

# Annual Report

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# Analyses of Official Fertilizer Samples

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July 2020 – June 2021



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.



## Table of Contents

Introduction .....	1
Commercial Fertilizer Values for 2020 and 2021.....	2
Fertilizer Distribution Summary (Tons) July 2020 – June 2021.....	3
Table 1. Standing of Manufacturers .....	4
Table 2. Detailed Inspection Reports.....	10
Table 3. Detailed Inspection Reports of Fertilizer Containing Micronutrients .....	81
Table 4. Detailed N, P2O5, and K2O samples of Mixed Fertilizers & Fertilizer Materials by Grade .....	147
Table 5. Registered Companies 2020-2021 .....	218
<b>Appendices</b>	
Appendix A : Explanation of Tables .....	238
Appendix B: Investigational Allowances.....	240
Appendix C: Monetary Penalties.....	242
Appendix D: Maximum Chlorine Guarantee for Tobacco Fertilizers. ....	244

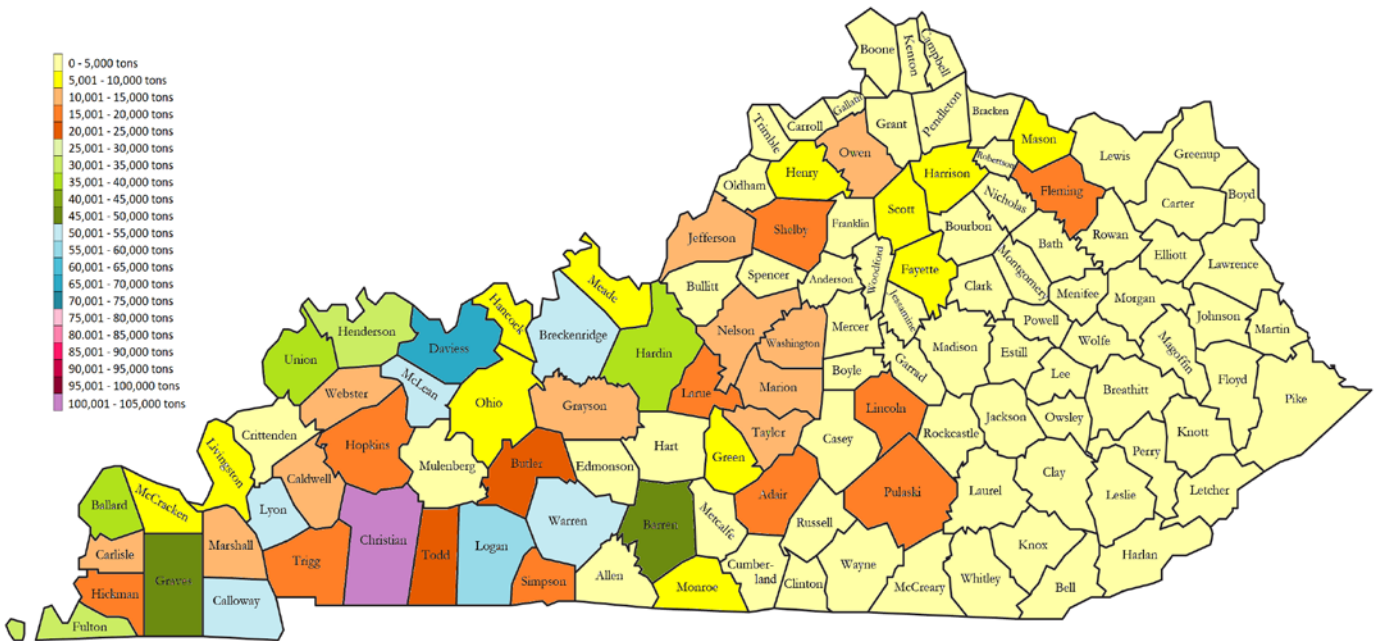




## INTRODUCTION

This bulletin presents the results of the analysis of 2,484 official samples of commercial fertilizer taken during the period of July 1, 2020 through June 30, 2021 by the field inspection staff. The samples represented approximately 51,145 tons of fertilizer out of the approximately 1,163,000 tons sold during this period. The Laboratory made 2,045 nitrogen, 1,530 phosphorus, 1,649 potassium, and 1355 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 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 material by grade. Table 5 is a listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of June 30, 2021.

**Distribution of Fertilizer Tonnage in Kentucky  
July 2020 – June 2021**



**Commercial Fertilizer Values for Calendar Years 2020 - 2021**

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>2020</b>	<b>2021</b>
	<b>Dollars/Unit (20 lbs.)</b>	
Total Nitrogen (N)	\$6.58	\$9.34
Avail. Phosphate (P <sub>2</sub> O <sub>5</sub> )	\$6.58	\$8.20
Soluble Potash (K <sub>2</sub> O)		
Tobacco (Low CL)	\$14.51	\$14.52
Non-Tobacco	\$6.08	\$5.98
Calcium (Ca)	\$6.04	\$11.21
Magnesium	\$31.36	\$29.79
Sulfur (S)	\$9.45	\$9.43
Boron (B)	\$124.00	\$147.70
Copper (Cu)	\$149.15	\$138.28
Iron (Fe)	\$10.80	\$10.80
Manganese (Mn)	\$35.71	\$58.06
Molybdenum (Mo)	\$20.20	\$20.20
Zinc (Zn)	\$53.94	\$62.46

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 2020 through June 2021

	Total	Container			Use	
		Bagged	Bulk	Liquid	Farm	Non-Farm
Multi-Nutrient	409,020.66	60,159.56	332,458.91	16,402.19	362,614.67	46,405.99
Nitrogen	487,841.84	6,975.61	177,893.19	302,973.03	483,916.83	3,925.00
Phosphate	4,973.04	69.42	4,902.67	0.95	4,972.15	0.89
Potash	231,002.14	2,601.15	225,399.52	3,001.48	225,780.63	5,221.52
Organics	526.18	90.53	408.31	27.34	501.17	25.01
Sec/Micro	8,696.76	2,771.42	4,295.96	1,629.38	7,977.26	719.50
Lime	50.08	50.08	0.00	0.00	0.00	50.08
Miscellaneous	23,109.39	1,351.68	18,525.26	3,232.45	22,122.46	986.93
<b>Total</b>	<b>1,165,220.09</b>	<b>74,069.45</b>	<b>763,883.83</b>	<b>327,266.81</b>	<b>1,107,885.17</b>	<b>57,334.92</b>

Percentage by container:

Bagged	6.36%
Bulk	65.56%
Liquid	28.09%

Percentage by use:

Farm	95.08%
Non-Farm	4.92%



# Regulatory Bulletin 346

Analysis of Official Fertilizer Samples  
July 2020- June 2021



# Regulatory Bulletin 346

## Table 1 Standing of Manufacturers July 2020-June 2021



**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Advanced Micronutrient Products - Reese, MI	5	5	100%
Advanced Turf Solutions - Fishers - Fishers, IN	1	1	100%
Ag Distributors Inc - Memphis, TN	31	27	87%
Ag1 Coop - Monticello, KY	6	6	100%
Agri-Chem - Hopkinsville - Hopkinsville, KY	16	15	94%
AgriGro Farm Center, Inc. - Hartford, KY	11	10	91%
Agriport Terminal - Eddyville, KY	38	37	97%
AgroLiquid Fertilizer - St. Johns, MI	7	5	71%
Allen County Farmers Service, Inc. - Scottsville, KY	18	18	100%
Anderson County Farm Service, Inc. - Lawrencebur	6	6	100%
Ballard County Coop., Inc. - La Center, KY	16	16	100%
Bandana Ag, Inc. - La Center, KY	20	17	85%
Bickett Ag - Central City - Central City, KY	10	7	70%
Bickett Ag - Morganfield - Morganfield, KY	6	6	100%
Black Gold EnviroSAFE - Arcadia, FL	1	0	0%
Bluegrass Seed & Fertilizer, Inc. - Bardstown, KY	10	10	100%
C.D. Poore Fertilizer - Albany, KY	11	9	82%
Cameron Chemicals Inc - Virginia Beach, VA	10	8	80%
Central Crop Care - Crab Orchard, KY	29	26	90%
Central Farmers Supply, Inc. - Greensburg, KY	10	9	90%
Central Garden & Pet Garden Division - Atlanta, G	2	0	0%
CF Industries Nitrogen LLC - Deerfield, IL	1	1	100%
CHS Crop Nutrients - St. Paul, MN	9	9	100%
CHS Crop Nutrients - Owensboro - Owensboro, KY	25	23	92%
Clark's Grocery Feed & Seed - Rockholds, KY	1	1	100%
Clements Ag Supply - Springfield, KY	16	15	94%
Darling Ingredients Inc - Irving TX - Irving, TX	27	21	78%
Dr. Earth Inc - Winters, CA	7	7	100%
Drake's Farm Service, Inc. - Morgantown, KY	10	10	100%
Eau Claire CO-OP Oil Company - Eau Claire, WI	5	5	100%
Espoma Company - Millville, NJ	4	2	50%
Farmers Fertilizer - Kelly Road - Bowling Green, KY	5	4	80%
Farmers Fertilizer - Old Nashville Rd - Bowling Gre	10	9	90%
Farmers Fertilizer - Smiths Grove - Smiths Grove, K	10	9	90%
Fleming County Farm Supply - Flemingsburg, KY	33	33	100%
Foxfarm Soil & Fertilizer Company - Arcata, CA	4	2	50%
Frit Industries - Ozark, AL	2	2	100%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Galaxy Sulfur LLC - Valdosta, GA	2	2	100%
Gaskins Fertilizer - Russell Springs, KY	18	17	94%
Green River Feed Mill Inc - Morgantown, KY	10	6	60%
Gro Green Inc - Buffalo, NY	1	0	0%
Gro Tec Inc - Madison, GA	31	22	71%
Gro-Well Brands Inc - Tempe, AZ	3	1	33%
Growmark Inc - Bloomington, IL	6	4	67%
Hancock County Farm Supply, Inc. - Hawesville, KY	7	7	100%
Helena Agri-Enterprises - Hazel - Hazel, KY	4	2	50%
Helena Agri-Enterprises - Hickman - Hickman, KY	10	6	60%
Helena Agri-Enterprises, LLC - Collierville - Colliervi	19	19	100%
Helm Fertilizer - Tampa, FL	10	10	100%
Henry Farmers Cooperative - Murray - Murray, KY	10	10	100%
Henry Farmers Cooperative - Paris - Paris, TN	13	13	100%
Hinton Mills at Cynthiana - Cynthiana, KY	10	10	100%
IMC Outdoor Living a Division of Liberty Tire Recyc	1	0	0%
J. A. Oldfield & Son, Inc. - Mize, KY	23	23	100%
J. R. Peters - Allentown, PA	1	1	100%
Janes Fertilizer & Farm Supply - Columbia, KY	17	15	88%
JM Fertilizer - Tampa, FL	1	1	100%
Kee's Farm Service & Supply, LLC. - Grayson, KY	12	12	100%
Ken's Value Center - Berry, KY	2	2	100%
Kentucky American Seeds - Hopkinsville - Hopkins	4	3	75%
Kentucky American Seeds - Madisonville - Madiso	1	0	0%
Kentucky Fertilizer - Winchester - Winchester, KY	62	41	66%
Knox Fertilizer Company Inc - Knox, IN	5	3	60%
Lesco Inc. - Cleveland, OH	4	4	100%
Lilly Miller Brands - Atlanta - Atlanta, GA	1	1	100%
Loveland Products, Inc. - Greeley, CO	3	3	100%
Marshall County Coop - Benton, KY	9	8	89%
Martin Operating Partnership LP - Kilgore, TX	5	5	100%
Mays Lick Mill - Mayslick, KY	14	14	100%
Miracle-Gro Lawn Products, Inc. - Marysville, OH	3	3	100%
Monty's Plant Food - Louisville, KY	2	1	50%
Nachurs Alpine Solutions Corporation - Marion, O	1	1	100%
NOT IN USAPLANTS - Lexington, KY	1	1	100%
Nutrien Ag Solutions - Campbellsville - Campbellsv	10	8	80%



**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Nutrien Ag Solutions - Cecilia - Cecilia, KY	10	7	70%
Nutrien Ag Solutions - Clarkson - Clarkson, KY	10	10	100%
Nutrien Ag Solutions - Clay - Clay, KY	10	10	100%
Nutrien Ag Solutions - Clinton - Clinton, KY	1	1	100%
Nutrien Ag Solutions - Ekron - Ekron, KY	10	10	100%
Nutrien Ag Solutions - Fancy Farm - Fancy Farm, K	11	10	91%
Nutrien Ag Solutions - Glasgow - Glasgow, KY	10	8	80%
Nutrien Ag Solutions - Greeley - Greeley, CO	175	171	98%
Nutrien Ag Solutions - Hardin - Hardin, KY	10	10	100%
Nutrien Ag Solutions - Henderson - Henderson, KY	2	2	100%
Nutrien Ag Solutions - Kevil - Kevil, KY	7	7	100%
Nutrien Ag Solutions - Lebanon - Lebanon, KY	11	10	91%
Nutrien Ag Solutions - Liquid River Terminal - Owe	9	7	78%
Nutrien Ag Solutions - Morganfield - Morganfield,	10	10	100%
Nutrien Ag Solutions - Pembroke - Pembroke, KY	8	5	63%
Nutrien Ag Solutions - Riverport - Owensboro, KY	10	10	100%
Nutrien Ag Solutions - Sacramento - Sacramento,	10	8	80%
Nutrien Ag Solutions - Sedalia - Sedalia, KY	10	8	80%
Nutrien Ag Solutions - Shelbyville - Shelbyville, KY	13	11	85%
Nutrien Ag Solutions - Upton - Upton, KY	10	10	100%
Nutrien Ag Solutions - Waverly - Waverly, KY	10	10	100%
Nutrien Ag Solutions Inc - Henderson, KY	5	5	100%
Oakley Fertilizer - North Little Rock, AR	2	2	100%
Otis Bryant & Son, Inc. - Caneyville, KY	10	9	90%
Parker Farm Supply - Port Royal, KY	25	25	100%
Parrish Shop & Sales, LLC - Henderson, KY	1	1	100%
Patriot Ag LLC - Clinton - Clinton, KY	8	8	100%
Patriot Ag LLC - Mayfield - Mayfield, KY	17	16	94%
Perfect Blend LLC - Bellevue, WA	1	1	100%
Plantation Products, Inc. - Norton, MA	1	1	100%
Pleasant View Agri-Service - Auburn, KY	3	3	100%
Prewitt Farm Supply, Inc. - Williamsburg, KY	2	0	0%
Pro Ag Sales & Service - Danville - Danville, KY	17	12	71%
Pro Solutions - Crofton - Crofton, KY	8	7	88%
Pro Solutions - Hiseville - Hiseville, KY	10	6	60%
Pro Solutions - Springfield - Springfield, TN	22	20	91%
Reliance Ag - Russellville - Russellville, KY	10	10	100%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Rhodes Farm Supply - Scottsville, KY	4	4	100%
Rip's Farm Center - Tollesboro - Tollesboro, KY	48	42	88%
Rogers Fertilizer & Services LLC - Lebanon, KY	15	15	100%
Rootblast International INC - Canton, OH	1	1	100%
SBM Life Science Corporation - Cary, NC	1	1	100%
Scotts Miracle-Gro Products Inc - Marysville, OH	1	0	0%
Seventy Feeds LLC - Eubank, KY	3	3	100%
Simplot AB Retail Sub Inc - Boise, ID	56	56	100%
Simplot Grower Solutions - Franklin - Franklin, KY	10	9	90%
Simplot Grower Solutions - Fancy Farm - Fancy Far	10	7	70%
Simplot Grower Solutions - Glasgow - Glasgow, KY	10	10	100%
Simplot Grower Solutions - Hartford - Hartford, KY	11	8	73%
Simplot Grower Solutions - Russellville - Russellvill	10	10	100%
South Central Farm Supply - Gamaliel, KY	10	10	100%
Southern FS Inc - Hickman - Hickman, KY	7	7	100%
Southern FS, INC - Marion, IL	27	27	100%
Southern States - Bowling Green - Bowling Green,	10	9	90%
Southern States - Cadiz - Cadiz, KY	12	12	100%
Southern States - Calhoun - Calhoun, KY	6	5	83%
Southern States - Campbellsville - Campbellsville,	12	8	67%
Southern States - Cynthiana - Cynthiana, KY	13	11	85%
Southern States - Elizabethtown - Elizabethtown,	10	9	90%
Southern States - Elkton - Elkton, KY	10	9	90%
Southern States - Eminence - Eminence, KY	14	14	100%
Southern States - Flemingsburg - Flemingsburg, KY	10	10	100%
Southern States - Franklin - Franklin, KY	10	9	90%
Southern States - Georgetown - Georgetown, KY	11	10	91%
Southern States - Glasgow - Glasgow, KY	10	9	90%
Southern States - Hardinsburg - Hardinsburg, KY	11	11	100%
Southern States - Harrodsburg - Harrodsburg, KY	1	1	100%
Southern States - Henderson - Henderson, KY	10	10	100%
Southern States - Hodgenville - Hodgenville, KY	10	10	100%
Southern States - Hopkinsville - Hopkinsville, KY	10	8	80%
Southern States - Horse Cave - Horse Cave, KY	10	10	100%
Southern States - London - London, KY	11	10	91%
Southern States - Maysville - Maysville, KY	11	11	100%
Southern States - Owensboro - Owensboro, KY	10	10	100%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>	<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Southern States - Owenton - Owenton, KY	13	12	92%
Southern States - Owingsville - Owingsville, KY	12	12	100%
Southern States - Richmond - Richmond, KY	9	9	100%
Southern States - Richmond VA - Richmond, VA	368	365	99%
Southern States - Russellville - Russellville, KY	10	8	80%
Southern States - Shelbyville - Shelbyville, KY	14	11	79%
Southern States - Somerset - Somerset, KY	12	12	100%
Southern States - Springfield - Springfield, KY	10	9	90%
Southern States - Stanford - Stanford, KY	10	9	90%
Southern States - Warsaw - Owenton, KY	11	11	100%
Southern States - Winchester - Winchester, KY	10	9	90%
Stanley Crop Service - Owensboro, KY	19	19	100%
SUL4R Plus, LLC - Louisville, KY	4	4	100%
Sun Bulb Company, INC. - Arcadia, FL	2	2	100%
Swiss Farms Products - Las Vegas, NV	9	7	78%
T and N Inc - Foristell, MO	1	1	100%
Tennessee Farmers Coop - Lavergne - Memphis, T	3	3	100%
The Scotts Company - Marysville, OH	17	17	100%
Thomas Cayce Farm Supply, LLC - Princeton, KY	26	26	100%
Tri-County Fertilizer Co., Inc. - Richmond, KY	11	9	82%
Turf Care Supply Corporation - Brunswick, OH	1	0	0%
U.S. Borax Inc - Chicago, IL	1	1	100%
Valley Fertilizer Company - Edmonton, KY	10	9	90%
Verdesian Life Sciences US LLC - Cary, NC	2	1	50%
Warner Fertilizer - Albany - Albany, KY	7	5	71%
Warner Fertilizer - Campbellsville - Campbellsville,	8	6	75%
Warner Fertilizer - Columbia - Columbia, KY	10	9	90%
Warner Fertilizer - Liberty - Liberty, KY	5	4	80%
Warner Fertilizer - Monticello - Monticello, KY	3	2	67%
Warner Fertilizer - Nancy - Nancy, KY	8	6	75%
Warner Fertilizer - Russell Springs - Russell Springs	6	5	83%
Warner Fertilizer - Somerset - Somerset, KY	98	88	90%
Warner Fertilizer - Stanford - Stanford, KY	10	10	100%
Warner Fertilizer - Tompkinsville - Tompkinsville,	10	9	90%
Waterway Ag Inc - Metropolis, IL	4	4	100%
White River LLC - Loogootee, IN	3	3	100%
Winfield Solutions, LLC - Saint Paul, MN	2	2	100%

**TABLE 1: STANDING OF MANUFACTURERS**

<b>Manufacturer, City and State</b>		<b>No. of Samples</b>	<b>No. Passed</b>	<b>% Passed</b>
Woodford Feed Company, Inc. - Versailles, KY		21	21	100%
<b>FROM:</b> 7/1/2020	<b>TO:</b> 6/30/2021	<b>TOTAL SAMPLES:</b> 2484	2277	92%

