
54518	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>				24				
		<b>Found:</b>	<input type="text"/>			23.83				
Tessengerlo Kerley Phoenix ,AZ										
55087	12-00-00	Brand: 'ATS								
		<b>Guarantee:</b>				26				
		<b>Found:</b>	<input type="text"/>			25.35				
The Andersons Inc Maumee ,OH										
52476	00-00-00	Brand: 'Nutra Lime DG								
		<b>Guarantee:</b>	30	4						
		<b>Found:</b>	<input type="text" value="29.35"/>	<b>3.047</b>						
54420	6-18-6	Brand: 'Season Pass with Avail 6-18-6								
		<b>Guarantee:</b>				1				0.05
		<b>Found:</b>	<input type="text"/>			0.937				0.054
The Hawthorne Gardening Company Port Washington ,NY										
53790	3-4-2	Brand: 'Whitney Farms 3-4-2								
		<b>Guarantee:</b>	2							
		<b>Found:</b>	<input type="text" value="5.808"/>							
The Scotts Company Marysville ,OH										
52309	10-10-10	Brand: 'All Purpose Flower & Veg								
		<b>Guarantee:</b>				2				
		<b>Found:</b>	<input type="text"/>			3.4				
52310	12-4-8	Brand: 'Rose & Bloom								
		<b>Guarantee:</b>				2.2				
		<b>Found:</b>	<input type="text"/>			3.13				

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	
	52326	15-9-12	Brand: 'Osmocote Plus								
			<b>Guarantee:</b>	1.3	6	0.02	0.05		0.06	0.05	
			<b>Found:</b>	<input type="text"/>	1.477	6.84	0.0251	0.0579	0.113	0.0459	
	52409	32-00-10	Brand: 'Scott s Turf Builder Winterguard 32-0-10								
			<b>Guarantee:</b>		6						
			<b>Found:</b>	<input type="text"/>		7.44					
	52424	32-00-10	Brand: 'Turf Builder Winterguard 32-0-10								
			<b>Guarantee:</b>		6						
			<b>Found:</b>	<input type="text"/>		6.716					
	53600	10-10-10	Brand: 'Flower & Vegetable								
			<b>Guarantee:</b>		2						
			<b>Found:</b>	<input type="text"/>		3.157					
	53605	12-4-8	Brand: 'Rose & Bloom								
			<b>Guarantee:</b>		2.2						
			<b>Found:</b>	<input type="text"/>		3.174					
	53617	11-7-7	Brand: 'Evergreen Flowering Tree & Shrub								
			<b>Guarantee:</b>		2.1						
			<b>Found:</b>	<input type="text"/>		3.24					
	53682	15-9-12	Brand: 'Osmocote Plus Indoor & Outdoor								
			<b>Guarantee:</b>	1.3	6	0.02	0.05	0.46	0.06	0.05	
			<b>Found:</b>	<input type="text"/>	1.532	6.902	0.0233	0.0774	0.548	0.105	0.0547
	53683	32-00-4	Brand: 'Scotts Turf Builder Lawn Food								
			<b>Guarantee:</b>		7			2			
			<b>Found:</b>	<input type="text"/>		7.179		1.81			
	53692	32-00-4	Brand: 'Scotts Turf Builder Lawn Food								
			<b>Guarantee:</b>		7			2			
			<b>Found:</b>	<input type="text"/>		7.405		2.286			
	53756	26-00-2	Brand: 'Scotts Green Max Lawn Food								
			<b>Guarantee:</b>		11			5.17			
			<b>Found:</b>	<input type="text"/>		10.69		5.34			
	53758	32-00-10	Brand: 'Scotts Southern Turf Builder								
			<b>Guarantee:</b>		4			2			
			<b>Found:</b>	<input type="text"/>		4.276		1.965			
	53763	9-1-1	Brand: 'Scotts Turf Builder Thick R Lawn Tall Fescue Mix 9-1-1								
			<b>Guarantee:</b>	5	7						
			<b>Found:</b>	<input type="text"/> 5.626		<b>5.594</b>					
	53865	26-00-2	Brand: 'Scotts Green Max								
			<b>Guarantee:</b>		11			5.17			
			<b>Found:</b>	<input type="text"/>		11.29		4.899			

Values in bold are deficient.

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
Thomas Cayce Farm Supply, LLC Princeton ,KY										
52362	00-00-22	Brand: 'K Mag								
		<b>Guarantee:</b>		10.5	21					
		<b>Found:</b>	<input type="text"/>	10.15	21.28					
52369	20-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.83					
52890	20-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.44					
54110	13-15-21									
		<b>Guarantee:</b>			7.895					
		<b>Found:</b>	<input type="text"/>		8.592					
54111	13-15-21									
		<b>Guarantee:</b>			7.895					
		<b>Found:</b>	<input type="text"/>		9.158					
54112	13-15-21									
		<b>Guarantee:</b>			7.895					
		<b>Found:</b>	<input type="text"/>		9.064					
54113	13-18-19									
		<b>Guarantee:</b>			6.929					
		<b>Found:</b>	<input type="text"/>		8.09					
54114	13-18-19									
		<b>Guarantee:</b>			6.929					
		<b>Found:</b>	<input type="text"/>		8.271					
Tiger-Sul Products LLC Atmore ,AL										
52383	00-00-00	Brand: 'Tiger-sol 90								
		<b>Guarantee:</b>			90					
		<b>Found:</b>	<input type="text"/>		92.02					
Vogel Seed & Fertilizer Company Inc Jackson ,WI										
53596	26-00-3	Brand: 'Endure Winter Root Builder Plus 26-0-3								
		<b>Guarantee:</b>						1		
		<b>Found:</b>	<input type="text"/>					0.921		
Warner Fertilizer - Albany Albany ,KY										
54907	21-11-22									
		<b>Guarantee:</b>				0.0268	0.0067	0.134	0.429	0.0268
		<b>Found:</b>	<input type="text"/>			0.0415	0.0227	0.915	0.51	0.0861
54908	21-11-21									
		<b>Guarantee:</b>				0.0264	0.0066	0.1318	0.4219	0.0264
		<b>Found:</b>	<input type="text"/>			0.0344	0.0117	1.04	0.503	0.0643

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	
Warner Fertilizer - Campbellsville		Campbellsville ,KY										
54850	21-15-13											
		<b>Guarantee:</b>				5.327						
		<b>Found:</b>	<input type="text"/>			5.806						
Warner Fertilizer - Russell Springs		Russell Springs ,KY										
54553	7-18-35											
		<b>Guarantee:</b>			0.699		0.0971					
		<b>Found:</b>	<input type="text"/>		1.188		0.0808					
54556	7-18-35											
		<b>Guarantee:</b>			0.699		0.0971					
		<b>Found:</b>	<input type="text"/>		1.051		0.0918					
Warner Fertilizer - Somerset		Somerset ,KY										
52925	21-00-00											
		Brand: 'AS										
		<b>Guarantee:</b>				24						
		<b>Found:</b>	<input type="text"/>			24.37						
54860	22-6-25											
		<b>Guarantee:</b>									0.6117	
		<b>Found:</b>	<input type="text"/>								0.816	
54861	22-6-25											
		<b>Guarantee:</b>									0.6117	
		<b>Found:</b>	<input type="text"/>								0.656	
Winfield Solutions, LLC		Saint Paul ,MN										
53150	00-00-00											
		Brand: 'Sulfur 90										
		<b>Guarantee:</b>				90						
		<b>Found:</b>	<input type="text"/>			89.48						
Woodford Feed Company, Inc.		Versailles ,KY										
54621	43-00-00											
		<b>Guarantee:</b>				4.8252						
		<b>Found:</b>	<input type="text"/>			5.006						
54622	25-00-24											
		<b>Guarantee:</b>				2.8063					0.5397	
		<b>Found:</b>	<input type="text"/>			3.398					0.753	
54623	25-00-24											
		<b>Guarantee:</b>				2.8063					0.5397	
		<b>Found:</b>	<input type="text"/>			3.353					0.701	
54627	00-00-00											
		Brand: 'Sul4R Plus										
		<b>Guarantee:</b>		21		17						
		<b>Found:</b>	<input type="text"/>	22.1		16.3						

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								
54628	25-00-24	<b>Guarantee:</b>		2.8063					0.5397
		<b>Found:</b>	<input type="text"/>	3.404					0.678
54629	30-00-19	<b>Guarantee:</b>		3.2082					
		<b>Found:</b>	<input type="text"/>	3.429					
54630	25-00-24	<b>Guarantee:</b>		2.8063					0.5397
		<b>Found:</b>	<input type="text"/>	3.006					0.658
54631	25-00-24	<b>Guarantee:</b>		2.8063					0.5397
		<b>Found:</b>	<input type="text"/>	3.096					0.599
55103	18-3-28	<b>Guarantee:</b>	0.0734	0.0367	8.6	0.0734			
		<b>Found:</b>	<input type="text" value="0.179"/>	0.253	8.628	0.0608			

Values in bold are deficient.