# Regulatory Bulletin 346

## Table 2

### Detailed Inspection Report Results

#### Primary Nutrients

July 2020- June 2021



TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Advanced Micronutrient Products Reese ,MI							
02-00-00	'EZ 20 Essential Zinc	61299	3.02			151	*
Advanced Turf Solutions - Fishers Fishers ,IN							
30-00-06	'Advanced Turf Solutions 30-0-6 with PSCU	61506	29.58		8.16	102.85	
Ag Distributors Inc Memphis ,TN							
15-15-15	'15-15-15	60448	14.14	15.93	17.61	105.66	
12-24-24	'12-24-24	60449	15.14	<b>21.45</b>	<b>20.64</b>	<b>95.68</b>	
15-15-15	'All Purpose Plant Food	60833	14.80	14.53	15.46	99.34	
10-10-10	'All Purpose 10-10-10	60842	12.41	12.12	9.98	116.52	
19-19-19	'All Purpose 19-19-19	60843	20.11	18.89	19.2	102.6	
15-15-15	'All Purpose Plant Food 15-15-15	60867	14.76	16.43	15.25	103.11	
15-15-15	'All Purpose 15-15-15	60871	15.92	16.51	15.79	107.28	
10-10-10	'All Purpose 10-10-10	60872	11.66	12.23	10.16	114.77	
06-24-24	'Professional Choice 6-24-24	60873	9.78	24.94	24.04	110.91	
19-19-19	'All Purpose 19-19-19	61003	19.49	20.25	19.37	103.81	
10-10-10	'All Purpose 10-10-10	61004	11.13	11.01	9.81	107.53	
10-10-10	'All Purpose 10-10-10	61023	10.25	11.42	10.04	106.05	
15-15-15	'All Purpose 15-15-15	61024	15.05	16.36	14.5	102.45	
06-24-24	'Professional Choice 6-24-24	61025	10.60	25.89	<b>21.12</b>	110.4	
19-19-19	'All Purpose 19-19-19	61507	19.97	20.33	18.58	103.91	
10-10-10	'All Purpose 10-10-10	61508	10.50	11.03	9.75	104.94	
06-24-24	'Professional Choice 6-24-24	61509	10.52	25.61	<b>21.28</b>	109.88	
15-15-15	'All Purpose 15-15-15	61629	15.21	15.23	15.89	102.6	
00-00-60	'MOP	62009			60.23	100.38	
18-46-00	'DAP	62010	18.32	46.62		101.48	
46-00-00	'Urea	62012	46.07			100.15	
46-00-00	'Urea	62013	46.12			100.26	
18-46-00	'DAP	62025	18.17	46.96		101.73	
00-00-60	'MOP	62026			59.98	99.97	
46-00-00	'Urea	62137	46.20			100.43	
19-19-19	'ADI 19-19-19	62710	19.78	18.41	19.89	101.74	
10-10-10	'ADI 10-10-10	62711	11.14	11.65	9.38	108.7	
15-15-15	'ADI 15-15-15	62712	15.87	15.95	17.08	108.04	
12-22-22	'ADI 12-22-22	62713	13.66	23.56	<b>20.3</b>	104.28	
30-10-10	'ADI 30-10-10 with 25% SCU 2%FE 1%S	62714	29.91	10.91	10.38	102.11	*
05-10-15	'ADI 5-10-15	62715	5.99	11.18	15.54	107.72	
Ag1 Coop Monticello ,KY							
37-06-06		61470	37.52	6.32	7.27	101.72	

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
31-00-20		61471	29.48		23.08	101.8	
20-10-24		61472	19.80	10.36	25.68	101.17	
19-19-19		62242	18.48	18.26	22.94	100.89	
10-27-23		62798	9.83	25.57	24.99	99.63	*
10-27-23		62799	9.9	25.62	25.37	100.37	*
Agri-Chem - Hopkinsville Hopkinsville ,KY							
00-00-60	'MOP	60456			61.03	101.72	
18-46-00	'DAP	60457	17.88	45.9		99.66	
11-52-00	'MAP	60458	11.35	52.18		100.84	
12-40-00	'MES Z	60459	11.60	40.64		100.46	*
12-40-00	'MES Z	60460	11.80	40.13		99.87	*
05-24-32		60558	5.21	22.57	32.49	99.37	*
09-24-27		60561	9.42	22.92	27.79	99.64	*
09-23-23		60613	8.94	23.3	23.59	101.76	*
09-23-23		60614	9.02	22.69	22.95	99.77	*
03-16-40		60615	3.54	15.88	39.99	98.73	*
04-21-35		60616	4.65	20.5	34.26	98.68	*
05-26-29		60617	5.52	25.04	28.14	97.89	*
08-20-32		60775	7.94	20.04	31.84	99.65	*
04-18-20		60776	4.06	17.48	22.83	106.17	*
26-00-00	'26-0-0	60834	24.37			<b>93.73</b>	*
31-11-11		61450	30.33	10.7	12.08	99.7	
AgriGro Farm Center, Inc. Hartford ,KY							
21-00-00	'AS	61545	21.30			101.43	*
00-46-00	'TSP	61546		45.56		99.04	
00-00-60	'MP	61547			60.18	100.3	
18-46-00	'DAP	61548	17.60	46.06		99.41	
46-00-00	'Urea	61549	46.20			100.43	
18-46-00	'DAP	61550	17.77	45.35		98.63	
00-00-60	'MP	61551			60.88	101.47	
06-15-40		62846	5.79	14.61	41.62	100.67	
26-12-16		62847	25.30	12.21	17.34	99.65	
06-15-40		62848	5.94	15	42.09	102.43	
18-13-26		62849	<b>16.78</b>	<b>11.9</b>	29.06	99.02	
Agriport Terminal Eddyville ,KY							
18-46-00	'DAP	60440	17.72	45.37		98.58	
00-00-60	'MOP	60441			59.43	99.05	

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
11-52-00	'MAP	60502	10.88	52.17		100.08	
18-46-00	'DAP	60503	17.40	46.8		100.31	
00-00-60	'MP	60504			60.5	100.83	
00-00-60	'MP	60505			60.15	100.25	
00-00-60	'MP	60587			62.65	104.42	
00-00-50	'SP	60588			50.55	101.1	
18-46-00	'DAP	60589	17.93	46.59		100.81	
32-00-00	'32% UAN	60835	32.02			100.06	
46-00-00	'Urea	61089	46.15			100.33	
18-46-00	'DAP	61090	17.55	45.8		98.93	
00-00-60	'MOP	61091			60.01	100.02	
00-00-22	'SPM	61092			21.98	102.23	*
46-00-00	'Urea	61100	46.06			100.13	
18-46-00	'DAP	61101	17.69	46.31		99.94	
00-00-60	'MP	61102			60.73	101.22	
00-00-60	'MP	61103			61.14	101.9	
00-00-60	'MP	61259			59.98	99.97	
18-46-00	'DAP	61260	17.65	46.37		99.96	
18-46-00	'DAP	61261	17.66	46.12		99.6	
46-00-00	'Urea	61262	46.20			100.43	
00-00-50	'SOP	61263			49.49	98.98	*
00-00-22	'KMag	61264			22.73	105.72	*
09-23-30		61404	8.62	23.77	31.12	102.09	
09-23-30		61405	8.77	24.08	30.61	102.29	
10-27-25		61406	10.33	27.04	26.29	101.68	
07-18-36		61407	<b>6.36</b>	<b>16.36</b>	38.38	97.85	
09-23-30		61408	8.80	22.48	30.65	99.5	
09-23-30		61409	8.70	22.59	30.8	99.69	
09-23-30		61410	9.15	24.96	29.34	102.99	
07-17-38		61411	6.58	17.15	38.85	101.32	
13-24-23		61412	12.73	25.09	25.19	102.58	
46-00-00	'Urea	61746	46.20			100.43	
46-00-00	'Urea	61747	46.02			100.04	
00-00-60	'MP	61748			60.64	101.07	
00-00-50	'SP	61749			51.31	102.62	
18-46-00	'DAP	61750	17.69	45.49		98.7	

AgroLiquid Fertilizer St. Johns ,MI

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
07-00-00	'Access	62524	10.64			152	*
07-00-00	'Enhance	62525	7.37			105.29	*
24-00-00	'NResponse	62526	<b>7.38</b>			<b>30.75</b>	*
12-03-03	'FertiRain	62527	11.67	3.2	3.03	99.18	*
09-24-03	'Pro-Germinator	62529	8.98	24.25	3.24	101.1	*
02-01-06	'Sure-K	62530	2.93	1.19	7.15	127.28	
Allen County Farmers Service, Inc. Scottsville ,KY							
00-00-60	'MOP	60815			59.81	99.68	
00-00-60	'MOP	60816			59.53	99.22	
18-46-00	'DAP	60817	17.59	46.19		99.58	
18-46-00	'DAP	60818	17.58	45.46		98.5	
18-46-00	'DAP	60819	17.91	45.76		99.48	
21-00-00	'AS	60820	20.71			98.62	*
46-00-00	'Urea	60821	46.19			100.41	
46-00-00	'Urea	60822	46.07			100.15	
19-19-19		61254	18.93	20.98	19.36	102	
16-18-22		61255	15.60	19.84	22.65	103.45	
13-20-26		61256	12.66	21.12	25	101.26	*
19-19-19		61257	19.40	20.07	19.85	101.96	
27-14-14		61258	26.81	15.08	14.47	102.83	
23-17-17		61451	22.50	16.82	17.21	99.71	
14-14-28		61452	13.87	13.26	27.71	98.73	*
15-19-25		61453	14.40	18.94	25.34	98.43	
19-19-19		61454	18.80	19.48	20.12	100.03	
23-17-17		61455	22.29	17.35	17.34	100.4	
Anderson County Farm Service, Inc. Lawrenceburg ,KY							
46-00-00	'Urea	61790	46.20			100.43	
18-46-00	'DAP	61791	17.67	45.26		98.32	
00-00-60	'MOP	61792			59.8	99.67	
46-00-00	'Urea	62733	45.94			99.87	
18-46-00	'DAP	62734	17.80	46.91		101.03	
00-00-60	'MOP	62735			59.51	99.18	
Ballard County Coop., Inc. La Center ,KY							
18-46-00	'DAP	60701	17.05	45.43		97.62	
00-00-60	'MP	60702			60.6	101	
18-46-00	'DAP	60703	18.34	46.38		101.13	
00-00-60	'MP	60704			60.08	100.13	

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
10-19-24		61902	10.69	19.33	25.81	104.43	*
10-19-24		61903	10.75	19.14	25.62	103.89	*
18-46-00 'DAP		61904	17.97	46.49		100.69	
00-00-60 'MP		61905			59.53	99.22	
20-00-00 'AS		61906	20.83			101.61	*
18-46-00 'DAP		61907	18.26	46.55		101.27	
16-14-18		61973	16.78	14.39	19.07	104.56	*
16-14-18		61974	16.52	14.26	19.89	104.94	*
34-00-00 'AN		61975	34.41			102.72	
10-19-24		61978	10.29	18.98	25.25	101.91	*
19-07-22		61979	19.28	7.08	22.62	101.56	
13-13-25		62159	13.49	13.46	25.92	103.8	*
<hr/>							
Bandana Ag, Inc. La Center ,KY							
00-00-60 'MOP		60450			61.01	101.68	
18-46-00 'DAP		60451	17.59	46.37		99.94	
12-40-00 'MES 10		60452	11.65	40.99		101.23	*
12-40-00 'MES 10		60453	11.67	40.66		100.63	*
08-21-28		60705	<b>4.75</b>	<b>11.5</b>	39.56	<b>95.49</b>	
10-19-27		60706	10.83	20.07	25.45	100.41	*
08-20-34		60707	7.17	<b>17.59</b>	36.94	99.64	
08-20-34		60708	7.44	18.66	35.25	99.27	
10-19-27		60709	10.31	18.42	26.9	98.86	*
10-19-27		60710	10.00	<b>17</b>	28.76	98.84	*
10-19-27		60711	10.65	18.57	26.95	99.85	*
10-19-26		60712	10.34	19.26	27.77	102.64	*
00-00-60 'MP		60862			59.57	99.28	
18-46-00 'DAP		60863	17.89	46.41		100.43	
34-00-00 'AN		60864	34.15			100.44	
21-00-00 'AS		60865	20.78			98.95	*
18-46-00 'DAP		60866	17.93	46.3		100.33	
14-15-27		61980	13.86	15.92	27.14	102.56	
34-00-00 'AN		61981	34.52			101.53	
12-15-27		61982	12.62	15.91	26.16	101.62	*
<hr/>							
Bickett Ag - Central City Central City ,KY							
09-23-30		62175	9.30	25.76	<b>26.17</b>	100.56	
09-23-30		62176	8.66	23.33	29.37	99.06	
16-18-12		62177	16.00	17.49	11.57	98.29	*

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
09-23-30		62178	8.83	22.73	30.94	100.4	
09-23-30		62179	8.64	23.84	28.86	99.27	
16-18-12		62180	15.38	18.39	11.8	99.09	*
06-15-40		62392	<b>5.40</b>	<b>13.68</b>	42.76	99.39	
06-15-40		62393	<b>5.08</b>	<b>12.9</b>	43.92	98.81	
09-23-30		62394	9.04	22.07	30.66	99.27	
09-23-30		62395	9.12	22.75	29.78	99.5	
Bickett Ag - Morganfield Morganfield ,KY							
00-00-60	'MP	61867			60.38	100.63	
18-46-00	'DAP	61868	17.61	46.17		99.59	
00-00-60	'MP	61869			60.12	100.2	
18-46-00	'DAP	61870	17.63	46.14		99.58	
18-46-00	'DAP	61871	17.64	46.02		99.41	
00-00-60	'MP	61872			60.37	100.62	
Black Gold EnviroSAFE Arcadia ,FL							
08-05-05	'Dynamite Mater Magic	62668	8.59	<b>3.84</b>	6.58	103.74	*
Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY							
20-20-19		62507	19.54	20.76	19.39	102.61	
21-15-20		62508	20.30	15.97	22.18	101.95	
21-15-20		62509	20.55	16.03	21.06	101.08	
28-12-15		62510	26.90	12.41	16.37	102.28	
22-12-22		62564	21.23	11.16	23.53	99.66	
20-20-19		62565	18.67	19.19	20.81	99.87	
24-11-19		62566	24.20	11.1	20.04	100.48	
29-00-22		62567	29.02		22.57	100.53	
23-00-30		62568	22.14		29.44	97.19	
31-00-20		62569	30.41		20.14	99.61	
C.D. Poore Fertilizer Albany ,KY							
00-00-60	'MOP	61121			59.96	99.93	
21-00-00	'AMS	61122	20.71			98.62	*
34-00-00	'AN	61123	34.13			100.38	
46-00-00	'Urea	61124	46.07			100.15	
18-46-00	'DAP	61125	18.20	46.99		101.83	
22-12-22		62606	21.38	11.72	24.28	101.9	
19-19-19	'Poore	62607	18.05	18.97	20.55	100.03	
08-11-15		62608	8.74	11.18	13.81	99.34	*
08-11-15		62609	8.47	11.18	13.72	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
08-11-15		62610	8.49	10.85	14.27	98.45	*
19-19-19		62611	18.39	19.26	21.56	100.72	
Central Crop Care Crab Orchard ,KY							
46-00-00	'Urea	60891	45.90			99.78	
18-46-00	'DAP	60892	17.85	46.65		100.72	
00-00-60	'MOP	60893			59.55	99.25	
22-11-19		61515	20.82	<b>9.7</b>	22.72	100.77	*
23-00-30		61516	22.34		30.76	99.59	
16-00-30		61517	<b>6.08</b>		30.75	<b>73.47</b>	*
31-05-14		61518	<b>26.89</b>	12.68	14.28	104.96	
17-13-22		62107	16.90	11.94	22.49	99.3	*
19-19-19		62108	18.89	19.36	19.28	100.84	
07-17-38		62109	6.90	17.11	38.18	101.01	
19-15-19		62110	17.98	15.27	20.16	101.11	*
19-19-19		62111	18.89	19.59	19.99	102.21	
30-09-14		62112	29.79	8.85	14.67	100.85	
44-00-00	'ESN	62113	45.30			102.95	
00-00-50	'SOP	62114			50.64	101.28	
18-46-00	'DAP	62115	18.13	46.36		100.76	
00-00-60	'MOP	62116			61.94	103.23	
21-00-00	'AS	62117	20.96			99.81	*
28-13-13		62570	28.19	12.4	13.33	99.47	
34-00-00		62571	33.08			98.75	*
22-12-22		62572	21.99	10.67	23.12	99.62	
11-11-11		62573	11.49	11.92	12.17	103.67	
18-46-00	'DAP	62574	18.10	46.57		101.03	
00-00-60	'MOP	62575			59.55	99.25	
21-00-00	'AS	62576	20.78			98.95	*
46-00-00	'Urea	62905	46.07			100.15	
18-46-00	'DAP	62906	18.14	45.86		100.03	
00-00-60	'MOP	62907			60.48	100.8	
21-00-00	'AS	62908	21.47			102.24	*
Central Farmers Supply, Inc. Greensburg ,KY							
19-19-19		61603	20.67	19.12	18.96	101.7	
19-19-19		61605	18.87	20.27	19.82	101.19	
27-00-18		61606	27.86		18.46	103.91	*
24-19-14		61607	24.73	19.13	13.75	102.1	

Values in bold are deficient.

\* Refer to Table 3

## TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
27-14-14		61612	26.81	13.76	14.88	100.89	
19-19-19		61613	20.19	20.22	18.61	102.25	
15-23-23		61614	15.74	23.82	21.9	102.99	
19-19-19		61615	19.04	20.83	19.27	101.85	
19-19-19		61655	20.11	19.44	20.62	103.33	
19-19-19		61656	19.52	19.42	20.83	102.36	
Central Garden & Pet Garden Division Atlanta ,GA							
10-08-06	'Azalea Camellia and Rhododendron	60523	9.96	<b>6.83</b>	5.60	<b>93.29</b>	*
10-10-10	'Pennington UltraGreen All Purpose	62557	9.88	<b>8.46</b>	<b>8.28</b>	<b>89.78</b>	*
CF Industries Nitrogen LLC Deerfield ,IL							
32-00-00	'UAN 32%	62531	31.93			99.78	
CHS Crop Nutrients St. Paul ,MN							
18-46-00	'DAP	60935	17.69	45.86		99.26	
46-00-00	'Urea	60936	46.18			100.39	
00-00-60	'MOP	60937			59.85	99.75	
18-46-00	'DAP	60938	17.77	45.94		99.52	
00-00-60	'MOP	60939			60.18	100.3	
46-00-00	'Urea	60940	46.12			100.26	
00-00-60	'MOP	60941			60.17	100.28	
18-46-00	'DAP	60942	17.65	45.9		99.25	
46-00-00	'Urea	60943	46.17			100.37	
CHS Crop Nutrients - Owensboro Owensboro ,KY							
46-00-00	'Urea	61167	46.06			100.13	
21-00-00	'AS	61168	20.92			99.62	*
00-00-60	'MOP	61169			60.97	101.62	
18-46-00	'DAP	61170	17.69	45.7		99.02	
21-00-00	'AMS	61348	20.87			99.38	*
18-46-00	'DAP	61803	17.68	45.67		98.96	
18-46-00	'DAP	61804	17.76	45.36		98.63	
18-46-00	'DAP	61805	17.79	45.65		99.11	
18-46-00	'DAP	61806	17.77	46.26		100	
00-00-60	'MOP	61807			59.93	99.88	
00-00-60	'MOP	61808			60.11	100.18	
00-00-60	'MOP	61809			60.22	100.37	
00-00-60	'MOP	61810			60.04	100.07	
46-00-00	'Urea	61811	46.13			100.28	
18-46-00	'DAP	61812	17.55	46.12		99.41	

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
00-00-60	'MOP	61813			59.8	99.67	
46-00-00	'Urea	62227	46.15			100.33	
18-46-00	'DAP	62228	17.67	45.39		98.52	
00-00-60	'MOP	62229			58.96	98.27	
32-00-00	'32-0-0 UAN	62834	30.99			<b>96.84</b>	
32-00-00	'32-0-0 UAN	62835	30.92			<b>96.62</b>	
32-00-00	'UAN 32-0-0	62836	31.12			97.25	
32-00-00	'UAN 32-0-0	62837	31.38			98.06	
32-00-00	'UAN 32-0-0	62938	31.43			98.22	
32-00-00	'UAN 32-0-0	62939	31.72			99.12	
Clark's Grocery Feed & Seed Rockholds ,KY							
18-46-00	'DAP	61818	17.88	45.41		98.91	
Clements Ag Supply Springfield ,KY							
46-00-00	'Urea	61413	46.07			100.15	
18-46-00	'DAP	61414	17.83	45.4		98.81	
00-00-60	'MOP	61415			58.94	98.23	
00-00-22	'K Mag	61416			22.97	106.84	*
46-00-00	'Urea	62307	46.18			100.39	
18-46-00	'DAP	62308	17.76	46.79		100.78	
00-00-60	'MOP	62309			59.9	99.83	
00-00-22	'KMag	62310			22.61	102.77	*
17-15-18		62721	19.68	<b>12.6</b>	<b>15.7</b>	97.14	*
38-00-00		62722	38.03			99.92	*
21-00-00		62723	21.43			102.1	*
21-00-00		62724	21.39			101.91	*
17-15-18		62725	17.38	15.94	18.8	103.37	*
32-09-00		62726	31.74	9.19		100.93	*
19-13-17		62727	19.25	13.84	18.39	103.62	*
19-13-17		62728	19.09	13.36	18.8	102.86	*
Darling Ingredients Inc - Irving TX Irving ,TX							
08-05-05	'Nature Safe 8-5-5	60462	10.35	4.48	5.39	112.43	*
07-12-00	'Nature Safe 7-12-0	60463	8.25	12.37		108.53	*
10-02-08	'Nature Safe 10-2-8	60464	10.72	2.66	7.47	104.59	*
05-05-05	'Nature Safe 5-5-5	60465	6.65	<b>3.8</b>	6	109.4	*
08-03-05	'Nature Safe 8-3-5	60466	9.24	2.76	5.46	109.12	*
12-02-06	'Nature Safe 12-2-6	60467	11.75	4.3	7.04	115.41	*
18-00-04	'Nature Safe 18-0-4	60468	17.63		5.35	104.04	*