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## Table 4 Registered Companies 2017-2018



**TABLE 4: REGISTERED COMPANIES 2017-2018**

3H Trading Company, LLC 8505 Technology Forest Place Suite 1102 The Woodlands TX 77381	A-J Inc 291 N Hubbards Ln Louisville KY 40207	A.H. Hoffman POB 290 Lancaster NY 14086
Acadian Seaplants Limited 30 Brown Ave Dartmouth NS B3B 1X8	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 Canada	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 Nashville TN 37209
Age Old Organics 2001 West Main Street POB 618 Mendota IL 61342	Agnition 1600 Hanh Rd Marshall MN 56258	Agri-Chem - Herndon 11825 Lafayette Road Herndon KY 42236
Agri-Chem - Hopkinsville 1106 West 15th Street Hopkinsville KY 42240	Agri-Chem - Princeton 1301 Highway 62 West Princeton KY 42445	Agri-Chem LLC - Casky Location 4899 Pembroke Rd Hopkinsville KY 42240
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 Hartford KY 42347
Agrinos Inc 279 Costeau Place Suite 100 Davis TX 95618	Agriport Terminal 1127 Port Authority Rd. Eddyville KY 42038	Agrium U.S. A Subsidiary of Nutrien Ltd 5296 Harvest Lake Dr Loveland CO 80538

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Agrium U.S. Inc. Attn: Product Stewardship Loveland CO 80538	AgroLiquid 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 1800 Fall River Drive Suit 100 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 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	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 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. La Center KY 42056
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 Tangent OR 97389



**TABLE 4: REGISTERED COMPANIES 2017-2018**

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	Beem Biologics Inc 38768 W Farrel Rd Maricopa AZ 85138	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
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 Victor 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 International 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	C F Industries Sales LLC 4 Parkway N, Suite 400 Deerfield IL 60015-2590	C.D. Poore Fertilizer 708 Burkesville Road Albany KY 42602

**TABLE 4: REGISTERED COMPANIES 2017-2018**

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	Carso, Inc. 404 South Vine Street Camargo IL 61919
Catalyst 10100 Douglas Ave Urbandale IA 50322	CDH Associates Inc dba Total Sourcing Concepts 112 Cedar Lane POB 24924 Chattanooga TN 37422	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	CHS Crop Nutrients - Owensboro 6133 Hwy 60 E Owensboro KY 42303	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
Clean Water Services 2550 SW Hillsboro Hwy Hillsboro OR 97123	Clements Ag Supply PO Box 347 Springfield KY 40069	CNI Agriminerals, LLC POB 3706 Albany GA 31706

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Coast of Maine Organic Products 145 Newbury Street Portland ME 04101	Commonwealth Agri Solutions - Morganfield 1075 Hwy 60 W Morganfield KY 42437	Commonwealth Agri-Solutions - Hopkinsville 1106 West 15th Street POB 31 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	Corbin Farm & Garden Center, Inc. 1205 Master Street Corbin KY 40702
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	Cytozyme Laboratories Inc 2700 South 600 West Salt Lake City UT 84115
Darling Ingredients - Henderson 305 Priest St Henderson KY 42420	Darling Ingredients Inc - Cold Spring 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. 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 Halsey OR 97348
Domestic Fertilizer Inc 1750 17th Street Paris KY 40361	Donaghys Industries LTD 63 Bradshaw Street Dunedin New Zealand	Down to Earth Distributors Inc POB 1419 Eugene OR 97440
Dr. Earth Inc POB 460 Winters CA 95694	Drake's Farm Service, Inc. 620 Logansport Road Morgantown KY 42261	Dramm Corporation 2000 North 18 <sup>th</sup> Street Manitowoc WI 54220

**TABLE 4: REGISTERED COMPANIES 2017-2018**

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
Enviroflight LLC 1118 Progress Way Maysville KY 41056	EnviroKure Inc 5222 E Comley St Philadelphia PA 19135	ENVY Bioscience 6985 South Union Park Center Suite 285 Cottonwood Heights UT 84047
Espoma Company 6 Espoma Rd Millville NJ 08332	Evergreen Liquid Plant Food 790 St. Charles St. W 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 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	Fer-Land Agriculture Technology Corporation 709 E Colorado Blvd Suite 230 Pasadena CA 91101
Fertile Peat Products LLC 250 ProPeat Drive Sugar City ID 83448	Fleming County Farm Supply 1724 Maysville Road Flemingsburg KY 41041	Floradis Enterprises Inc POB 156 Riva MD 21140

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Florikan E.S.A., LLC 6801 Energy Court Suite 100 Sarasota FL 34240	Florists Transworld Delivery 3113 Woodcreek Drive Downers Grove IL 60515	Foxfarm Soil & Fertilizer Company POB 787 Arcata CA 95518
Frank Hinton & Son 591 Plummers Landing Road Plummers Landing KY 41081	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	Full Cycle Gardening, Inc. 1053 E. Whitaker Mill Road #115 Raleigh NC 27604	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 5015 Canal Street Suite 103 Riverside MO 64150	Giles Chemical Corp Div of Premier Magnesia LLC Waynesville NC 28786
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 Fairview TN 37062	Green and Grow Inc 600 Congress Avenue Floor 14 Austin TX 78701
Green Charger Fertilizer Corporation POB 26234 Richmond VA 23260	Green River Feed Mill, Inc. 1239 South Main St 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 Hardinsburg KY 40143	Greenrite AG Supply 1020 Brooks Industrial Road Shelbyville KY 40065
Grigg Brothers 9495 1050 E Albion ID 83311	Gro Green Inc 717 Elk St Buffalo NY 14210	Gro Tec Inc POB 290 Madison GA 30650-1821

**TABLE 4: REGISTERED COMPANIES 2017-2018**

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
Growers Chemical Corp 321 Huron St Milan OH 44846-0000	Growmark Inc 1701 Towanda Ave. Bloomington IL 61702	GY RainSoil LLC 6960 W Warm Springs Rd Suite 110 Las Vegas NV 89113
Haifa North America Inc 307 Cranes Roost Blvd #2030 Alamonte Springs FL 32701	Hancock County Farm Supply, Inc. 740 Madison Street 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 Mooresville NC 28117
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 Agri-Enterprises - Hazel 1679 Hub Erwin Road Hazel KY 42049	Helena Agri-Enterprises - Hickman 3500 State Route 1099 Hickman KY 42050	Helena Agri-Enterprises - Owensboro 3021 Harbor Road Owensboro KY 42301
Helena Agri-Enterprises, LLC - Collierville 225 Schilling Blvd Collierville TN 38017	Helm Fertilizer 10150 Highland Manor Dr Tampa FL 33610	Helm Fertilizer Company Administrative Offices 401 East Jackson St., Suite 1400 Tampa FL 33602
Henry Farmers Co-Op 10525 Hwy 69 N Cottage Grove TN 38224	Henry Farmers Cooperative - Murray 4075 HWY 641 South Murray KY 42071	Henry Farmers Cooperative - Paris 225 Tennessee 69 N Paris TN 38242
HGCI, Inc. dba Hawthorne Hydroponics Brands 3993 Howard Hughes Parkway Suite250 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	Howard Fertilizer & Chemical Company POB 628202 Orlando FL 32862

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Howard Johnson Enterprises Inc 9675 S 60th St Franklin WI 53132	Humboldt Bottling POB 429 Fortuna CA 95540	Humic Growth Solutions Inc 709 Eastport Rd Jacksonville FL 32218
HydraSmart POB 12706 Roanoke VA 24027	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	Hydronamics 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 Nicholasville KY 40356	Innvictis 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. J. Mauget Company Inc 5435 Peck Rd. Arcadia CA 91006-5847	J. R. Peters 6656 Grant Way Allentown PA 18106	J. R. Simplot Company POB 198 Lathrop CA 95330
Janes Fertilizer & Farm Supply 4540 Edmonton Road Columbia KY 42728	JBM Industries Inc 481 N Santa Cruz Ave #163 Los Gatos CA 95032	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