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
10-00-08	'Nature Safe 10-0-8	60469	10.92		8.08	105.71	*
21-03-07	'Nature Safe 21-3-7	60470	20.69	2.84	7.77	100.79	*
27-00-02	'Nature Safe 27-0-2	60471	26.85		3.08	102.94	*
16-00-02	'Nature Safe 16-0-2	60472	19.90		3.49	129.57	*
13-00-00	'Nature Safe 13-0-0	60473	12.91			99.31	
05-06-06	'Nature Safe 5-6-6	60474	7.285	<b>3.685</b>	6.87	104.62	*
09-00-09	'Nature Safe 9-0-9	60475	10.16		8.71	105.15	*
18-00-04	'Nature Safe 18-0-4	62634	18.75		4.32	104.64	*
09-06-01	'Nature Safe 9-6-1	62635	10.53	5.46	2.31	112.71	*
05-06-06	'Nature Safe 5-6-6	62636	7.90	5.62	5.65	116.6	*
10-00-08	'Nature Safe 10-0-8	62637	10.60		7.54	102.02	*
21-03-07	'Nature Safe 21-3-7	62638	<b>15.33</b>	4.36	9.47	<b>89.7</b>	*
13-00-00	'Nature Safe 13-0-0	62639	12.26			<b>94.31</b>	
07-12-00	'Nature Safe 7-12-0	62640	8.00	12.22		106.8	*
10-02-08	'Nature Safe 10-2-8	62641	10.45	2.91	8.03	107.51	*
08-05-05	'Nature Safe 8-5-5	62642	9.71	4.9	6.02	114.59	*
16-00-02	'Nature Safe 16-0-2	62643	20.29		3.15	129.09	*
08-03-05	'Nature Safe 8-3-5	62644	9.29	2.37	6.3	111.34	*
12-02-06	'Nature Safe 12-2-6	62645	11.33	2.76	6.45	101.62	*
09-00-09	'Nature Safe 9-0-9	62646	9.73		9.79	108.37	*
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Dr. Earth Inc Winters ,CA							
05-05-02	'Dr. Earth Fruit Tree Fertilizer 5-5-2	61075	6.00	7.81	2.85	137.59	
08-00-02	'Dr. Earth Super Natural 8-0-2	61079	9.53		2.81	122.07	
05-05-02	'Dr. Earth Organic & Natural Fruit Tree	61631	6.20	7.51	2.38	134.18	
04-06-03	'Dr. Earth Organic & Natural Tomato Vegetable & Herb	61632	5.44	9.14	3.86	142.43	*
04-06-03	'Dr. Earth Home Grown Tomato Vegetable & Herb Fertilize	61817	5.62	8.02	3.59	133.71	*
05-05-02	'Fruit Tree Fertilizer	62669	5.75	7.2	2.55	128.43	
04-06-03	'Tomato Vegetable & Herb Fertilizer	62670	5.31	7.81	3.69	129.86	*
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Drake's Farm Service, Inc. Morgantown ,KY							
25-15-15		61457	24.53	15.61	15.81	100.53	
24-16-16		61458	23.08	16.7	17.26	101.18	
19-19-19		61459	19.19	19.75	19.7	100.76	
38-00-00		61460	37.19			98.7	*
20-23-15		61461	20.17	22.2	16.67	100.18	
24-16-16		61462	23.75	15.91	16.96	100.61	
24-16-16		61464	23.82	15.84	17.49	101.35	
18-18-20		61465	18.37	19.47	21.14	102.78	

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
22-15-19		61466	22.33	14.92	20.42	102.06	
38-00-00		61467	37.58			99.47	*
Eau Claire CO-OP Oil Company Eau Claire ,WI							
15-23-10	'Menards Premium Starter 15-23-10	60425	14.40	23.6	10.3	100.59	*
22-00-10	'Menards Premium Fall Lawn Food 22-0-10	60426	22.65		10.4	103.26	*
26-00-03	'Menards Premium Crabgrass Preventer Lawn Food 26-0-3	61047	25.55		3.21	98.87	*
30-00-03	'Menards Premium Lawn Food 30-0-3	61048	29.75		3.14	99.5	*
15-23-10	'Menards Premium Starter Fertilizer 15-23-10	61266	14.91	23.58	9.73	100.59	*
Espoma Company Millville ,NJ							
03-04-04	'Espoma Organic Garden-tone Herb & Vegetable Food	61815	4.05	6.17	4.06	132.99	*
04-03-03	'Bio-Tone Organic Starter Plus	62348	4.53	3.79	3.14	115.35	*
10-03-01	'Organic Bat Guano	62613	<b>6.76</b>	3.3	1.76	<b>81.24</b>	
06-02-01	'Organic Cottonseed Meal	62614	6.13	2.3	1.94	111.85	
Farmers Fertilizer - Kelly Road Bowling Green ,KY							
21-15-20		62153	20.61	14.45	22.84	100.71	
27-31-00		62154	26.48	30.32		97.87	
33-10-09		62155	32.15	10.48	11.31	102.51	
32-11-10		62230	<b>28.05</b>	12.27	13.48	99.68	
30-10-13		62231	28.74	10.92	13.28	99.5	
Farmers Fertilizer - Old Nashville Rd Bowling Green ,KY							
25-18-13		62015	25.52	18.39	13.25	101.74	
20-20-19		62016	19.16	19.17	20.93	101.09	
20-20-19		62017	19.22	19.44	20.62	101.29	
35-08-08		62018	34.59	7.73	9.51	100.94	
25-18-12		62019	24.70	17.52	13.82	101.44	
20-20-19		62020	19.86	22.14	<b>17.54</b>	103.41	
20-20-19		62021	18.61	18.78	21.69	100.26	
25-18-13		62022	24.46	17.33	14.44	99.25	
20-20-19		62023	19.66	19.78	20.07	102.08	
19-24-16		62024	18.94	23.69	17.18	100.31	
Farmers Fertilizer - Smiths Grove Smiths Grove ,KY							
03-07-26		62396	3.49	7.34	28.28	113.07	
09-23-30		62397	9.58	22.63	30.25	100.86	
09-23-30		62398	9.66	23.81	29.82	102.59	
09-23-30		62399	9.71	24.6	29.17	103.27	
09-23-30		62400	9.45	24.18	29.73	102.71	
05-14-18		62401	6.05	15.25	17.07	104.57	

Values in bold are deficient.

\* Refer to Table 3

## TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-19-25		62402	14.87	<b>17.93</b>	27.11	99.89	
15-19-25		62403	14.90	18.96	26.78	101.4	
09-23-30		62404	8.55	22.03	31.62	99.45	
09-23-30		62405	9.15	22.88	31.47	102.04	
Fleming County Farm Supply Flemingsburg ,KY							
46-00-00	'Urea	61267	46.07			100.15	
18-46-00	'DAP	61268	18.40	47.35		102.72	
21-00-00	'AS	61269	20.85			99.29	*
00-00-60	'MP	61270			60.16	100.27	
18-46-00	'DAP	61278	17.95	47.97		102.88	
46-00-00	'Urea	61279	46.02			100.04	
21-00-00	'AS	61280	20.94			99.71	*
00-00-60	'MP	61281			59.53	99.22	
46-00-00	'Urea	61292	46.17			100.37	
00-00-60	'MP	61293			60.63	101.05	
18-46-00	'DAP	61294	17.86	46.45		100.44	
21-00-00	'AS	61295	20.79			99	*
00-00-51	'SP 51	61662			51.09	100.18	
00-00-51	'SP 51	62050			51.48	100.94	
29-00-00		62052	29.50			100.58	*
09-09-09		62053	9.78	9.58	9.24	102.06	
15-00-00		62054	15.29			104.23	*
34-20-00		62055	32.98	20.87		99.61	
08-21-32		62056	8.39	22.47	31.42	101.26	
19-19-19		62057	19.18	20.18	20.21	102.07	
23-00-00		62058	23.03			100.13	
10-00-00		62059	11.31			107.71	*
21-09-16		62060	21.52	9.45	15.76	101.64	*
14-17-16		62087	14.35	17.1	18.1	104.09	*
12-13-23		62088	11.87	13.08	24.61	103.31	*
18-46-00	'DAP	62783	18.38	46.44		101.31	
46-00-00	'Urea	62784	46.04			100.09	
21-00-00	'AS	62786	20.90			99.52	*
18-46-00	'DAP	62787	17.9	45.63		99.27	
46-00-00	'Urea	62788	46.17			100.37	
46-00-00	'Urea	62794	46.19			100.41	
21-00-00	'AS	62795	20.81			99.1	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-51	'SP 51	62796			50.83	99.67	
Foxfarm Soil & Fertilizer Company Arcata ,CA							
10-07-07	'Fox Farm 10-7-7	61071	12.54	9.88	6.89	124.23	*
06-04-04	'Fox Farm Liquid Plant Food 6-4-4	61073	6.50	4.23	4.11	106.4	*
02-08-04	'Tiger Bloom	61636	4.22	8.45	4.21	123.73	*
10-07-07	'FoxFarm Marine Cuisine	61637	13.09	10.21	6.95	128.49	*
Gaskins Fertilizer Russell Springs ,KY							
00-46-00	'TSP	60802		46.55		101.2	
00-00-60	'MOP	60803			60.16	100.27	
00-46-00	'TSP	60804		45.25		98.37	
00-00-60	'MOP	61340			60.65	101.08	
18-46-00	'DAP	61341	17.75	45.75		99.2	
46-00-00	'Urea	61342	46.12			100.26	
00-46-00	'TSP	61343		45.21		98.28	
00-46-00	'TSP	61344		45.74		99.43	
08-20-20		61345	7.89	19.03	21.09	101.53	
32-00-00		61346	31.42			98.74	*
19-19-19		61347	19.48	19.38	19.25	102.31	
23-00-30		62459	23.28		30.81	101.89	
05-14-26		62460	5.37	12.84	26.99	99.85	*
07-17-22		62461	6.86	17.44	23.63	105.43	*
05-14-26		62462	5.16	13.02	28.22	102.01	*
14-14-14		62463	13.57	14.77	14.64	98.67	
31-00-00		62464	30.81			99.32	*
22-08-25		62465	21.28	7.35	26.9	100.1	
Green River Feed Mill Inc Morgantown ,KY							
21-15-20		61463	21.68	15.45	20.1	101.43	
22-17-18		62218	21.49	18.15	16.84	99.43	
19-19-19		62219	<b>17.25</b>	<b>17.5</b>	24.30	98.76	
19-19-19		62220	<b>17.62</b>	<b>15.21</b>	24.80	<b>96.06</b>	
23-17-16		62221	22.14	19.46	15.5	101.48	
23-17-16		62222	22.08	19.49	15.76	101.75	
23-17-16		62223	23.29	18.95	<b>14.64</b>	101.79	
19-19-19		62224	20.25	20.99	<b>16.48</b>	100.95	
23-17-16		62225	22.22	18.45	16.32	100.9	
23-17-16		62226	21.72	18.64	18.1	102.56	
Gro Green Inc Buffalo ,NY							

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
28-00-04	'American Way Weed and Feed 28-0-4	62617	<b>22.52</b>		3.80	<b>81.65</b>	
Gro Tec Inc Madison ,GA							
24-25-04	'Expert Gardener Lawn Starter 24-25-4	60427	<b>21.61</b>	<b>21.98</b>	5.93	<b>93.12</b>	
12-05-07	'Expert Gardener All-Purpose Plant Food 12-5-7	60428	10.97	5.055	6.52	<b>93.98</b>	*
18-24-06	'Sta-Green Lawn Starter 18-24-6	60476	17.91	24.43	7.34	103.32	
10-10-10	'Flower Food	60525	11.99	9.14	9.43	102.06	
12-05-07	'All Purpose	60526	11.78	5.24	6.44	97.88	*
16-06-16	'Groundwork Pasture Fertilizer	61015	14.93	6.02	17.22	99.14	
24-25-04	'Expert Gardner Lawn Starter 24-25-4	61081	22.93	24.31	4.4	97.07	
24-25-04	'Expert Lawn Starter Fertilizer	61349	23.20	23.93	5.35	98.2	
18-24-06	'Sta Green Lawn Starter Fertilizer	61350	18.44	25.21	6.3	103.95	
04-03-00	'Procare Natural Slow Release Fertilizer	61425	4.12	3.41		107.23	*
30-00-03	'Expert Gardener Crabgrass Preventer Plus Fertilizer 30-0-3	61898	29.02		4.09	99.12	
18-18-21	'Sta Green Tomato and Vegetable Plant Food	61900	19.55	19.24	23.46	108.92	*
04-03-00	'Pro Care Natural Fertilizer	61901	4.39	3.76		115.94	*
18-18-21	'Sta-Green Tomato & Vegetable	62027	17.53	21.24	23.65	108.62	*
19-06-12	'ProCare All Purpose	62028	20.31	6.92	13.07	108.77	*
28-00-03	'Expert Gardener Weed and Feed	62044	29.37		3.91	106.53	
10-08-08	'Expert Gardener Azalea Camellia & Rhododendron Plant F	62045	9.96	8.01	7.76	99.17	*
10-10-10	'Expert Gardener All Purpose Fertilizer	62046	10.39	11.14	<b>8.46</b>	101.61	
28-00-04	'Sta Green Weed and Feed 28-0-4	62532	28.31		3.73	100.45	
18-00-01	'Expert Gardener Triple Action Lawn Care 18-0-1	62533	19.56		1.34	109.54	
10-10-10	'Expert Gardener All Purpose Fertilizer 10-10-10	62534	9.84	9.425	<b>8.90</b>	<b>94.62</b>	
16-04-08	'Expert Gardener Tree and Shrub Plant Food	62535	19.73	4.34	8.11	116.64	*
12-10-05	'Expert Gardener Tomato & Vegetable	62560	11.71	10.48	7.25	106.56	*
12-05-07	'Expert Gardener All Purpose	62561	12.67	5.32	7.51	106.12	*
12-06-10	'Expert Gardener Rose	62562	13.41	6.47	<b>9.12</b>	105.32	*
10-10-10	'Groundwork 10-10-10	62874	11.04	10.92	11.06	110.03	
12-10-05	'Tomato & Vegetable Garden 12-10-5	62876	11.53	<b>8.675</b>	4.805	<b>92.67</b>	
24-08-16	'Plant Food 24-8-16	62877	24.57	8.3	16.9	103.42	
29-00-05	'Sta Green Lawn Fertilizer 29-0-5	62878	27.81		6.13	98.55	*
16-04-08	'Evergreen Tree & Shrub Plant Food 16-4-8	62894	16.88	5.22	8.58	109.43	*
12-10-10	'Ironite Plus	62913	12.77	11.38	10.53	108.54	*
Gro-Well Brands Inc Tempe ,AZ							
07-05-07	'Gro-Well All Purpose	61429	9.58	<b>3.745</b>	8.02	113.4	*
07-05-07	'Gro-Well All Purpose	61630	9.75	4.39	7.68	116.7	*
07-05-07	'Gro-Well Proven Organics All Purpose 7-5-7	61816	9.56	<b>3.217</b>	7.2	107.09	*

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
Growmark Inc Bloomington ,IL							
00-00-60	'MP	61836			60.68	101.13	
18-46-00	'DAP	62780	17.72	46.1		99.67	
28-00-00		62833	<b>26.47</b>			<b>94.23</b>	*
32-00-00	'UAN 32-0-0	62933	<b>30.44</b>			<b>95.12</b>	
32-00-00	'UAN 32-0-0	62936	31.39			98.09	
32-00-00	'UAN 32-0-0	62937	31.69			99.03	
Hancock County Farm Supply, Inc. Hawesville ,KY							
18-46-00	'DAP	60601	17.95	45.13		98.56	
00-00-60	'MP	60602			59.35	98.92	
21-00-00	'AS	60603	21.21			101	*
00-00-60	'MP	61541			61.16	101.93	
46-00-00	'Urea	61542	46.14			100.3	
21-00-00	'AS	61543	21.05			100.24	*
00-00-50	'SP	61544			49.21	98.42	
Helena Agri-Enterprises - Hazel Hazel ,KY							
06-16-20		60643	6.49	15.59	20.25	101.34	*
06-16-20		60644	6.83	16.22	19.37	101.73	*
05-12-15		60645	6.33	15.29	21.16	135.35	*
05-12-15		60646	5.84	15.51	19.99	130.91	*
Helena Agri-Enterprises - Hickman Hickman ,KY							
08-00-37		62277	7.96		37.56	100.93	*
08-00-37		62278	7.91		37.94	101.54	*
10-11-30		62279	9.96	12.95	28.77	102.02	*
10-11-30		62280	10.15	13.12	<b>28.14</b>	101.85	*
19-29-00		62281	18.19	31.13		101.64	*
19-29-00		62282	18.26	30.3		100.17	*
10-11-30		62283	10.20	12.7	<b>28.42</b>	101.5	*
10-11-30		62284	9.86	13.36	<b>27.99</b>	101.4	*
10-16-26		62285	10.15	18.23	24.82	104	*
10-16-26		62286	9.94	17.23	25.68	102.67	*
Helena Agri-Enterprises, LLC - Collierville Collierville ,TN							
18-46-00	'DAP	60572	18.16	46.25		100.64	
21-00-00	'AS	60573	21.13			100.62	*
00-00-60	'MP	60574			60.24	100.4	
00-00-21	'K Mag	60640			22.24	105.9	*
18-46-00	'DAP	60641	17.89	45.94		99.73	
00-00-60	'MP	60642			59.36	98.93	

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	60918			60.16	100.27	
46-00-00	'Urea	60919	46.20			100.43	
21-00-00	'AS	60920	20.70			98.57	*
18-46-00	'DAP	60921	17.82	45.79		99.38	
00-00-60	'MP	60922			59.83	99.72	
21-00-00	'AS	61333	21.40			101.9	*
00-00-22	'K-Mag	61334			21.87	99.41	*
18-46-00	'DAP	61335	17.75	45.19		98.35	
18-46-00	'DAP	61336	17.88	45.43		98.94	
00-00-60	'MP	61337			59.89	99.82	
00-00-60	'MP	61338			59.61	99.35	
46-00-00	'Urea	61339	46.10			100.22	
18-46-00	'DAP	61768	17.70	45.61		98.9	
Helm Fertilizer Tampa ,FL							
18-46-00	'DAP	60566	17.82	44.9		98	
18-46-00	'DAP	61604	17.82	46.2		99.99	
46-00-00	'Urea	61608	46.01			100.02	
00-00-60	'MOP	61609			60.99	101.65	
46-00-00	'Urea	61610	46.10			100.22	
46-00-00	'Urea	61611	46.03			100.07	
46-00-00	'Urea	61616	46.01			100.02	
46-00-00	'Urea	61617	46.13			100.28	
46-00-00	'Urea	61618	46.11			100.24	
21-00-00	'AS	61654	21.13			100.62	*
Henry Farmers Cooperative - Murray Murray ,KY							
09-23-30		61329	8.92	22	30.11	98.17	
09-23-30		61330	8.43	21.68	31.02	97.78	
29-08-10		61331	29.38	7.29	10.13	99.24	*
29-08-10		61332	29.39	7.54	10.19	99.87	*
10-15-29		61861	9.33	15.28	31.24	102.39	*
10-15-29		61862	9.78	15.59	29.96	102.16	*
13-14-19		61863	12.78	14.85	18.59	101.76	*
13-00-33		61864	12.83		34.43	101.48	*
21-15-13		61865	20.48	16.37	13.72	101.88	*
28-06-17		61866	27.34	6.29	18.09	99.96	*
Henry Farmers Cooperative - Paris Paris ,TN							
00-00-60	'MP	60618			60.39	100.65	

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	60619	17.51	46.32		99.73	
00-00-60	'MP	60620			60.49	100.82	
18-46-00	'DAP	60621	16.89	46.01		98.28	
00-00-60	'MP	60622			61.61	102.68	
21-00-00	'AS	60825	20.64			98.29	*
00-00-60	'MP	60826			59.28	98.8	
46-00-00	'Urea	60827	46.00			100	
18-46-00	'DAP	60828	17.79	45.83		99.35	
46-00-00	'Urea	60829	45.96			99.91	
00-00-60	'MP	60830			59.76	99.6	
18-46-00	'DAP	60831	17.79	45.56		98.97	
00-00-60	'MP	60832			59.95	99.92	
Hinton Mills at Cynthiana Cynthiana ,KY							
34-00-00		61296	33.17			99.01	*
34-00-00		61297	33.03			98.6	*
34-00-00		61298	34.32			102.45	*
23-00-30		61663	22.38		31.58	100.93	
04-11-43		61664	4.30	10.68	43.9	99.61	*
34-00-00		61665	32.71			97.64	*
18-00-24		61666	18.34		23.77	101.8	*
06-16-40		61667	6.01	16.12	40.69	102.27	
34-00-00		61668	33.01			98.54	*
31-00-20		61669	30.12		21.01	100.22	
IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres							
05-04-04	'Organics All Purpose	60524	5.44	3.385	3.95	98.22	*
J. A. Oldfield & Son, Inc. Mize ,KY							
46-00-00	'Urea	61282	46.19			100.41	
18-46-00	'DAP	61283	17.90	46.77		100.99	
18-46-00	'DAP	61284	17.78	46.16		99.86	
00-00-60	'MP	61285			61.56	102.6	
00-00-60	'MP	61286			61.67	102.78	
05-10-15	'Top Crop	61287	5.58	11.5	14.37	102.47	
10-10-10	'Top Crop	61288	10.39	11.2	9.81	105.25	
05-20-20	'Top Crop	61289	7.87	20.48	19.82	108.98	
19-19-19	'Top Crop	61290	18.16	19.12	21.13	101.31	
19-19-19		61291	19.20	18.89	18.55	102.09	
00-00-60	'MP	62444			61.37	102.28	

Values in bold are deficient.

\* Refer to Table 3

## TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	62445	46.17			100.37	
05-20-20	'Top Crop	62446	8.19	20.56	20.48	111.28	
10-10-10	'Top Crop	62447	10.23	9.82	11.33	103.67	
12-12-12	'Top Crop	62448	13.37	13.15	11.18	106.14	
19-19-19	'Top Crop	62449	18.22	19.78	20.26	101.49	
46-00-00	'Top Crop	62450	46.09			100.2	
10-10-10	'Top Crop	62481	9.50	10.61	12.38	106.19	
19-19-19	'Top Crop	62482	18.17	18.69	21.07	100.47	
19-19-19	'Top Crop	62716	18.19	22.34	19.53	105.15	
23-00-30		62718	21.98		31.89	100.45	
19-19-19		62719	19.54	18.74	20.66	102.87	
12-12-12	'Top Crop	62720	12.28	13.08	13.58	107.41	
J. R. Peters Allentown ,PA							
15-30-15	'Jacks Classic Houseplant Special	62616	16.64	32.03	15.82	107.75	*
Janes Fertilizer & Farm Supply Columbia ,KY							
18-46-00	'DAP	60772	17.84	45.7		99.28	
10-26-26		60773	9.99	25.51	27.43	100.94	
10-26-26		60774	10.30	26.7	26.17	101.48	
46-00-00	'Urea	61212	45.61			99.15	
00-00-60	'MOP	61213			60.2	100.33	
18-46-00	'DAP	61214	17.77	45.81		99.32	
46-00-00	'Urea	61215	46.04			100.09	
22-09-24		62596	21.49	9.04	26.41	102.61	
08-20-34		62704	7.81	20.23	35.71	102.68	
08-20-34		62705	7.49	20.16	35.55	101.66	
23-00-22		62706	23.65		22.51	102.84	*
37-00-00		62707	37.26			101.94	*
11-15-32		62708	11.12	14.46	32.4	99.68	*
00-00-60	'MOP	62709			58.85	98.08	
31-09-12		62741	32.52	8.72	<b>10.54</b>	100.08	
31-09-12		62742	33.03	8.63	<b>10.38</b>	100.78	
19-19-19		62743	18.16	18.75	21.16	101.3	
Kee's Farm Service & Supply, LLC. Grayson ,KY							
00-00-60	'MP	61005			61.06	101.77	
18-46-00	'DAP	61006	17.94	46.98		101.37	
19-19-19		61832	19.12	19.91	19.76	100.98	
19-19-19		61833	19.10	20.26	19.92	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		61835	19.23	19.95	20.15	101.79	
19-19-19		61837	19.09	20.39	20.32	102.52	
19-19-19		61840	19.50	19.34	20.57	101.8	
19-19-19		62438	19.35	18.21	20.46	99.22	
07-17-17		62439	6.72	16.98	18.46	103.77	
27-00-25		62440	26.91		25.18	100.44	
06-15-40		62677	6.00	15.55	41.72	102.83	
19-19-19		62772	19.10	19.6	19.65	100.24	
<hr/>							
Ken's Value Center Berry ,KY							
10-10-10	'10-10-10	62666	10.40	11.02	10.12	105.45	
19-19-19	'19-19-19	62667	20.52	21.01	18.35	106	
<hr/>							
Kentucky American Seeds - Hopkinsville Hopkinsville ,KY							
05-00-00	'Protect Plus Zn	61873	5.86			117.2	*
05-18-07	'Torque Complete	61874	5.60	20.19	7.37	110.91	*
07-24-06	'Pin Point Ortho	61876	7.27	24.71	6.09	102.98	*
14-14-05	'Convoy Complete 14-14-5 with 4% S	61877	13.50	14.93	<b>4.34</b>	99.64	*
<hr/>							
Kentucky American Seeds - Madisonville Madisonville ,KY							
31-00-00		62931	31.40			100.77	*
<hr/>							
Kentucky Fertilizer - Winchester Winchester ,KY							
35-00-00	'Ky Green	60409	34.52			98.63	*
10-10-10	'10-10-10	60412	<b>7.49</b>	9.16	11.76	<b>94.1</b>	
19-19-19	'Kentucky Green 19-19-19	60801	<b>17.11</b>	20.69	18.72	99.17	
19-19-19	'Kentucky Green	61068	<b>16.91</b>	<b>14.57</b>	18.11	<b>86.31</b>	
10-10-10	'Kentucky Green	61070	12.91	12.22	10.27	119.98	
19-19-19	'KY Green	61224	18.72	19.09	17.85	98.04	
06-24-24	'KY Green	61225	5.90	<b>21.85</b>	<b>20.45</b>	<b>89.96</b>	
19-19-19	'KY Green	61265	18.71	19.76	20.3	102.53	
10-10-10	'10-10-10	61430	<b>8.50</b>	<b>7.945</b>	13.46	<b>95.66</b>	
19-19-19	'19-19-19	61519	<b>16.60</b>	17.88	22.93	98.19	
15-15-15	'15-15-15	61520	15.22	15.08	15.07	100.89	
19-19-19	'Kentucky Green	61521	18.65	18.62	20.06	99.99	
10-10-10	'Kentucky Green	61522	11.31	10.59	11.89	112.06	
19-19-19	'Kentucky Green 19-19-19	61596	19.28	19.98	18.51	101.73	
10-10-10	'KY Green	61597	11.24	10.78	10.76	109.58	
19-19-19	'Kentucky Fertilizer	61710	18.37	19.29	19.68	100.13	
10-10-10	'Kentucky Fertilizer	61711	9.71	10.4	9.42	98.77	
10-10-10	'Kentucky Fertilizer	61774	9.57	10.35	11.3	102.82	

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
05-20-20	'Kentucky Fertilizer	61775	5.94	21.05	19.01	103.47	
19-19-19	'Kentucky Fertilizer	61776	18.05	17.92	21.5	99.38	
10-10-10	'Kentucky Green	61838	9.64	9.74	9.87	97.33	
19-19-19	'Kentucky Green	61839	18.47	18.67	21.1	101.1	
19-19-19	'Kentucky Green	62096	18.59	19.22	19.48	100.19	
21-00-00	'Kentucky Green	62097	20.60			98.1	
10-10-10	'Ky Green	62316	10.25	13.5	9.99	113.17	
10-10-10	'Ky Green	62317	9.30	10.49	9.58	97.86	
19-19-19	'Ky Green	62318	<b>16.98</b>	<b>17.5</b>	19.77	<b>94.06</b>	
05-10-10	'Kentucky Green	62343	4.66	9.23	<b>8.94</b>	<b>91.6</b>	
10-10-10	'Kentucky Green	62344	9.30	<b>8.798</b>	11.28	<b>96.29</b>	
10-10-10	'Kentucky Green	62349	9.95	10.24	9.56	99.52	
05-20-20	'Kentucky Green	62483	5.15	19.66	19.3	98.31	
06-12-12	'Kentucky Green	62484	<b>5.40</b>	11.31	<b>10.27</b>	<b>90.45</b>	
10-10-10	'Kentucky Green	62485	10.35	10.06	<b>8.68</b>	98.24	
10-20-20	'Kentucky Green	62486	10.09	<b>18.43</b>	<b>17.53</b>	<b>92.89</b>	
14-32-11	'Kentucky Green	62487	14.23	33.38	10.4	102.15	
15-15-15	'Kentucky Green	62488	14.06	15.24	14.88	97.87	
15-19-25	'Kentucky Green	62489	14.08	20.07	26.17	101.61	
18-24-12	'Kentucky Green	62490	17.60	25.52	12.94	103.29	*
19-19-19	'Kentucky Green	62491	18.50	19.34	20.58	101.69	
19-35-08	'Kentucky Green	62492	18.28	35.91	8.96	101.26	
24-05-11	'Kentucky Green	62493	<b>21.86</b>	6.25	12.33	99.46	*
00-00-60	'MOP	62591			59.02	98.37	
18-46-00	'DAP	62592	18.00	46.42		100.63	
46-00-00	'Urea	62593	46.12			100.26	
20-10-10	'Kentucky Fertilizer	62594	20.40	10.78	9.54	102.25	
19-19-19	'Kentucky Fertilizer	62595	<b>16.58</b>	19.77	19.11	<b>96.5</b>	
10-10-10	'Kentucky Green	62657	9.71	11.1	11.53	106.57	
19-19-19	'Kentucky Green	62658	17.86	19.79	21.88	102.92	
10-10-10	'Kentucky Green	62659	9.22	<b>8.9</b>	<b>8.76</b>	<b>89.91</b>	
00-10-30	'Kentucky Green	62660		<b>8.025</b>	30.18	<b>94.2</b>	*
10-10-10	'Kentucky Green	62661	<b>7.76</b>	9.385	9.24	<b>87.01</b>	
19-19-19	'Kentucky Green	62662	18.24	20.97	19.85	103.16	
34-00-00	'Kentucky Green Super Kicker Plus w/ Nutrisphere	62663	33.58			98.76	
10-10-10	'Kentucky Green	62760	9.49	10.12	10.3	99.16	
19-19-19	'Kentucky Green	62766	19.29	19.8	20.4	103.95	

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	'Kentucky Green	62775	9.32	9.76	10.73	98.32	
10-20-20	'Kentucky Green	62776	10.52	21.15	<b>17.36</b>	99.6	
16-27-14	'Kentucky Green	62777	15.54	26.66	<b>12.32</b>	<b>96.23</b>	
19-19-19	'Kentucky Green	62778	19.82	18.47	19.01	100.75	
19-19-19	'Ky Green	62815	18.28	20.96	<b>15.32</b>	97.17	
15-30-15	'Kentucky Green	62912	16.77	30.2	14.38	103.04	
Knox Fertilizer Company Inc Knox ,IN							
10-10-10	'Twin Pine 10-10-10	61428	9.46	9.85	11.32	100.69	
17-18-28	'Schultz Tomato Food	61638	16.97	19.87	28.18	103.4	*
10-10-10	'Twin Pine	61897	10.82	10.98	12.6	113.28	
11-22-10	'Lawn Scape Starter Fertilizer	62612	13.00	23.56	<b>8.74</b>	<b>94.16</b>	
20-20-20	'Schultz All Purpose	62858	21.70	<b>18.57</b>	19.25	99.93	*
Lesco Inc. Cleveland ,OH							
18-24-12	'Lesco Starter Fertilizer 18-24-12	61195	17.92	23.96	13.13	101.3	
30-00-10	'Lesco 30-0-10	61426	30.00		10.49	100.86	*
20-00-03	'Lesco 20-0-3	61427	19.38		2.96	97.05	
24-00-03	'Poly Opti 24-0-3	61944	25.43		3.54	106.85	*
Lilly Miller Brands - Atlanta Atlanta ,GA							
05-01-01	'Alaska Fish Fertilizer 5-1-1	61072	5.11	2.92	1.87	136.09	
Loveland Products, Inc. Greeley ,CO							
18-46-00	'DAP	60569	17.54	46.09		99.42	
00-00-60	'MOP	60570			61.08	101.8	
00-00-60	'MOP	60571			60.52	100.87	
Marshall County Coop Benton ,KY							
18-46-00	'DAP	61026	17.00	45.04		<b>96.84</b>	
30-00-00	'30-0-0	61027	30.69			102.3	
00-00-60	'MP	61028			59.69	99.48	
16-16-16		61398	16.65	15.81	16.95	100.82	
18-18-15		61399	17.50	18.45	15.98	101.08	
18-18-15		61400	17.22	18.18	16.22	100.25	
18-18-15		61401	17.87	17.73	16.08	100.74	
09-23-30		61402	8.68	24.04	30.82	102.31	
09-09-07		61403	8.74	10.06	7.99	103.6	
Mays Lick Mill Mayslick ,KY							
34-00-15		62047	35.49		15.53	103.01	
23-00-00		62048	23.58			104.34	*
00-00-57		62049			57.95	101.76	*

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
40-00-00		62061	39.57			99.55	*
40-00-00		62062	38.98			98.06	*
42-00-00		62063	42.01			100.43	*
08-09-14		62064	9.84	8.96	15.17	107.82	*
30-00-00		62098	30.28			99.67	*
42-00-00		62099	41.16			98.4	*
38-00-00		62100	36.82			97.74	*
30-12-12		62101	30.53	11.54	11.53	100.7	
17-04-18		62789	16.64	4.37	19.38	102.67	*
17-04-18		62790	16.62	4.2	18.7	100.18	*
17-04-18		62791	16.84	4.41	18.53	100.47	*
Miracle-Gro Lawn Products, Inc. Marysville ,OH							
07-06-09	'Miracle-Gro Performance Organics Edibles	61633	7.66	6.55	8.76	105.49	*
12-04-08	'Miracle-Gro Shake n Feed All Purpose	61849	12.34	4.85	8.51	106.85	*
18-18-21	'Plant Food Vegetables and Herbs	62875	19.50	16.93	20.64	100.7	
Monty's Plant Food Louisville ,KY							
06-18-06	'Monty s Zn Starter	61882	6.30	17.64	5.57	98.86	*
08-16-08	'Plant Vantage Premium Growth	62615	8.74	17.36	9.01	109.5	*
Nachurs Alpine Solutions Corporation Marion ,OH							
03-18-18	'Nachurs 3-18-18	61875	3.09	18.64	17.53	101.16	
NOT IN USAPLANTS Lexington ,KY							
28-00-00		62924	29.45			105.14	*
Nutrien Ag Solutions - Campbellsville Campbellsville ,KY							
17-16-10		62427	16.16	<b>7.24</b>	16.30	<b>88.42</b>	*
26-00-19		62428	27.20		19.92	106.97	*
26-00-19		62429	26.40		19.07	103.37	*
08-20-34		62430	7.68	19.41	35.24	100.77	
08-20-34		62431	7.72	19.78	35.25	101.48	
08-20-34		62432	7.43	18.45	36.17	99.71	
25-00-18		62433	25.18		19.97	101.8	*
08-21-33		62816	8.14	20.69	31.55	97.98	
08-21-33		62817	7.86	20.44	33.08	98.99	
08-21-33		62818	7.76	19.83	33.68	98.46	
Nutrien Ag Solutions - Cecilia Cecilia ,KY							
22-00-31		61657	21.32		32.77	100.61	
20-16-20		61658	20.06	16.27	22.16	101.5	
20-10-26		61659	21.05	10.4	25.43	102.43	

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
20-12-24		61661	20.00	11.25	25.86	100.64	
20-12-24		61727	20.70	12	23.51	100.32	
32-23-00		61728	30.98	23.76		99.15	
24-18-14		61729	23.89	19.09	13.66	100.99	
25-15-15		61730	<b>23.30</b>	15.42	18.76	101.45	
18-18-21		61731	17.52	<b>15.14</b>	26.35	98.86	
32-23-00		61732	<b>30.36</b>	25.65		101.14	
Nutrien Ag Solutions - Clarkson Clarkson ,KY							
06-21-28		61437	6.22	20.5	28.94	99.24	*
06-20-30		61438	6.03	19.78	29.84	99.43	*
06-20-30		61439	5.84	19.23	30.44	98.75	*
06-20-30		61440	6.05	19.86	29.82	99.61	*
12-17-30		61441	12.00	16.81	30.88	99.31	
17-17-20		61442	16.11	16.92	21.14	101.27	*
12-17-30		61443	12.72	17.2	29.67	99.92	
16-18-24		61444	16.41	18.21	24.24	99.99	
06-21-28		61445	6.32	20.67	28.4	99.01	*
06-20-30		61446	6.08	20.26	29.12	99.45	*
Nutrien Ag Solutions - Clay Clay ,KY							
09-23-30		62382	9.53	23.06	29.86	101.05	
09-23-30		62383	9.63	22.65	31.58	102.79	
07-24-24		62384	7.47	23.82	23.5	99.56	*
07-24-24		62385	7.09	23.55	23.8	98.58	*
09-23-30		62386	9.38	22.79	30.65	101.31	
09-23-30		62387	9.29	22.84	30.03	100.39	
07-24-24		62388	7.09	22.6	25.61	99.33	*
07-24-24		62389	7.29	23.59	24.15	99.64	*
07-24-24		62390	7.04	23.98	24.87	100.9	*
12-21-27		62391	12.19	20.85	28.4	101.07	
Nutrien Ag Solutions - Clinton Clinton ,KY							
19-24-00		61992	19.09	24.33		99.45	*
Nutrien Ag Solutions - Ekron Ekron ,KY							
15-19-19		62361	14.49	19.72	21.21	102.99	*
15-19-19		62362	14.89	20.32	18.9	101.74	*
03-11-44		62363	3.43	11.74	45.34	104.9	*
21-16-14		62364	20.48	18.12	15.12	103.11	*
30-18-00		62365	30.31	19.17		101.38	*

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
22-15-15		62366	21.14	16.85	15.44	102.91	*
18-16-18		62367	17.65	17.49	18.92	102.33	*
07-23-26		62368	7.00	21.93	27.2	100.78	*
12-23-19		62369	11.94	22.56	19.39	99.81	*
06-20-30		62370	6.31	20.44	30.63	102.57	*
<hr/>							
Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY							
08-20-34		60670	8.90	21.91	<b>30.91</b>	100.39	
08-20-34		60671	7.75	19.54	33.91	99.13	
09-23-30		60672	8.43	24.17	28.81	99.16	
07-18-33		62189	7.38	19.03	32.2	101.37	*
07-18-33		62190	7.36	19.01	33.78	103.57	*
17-15-20		62191	16.65	16.39	20.25	101.31	*
17-15-20		62192	17.04	16.59	20.73	103.32	*
06-15-40		62193	6.26	16.62	39.81	102.82	
06-15-40		62194	6.27	17.26	39.39	103.49	
07-18-33		62195	7.12	18.85	33.33	102.06	*
07-18-33		62196	7.88	19.69	32.6	104.39	*
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Nutrien Ag Solutions - Glasgow Glasgow ,KY							
08-21-27		61574	8.55	21.51	27.41	103.73	
35-08-08		61575	<b>33.62</b>	7.99	8.54	97.95	
27-14-14		61576	27.32	14.15	13.27	100.62	
20-23-00		61577	19.12	24.04		101.34	*
16-10-21		61578	16.39	<b>8.645</b>	21.92	100.66	*
18-06-29		61579	16.82	6.88	31.5	102.3	*
22-11-20		61580	20.37	10	21.24	98.37	*
22-11-20		61581	21.05	10.79	20.35	100.22	*
20-08-24		62265	19.14	8.54	25.12	100.09	*
21-08-24		62266	19.77	8.77	24.52	100.01	*
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Nutrien Ag Solutions - Greeley Greeley ,CO							
18-46-00	'DAP	60420	17.67	46.38		100.08	
18-46-00	'DAP	60421	17.49	45.43		98.31	
00-00-60	'MOP	60422			60.31	100.52	
12-40-00	'MES	60423	11.48	39.29		97.63	*
12-40-00	'MES10	60527	11.96	41.09		102.02	*
18-46-00	'DAP	60528	17.67	46.82		100.77	
00-00-60	'MP	60529			62.21	103.68	
12-40-00	'MES	60530	11.86	40.8		101.27	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
44-00-00	'ESN 44-0-0	60531	45.33			103.02	
18-46-00	'DAP	60535	18.12	45.62		99.59	
00-00-60	'MP	60536			60.96	101.6	
00-46-00	'TSP	60537		45.37		98.63	
12-40-00	'MEZ	60538	11.40	40.67		100.13	*
12-40-00	'MES 10	60539	11.87	41.35		102.35	*
00-00-60	'MP	60562			59.56	99.27	
18-46-00	'DAP	60563	17.37	46.05		99.09	
12-40-00	'MES10	60564	11.73	39.26		98.06	*
44-00-00	'ESN 44-0-0	60565	44.67			101.52	
00-00-58	'Aspire	60584			57.4	98.97	*
00-00-60	'MP	60585			60.11	100.18	
12-40-00	'MES10	60586	11.94	40.8		101.42	*
18-46-00	'DAP	60595	17.24	45.88		98.62	
00-00-60	'MP	60596			59.84	99.73	
44-00-00	'ESN	60604	45.07			102.43	
12-40-00	'MES10	60605	11.46	40.36		99.65	*
00-00-60	'MP	60606			<b>58.36</b>	97.27	
12-40-00	'MES10	60607	11.80	39.42		98.5	*
00-00-60	'MP	60795			58.85	98.08	
18-46-00	'DAP	60796	18.32	45.33		99.45	
12-40-00	'MES 10	60797	11.82	40.47		100.56	*
00-00-22	'Sul-Po-Mag	60798			21.36	97.09	*
18-46-00	'DAP	60902	17.71	46.14		99.71	
00-00-60	'MP	60903			60.04	100.07	
00-00-60	'MP	60904			60.22	100.37	
04-06-32	'4-6-32	60905	5.02	8.49	<b>30.22</b>	106.94	*
46-00-00	'Urea	60906	45.98			99.96	
12-40-00	'MEZ	60907	11.59	40.14		99.39	
44-00-00	'ESN	60908	43.85			99.66	
00-00-60	'MP	60910			60.65	101.08	
46-00-00	'Urea	60911	46.18			100.39	
00-00-50	'SOP	60944			51.69	103.38	
18-46-00	'DAP	60945	17.62	46.51		100.12	
12-40-00	'MES 10	60946	11.69	41.23		101.63	*
12-40-00	'MES 10	60947	11.78	41.39		102.12	*
00-00-60	'MOP	60948			60.46	100.77	