**TABLE 4: REGISTERED COMPANIES 2017-2018**

JRM Chemical 4881 NEO Parkway Cleveland OH 44128	Kee's Farm Service & Supply, LLC. KY Route 1 & 7 North 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. 60 <sup>th</sup> Street Franklin WI 53132
Kentucky Fertilizer - Winchester 303 Hill Street Winchester KY 40391	Key Grow Solutions 421 Leader Street Marion OH 43302	Keyplex POB 2515 Winter Park FL 32790
Keytrade North America Inc 201 N Franklin St Suite 3075 Tampa FL 33602	Kittrich Corporation 1585 W. Mission Blvd. Pomona CA 91766	Knox Fertilizer Company Inc POB 248 Knox IN 46534
Koch Agronomic Services LLC POB 2900 Wichita KS 67201-2900	Koch Fertilizer International Limited C/O Koch Ag & Energy Solutions Wichita 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 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 - 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



**TABLE 4: REGISTERED COMPANIES 2017-2018**

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 Benton KY 42025	Martin Marietta - Manistee 1800 E. Lake Rd Manistee MI 49660
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	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. C/O Plant Products Inc Leamington ON N8H 3W1
Michigan Peat Company POB 980129 Houston TX 77098-0129	Mid States Ag Sales LLC POB 3003 Lavergne TN 37086-1983	Midwest AGri-Chemico Inc POB 1717 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 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 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

**TABLE 4: REGISTERED COMPANIES 2017-2018**

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
New England Fertilizer Company 97 East Howard Street Quincy MA 02169	North Country Organics POB 372 Bradford VT 05033	Novelty Manufacturing Company 1330 Loop Road Lancaster PA 17601
Nutra-Flo Company 200 S. Derby Lane North Sioux City SD 57049	Nutrien Ag Solutions - Russellville 485 Peyton Street Russellville KY 42276	Nutrien Ag Solutions - Allensville 7645 Allensville Road Allensville KY 42204
Nutrien Ag Solutions - Beaver Dam 230 East 1st Street Beaver Dam KY 42320	Nutrien Ag Solutions - Campbellsville 144 Airport Road Campbellsville KY 42719	Nutrien Ag Solutions - Cecilia 356 Robinson Street Cecilia KY 42724
Nutrien Ag Solutions - Clarkson 702 West Main Street Clarkson KY 42726	Nutrien Ag Solutions - Clarksville 5216 Guthrie Highway Clarksville TN 37040	Nutrien Ag Solutions - Clay 8381 State Route 132 West Clay KY 42404
Nutrien Ag Solutions - Clinton 245 Cotton Gin Road Clinton KY 42031	Nutrien Ag Solutions - Ekron 7410 U.S. 60 Ekron KY 40117	Nutrien Ag Solutions - Fancy Farm 10693 State Route 121 N Fancy Farm KY 42039
Nutrien Ag Solutions - Glendale 6339 New Glendale Road Glendale KY 42740	Nutrien Ag Solutions - Greeley Loveland CPS Greeley CO 80632	Nutrien Ag Solutions - Hardin 1266 Brewers Highway Hardin KY 42048
Nutrien Ag Solutions - Henderson 1229 Outer 5th Street Henderson KY 42420	Nutrien Ag Solutions - Hodgenville 307 West Main Street Hodgenville KY 42748	Nutrien Ag Solutions - Horse Cave 6495 South Jackson Highway Horse Cave KY 42749
Nutrien Ag Solutions - Kevil 6696 Paducah Road Kevil KY 42053	Nutrien Ag Solutions - Lebanon 565 Royer Avenue Lebanon KY 40033	Nutrien Ag Solutions - Liquid River Terminal 2290 Harbor Rd. Owensboro KY 42301
Nutrien Ag Solutions - Morganfield 4770 U.S. 60 West Morganfield KY 42437	Nutrien Ag Solutions - Murray 1319 Cross Spann Rd Murray KY 42071	Nutrien Ag Solutions - Pembroke 221 Duffy Street Pembroke KY 42266