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	60949			59.51	99.18	
46-00-00	'Urea	60950	46.20			100.43	
46-00-00	'Urea	60951	46.20			100.43	
44-00-00	'ESN	60952	45.30			102.95	
00-00-60	'MOP	60953			59.07	98.45	
12-40-00	'MES 10	60954	11.44	40.62		99.97	*
44-00-00	'ESN	60955	45.36			103.09	
00-00-60	'MOP	60956			59.78	99.63	
18-46-00	'DAP	60957	17.65	45.81		99.11	
46-00-00	'Urea	60958	46.09			100.2	
32-00-00	'32% UAN	60968	31.78			99.31	
32-00-00	'32% UAN	60969	31.93			99.78	
00-00-60	'MP	61049			59.42	99.03	
18-46-00	'DAP	61050	17.18	46.28		99.02	
12-40-00	'MES	61051	11.60	40.35		99.8	*
44-00-00	'ESN 44-0-0	61052	45.46			103.32	
00-00-60	'MP	61107			60.94	101.57	
18-46-00	'DAP	61108	17.14	46.29		98.96	
12-40-00	'Mes 10	61109	11.95	40.23		100.32	*
18-46-00	'DAP	61110	17.73	46.1		99.69	
00-00-60	'MP	61111			59.65	99.42	
12-40-00	'MES 10	61112	11.77	40.65		100.72	*
46-00-00	'Urea	61140	46.20			100.43	
18-46-00	'DAP	61141	17.99	46.45		100.66	
18-46-00	'DAP	61142	18.08	45.68		99.66	
00-00-60	'MOP	61143			61.21	102.02	
12-40-00	'MES 10	61144	11.83	41.03		101.56	*
46-00-00	'Urea	61145	46.00			100	
00-00-60	'MOP	61146			61.57	102.62	
21-00-00	'AS	61147	20.66			98.38	*
44-00-00	'ESN	61166	45.14			102.59	
44-00-00	'ESN	61171	45.36			103.09	
18-46-00	'DAP	61172	17.62	46.65		100.33	
00-00-60	'MOP	61173			60.28	100.47	
46-00-00	'Urea	61174	46.16			100.35	
46-00-00	'Urea	61175	46.04			100.09	
12-40-00	'MES 10	61176	11.74	41.28		101.83	*

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	61177			49.99	99.98	
12-40-00	'MES 10	61189	11.72	40.73		100.77	*
18-46-00	'DAP	61190	17.95	45.59		99.3	
00-00-60	'MOP	61191			60.42	100.7	
46-00-00	'Urea	61192	46.20			100.43	
44-00-00	'ESN	61193	45.43			103.25	
00-00-50	'SOP	61194			51.14	102.28	
00-00-58	'Aspire	61496			59.08	101.86	*
00-00-60	'MP	61497			60.12	100.2	
12-40-00	'MES10	61498	12.03	40.59		101.16	*
12-40-00	'MES	61533	12.12	39.56		99.43	*
18-46-00	'DAP	61535	17.67	45.88		99.25	
00-00-60	'MP	61536			60.21	100.35	
12-40-00	'MES	61537	11.90	39.99		99.77	*
00-00-60	'MP	61538			60.71	101.18	
44-00-00	'ESN	61539	44.76			101.73	
46-00-00	'Urea	61540	46.20			100.43	
18-46-00	'DAP	61623	17.63	45.22		98.19	
12-40-00	'MES 10	61624	12.13	40.35		100.93	*
00-00-60	'MP	61625			60.24	100.4	
18-46-00	'DAP	61626	17.65	45.51		98.66	
00-00-60	'MP	61627			60.06	100.1	
46-00-00	'Urea	61628	46.18			100.39	
00-00-22	'KMag	61660			22.51	102.32	*
44-00-00	'ESN	61741	45.00			102.27	
46-00-00	'Urea	61742	45.97			99.93	
18-46-00	'DAP	61743	17.64	45.69		98.92	
00-00-60	'MP	61744			60.07	100.12	
12-40-00	'MES	61745	11.79	40.67		100.8	*
46-00-00	'Urea	61751	46.16			100.35	
44-00-00	'ESN	61752	44.88			102	
12-40-00	'MES	61753	11.74	41.78		102.76	*
00-00-60	'MP	61754			60.11	100.18	
12-40-00	'MES	61755	11.80	41.49		102.35	*
18-46-00	'DAP	61756	17.60	45.77		98.97	
00-00-60	'MP	61908			59.81	99.68	
18-46-00	'DAP	61909	18.26	46.42		101.08	

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	61910	18.26	47.48		102.67	
46-00-00	'Urea	61911	46.01			100.02	
00-00-21	'KMag	61912			23.2	110.48	*
21-00-00	'AS	61913	21.38			101.81	*
00-00-50	'SP	61914			49.72	99.44	
18-46-00	'DAP	61989	17.32	45.81		98.55	
00-00-60	'MP	61990			59.72	99.53	
21-00-00	'AS	61991	21.09			100.43	*
18-46-00	'DAP	62160	17.66	45.31		98.38	
18-46-00	'DAP	62161	17.68	46.43		100.1	
20-00-00	'AS	62162	19.86			99.3	*
12-40-00	'MES10	62163	12.06	41.05		102.08	*
00-00-60	'MOP	62165			60.56	100.93	
00-00-50	'SOP	62166			49.83	99.66	
00-00-50	'SOP	62233			51.59	103.18	
00-00-60	'MOP	62234			59.49	99.15	
46-00-00	'Urea	62235	46.11			100.24	
44-00-00	'ESN	62236	45.19			102.7	
20-00-00	'AS	62237	20.33			99.17	*
18-46-00	'DAP	62238	17.64	46.29		99.82	
12-40-00	'MES 10	62357	11.94	41.63		102.91	*
46-00-00	'Urea	62358	46.12			100.26	
44-00-00	'ESN	62359	45.46			103.32	
00-00-60	'MOP	62360			59.93	99.88	
00-00-60	'MOP	62587			60.44	100.73	
18-46-00	'DAP	62588	17.44	44.78		97.21	
46-00-00	'Urea	62589	46.09			100.2	
44-00-00	'ESN	62590	45.22			102.77	
18-46-00	'DAP	62693	17.69	46.77		100.63	
18-46-00	'DAP	62694	<b>16.55</b>	44.83		<b>95.76</b>	
20-00-00	'AS	62695	20.54			102.7	*
00-00-60	'MOP	62696			59.42	99.03	
44-00-00	'ESN	62697	45.46			103.32	
12-40-00	'MES 10	62699	12.01	40.23		100.45	*
21-00-00	'AS	62827	20.52			97.71	*
44-00-00	'ESN	62828	45.42			103.23	
00-00-60	'MOP	62829			<b>58.42</b>	97.37	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	62830	46.18			100.39	
12-40-00	'MES 10	62831	11.95	39.95		99.8	*
00-00-50	'SOP	62871			48.98	97.96	
18-46-00	'DAP	62872	17.54	46.14		99.42	
12-40-00	'MES 10	62880	11.98	39.54		99.1	*
00-00-60	'MOP	62881			59.42	99.03	
00-00-60	'MOP	62882			59.1	98.5	
46-00-00	'Urea	62883	46.00			100	
44-00-00	'ESN	62884	45.49			103.39	
00-00-60	'MOP	62895			60.59	100.98	
12-40-00	'MES 10	62896	12.16	40.39		101.07	*
00-00-60	'MOP	62897			60.51	100.85	
18-46-00	'DAP	62898	17.90	45.79		99.51	
46-00-00	'Urea	62899	46.09			100.2	
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Nutrien Ag Solutions - Hardin Hardin ,KY							
06-20-30		60790	5.54	18.71	32.52	101.08	*
06-20-30		60791	5.66	18.89	33.64	103.56	*
06-20-30		61853	6.13	20.79	30.7	102.97	*
06-20-30		61854	6.18	21.07	30.95	104.04	*
31-00-20		61855	30.02		21.08	100.1	
06-20-30		61856	6.40	21.21	30.47	104.12	*
10-26-26		61857	10.28	27.12	27.02	103.13	
10-26-26		61858	10.00	27.33	26.87	102.74	
06-20-30		61859	6.19	20.82	31.05	103.7	*
06-20-30		61860	5.96	20.32	31.98	103.53	*
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Nutrien Ag Solutions - Henderson Henderson ,KY							
09-23-30		62628	8.95	23.48	29.75	100.47	
09-23-30		62629	8.53	21.82	31.83	99.34	
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Nutrien Ag Solutions - Kevil Kevil ,KY							
08-20-34		61915	8.27	20.16	35.22	102.88	
08-20-34		61976	8.24	21.35	34.62	104.22	
05-13-26		61977	5.06	13.16	27.14	102.78	*
06-00-43		62149	6.23		43.61	101.89	*
12-18-23		62150	11.60	18.05	23.48	100.39	*
12-18-23		62151	11.50	18.05	23.67	100.44	*
13-12-25		62158	13.70	12.94	25.49	102.98	*
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Nutrien Ag Solutions - Lebanon Lebanon ,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
28-12-15		62232	27.17	11.23	14.81	98.54	
20-15-15		62577	20.13	14.99	16.13	101.43	*
20-15-15		62578	20.33	16.12	14.74	102.17	*
20-15-15		62579	20.49	15.53	16.03	103.26	*
27-09-15		62580	26.38	8.99	16.36	101.82	*
20-15-15		62581	20.14	15.55	14.55	100.26	*
09-23-30		62582	9.15	23.57	<b>28.50</b>	99.36	
09-23-30		62583	9.46	24.6	28.85	102.33	
26-08-15		62584	25.57	8.59	15.86	102.32	*
26-08-15		62585	25.58	7.89	17.11	102.78	*
26-08-15		62586	25.40	8.24	17.12	103.1	*
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Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY							
28-00-00	'UAN 28-0-0	62651	27.42			97.93	
28-00-00	'UAN 28-0-0	62652	27.29			97.46	
12-00-00	'ATS	62653	11.86			98.83	*
32-00-00	'UAN 32-0-0	62925	31.14			97.31	
32-00-00	'UAN 32-0-0	62926	31.05			97.03	
31-00-00		62927	29.93			97.18	*
31-00-00	'NexBlu 31-0-0	62928	30.25			97.58	
28-00-00		62929	26.56			<b>94.92</b>	*
30-00-00		62930	29.43			99.66	*
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Nutrien Ag Solutions - Morganfield Morganfield ,KY							
06-19-33		60721	6.28	19.57	33.02	100.59	*
06-19-33		60722	6.14	19.13	33.83	100.89	*
06-19-33		60723	6.41	20.08	31.97	100	*
06-19-33		60724	6.25	19.48	33.11	100.52	*
06-19-33		60725	6.47	19.79	32.64	100.69	*
06-19-33		60726	6.49	19.72	33	101.19	*
06-19-33		60727	6.40	19.6	32.82	100.52	*
06-19-33		60728	6.37	19.61	32.97	100.73	*
06-19-33		60729	6.29	19.12	34.08	101.55	*
06-19-33		60730	6.12	19.01	33.95	100.83	*
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Nutrien Ag Solutions - Pembroke Pembroke ,KY							
04-13-19		60713	4.97	13.83	19.49	104.32	*
04-13-19		60714	4.75	13.14	19.83	102.64	*
04-13-19		60715	4.88	13.5	<b>17.10</b>	<b>96.87</b>	*
04-13-19		60716	4.80	13.98	<b>14.59</b>	<b>91.44</b>	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-43-00		60717	14.61	42.04		97.67	*
15-43-00		60718	14.46	41.84		97.07	*
06-15-19		60719	6.03	14	18.17	<b>95.87</b>	
06-15-19		60720	6.04	14.38	19.52	100.14	
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Nutrien Ag Solutions - Riverport Owensboro ,KY							
15-19-19		62300	15.00	20.05	19.71	102.84	*
06-20-30		62301	6.16	20.8	32.21	105.29	*
09-23-30		62302	9.12	24.45	30.45	103.51	
09-23-30		62303	9.33	23.65	31.17	103.41	
19-19-19		62304	18.65	19.68	19.86	99.94	
19-19-20		62305	18.74	19.28	21.55	101.67	
41-00-00		62406	40.37			98.08	*
41-00-00		62407	40.51			98.44	*
28-10-14		62408	27.59	11.34	15.22	102.82	
28-10-14		62409	28.09	11.11	15.06	103.23	
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Nutrien Ag Solutions - Sacramento Sacramento ,KY							
05-14-36		62647	7.73	20.73	<b>34.44</b>	117.23	*
09-23-30		62648	9.77	24.64	<b>28.29</b>	102.3	
09-23-30		62838	8.93	23.16	30.85	101.27	
09-23-30		62839	8.99	23.78	30.8	102.45	
06-15-40		62840	6.01	15.45	40.25	100.59	
09-23-30		62841	9.02	23.09	30.2	100.47	
09-23-30		62842	8.75	22.63	29.47	98.11	
09-23-30		62843	8.49	22.23	31.06	98.95	
07-18-36		62844	6.90	18.11	36.23	99.39	
09-23-30		62845	8.86	22.83	30.87	100.55	
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Nutrien Ag Solutions - Sedalia Sedalia ,KY							
00-00-52		60792			52.6	100.38	*
00-00-52		60793			51.76	98.78	*
00-00-52		60794			51.45	98.19	*
00-00-49		61793			51.8	106.58	*
21-15-20		61794	21.76	<b>13.46</b>	21.51	99.49	
08-00-37		62205	7.80		37.11	99.44	*
09-23-30		62206	8.85	23.05	28.66	98.01	
09-23-30		62207	8.66	23.78	29.19	99.64	
04-12-36		62208	3.79	12.72	35.02	100.08	*
04-12-36		62209	3.97	13.14	<b>33.81</b>	99.48	*

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
Nutrien Ag Solutions - Shelbyville Shelbyville ,KY							
28-08-13		62167	27.82	8.83	14.8	102.73	*
09-12-14		62168	9.20	12.83	14.03	106.1	*
12-06-10		62169	12.49	6.07	10.28	105.19	*
17-04-15		62536	16.30	4.74	15.16	100.47	*
17-04-15		62537	16.91	4.7	14.52	101.02	*
17-04-15		62538	16.57	4.72	14.23	99.33	*
05-17-34		62539	5.07	16.11	35.07	98.87	*
19-19-19		62540	18.51	18.87	19.19	98.97	
18-07-16		62689	19.17	<b>5.583</b>	15.6	100.56	*
21-04-13		62690	21.25	4.33	12.54	100.77	*
21-04-13		62691	20.94	4.21	13	100.4	*
21-04-13		62692	21.03	4.19	12.97	100.57	*
23-03-23		62700	23.78	4.69	<b>20.57</b>	<b>96.44</b>	*
Nutrien Ag Solutions - Upton Upton ,KY							
20-12-24		61797	19.92	13.51	23.86	101.83	
26-00-26		61798	26.01		26.42	100.51	
19-19-19		61799	19.26	20.04	19.37	101.02	
19-19-19		61800	19.27	20.31	19.99	102.34	
21-15-20		61801	21.23	15.44	20.02	100.03	
27-14-14		61841	26.64	14.07	14.89	101.22	
18-09-27		61842	17.65	9.52	28.04	102.58	*
09-17-35		62274	8.95	18.28	36.32	104.23	
11-23-27		62275	11.30	23.7	28.95	104.07	
15-20-17		62276	14.75	21.22	19.42	103.77	*
Nutrien Ag Solutions - Waverly Waverly ,KY							
06-19-31		60757	5.52	18.86	31.91	101.02	*
06-19-31		60758	5.46	18.92	31.3	99.97	*
06-19-31		60759	5.58	19.3	31.49	101.23	*
06-19-31		60760	5.52	19.18	31.91	101.62	*
06-19-31		60761	5.43	18.49	32.47	101.13	*
05-16-35		60762	4.65	15.94	35.06	101.2	*
05-16-35		60763	4.58	15.8	35.4	101.4	*
05-16-35		60764	4.62	15.63	35.78	101.23	*
05-16-35		60765	4.69	15.83	35.64	101.5	*
05-16-35		60766	4.55	15.38	36.15	101.27	*
Nutrien Ag Solutions Inc Henderson ,KY							
32-00-00	'UAN 32-0-0	62649	31.36			98	

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
32-00-00	'UAN 32-0-0	62650	31.30			97.81	
31-00-00		62921	30.40			99.28	*
32-00-00	'UAN 32-0-0	62940	31.60			98.75	
32-00-00	'UAN 32-0-0	62941	31.16			97.38	
Oakley Fertilizer North Little Rock ,AR							
46-00-00	'Urea	62717	46.08			100.17	
00-00-60	'MP	62785			59.12	98.53	
Otis Bryant & Son, Inc. Caneyville ,KY							
17-17-17		61883	17.20	19	<b>14.40</b>	100.12	*
38-00-00		61884	37.52			99.6	*
38-00-00		61885	37.59			99.79	*
17-17-17		62142	16.50	19.23	18.59	105.19	*
15-15-22		62143	15.45	14.96	23.48	102.61	*
16-16-21		62144	15.62	16.44	23.38	102.71	*
19-11-24		62145	18.99	11.65	24.68	102.12	*
25-15-15		62146	26.70	14.52	14.36	100.94	
19-17-13		62147	18.80	16.71	13.65	99.57	*
17-17-18		62148	16.84	18.05	19.34	105.03	*
Parker Farm Supply Port Royal ,KY							
46-00-00	'Urea	60731	46.06			100.13	
00-00-60	'MOP	60732			62.1	103.5	
00-00-60	'MOP	60868			60.95	101.58	
26-12-16		61371	27.42	11.88	15.32	100.81	
26-12-16		61372	26.73	12.62	15.8	101.37	
26-12-16		61373	26.58	12.36	15.55	100.23	
06-16-36		61374	6.71	17.3	35.19	101.63	*
06-16-36		61375	6.53	17.18	35.4	101.28	*
27-14-14		61376	27.86	13.18	13.25	99.96	
18-46-00	'DAP	61377	17.83	45.92		99.59	
46-00-00	'Urea	61378	46.16			100.35	
00-00-50	'SOP	62541			49.62	99.24	
11-52-00	'MAP	62542	10.79	50.65		97.54	
46-00-00	'Urea	62543	46.15			100.33	
00-00-60	'MOP	62544			60.1	100.17	
05-24-31		62545	5.01	23.77	32.22	101.65	*
05-24-31		62546	5.08	24.02	31.16	100.8	*
05-24-31		62547	5.13	23.91	31.21	100.76	*

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
05-24-31		62548	5.08	23.38	32.68	101.7	*
05-24-31		62549	4.88	22.89	32.01	99.38	*
26-00-27		62550	25.77		27.43	101.63	
00-00-50 'SOP		62811			51.37	102.74	
18-46-00 'DAP		62812	17.68	46.35		99.98	
46-00-00 'Urea		62813	46.20			100.43	
00-00-60 'MOP		62814			59.95	99.92	
Parrish Shop & Sales, LLC Henderson ,KY							
07-24-06 '7-24-6 Plus 4% Sulfur Parrish Ortho Max		61532	7.26	24	6.34	101.5	*
Patriot Ag LLC - Clinton Clinton ,KY							
06-15-19		60667	6.45	14.12	19.04	100.69	
09-23-30		60668	8.87	22.52	29.81	98.68	
09-23-30		60669	8.63	22.34	30.11	98.45	
12-17-22		61993	11.84	17.94	23.39	102.44	*
12-17-22		61994	11.85	17.28	22.15	99.16	*
12-17-22		61995	11.73	17.39	22.61	99.82	*
12-17-22		61996	11.88	17.71	23.28	101.89	*
12-17-22		61997	11.64	17.54	23.73	101.64	*
Patriot Ag LLC - Mayfield Mayfield ,KY							
00-00-60 'MP		60662			59.08	98.47	
18-46-00 'DAP		60663	17.76	45.64		99.06	
21-00-00 'AS		60664	20.62			98.19	*
00-00-50 'SOP		60665			49.79	99.58	
00-46-00 'TSP		60666		46.11		100.24	
18-46-00 'DAP		60966	16.66	<b>44.02</b>		<b>94.73</b>	
00-00-60 'MP		60967			58.86	98.1	
09-24-29		62197	8.81	23.18	31.12	100.88	
09-24-29		62198	8.84	24.34	30.37	102.05	
00-00-60 'MOP		62199			61.47	102.45	
18-46-00 'DAP		62200	17.54	46.65		100.19	
09-23-30		62201	8.83	22.51	29.05	97.5	
09-23-30		62202	8.80	23.4	30.52	101	
08-21-32		62203	7.95	20.48	32.18	97.5	
08-21-32		62204	8.00	20.34	32.09	97.23	
07-19-36		62287	7.22	19.8	36.4	102.92	
11-28-23		62288	10.65	29.2	24.8	102.77	
Perfect Blend LLC Bellevue ,WA							

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
04-04-02	'Perfect Blend Organics 4-4-2	61200	4.06	5.52	3.07	123.65	*
Plantation Products, Inc. Norton ,MA							
04-04-04	'Superthrive All Purpose Fertilizer	61016	4.65	4.93	4.26	116.21	*
Pleasant View Agri-Service Auburn ,KY							
18-18-18		62152	17.46	18.26	18.67	101.66	
18-18-18		62156	18.04	18.12	17.79	101.39	
18-18-18		62157	17.69	19.49	17.24	102.48	
Prewitt Farm Supply, Inc. Williamsburg ,KY							
10-10-10	'10-10-10	60418	<b>8.32</b>	9.87	11.44	98.36	
20-10-20	'20-10-20	60419	21.05	10.03	<b>17.23</b>	<b>96.95</b>	*
Pro Ag Sales & Service - Danville Danville ,KY							
19-19-19	'19-19-19	60411	20.55	19.58	<b>17.8</b>	101.84	
46-00-00	'Urea	61598	46.20			100.43	
12-00-30		61599	11.18		31.94	103	
23-00-30		61600	22.79		31.72	101.97	
23-00-30		61601	22.20		30.92	99.5	
22-11-18		61602	21.87	9.99	21.04	101.07	*
19-19-19	'Pro Ag	61708	18.69	<b>17.45</b>	21.11	99.33	
10-10-10	'Pro Ag	61709	9.71	<b>8.86</b>	11.03	97.49	
19-19-19	'Pro Ag	61820	18.57	20	19.72	101.9	
35-00-07		61959	35.02		8.49	102.45	*
35-00-07		61960	35.40		8.29	103.09	*
35-00-07		61961	33.95		9.65	101.62	*
14-06-18		61962	14.48	6.13	18.36	104.82	*
10-10-10	'Pro Ag	62442	9.95	9.55	10.2	98.74	
19-19-19	'Pro Ag	62443	18.57	18.13	19.79	98.56	
10-10-10	'ProAg	62664	<b>9.04</b>	<b>8.84</b>	9.565	<b>91.02</b>	
19-19-19	'ProAg	62665	18.90	<b>17.24</b>	19.88	97.74	
Pro Solutions - Crofton Crofton ,KY							
07-24-24		60651	7.20	23.34	25.48	100.14	*
07-24-24		60652	7.75	25.26	<b>22.11</b>	98.95	*
07-24-24		60653	7.28	24.79	24.37	101.07	*
07-24-25		60654	7.29	23.14	24.44	98.15	*
07-24-24		60655	7.38	24.93	24.76	101.92	*
07-24-24		60656	7.24	23.36	24.74	98.84	*
08-25-25		61562	8.09	24.81	25.54	101.35	*
08-25-25		61563	8.01	24.46	24.82	99.44	*

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
Pro Solutions - Hiseville Hiseville ,KY							
24-07-18		61301	24.12	9.18	19.99	107.8	*
24-07-18		61302	22.80	9.51	21.22	107.22	*
06-06-06		61303	7.79	8.03	5.91	115.97	
24-07-18		61304	24.78	8.81	19.44	107.76	*
04-11-14		61305	3.89	10.28	14.85	101.18	
18-18-18		61306	17.75	17.58	20.22	101.81	
25-13-13		61307	24.83	13.92	13.43	102.41	
25-15-15		61308	25.27	16.1	14.25	100.78	
21-14-21		61309	<b>19.40</b>	13.92	24.58	100.5	
20-11-24		61310	19.66	11.65	23.71	99.37	*
Pro Solutions - Springfield Springfield ,TN							
18-46-00	'DAP	60413	17.18	44.74		<b>96.75</b>	
18-46-00	'DAP	60414	17.38	45.51		98.27	
12-40-00	'MES 10	60415	11.10	<b>37.12</b>		<b>92.73</b>	*
00-00-60	'MOP	60416			59.36	98.93	
00-00-60	'MOP	60417			59.27	98.78	
18-46-00	'DAP	60657	17.33	45.66		98.42	
18-46-00	'DAP	60658	17.43	44.93		97.44	
12-40-00	'MES 10	60659	11.31	40.89		100.38	*
00-00-60	'MP	60660			59.22	98.7	
00-00-60	'MP	60661			60.49	100.82	
18-46-00	'DAP	60836	17.50	45.74		98.64	
18-46-00	'DAP	60837	17.68	46.99		100.75	
12-40-00	'MESZ	60838	11.55	39.34		97.82	*
46-00-00	'Urea	60839	46.00			100	
00-00-60	'MP	60840			60.36	100.6	
00-00-60	'MP	60841			59.93	99.88	
00-00-60	'MOP	60960			60.34	100.57	
18-46-00	'DAP	60961	17.82	46.27		100.1	
00-00-60	'MOP	60962			61.09	101.82	
46-00-00	'Urea	60963	46.10			100.22	
00-00-60	'MOP	60964			59.71	99.52	
46-00-00	'Urea	60965	46.10			100.22	
Reliance Ag - Russellville Russellville ,KY							
09-22-26		60784	8.21	22.29	26.02	101.25	*
09-22-26		60785	8.43	22.56	25.29	100.9	*
09-22-26		60786	8.20	21.59	25.86	99.65	*

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
09-22-26		60787	8.33	21.84	25.32	99.43	*
28-12-15		61456	27.13	11.63	15.95	100.75	
08-20-29		62102	7.78	19.26	30.61	101.93	*
08-20-29		62103	7.27	18.72	30.43	99.4	*
09-23-24		62104	8.71	22.78	25.56	100.44	*
09-23-25		62105	8.74	22.87	25.71	100.91	*
09-23-25		62106	8.67	22.5	26	100.45	*
Rhodes Farm Supply Scottsville ,KY							
19-19-19	'Rhodes 19-19-19	62890	20.77	19.09	19.05	103.93	
10-10-10	'Rhodes 10-10-10	62891	12.48	26.31	23.08	199.97	
15-15-15	'Rhodes 15-15-15	62892	15.39	15.51	17.14	105.85	
08-14-14	'Rhodes 8-14-14	62893	8.64	15.15	14.56	106.86	
Rip's Farm Center - Tollesboro Tollesboro ,KY							
06-24-24	'6-24-24	61652	9.73	25.41	24.79	112.9	
12-12-12	'12-12-12	61653	13.09	11.75	12.59	104.13	
10-10-10	'Rip s Farm Center	62345	12.21	12.63	11.94	122.88	
19-19-19	'Rip s Farm Center	62346	18.30	21.02	20.06	103.66	
10-10-10	'10-10-10	62350	10.04	9.94	10.18	100.41	
10-10-10	'10-10-10	62351	9.64	10.29	10.91	101.9	
10-10-10	'10-10-10	62352	9.59	10.23	9.98	99.12	
10-10-10	'10-10-10	62353	10.07	11.44	9.76	104.69	
10-10-10	'10-10-10	62354	9.65	10.29	9.48	98.3	
10-10-10	'10-10-10	62355	9.44	9.4	9.30	<b>93.9</b>	
10-10-10	'10-10-10	62356	9.77	10.28	9.8	99.55	
28-13-13		62494	<b>25.50</b>	13.96	14.62	98.36	
00-00-50	'SP	62495			50.59	101.18	
46-00-00	'Urea	62496	45.98			99.96	
00-00-60	'MP	62497			60.15	100.25	
18-46-00	'DAP	62498	17.61	46.1		99.48	
06-24-24	'Rip s Farm Center	62499	9.63	24.59	27.66	115.3	
10-10-10	'Rip s Farm Center	62500	10.21	10.98	10.24	104.86	
19-19-19	'Rip s Farm Center	62501	18.07	19.05	20.03	99.53	
19-19-19	'Rip s Farm Center	62502	18.72	19.79	19.92	102.1	
19-19-19	'Rip s Farm Center	62503	19.03	<b>17.54</b>	20.54	99.44	
19-19-19	'Rip s Farm Center	62504	17.70	19.1	21.46	100.76	
46-00-00	'Urea	62511	46.17			100.37	
00-00-60	'MP	62512			60.09	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	62513	17.66	45.47		98.62	
30-12-12		62514	29.36	12.21	12.18	100.5	
30-12-12		62515	28.90	11.76	13.08	99.92	
40-09-00		62516	39.41	9.88		99.33	
40-09-00		62517	39.68	8.67		97.69	
30-12-12		62518	29.54	11.42	12.48	99.83	
30-12-12		62519	29.70	12.07	12.57	101.48	
30-12-12		62520	28.77	11.83	13.22	99.96	
30-12-12		62521	29.24	11.81	12.54	100	
28-13-13		62522	27.29	13.28	14.45	100.62	
19-19-19		62523	18.59	18.76	21.53	100.15	
10-10-10	'Rip s Farm Center	62675	9.55	10.99	11.11	104.49	
12-12-12	'Rip s 12-12-12	62681	12.79	12.24	12.34	104.03	
10-10-10	'Rip s Farm Center	62761	10.10	10.68	10.92	105.11	
19-19-19	'Rip s Farm Center	62762	18.72	19.09	19.89	100.77	
04-12-15		62763	4.33	<b>10.06</b>	17.09	99.6	
04-12-15		62764	4.40	10.97	14.72	<b>96.88</b>	
04-12-15		62765	4.52	11.4	15.78	101.78	
10-10-10	'Rip s Farm Center	62773	12.22	13.06	19.34	143.23	
19-19-19	'Rip s Farm Center	62774	19.33	20.19	18.26	101.88	
15-00-34		62850	15.68		34.89	101.5	
15-00-34		62851	16.96		34.53	102.55	
15-00-34		62852	17.34		33.16	100.01	
15-00-34		62853	18.45		<b>32.15</b>	99.34	
Rogers Fertilizer & Services LLC Lebanon ,KY							
46-00-00	'Urea	61473	46.15			100.33	
18-46-00	'DAP	61474	18.30	45.9		100.36	
00-00-60	'MOP	61475			61.12	101.87	
21-00-00	'AS	61476	20.91			99.57	*
28-09-16		62469	28.55	8.64	15.91	99.72	
09-17-27		62470	9.37	17.45	27.83	103.08	*
18-05-07		62471	18.46	5.62	6.75	102.4	*
41-00-00		62472	39.57			97.66	*
10-17-28		62473	10.54	16.05	28.22	99.65	*
27-08-10		62474	26.89	7.83	10.85	100.3	*
02-00-14		62475	1.87		13.05	99.64	*
02-00-14		62476	1.86		14.15	106.41	*

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
02-00-14		62477	1.85		14.28	107.12	*
18-46-00	'DAP	62478	18.00	46.46		100.69	
27-08-10		62480	26.80	8.03	10.74	100.34	*
<hr/>							
Rootblast International INC Canton ,OH							
02-01-02	'Root Blast 2-1-2	61074	2.52	1.98	2.73	144.43	*
<hr/>							
SBM Life Science Corporation Cary ,NC							
22-00-04	'Bio Advanced 5 in 1 Weed and Feed 22-0-4	62901	23.03		4.22	104.77	*
<hr/>							
Scotts Miracle-Gro Products Inc Marysville ,OH							
24-08-16	'Miracle-Gro	62032	26.63	7.19	<b>14.31</b>	102.03	*
<hr/>							
Seventy Feeds LLC Eubank ,KY							
46-00-00	'Urea	61724	45.99			99.98	
18-46-00	'DAP	61725	17.69	45.35		98.49	
00-00-60	'MOP	61726			60.47	100.78	
<hr/>							
Simplot AB Retail Sub Inc Boise ,ID							
00-00-60	'MOP	60430			59.78	99.63	
00-00-60	'MOP	60431			60.12	100.2	
00-00-60	'MOP	60432			59.19	98.65	
18-46-00	'DAP	60433	17.28	45.46		98.03	
18-46-00	'DAP	60434	17.99	45.64		99.42	
18-46-00	'DAP	60435	18.13	46.34		100.73	
18-46-00	'DAP	60436	18.05	46.53		100.91	
00-00-60	'MOP	60437			59.34	98.9	
00-00-60	'MOP	60438			59.36	98.93	
00-00-60	'MOP	60439			59.47	99.12	
18-46-00	'DAP	60477	18.43	45.63		100.09	
00-00-60	'MP	60478			62.34	103.9	
00-46-00	'TSP	60479		45.17		98.2	
21-00-00	'AS	60590	20.58			98	*
18-46-00	'DAP	60591	18.27	47.23		102.34	
00-00-60	'MP	60592			59.33	98.88	
00-00-60	'MP	60593			60.34	100.57	
46-00-00	'Urea	60594	46.01			100.02	
00-00-50	'SOP	60896			51.03	102.06	
21-00-00	'AS	60897	20.60			98.1	*
18-46-00	'DAP	60898	17.85	45.7		99.29	
18-46-00	'DAP	60899	17.73	46.37		100.09	
00-00-60	'MP	60900			59.19	98.65	

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	60901			60.23	100.38	
21-00-00	'AMS	61095	20.75			98.81	*
00-00-60	'MOP	61096			60.99	101.65	
00-00-60	'MOP	61097			60.53	100.88	
46-00-00	'Urea	61098	45.84			99.65	
18-46-00	'DAP	61099	17.66	45.93		99.31	
21-00-00	'AMS	61233	21.06			100.29	*
00-00-60	'MOP	61234			60.85	101.42	
00-00-60	'MOP	61235			60.15	100.25	
18-46-00	'DAP	61236	17.64	45.93		99.28	
18-46-00	'DAP	61237	17.84	45.43		98.87	
46-00-00	'Urea	61238	45.77			99.5	
46-00-00	'Urea	61239	46.15			100.33	
21-00-00	'AS	61417	21.09			100.43	*
46-00-00	'Urea	61418	46.06			100.13	
00-00-50	'SP	61419			50.9	101.8	
18-46-00	'DAP	61420	17.69	45.86		99.26	
00-00-60	'MP	61421			60.68	101.13	
00-00-60	'MP	61422			61.59	102.65	
00-00-60	'MOP	61892			60.43	100.72	
46-00-00	'Urea	61893	46.07			100.15	
18-46-00	'DAP	61894	17.48	46.57		99.97	
46-00-00	'Urea	61896	46.06			100.13	
00-00-60	'MOP	62865			60.2	100.33	
46-00-00	'Urea	62866	46.14			100.3	
46-00-00	'Urea	62867	46.11			100.24	
21-00-00	'AS	62868	21.28			101.33	*
18-46-00	'DAP	62869	18.68	46.32		101.65	
00-00-50	'SOP	62870			49.73	99.46	
Simplot Grower Solutions - Franklin Franklin ,KY							
09-23-30		60685	8.44	21.9	31.36	99.32	
09-23-30		60686	8.74	23.33	29.74	99.71	
09-23-30		60687	<b>7.94</b>	21.61	31.62	98.4	
09-23-30		60688	8.42	22.82	31.71	101.37	
07-17-15		60751	7.55	18.11	14.4	104.53	
07-17-15		60752	7.04	15.91	17.51	104.97	
05-14-16		60753	5.89	13.96	16.19	102.32	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
05-14-16		60754	5.92	13.62	17.78	105.73	*
07-17-15		60755	6.91	16.83	15.76	102.75	
07-17-15		60756	7.27	17.11	15.62	104.12	
<hr/>							
Simplot Grower Solutions - Fancy Farm Fancy Farm ,KY							
12-16-28		62181	11.00	17.35	29.95	103.74	*
12-16-28		62182	11.63	18.24	28.54	104.9	*
21-13-17		62183	<b>19.60</b>	14.23	19.23	101.38	*
21-13-17		62184	19.86	15.18	16.98	100.59	*
12-16-28		62185	11.50	17.57	28.07	102.58	*
12-16-28		62186	11.67	16.48	29.02	102.17	*
21-13-17		62187	20.61	15.15	17.25	102.64	*
21-13-17		62188	20.54	15.21	17.19	102.51	*
10-26-26		62210	10.75	28.23	<b>22.62</b>	100.37	
10-26-26		62211	10.34	27.93	<b>22.36</b>	98.69	
<hr/>							
Simplot Grower Solutions - Glasgow Glasgow ,KY							
21-15-20		61886	21.27	15.59	20.46	100.97	
21-15-20		61887	21.66	15.11	20.25	100.62	
24-16-16		61888	25.34	15.45	15.41	101.03	
22-00-32		61889	22.45		32.35	102.81	
39-00-00		61890	38.03			98.4	*
39-00-00		61891	38.94			100.75	*
22-00-32		61895	20.53		33.75	100.37	
22-15-19		61999	22.05	14.79	19.11	99.58	*
22-15-19		62000	22.40	15	19.44	101.16	*
22-15-19		62001	22.52	15.09	19.87	102.15	*
<hr/>							
Simplot Grower Solutions - Hartford Hartford ,KY							
12-31-17		62294	11.59	31.04	18.21	101.82	
12-31-17		62295	11.31	30.63	18.5	100.9	
19-19-20		62296	18.62	19.67	20.81	101.11	
26-13-16		62297	25.24	13	17.65	101.51	
23-09-23		62298	21.95	10.51	23.98	102.35	
23-09-23		62299	21.94	9.97	24.91	102.59	
35-00-00		62410	<b>33.84</b>			<b>96.03</b>	*
35-00-00		62411	<b>33.62</b>			<b>95.4</b>	*
34-00-00		62630	<b>32.12</b>			<b>95.88</b>	*
11-08-39		62631	10.37	8.72	40.79	101.98	
11-08-39		62632	10.60	8.67	40.86	102.51	

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
Simplot Grower Solutions - Russellville Russellville ,KY							
08-20-22		60744	7.82	19.96	21.97	99.92	*
09-24-21		60745	9.03	23.27	20.47	98.61	*
09-24-21		60746	8.90	22.85	20.83	98.19	*
09-24-21		60747	8.92	22.67	21.88	99.75	*
08-20-22		60748	7.65	19.69	22.61	100.23	*
08-20-22		60749	7.72	19.77	22.13	99.62	*
08-20-22		60750	7.55	19.01	23.14	99.63	*
08-20-33		60808	8.53	20.92	34.13	102.94	
08-20-33		60809	8.36	20.85	34.75	103.5	
08-20-33		60810	8.55	20.72	34.11	102.6	
South Central Farm Supply Gamaliel ,KY							
28-00-24		62005	26.68		26.37	101.39	
28-12-15		62006	27.19	11.93	16.13	101.68	
24-18-15		62007	23.79	19.65	14	101.88	
28-12-15		62008	27.10	12.36	15.81	101.85	
20-19-19		62011	19.49	19.83	19.72	101.38	
20-19-19		62014	19.58	21.93	18.25	103.41	
28-00-24		62138	27.05		26.02	101.73	
19-19-20		62139	19.49	19.32	20.5	101.82	
28-12-15		62140	27.47	12.47	15.8	102.83	
20-19-19		62141	18.75	19.57	20.51	100.64	
Southern FS Inc - Hickman Hickman ,KY							
18-46-00 'DAP		60805	18.06	46.08		100.22	
16-16-21		61983	15.74	16.42	21.93	103.38	*
16-16-21		61984	15.61	15.7	22.72	102.78	*
16-16-21		61985	15.93	15.87	21.78	102.47	*
16-16-21		61986	15.73	16.5	21.84	103.39	*
13-15-20		61987	13.08	15.36	21.03	101.95	*
13-15-20		61988	13.55	15.24	20.69	102.32	*
Southern FS, INC Marion ,IL							
12-40-00 'MES 10		60480	11.83	39.84		99.37	*
11-52-00 'MAP		60481	10.96	52.92		101.4	
11-52-00 'MAP		60482	11.23	51.15		99.02	
00-00-60 'MOP		60483			60.98	101.63	
00-00-60 'MOP		60484			60.52	100.87	
00-00-60 'MOP		60485			59.88	99.8	
00-00-60 'MOP		60486			60.59	100.98	

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	60487	46.06			100.13	
18-46-00	'DAP	60488	17.64	46.22		99.78	
00-00-60	'MP	60575			60.09	100.15	
46-00-00	'Urea	60874	46.20			100.43	
18-46-00	'DAP	60875	18.19	45.77		99.98	
18-46-00	'DAP	60876	17.86	45.9		99.61	
46-00-00	'Urea	60877	46.17			100.37	
46-00-00	'Urea	60878	46.20			100.43	
00-00-60	'MP	60879			60.23	100.38	
00-00-60	'MP	60880			60.5	100.83	
00-00-60	'MP	60881			59.72	99.53	
18-46-00	'DAP	60882	18.12	46.5		100.96	
21-00-00	'AS	60883	20.87			99.38	*
18-46-00	'DAP	60884	18.63	44.52		98.85	
21-00-00	'AS	60885	20.76			98.86	*
00-00-60	'MP	60923			60.01	100.02	
18-46-00	'DAP	60924	18.05	46.11		100.25	
00-00-60	'MP	60925			59.86	99.77	
18-46-00	'DAP	60926	18.02	45.53		99.33	
21-00-00	'AS	60927	20.56			97.9	*
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Southern States - Bowling Green Bowling Green ,KY							
09-22-29		60697	8.34	21.48	31.23	101.53	*
09-22-29		60698	8.75	23.45	29.28	102.53	*
09-22-29		60699	10.81	23.18	28.22	103.93	*
09-22-29		60700	9.30	24.16	<b>27.45</b>	101.78	*
09-23-30		60778	9.37	24.88	30.24	104.14	
09-22-29		60779	9.32	24.53	28.48	103.26	*
09-22-29		60780	8.24	23.72	29.6	101.79	*
09-22-29		60781	8.47	23.58	29.87	102.38	*
06-15-24		60782	6.11	14.86	24.8	103.72	*
06-15-24		60783	6.17	15.53	23.35	102.28	*
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Southern States - Cadiz Cadiz ,KY							
13-20-20		60647	12.51	21.13	19.05	99.56	*
13-20-20		60648	12.61	20.32	20.05	99.87	*
13-21-20		60649	12.67	19.52	20.11	98.7	*
13-21-20		60650	12.21	19.96	21.35	101	*
08-19-34		60806	7.50	19.73	34.61	101.76	*