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Nutrien Ag Solutions - Riverport 2700 Rinaldo Rd Owensboro KY 42301	Nutrien Ag Solutions - Russellville 5240 Halls Store Road Russellville KY 42276	Nutrien Ag Solutions - Sacramento PO Box 229 Sacramento KY 42372
Nutrien Ag Solutions - Sedalia 1680 State Route 339 East Sedalia KY 42079	Nutrien Ag Solutions - Shelbyville 256 Old Brunerstown Road Shelbyville KY 40065	Nutrien Ag Solutions - Slaughters 12375 Hanson Road Slaughters KY 42456
Nutrien Ag Solutions - Upton 14109 South Dixie Highway Upton KY 42784	Nutrien Ag Solutions - Waverly 4630 US HWY 60 East Waverly KY 42462	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	OGM POB 3442 Chico CA 95927
Ohio Earth Food 5488 Swamp Street NE Hartville OH 44632	Oldcastle Lawn & Garden POB 468567 Atlanta GA 31146	Omega Protein Inc 610 Menhaden Rd Reedville VA 22539
Omex Agrifluids Inc POB 815 Selma CA 93662	OPM / Bower & Branch C/O Organic Plant Magic LLC Marshfield MA 02050	Oregon's Only POB 7312 Springfield OR 97475
Organic Laboratories Inc 5520 Glades Cut-Off Road Fort Pierce FL 34981	Oro Agri Inc 2788 S Maple Ave Fresno CA 93725	Ostara Nutrients USA Inc 690-1199 West Pender St Vancouver BC V6E 2R1 Canada
Otis Bryant & Son, Inc. PO Box 148 Caneyville KY 42721	Outsidepride.com, Inc. 915 N Main St Independence OR 97351	Paducah-McCracken Riverport Authority 125 Locust Dr. Paducah KY 42002
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 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

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Pennington Seed - Greenfield 303 S. Grand Ave. 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 Glasgow KY 42142	Pinnacle Ag - Hartford 1320 Highway 231 North Hartford KY 42347	Pinnacle Ag - Mayfield 521 South 16th Street Mayfield KY 42066
Pinnacle Ag - Russellville 95 Utility Drive Russellville KY 42276	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
Plant Tuff 9600 Mercier Dearborn MI 48120	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
Prince Erachem Mexico S.A. de C.V Carretera Tampico Valles KM. 28 Tamos, Panuco 92018	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 Dover DE 19901

**TABLE 4: REGISTERED COMPANIES 2017-2018**

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
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 Wayland MI 49348
Rip's Farm Center - Tollesboro 214 Lions Club Road Tollesboro KY 41189	River Ag of Illinois Inc POB 629 Metropolis IL 62960	Riverbend Ag LLC P.O. BOX 126 New Madrid MO 63869
Rock Holdings SA PTY LTD Cnr Brian And Lyndsay Rd Lonsdale, South 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 7 O'Connor Court Gepps Cross, South Australia 5094	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

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Scotts Miracle-Gro Products Inc 14111 Scottslawn Rd Marysville OH 43041	Seawin Biotech USA Inc 19901 Harrison Ave City of Industry CA 91789	Security Seed & Chemical 1000 Port Plaza Rd. Henderson KY 42420
Security Seed & Chemical - Clarksville 5217 Guthrie Highway Clarksville TN 37040	Security Seed & Chemical - Clinton 4217 St. Rt. 703 E Clinton KY 42031	Security Seed & Chemical - Elizabethtown 3950 Hodgenville Road Elizabethtown KY 42701
Security Seed & Chemical - Hopkinsville 3530 Eagle Way Hopkinsville KY 42240	Security Seed & Chemical - Morganfield 3856 Highway 60 East Morganfield KY 42437	Security Seed & Chemical - Murray 795 Butterworth Road Murray KY 42071
Security Seed & Chemical - Russellville 3256 Clarksville Road Russellville KY 42276	Security Seed & Chemical - Salem 318 West Main Street Salem KY 42078	Security Seed & Chemical - Slaughters 3110 Jewell City Road Slaughters KY 42456
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 - Hickman 345 Kentucky 166 West Hickman KY 42050	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