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
08-19-34		60807	7.80	20.15	34.04	102	*
24-16-16		61552	25.08	16.8	15.8	103.38	
14-25-22		61553	13.38	25.38	22.49	100.34	
14-25-22		61554	13.32	25.27	23.5	101.26	
14-25-22		61555	13.23	26	22.66	101.28	
14-25-22		61556	13.82	25.47	22.69	101.59	
19-20-19		61557	19.36	19.55	19.83	100.78	
Southern States - Calhoun Calhoun ,KY							
09-23-30		62290	9.70	24.55	<b>28.08</b>	101.72	
09-23-30		62291	9.36	24.49	29.77	103.07	
06-15-40		62624	6.53	16.35	39.52	103.13	*
06-15-40		62625	6.15	15.46	40.47	101.9	*
06-15-40		62626	6.37	15.41	40.93	102.84	*
06-15-40		62627	5.96	15.09	40.69	101.18	*
Southern States - Campbellsville Campbellsville ,KY							
15-00-40		61712	14.76		42.43	102.41	
26-12-17		61713	25.22	11.44	17.25	98.69	
26-12-17		61714	25.74	11.35	17.39	99.82	
14-14-14		61715	14.24	14.52	13.84	101.84	
19-19-19		62262	19.17	21.25	18.85	104.28	
26-13-11		62425	24.93	13.60	12.36	101.91	*
25-11-14		62426	25.82	10.56	14.01	102.19	*
18-17-17		62434	19.48	16.41	<b>14.76</b>	99.85	*
24-11-14		62435	25.82	<b>9.585</b>	13.27	100.35	*
24-11-14		62436	23.52	10.95	15.52	101.3	*
26-00-26		62437	<b>7.97</b>		34.02	<b>69.72</b>	
26-06-18		62744	25.74	7.46	<b>14.48</b>	97.27	
Southern States - Cynthiana Cynthiana ,KY							
39-00-00		61682	38.92			100.15	*
19-05-19		61683	19.52	5.42	20	104.98	*
08-00-36		61684	8.81		35.58	100.88	*
38-00-00		61685	37.19			97.38	*
38-00-00		61686	37.62			100.13	*
38-00-00		61687	36.77			97.61	*
04-00-48		61688	4.47		48.33	101.46	*
04-00-48		61689	4.36		47.08	99.04	*
04-00-48		61690	4.10		47.45	98.95	*

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
04-00-48		61691	4.18		47.75	99.73	*
38-00-00		62089	36.40			<b>96.63</b>	*
05-13-44		62090	5.19	12.31	44.53	101.46	
11-13-27		62091	11.05	12.49	27.5	101.43	*
Southern States - Elizabethtown Elizabethtown ,KY							
15-15-25		61733	15.51	15.18	25.68	103.39	*
15-15-25		61734	15.33	15.48	24.78	102.26	*
19-19-19		61735	19.48	19.43	19.71	100.8	
19-19-19		61736	19.19	19.58	20.41	101.39	
19-19-19		61737	20.01	21.54	19	104.75	
19-19-19		61738	18.84	20.16	20.66	102.05	
19-19-19		61739	19.52	20.1	19.82	102.24	
10-10-10		61740	11.00	10.07	10.57	107.34	
25-15-15		61795	<b>22.60</b>	19.45	15.62	103.28	
16-22-22		61796	16.66	22.66	21.34	102.3	
Southern States - Elkton Elkton ,KY							
08-20-29		60681	8.06	20.82	28.59	101.3	*
08-20-29		60682	7.77	20.02	30.56	102.63	*
10-26-21		60683	10.16	27.21	<b>16.10</b>	<b>94.3</b>	*
10-26-15		60684	10.25	26.57	16.67	104.26	*
10-26-15		60691	9.64	25.75	17.51	102.07	*
10-26-15		60692	9.90	26.23	16.5	101.69	*
10-26-15		60693	9.84	26.35	16.48	101.77	*
08-20-29		60694	7.54	19.94	30.56	102.07	*
08-20-29		60695	7.25	19.18	30.26	99.64	*
08-20-29		60696	7.56	20.45	29.73	101.63	*
Southern States - Eminence Eminence ,KY							
27-14-14		61639	27.90	13.65	13.93	101.8	
28-00-24		61640	27.19		24.99	100.55	
19-19-19		61641	18.97	19.91	20.46	101.63	
22-00-24		61642	22.61		25	101.97	*
23-00-24		61643	21.71		25.28	99.81	*
28-00-24		61644	27.62		24.67	101.05	
19-19-19		61777	18.86	19.82	20.72	101.6	
32-04-15		61778	32.14	4.11	15.69	101.46	
31-00-20		61779	30.58		21.05	101.34	
07-18-37		61939	7.51	19.08	36.73	103.7	

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
26-00-26		61940	25.35		27.22	100.08	
19-12-26		61941	19.36	11.99	26.41	101.86	
19-12-26		61942	18.95	12.37	26.44	101.74	
05-13-43		61943	5.49	13.28	44.62	103.91	*
Southern States - Flemingsburg Flemingsburg ,KY							
14-00-00		62077	13.91			100.43	*
24-07-07		62078	24.69	6.8	7.9	104.22	*
24-07-07		62079	24.19	6.45	7.22	100.59	*
24-07-07		62080	23.45	8.09	7.01	102.17	*
24-07-07		62081	23.10	6.43	7.09	97.05	*
08-00-00		62082	7.85			102.35	
04-09-48		62083	3.70	8.34	49.05	100.04	
23-00-30		62084	22.08		31.8	100.55	
19-20-19		62085	19.84	19.31	20.19	101.77	
22-25-11		62086	22.67	25.39	11.42	101.99	
Southern States - Franklin Franklin ,KY							
10-25-24		60673	9.90	26.17	23.33	100.63	*
10-25-24		60674	10.46	27.15	<b>21.16</b>	99.82	*
10-25-24		60675	9.89	26.33	24.54	102.85	*
09-23-30		60676	8.96	22.41	31.2	100.8	
09-23-30		60677	8.66	22.85	30.95	100.65	
09-23-30		60678	9.06	22.97	31.39	102.2	
09-23-26		60679	9.23	25.22	25.32	102.26	*
09-23-26		60680	8.98	23.45	27.95	102.99	*
09-23-22		60689	9.52	24.84	21.63	104.11	*
09-23-22		60690	8.99	23.51	22.94	102.87	*
Southern States - Georgetown Georgetown ,KY							
03-00-00		61431	5.74	0.36		179.94	*
19-06-31		61432	19.07	5.32	30.82	99.63	
05-00-40		61433	5.75	0.41	39.4	100.73	*
34-00-00		61434	34.83	0.5		102.67	*
36-00-00		61589	36.48			101.33	*
15-00-32		61590	14.81		33.65	104.08	*
15-00-32		61591	14.81		32.78	102.48	*
23-00-15		61592	23.83		15.76	103.25	*
23-00-15		61593	23.68		14.53	100.39	*
22-00-24		61594	21.78		24.88	102.01	*

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
17-00-25		61595	17.15		26.87	103.29	*
<hr/>							
Southern States - Glasgow Glasgow ,KY							
27-14-14		61564	26.52	13.99	14.59	100.42	
19-19-19		61565	18.30	18.81	21.93	100.17	
19-19-19		61566	18.03	19.34	21.46	99.96	
27-14-14		61567	26.65	14.29	13.75	100.12	
19-19-19		61568	18.12	18.81	22.58	100.66	
19-19-19		61569	17.94	20.02	21.52	101.09	
15-23-23		61570	13.92	22.21	25.32	100.84	
27-14-14		61571	<b>25.50</b>	14.71	15.64	100.99	
27-14-14		61572	25.97	14.31	15.63	101.25	
19-19-19		61573	19.29	19.32	20.14	100.77	
<hr/>							
Southern States - Hardinsburg Hardinsburg ,KY							
18-18-18		62371	17.56	17.9	17.62	99.43	*
11-28-24		62372	10.34	26.95	24.01	97.83	
19-19-19		62373	19.43	19.52	19.33	100.26	
20-10-20		62374	19.66	10.25	19.74	100.2	*
20-10-20		62375	19.50	10.34	19.11	99.02	*
20-10-20		62376	19.71	9.92	19.84	99.72	*
20-10-20		62377	19.65	10.2	19.63	99.85	*
19-19-19		62378	19.46	18.38	20.22	99.52	
09-16-32		62379	9.11	16.39	31.91	100.86	*
09-16-32		62380	9.12	16.24	31.06	99.33	*
18-18-18		62381	17.52	17.46	18.24	99.34	*
<hr/>							
Southern States - Harrodsburg Harrodsburg ,KY							
23-00-30		62306	23.10		31.51	102.53	
<hr/>							
Southern States - Henderson Henderson ,KY							
09-23-30		62412	9.14	22.94	30.48	100.86	
09-23-30		62413	9.20	23.04	30.9	101.69	
09-23-25		62414	9.20	23.48	25.71	101.35	*
09-23-30		62415	9.01	23.83	30.48	102.16	
09-23-30		62416	9.08	23.2	30.62	101.35	
09-23-30		62417	8.87	23.54	30.58	101.47	
15-17-13		62418	15.22	17.21	13.9	102.66	*
15-17-13		62419	15.49	16.99	13.31	101.94	*
11-15-25		62618	11.04	14.81	25.53	99.86	*
11-15-25		62619	11.38	15.78	25.19	102.28	*

Values in bold are deficient.

\* Refer to Table 3

## TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Southern States - Hodgenville Hodgenville ,KY							
25-15-15		61351	24.38	15.82	15.67	100.38	
18-18-18		61352	18.74	16.97	17.96	100.17	
16-10-31		61354	15.40	10.31	31.78	100.03	
11-25-25		61356	11.92	25.26	24.78	100.69	
17-07-29		61360	16.93	7.88	28.94	102.58	*
19-14-24		61361	19.64	16.13	23.18	103.93	
22-14-14		61366	22.26	14.76	15.39	103.56	*
18-19-21		61368	18.80	20.92	20.91	104	
25-15-15		61369	24.94	16.11	16.11	102.67	
17-07-29		61370	16.40	7.31	30.13	101.93	*
Southern States - Hopkinsville Hopkinsville ,KY							
17-16-19		61558	16.83	16.93	19.88	101.64	*
17-16-19		61559	16.70	15.6	21.25	101.12	*
17-16-19		61560	16.80	16.97	19.7	101.76	*
19-19-20		61561	19.10	18.5	21.89	101.33	
39-00-00		62212	<b>37.62</b>			<b>95.9</b>	*
22-11-22		62213	22.64	11.07	21.11	99.4	
26-16-14		62214	25.30	16.43	13.62	100.03	
26-16-14		62215	25.41	15.41	15	100.17	
33-10-10		62216	31.79	9.91	9.98	98.9	
12-24-24		62217	12.09	23.41	24.79	98.29	*
Southern States - Horse Cave Horse Cave ,KY							
15-06-35		61311	14.43	5.64	37.26	100.18	
27-14-14		61312	28.21	13.71	13.52	101.99	
13-18-28		61313	13.35	18.51	29.01	102.09	
24-16-16		61582	23.30	16.76	17.08	101.38	
23-00-30		61583	23.05		31.45	102.32	
19-19-19		61584	19.03	20.12	20.01	101.51	
29-27-00		61585	28.92	27.99		100.36	
18-13-22		61586	19.22	13.74	21.85	103.22	*
19-19-19		61587	19.73	19.69	19.98	102.13	
26-13-13		61588	26.00	12.87	14.14	100.88	
Southern States - London London ,KY							
15-07-19		61697	15.54	8.69	19.87	105.58	*
19-19-20		61698	18.88	20.19	19.87	101.3	
10-05-10		61699	10.38	5.6	10.15	101.12	
09-13-30		61700	8.88	12.22	32.18	102.33	

Values in bold are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
21-11-21		61701	21.06	11.65	21.97	100.72	
22-12-22		61702	21.59	11.65	23.36	100.95	
22-12-22		61703	21.61	11.28	23.27	100.19	
21-15-20		61704	20.34	16.17	20.32	101.77	
24-11-21		61705	23.70	10.41	21.02	99.96	
22-18-18		61706	21.13	18.05	18.14	100.13	
05-20-20 '5-20-20		61707	12.74	<b>18.22</b>	<b>18.71</b>	115.13	
Southern States - Maysville Maysville ,KY							
18-08-10		62065	18.39	7.99	10.58	102.18	
18-08-10		62066	18.51	7.68	10.26	101.13	
07-09-19		62067	7.53	9.3	18.48	101.16	*
04-11-39		62068	4.48	11.11	39.92	101.23	*
04-11-39		62069	4.61	11.61	38.92	101.05	*
04-11-39		62070	4.49	11.63	38.74	100.5	*
04-11-39		62071	4.34	10.6	40.35	100.44	*
04-11-21		62072	4.80	11.77	20.93	102	
41-00-00		62073	41.07			100.29	*
13-00-38		62074	12.85		39.62	101.81	*
23-12-18		62075	24.23	11.42	19.15	101.43	
Southern States - Owensboro Owensboro ,KY							
12-17-22		61878	12.31	17.04	21.56	100.62	*
13-17-21		61879	12.64	16.79	21.06	101.39	*
12-12-22		61880	12.81	12.78	21.84	102.88	*
12-10-24		61881	12.52	10.84	23.77	103.3	*
09-23-30		62292	8.78	24.46	28.75	100.54	
09-23-30		62293	9.05	24.58	28.87	101.47	
09-23-30		62620	9.37	22.87	30	100.56	
09-23-30		62621	9.64	22.63	30.58	101.42	
09-23-30		62622	9.38	23.14	29.67	100.6	
09-23-30		62623	9.28	22.41	30.62	100.36	
Southern States - Owenton Owenton ,KY							
34-00-00		61769	34.28	0.68		101	*
00-00-03		61770			3.31	115.73	
00-00-03		61771			3.54	123.78	
00-00-03		61772			3.29	115.03	
00-00-03		61773			2.97	103.85	
27-12-15		62036	27.53	11.94	15.37	101.04	

Values in bold are deficient.

\* Refer to Table 3

## TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
27-12-15		62037	26.76	11.64	15.93	99.62	
17-12-28		62038	17.28	12.4	27.92	100.6	
19-19-19		62039	19.08	19.33	19.08	98.97	
06-15-40		62040	5.93	15.3	40.1	99.93	
04-09-48		62041	3.72	9.06	48.23	100.82	*
12-12-30		62042	12.67	12.57	30.29	103.31	*
19-19-19		62043	19.47	19.24	20.47	101.43	
Southern States - Owingsville Owingsville ,KY							
19-19-19		61671	19.49	20.62	20.55	104.12	
19-19-19		61672	19.18	20.37	21.29	103.96	
27-11-17		61673	26.62	11.63	18.21	103.42	
27-11-17		61674	26.70	11.04	17.93	102.11	
19-19-19		61675	19.49	20.56	20.35	103.69	
19-19-19		61676	19.67	22	19.66	105.75	
10-25-25		61677	11.08	25.05	26.04	104.42	
19-19-19		61678	19.44	20.56	20.06	103.22	
27-11-17		61680	26.73	11.98	17.45	103.27	
27-11-17		61681	26.64	11.47	17.49	102.18	
17-15-22		62888	17.48	15.84	22.32	103.09	
17-15-22		62889	17.30	15.46	22.2	102	
Southern States - Richmond Richmond ,KY							
30-00-19		62129	29.33		20.48	101.49	
18-00-36		62130	18.92		37.16	103.05	
12-30-21		62131	11.99	30.13	21.69	101.93	
28-12-15		62132	27.91	11.33	15.85	101.71	
19-19-19		62133	19.97	19.31	20.07	102.07	
19-19-19		62134	19.85	19.23	19.99	101.58	
10-10-10		62319	9.96	10.64	9.9	105.99	
10-10-10		62320	9.99	10.97	11.07	110.41	
28-12-15		62321	27.37	12.47	15.31	101.95	
Southern States - Richmond VA Richmond ,VA							
00-00-22	'SPM	60442			22.98	104.45	*
00-00-60	'MOP	60443			60.32	100.53	
18-46-00	'DAP	60444	17.60	47.29		101.39	
18-46-00	'DAP	60445	18.19	47.79		103.09	
00-00-60	'MOP	60446			60.98	101.63	
00-00-60	'MOP	60447			61.52	102.53	

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	60506			60.32	100.53	
00-00-60	'MOP	60507			60.14	100.23	
00-00-60	'MOP	60508			60.19	100.32	
00-00-60	'MOP	60509			60.48	100.8	
18-46-00	'DAP	60510	18.07	46.59		101.03	
18-46-00	'DAP	60511	17.90	46.4		100.47	
00-00-22	'SPM	60512			22.86	103.91	*
18-46-00	'DAP	60513	17.58	45.87		99.14	
18-46-00	'DAP	60514	18.40	46.43		101.3	
18-46-00	'DAP	60515	18.31	45.66		99.95	
18-46-00	'DAP	60516	18.40	45.98		100.59	
18-46-00	'DAP	60517	18.12	46.91		101.61	
00-00-60	'MOP	60518			60.31	100.52	
00-00-60	'MOP	60519			59.88	99.8	
00-00-60	'MOP	60520			60.98	101.63	
00-00-60	'MOP	60521			60.61	101.02	
00-00-60	'MOP	60522			61.38	102.3	
18-46-00	'DAP	60532	17.88	45.63		99.23	
00-00-60	'MP	60533			59.56	99.27	
00-00-60	'MP	60534			60.93	101.55	
00-00-60	'MP	60540			60.58	100.97	
00-00-60	'MP	60541			60.75	101.25	
18-46-00	'DAP	60542	17.19	46.47		99.47	
18-46-00	'DAP	60543	17.58	46.73		100.48	
16-01-00	'SymTRX	60544	17.31	1.17		108.71	*
16-01-00	'SymTRX	60545	17.03	1.12		106.76	*
18-46-00	'DAP	60546	17.76	47.69		102.27	
00-00-60	'MP	60547			60	100	
00-00-60	'MP	60548			63.6	106	
18-46-00	'DAP	60549	18.06	45.94		100	
18-46-00	'DAP	60550	18.49	47.5		103.11	
18-46-00	'DAP	60551	17.67	45.47		98.66	
16-01-00	'SymTRX	60552	17.09	1.24		107.82	*
00-00-60	'MP	60553			59.94	99.9	
00-00-60	'MP	60554			59.99	99.98	
00-00-60	'MP	60555			61.22	102.03	
00-00-60	'MP	60556			59.24	98.73	

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	60557	17.30	45.83		98.64	
00-00-60	'MOP	60567			59.04	98.4	
18-46-00	'DAP	60568	17.67	45.69		99	
00-00-60	'MP	60577			59.58	99.3	
00-00-22	'SPM	60578			23.96	108.91	*
21-00-00	'AS	60579	20.73			98.71	*
00-00-60	'MP	60580			60.13	100.22	
18-46-00	'DAP	60581	18.05	46.27		100.5	
00-00-60	'MP	60582			60.03	100.05	
18-46-00	'DAP	60583	18.16	47.71		102.92	
18-46-00	'DAP	60599	17.37	45.79		98.69	
00-00-60	'MOP	60600			60.67	101.12	
18-46-00	'DAP	60608	17.83	46.84		101.05	
00-46-00	'TSP	60609		46.57		101.24	
16-01-00	'SymTRX	60610	17.27	1.27		109.06	*
21-00-00	'AS	60611	20.05			<b>95.48</b>	*
00-00-60	'MP	60612			59.95	99.92	
00-00-60	'MP	60625			60.43	100.72	
00-00-60	'MP	60626			60.95	101.58	
18-46-00	'DAP	60627	17.89	47.29		101.84	
18-46-00	'DAP	60628	18.30	47.18		102.31	
00-00-60	'MOP	60733			59.56	99.27	
00-00-60	'MOP	60734			60.35	100.58	
18-46-00	'DAP	60735	17.55	45.95		99.22	
18-46-00	'DAP	60768	17.91	46.25		100.25	
00-00-60	'MOP	60770			59.31	98.85	
18-46-00	'DAP	60800	17.95	47.23		101.84	
00-00-60	'MP	60811			60.61	101.02	
00-00-60	'MOP	60844			60.93	101.55	
00-00-60	'MOP	60845			60.78	101.3	
18-46-00	'DAP	60846	17.91	46.14		100.06	
46-00-00	'Urea	60847	46.01			100.02	
46-00-00	'Urea	60848	46.02			100.04	
21-00-00	'AMS	60849	20.94			99.71	*
30-00-00	'UAN	60850	30.91			103.3	
46-00-00	'Urea	60889	46.13			100.28	
00-00-60	'MOP	60890			60.34	100.57	

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	60912	46.20			100.43	
16-01-00	'SymTRX	60913	17.55	1.26		110.54	*
18-46-00	'DAP	60914	18.15	46.28		100.68	
18-46-00	'DAP	60915	18.19	45.93		100.22	
00-00-60	'MOP	60916			59.42	99.03	
46-00-00	'Urea	60928	46.20			100.43	
46-00-00	'Urea	60929	45.83			99.63	
46-00-00	'Urea	60930	46.05			100.11	
18-46-00	'DAP	60931	18.00	45.23		98.84	
18-46-00	'DAP	60932	17.58	45.26		98.17	
00-00-60	'MOP	60933			61.28	102.13	
00-00-60	'MOP	60934			60.51	100.85	
46-00-00	'Urea	60970	45.93			99.85	
00-00-60	'MOP	60971			59.95	99.92	
18-46-00	'DAP	60972	17.63	44.94		97.77	
16-01-00	'SymTRX	60973	16.89	1.53		108.03	*
00-00-60	'MP	60974			60.01	100.02	
46-00-00	'Urea	60975	46.13			100.28	
00-00-50	'SP	60976			50.03	100.06	
46-00-00	'Urea	60977	46.06			100.13	
18-46-00	'DAP	60978	17.73	45.6		98.94	
16-01-00	'SymTRX	60979	17.16	1.31		108.49	*
00-00-60	'MP	60980			59.63	99.38	
16-01-00	'SymTRX	60981	16.85	1.26		106.39	*
00-00-50	'SP	60982			50.89	101.78	
46-00-00	'Urea	60983	46.17			100.37	
18-46-00	'DAP	60984	17.85	46.79		100.93	
00-00-60	'MP	60985			60.43	100.72	
21-00-00	'AS	60986	20.71			98.62	*
00-00-60	'MP	60987			59.76	99.6	
46-00-00	'Urea	60988	46.15			100.33	
00-46-00	'TSP	60989		47.56		103.39	
00-00-22	'K Mag	60990			22.86	103.91	*
46-00-00	'Urea	60991	45.93			99.85	
46-00-00	'Urea	60993	46.20			100.43	
20-00-00	'AS	60994	20.13			98.2	*
18-46-00	'DAP	60995	17.60	46.8		100.52	