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Southern States - Elkton 606 West Main Street Elkton KY 42220	Southern States - Eminence 760 Elm Street Eminence KY 40019	Southern States - Flemingsburg 658 West Water Street Flemingsburg KY 41041
Southern States - Franklin 301 Finn Street Franklin KY 42135	Southern States - Georgetown 1141 Paris Road, US 460 Georgetown KY 40324	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 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 Owingsville KY 40360	Southern States - Richmond 1607 East Main Street Richmond KY 40475
Southern States - Richmond VA 6606 W Broad St Richmond VA 23260	Southern States - Russellville 209 N Bethel St Russellville KY 42276	Southern States - Russellville Fertilizer Plant POB 600 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

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Southern States - Winchester 21 Pendleton Street Winchester KY 40391	Southern States Winchester Fertilizer Plant P.O. Box 516 Winchester KY 40391	Spectrum Group POB 142642 St. Louis MO 63114
Speedling POB 307 Bushnell FL 33513	Spiked Soil Holdings LLC 2024 County Road 388, Bldg B Cleveland TX 77328	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 9090 Katy Freeway Suite 400 Houston TX 77024
SUL4R Plus, LLC 12601 Plantside Drive Louisville KY 40299	Sulvaris Inc 6443 2 ST SE Calgary AB T2H 1J5	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
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 57 Cool Springs Rd Signal Mountain TN 37377	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 Foristell MO 63348
T-Nou NV Scharlooweg 25 Curacao The Netherlands	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 LaVergne TN 37086	Terrace Brands 3993 Howard Hughes Parkway Suite 250 Las Vegas NV 89169	Tessengerlo Kerley 2255 N. 44th Street Suite 300 Phoenix AZ 85008



**TABLE 4: REGISTERED COMPANIES 2017-2018**

Tetra Technologies Inc 24955 Interstate 45 North The Woodlands TX 77380	TEVA Corporation 6100 State Highway 77 Benton MO 63736	The Andersons Inc POB 119 Maumee OH 43537
The Andersons Lawn Fertilizer Division POB 119 Maumee OH 43537	The Doggett Corporation 30 Cherry Street Lebanon NJ 08833	The Fertrell Company PO Box 265 Bainbridge PA 17502
The Garden Patch POB 550 St. Petersburg FL 33731	The Guano Company 116 Himalaya Dr. Trinidad CA 95570	The Hawthorne Gardening Company 800 Port Washington Blvd Port Washington NY 11050
The Organic Mechanics Soil Company LLC POB 272 Modena PA 19358	The Ortho Group P.O. BOX 190 Marysville OH 43041	The Pond Guy POB 38 Romeo MI 48065
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
Tranlin Inc One Boars Head Place Suite 100 Charlottesville VA 22903	TrashCan, LLC 953 Islington St. Suite 22 Portsmouth NH 03801	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. Scott Depot WV 25560	TruGreen Evansville P.O. BOX 5679 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

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Two Rivers fisheries, Inc. 1148 Wickliffe Road Wickliffe KY 42087	U.S. Borax Inc 14486 Borax Rd 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 Edmonton KY 42129	Vegalab 2542 Business Parkway Suite 2 Minden NV 89423	Verde AgriTech Salatin House,19 Cedar Road Sutton, Surrey SM2 5DA United Kingdom
Verdesian Life Sciences US LLC 1001 Winstead Dr Suite 480 Cary NC 27513	Vermicrop 5050 Arboga Rd Olivehurst CA 95407	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 Nancy KY 42544	Warner Fertilizer - Russell Springs 170 East Highway 80 Russell Springs KY 42642

**TABLE 4: REGISTERED COMPANIES 2017-2018**

Warner Fertilizer - Somerset POB 796 Somerset KY 42502	Warner Fertilizer - Stanford 1331 Old US Highway 127 East Stanford KY 40484	Warner Fertilizer - Tompkinsville 2010 Edmonton Road 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	White River LLC 610 Church Street Loogootee IN 47553	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	Woodford Feed Company, Inc. 498 Lexington Street Versailles KY 40383
Woodstream Corporation 69 North Locust Street Lititz PA 17543	Worm Power LLC 1691 Jenks Rd Avon NY 14414	Yara North America 100 N. Tampa St, Suite 3200 Tampa FL 33602
Yara UK LTD Manor Place, Wellington Rd Pocklington, York YO421DN United Kingdom		

# Regulatory Bulletin 336

## 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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