Values in bold are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	60996	17.83	46.12		99.89	
46-00-00	'Urea	60997	46.20			100.43	
18-46-00	'DAP	60998	17.57	45.83		99.01	
18-46-00	'DAP	60999	17.73	46.33		100.03	
00-00-60	'MP	61000			61.29	102.15	
46-00-00	'Urea w/ Factor 0.2%	61001	46.08			100.17	
18-46-00	'DAP	61002	18.09	46.28		100.58	
00-00-50	'SP	61007			50.68	101.36	
18-46-00	'DAP	61008	17.92	46.9		101.22	
18-46-00	'DAP	61009	18.03	47.15		101.78	
00-00-60	'MP	61010			60.22	100.37	
00-00-60	'MP	61011			60.39	100.65	
46-00-00	'Urea	61012	46.13			100.28	
46-00-00	'Urea	61013	46.04			100.09	
46-00-00	'Urea	61014	46.15			100.33	
00-00-60	'MOP	61017			60.81	101.35	
00-00-60	'MOP	61018			61.39	102.32	
46-00-00	'Urea	61019	46.20			100.43	
18-46-00	'DAP	61020	18.04	46.23		100.41	
18-46-00	'DAP	61021	17.61	46.18		99.6	
18-46-00	'DAP	61022	17.43	47.6		101.43	
21-00-00	'AS	61029	20.62			98.19	*
00-00-60	'MOP	61030			61.61	102.68	
18-46-00	'DAP	61031	17.64	46.4		99.98	
18-46-00	'DAP	61032	17.39	45.52		98.23	
18-46-00	'DAP	61033	17.73	45.42		98.67	
46-00-00	'Urea	61034	46.04			100.09	
46-00-00	'Urea	61035	46.10			100.22	
00-00-60	'MOP	61036			60.55	100.92	
18-46-00	'DAP	61037	17.36	45.65		98.38	
46-00-00	'Urea	61038	46.07			100.15	
00-00-60	'MOP	61039			60.5	100.83	
46-00-00	'Urea	61040	45.84			99.65	
18-46-00	'DAP	61053	17.61	45.43		98.47	
21-00-00	'AS	61054	20.60			98.1	*
00-00-60	'MP	61055			59.48	99.13	
00-00-60	'MP	61056			59.98	99.97	

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
00-00-60	'MP	61057			60.18	100.3	
18-46-00	'DAP	61058	17.93	46.52		100.66	
18-46-00	'DAP	61059	18.23	46.69		101.43	
46-00-00	'Urea	61060	46.20			100.43	
46-00-00	'46-0-0	61061	46.12			100.26	
46-00-00	'46-0-0	61062	46.18			100.39	
18-46-00	'DAP	61063	17.72	45.92		99.4	
16-01-00	'SymTRX	61064	16.99	1.33		107.58	*
00-00-50	'SP	61065			50.61	101.22	
18-46-00	'DAP	61066	17.62	45.75		98.97	
00-00-60	'MP	61067			62.68	104.47	
18-24-06	'Greenlawn	61069	17.91	23.36	6.71	99.54	*
18-46-00	'DAP	61083	17.68	45.79		99.14	
18-46-00	'DAP	61084	17.69	45.26		98.36	
46-00-00	'Urea	61085	46.00			100	
46-00-00	'Urea	61086	45.88			99.74	
00-00-60	'MOP	61087			60.84	101.4	
00-00-22	'SPM	61088			22	100	*
21-00-00	'AS	61155	20.72			98.67	*
46-00-00	'Urea	61156	46.08			100.17	
46-00-00	'Urea	61157	45.97			99.93	
18-46-00	'DAP	61158	18.60	46.47		101.73	
18-46-00	'DAP	61159	18.47	46.58		101.68	
18-46-00	'DAP	61160	18.64	46.94		102.51	
46-00-00	'Urea	61161	46.00			100	
18-46-00	'DAP	61162	18.58	45.87		100.8	
46-00-00	'Urea	61163	46.09			100.2	
00-00-60	'MOP	61164			60.07	100.12	
00-00-60	'MOP	61165			62	103.33	
18-46-00	'DAP	61178	17.72	46		99.52	
00-00-60	'MOP	61179			62.41	104.02	
18-46-00	'DAP	61180	17.66	45.99		99.4	
18-46-00	'DAP	61181	17.82	45.85		99.47	
46-00-00	'Urea	61182	45.92			99.83	
46-00-00	'Urea	61183	45.96			99.91	
18-46-00	'DAP	61184	17.74	46.49		100.29	
46-00-00	'Urea	61185	45.57			99.07	

Values in bold are deficient.

\* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	61186	46.14			100.3	
00-00-60	'MOP	61187			61.83	103.05	
00-00-60	'MOP	61188			61.9	103.17	
15-15-15	'SS	61199	15.53	16.22	17.18	107.93	
00-00-60	'MOP	61216			59.49	99.15	
00-00-60	'MOP	61217			60.52	100.87	
00-00-60	'MOP	61218			62.79	104.65	
18-46-00	'DAP	61219	17.67	46.47		100.14	
16-01-00	'SymTRX	61220	17.16	1.29		108.38	*
18-46-00	'DAP	61221	17.55	45.98		99.2	
46-00-00	'Urea	61222	46.12			100.26	
00-00-60	'MOP	61240			61.39	102.32	
00-00-60	'MOP	61241			61.54	102.57	
00-00-60	'MOP	61242			60.86	101.43	
46-00-00	'Urea	61243	46.17			100.37	
20-00-00	'AMS	61244	20.25			98.78	*
18-46-00	'DAP	61245	17.85	45.73		99.34	
18-46-00	'DAP	61246	18.06	45.33		99.1	
18-46-00	'DAP	61247	18.21	47.53		102.66	
18-46-00	'DAP	61248	18.63	47.57		103.44	
21-00-00	'AMS	61249	21.23			101.1	*
46-00-00	'Urea	61250	46.19			100.41	
00-00-60	'MOP	61251			61.38	102.3	
18-46-00	'DAP	61252	17.48	45.61		98.52	
18-46-00	'DAP	61253	17.35	46.11		99.05	
00-00-50	'SP	61271			50.1	100.2	
00-00-22	'KMag	61272			22.66	103	*
18-46-00	'DAP	61273	17.76	46.66		100.58	
21-00-00	'AS	61274	21.15			100.71	*
00-00-60	'MP	61275			60.3	100.5	
46-00-00	'Urea	61276	45.92			99.83	
46-00-00	'Urea	61277	46.07			100.15	
00-00-60	'MP	61314			61.52	102.53	
00-00-60	'MP	61315			60.88	101.47	
00-00-60	'MP	61316			61.76	102.93	
18-46-00	'DAP	61317	18.44	46.77		101.91	
18-46-00	'DAP	61318	18.48	46.32		101.3	

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	61319	18.17	46.92		101.67	
46-00-00	'Urea	61320	46.16			100.35	
20-00-00	'AS	61321	20.52			100.1	*
18-46-00	'DAP	61322	17.72	46.01		99.54	
00-00-60	'MP	61323			60.94	101.57	
00-00-60	'MP	61324			61.25	102.08	
00-00-60	'MP	61325			61.24	102.07	
00-00-60	'MP	61326			61.06	101.77	
18-46-00	'DAP	61327	17.63	45.75		98.99	
20-00-00	'AS	61328	20.56			100.29	*
00-00-60	'MOP	61353			61.87	103.12	
00-00-60	'MOP	61355			59.74	99.57	
18-46-00	'DAP	61357	17.63	47.15		101.1	
46-00-00	'Urea	61358	46.08			100.17	
46-00-00	'Urea	61359	46.17			100.37	
18-46-00	'DAP	61362	18.35	46.84		101.86	
21-00-00	'AS	61363	21.33			101.57	*
18-46-00	'DAP	61364	17.70	45.75		99.11	
18-46-00	'DAP	61365	17.54	46.31		99.68	
46-00-00	'Urea	61367	46.20			100.43	
46-00-00	'Urea	61385	45.72			99.39	
16-01-00	'SymTRX	61386	17.13	1.32		108.36	*
18-46-00	'DAP	61387	17.68	46.38		100.02	
00-00-60	'MOP	61388			59.99	99.98	
18-46-00	'DAP	61389	17.57	46.86		100.56	
46-00-00	'Urea	61390	46.08			100.17	
00-00-50	'SOP	61391			49.3	98.6	
00-00-60	'MOP	61392			59.33	98.88	
21-00-00	'AS	61393	21.02			100.1	*
00-00-60	'MP	61486			61.61	102.68	
18-46-00	'DAP	61487	17.55	45.52		98.51	
18-46-00	'DAP	61488	18.88	46.81		102.73	
16-01-00	'SymTRX	61489	17.44	1.5		111.13	*
00-00-60	'MP	61490			61.53	102.55	
18-46-00	'DAP	61491	18.31	46.5		101.28	
46-00-00	'Urea	61492	46.14			100.3	
18-46-00	'DAP	61493	18.73	46.85		102.53	

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	61494			61.48	102.47	
20-00-00	'AS	61495	20.79			101.41	*
46-00-00	'Urea	61499	46.02			100.04	
18-46-00	'DAP	61500	17.67	46.59		100.32	
00-00-60	'MOP	61501			60.81	101.35	
18-46-00	'DAP	61502	18.01	45.6		99.42	
46-00-00	'Urea	61503	46.18			100.39	
18-46-00	'DAP	61504	17.97	45.78		99.62	
00-00-60	'MOP	61505			60.13	100.22	
00-00-60	'MP	61510			60.63	101.05	
00-00-60	'MP	61511			61.05	101.75	
46-00-00	'Urea	61512	45.91			99.8	
46-00-00	'Urea	61513	46.12			100.26	
18-46-00	'DAP	61514	17.65	46.09		99.54	
18-46-00	'DAP	61523	18.39	46.21		100.98	
18-46-00	'DAP	61524	18.16	47.07		101.88	
18-46-00	'DAP	61525	17.77	46.38		100.18	
18-46-00	'DAP	61526	18.01	45.45		99.19	
00-00-60	'MP	61527			61.16	101.93	
16-01-00	'SymTRX	61528	16.99	1.23		107.06	*
46-00-00	'Urea	61529	46.13			100.28	
00-00-60	'MP	61530			60.16	100.27	
00-00-60	'MP	61531			61.53	102.55	
00-00-60	'MOP	61645			60.41	100.68	
18-46-00	'DAP	61646	17.90	46.91		101.2	
18-46-00	'DAP	61647	17.78	46.83		100.87	
09-23-30	'SS	61814	8.96	23.83	30.82	102.51	
21-00-00	'AS	61922	20.50			97.62	*
18-46-00	'DAP	61923	18.64	46.21		101.41	
00-00-60	'MOP	61924			60.26	100.43	
00-00-60	'MOP	61930			60.7	101.17	
00-00-60	'MOP	61931			60.9	101.5	
18-46-00	'DAP	61932	18.03	46.01		100.07	
46-00-00	'Urea	61933	46.13			100.28	
20-00-00	'AS	61955	20.65			100.73	*
46-00-00	'Urea	61956	46.20			100.43	
18-46-00	'DAP	61957	18.37	46.69		101.67	

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	61958			60.84	101.4	
46-00-00	'Urea	62092	46.09			100.2	
18-46-00	'DAP	62093	17.94	45.73		99.49	
00-00-60	'MP	62094			61.67	102.78	
21-00-00	'AS	62095	21.20			100.95	*
00-00-60	'MOP	62128			61.69	102.82	
46-00-00	'Urea	62239	46.11			100.24	
18-46-00	'DAP	62240	17.89	45.32		98.79	
00-00-60	'MOP	62241			58.81	98.02	
46-00-00	'Urea	62322	46.17			100.37	
18-46-00	'DAP	62323	18.46	47.28		102.71	
00-00-60	'MOP	62324			60.11	100.18	
00-00-60	'MOP	62339			60.09	100.15	
18-46-00	'DAP	62340	17.63	45.92		99.25	
18-46-00	'DAP	62341	17.45	46.3		99.51	
18-24-06	'Greenlawn Lawn Starter	62347	20.04	29.44	<b>3.85</b>	112.68	*
18-46-00	'DAP	62452	17.77	46.97		101.06	
00-00-22	'KMag	62453			22.18	100.82	*
00-00-50	'SP	62454			50.01	100.02	
00-00-60	'MP	62455			61.5	102.5	
46-00-00	'Urea	62456	46.13			100.28	
00-00-60	'MP	62457			60.72	101.2	
21-00-00	'AS	62458	20.65			98.33	*
00-00-60	'MOP	62552			60.46	100.77	
18-46-00	'DAP	62553	18.27	45.49		99.7	
21-00-00	'AS	62682	21.08			100.38	*
18-46-00	'DAP	62683	18.67	47.21		102.97	
18-46-00	'DAP	62684	18.64	46.97		102.55	
00-00-60	'MOP	62685			59.85	99.75	
00-00-50	'SOP	62686			50.04	100.08	
00-00-50	'SOP	62729			51.62	103.24	
00-00-60	'MOP	62730			60.13	100.22	
00-00-60	'MOP	62731			59.04	98.4	
46-00-00	'Urea	62732	46.02			100.04	
46-00-00	'Urea	62752	45.97			99.93	
46-00-00	'Urea	62753	46.08			100.17	
00-00-60	'MOP	62754			59.61	99.35	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 2: DETAILED INSPECTION REPORTS**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	62755	46.10			100.22	
00-00-60	'MOP	62756			59.84	99.73	
46-00-00	'Urea	62757	46.06			100.13	
21-00-00	'AS	62758	20.57			97.95	*
18-46-00	'DAP	62759	17.66	45.57		98.77	
46-00-00	'Urea	62767	46.14			100.3	
00-00-60	'MP	62768			60.77	101.28	
21-00-00	'AS	62769	20.96			99.81	*
18-46-00	'DAP	62770	17.66	45.87		99.22	
00-00-50	'SP	62771			50.9	101.8	
00-00-60	'MP	62779			59.86	99.77	
18-46-00	'DAP	62781	17.63	46.5		100.12	
46-00-00	'Urea	62782	46.14			100.3	
00-00-50	'SP	62792			49.87	99.74	
00-00-60	'MP	62793			59.12	98.53	
46-00-00	'Urea	62797	46.16			100.35	
00-00-50	'SOP	62806			50.48	100.96	
00-00-60	'MOP	62807			61.62	102.7	
46-00-00	'Urea	62808	46.08			100.17	
18-46-00	'DAP	62809	17.76	46.55		100.42	
18-46-00	'DAP	62810	18.31	46.5		101.28	
18-46-00	'DAP	62825	17.99	46.33		100.48	
00-00-50	'SOP	62826			50.74	101.48	
00-46-00	'TSP	62854		46.07		100.15	
18-46-00	'DAP	62855	17.82	46.19		99.98	
46-00-00	'Urea	62856	46.20			100.43	
00-00-50	'SP	62885			50.59	101.18	
18-46-00	'DAP	62886	17.55	47.13		100.93	
46-00-00	'Urea	62887	46.12			100.26	

Southern States - Russellville Russellville ,KY

07-18-36		60736	7.80	20.1	<b>34.01</b>	100.78	
07-18-36		60737	6.74	18.22	36.77	100.12	
07-18-12		60738	6.82	16.69	12.2	98.23	*
07-18-12		60739	7.65	17.25	12.07	101.82	*
07-18-12		60740	7.64	17.82	11.23	101.2	*
09-23-25		60741	9.21	23.03	25.37	100.63	*
09-23-25		60742	9.42	23.16	24.82	100.33	*

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
11-12-32		60743	<b>8.66</b>	11.54	35.20	100.41	*
09-23-30		60767	8.98	23.04	30.64	101.02	
16-14-22		60824	15.88	14.84	23.17	102.8	*
Southern States - Shelbyville Shelbyville ,KY							
09-23-30		61379	9.05	24.93	29.73	103.25	
09-23-30		61380	8.64	24.38	28.93	100.34	
10-18-24		61381	10.16	19.22	24.47	102.25	*
09-23-30		61382	8.69	24.14	30.71	103.3	*
21-21-00		61383	21.15	22.2		102.78	*
21-21-00		61384	21.44	21.28		101.56	*
26-11-18		61916	25.81	11.31	18.52	101.96	
05-13-39		61917	5.34	13.35	38.49	101.36	*
25-05-14		61918	24.37	5.27	14.06	99.84	*
12-07-39		61919	11.97	6.95	41.21	103.47	
31-09-12		61920	31.44	9.45	12.03	101.02	
07-19-31		61921	7.38	18.25	32.96	101.42	*
17-08-24		62687	16.50	9.01	25.53	104.62	*
15-07-27		62688	14.63	8.88	28.59	106.17	*
Southern States - Somerset Somerset ,KY							
19-19-19		61692	19.25	21.31	18.48	102.09	
13-19-25		61693	13.22	19.54	25.23	101.33	*
37-12-00		61694	36.17	11.93		99.01	*
10-05-10		61695	9.92	5.27	11.24	101.82	
19-19-19		61696	18.81	20.19	20.28	101.54	
26-00-26		61821	25.43		28.48	102.23	
18-16-23		61822	17.73	16.72	24.63	101.54	
26-00-26		61823	25.26		28.65	102.1	
19-19-19		61824	19.01	18.66	21.44	100.72	
19-19-19		61825	19.17	19.52	20.52	101.39	
19-19-19		61826	19.09	19.16	20.08	100	
19-19-19		61827	18.46	19.63	21.18	100.99	
Southern States - Springfield Springfield ,KY							
26-07-10		61945	27.16	7.62	10.9	104.36	*
41-00-00		61946	41.72			101.96	*
41-00-00		61947	44.23			108.27	*
25-10-13		61948	24.84	9.81	14.26	102.44	*
30-10-13		61949	30.10	10.57	14.53	103.51	

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
42-00-00		61950	42.69			100.78	*
42-00-00		61951	42.48			100.28	*
42-00-00		61952	42.44			100.19	*
42-00-00		61953	42.55			100.45	*
34-00-15		61954	35.02		16.47	103.31	
Southern States - Stanford Stanford ,KY							
31-00-20		61780	30.58		20.91	101.13	
31-00-20		61781	30.55		20.73	100.8	
31-00-20		61782	30.81		20.39	100.9	
21-10-20		61783	20.81	9.56	20.88	100.25	*
21-10-20		61784	20.91	10.21	20.64	101.46	*
21-10-20		61785	21.04	10.32	20.76	102.2	*
21-10-20		61786	20.77	10.43	20.36	101.19	*
17-15-19		61787	18.43	15.69	<b>17.27</b>	102.49	*
21-10-20		61788	20.94	10.33	20.25	101.19	*
21-10-20		61789	20.33	10.31	20.97	100.8	*
Southern States - Warsaw Owenton ,KY							
34-08-10		61925	33.40	7.86	10.17	100.01	
34-08-10		61926	32.95	7.99	10.48	99.69	
33-00-15		61927	32.95		15.32	100.35	*
19-19-19		61928	18.88	19.78	19.84	100.38	
09-16-32		61929	8.97	17.11	30.83	101.04	
33-00-15		61934	32.09		15.8	99.03	*
24-14-18		61935	23.02	13.69	18.68	99.18	
39-04-06		61936	38.47	4.76	6.45	100.7	
19-19-19		61937	19.69	19.55	19.07	100.61	
29-10-12		61938	29.74	10.46	12.46	101.68	*
25-10-17		62857	24.41	10.06	17.45	100.37	
Southern States - Winchester Winchester ,KY							
34-00-13		62118	<b>31.22</b>		16.26	97.71	*
31-00-20		62119	30.97		20.18	100.96	
31-00-20		62120	30.84		20.7	101.42	
19-19-19		62121	20.34	19.36	19.21	101.79	
19-19-19		62122	19.84	18.31	19.67	99.47	
34-00-15		62123	34.96		15.21	101.35	
19-19-19		62124	19.44	18.77	19.73	99.55	
28-13-13		62125	27.24	13.16	14.44	100.29	

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
34-00-13		62126	34.82		12.77	100.91	*
34-00-13		62127	33.64		14.63	100.94	*
Stanley Crop Service Owensboro ,KY							
00-00-60	'MP	60630			60.91	101.52	
00-46-00	'TSP	60631		45.85		99.67	
00-46-00	'TSP	60632		46.71		101.54	
00-00-60	'MP	60633			60.68	101.13	
00-00-60	'MP	60634			58.99	98.32	
00-46-00	'TSP	60635		45.97		99.93	
18-46-00	'DAP	60636	17.46	45.87		98.95	
00-46-00	'TSP	60637		47.01		102.2	
09-23-30		60638	8.62	22.27	29.95	98.06	
09-23-30		60639	8.79	22.64	29.18	97.78	
18-46-00	'DAP	61477	18.25	45.5		99.68	
20-00-00	'AS	61478	20.73			101.12	*
00-00-60	'MP	61479			60.53	100.88	
00-00-60	'MP	61480			61.31	102.18	
00-00-60	'MP	61481			61.43	102.38	
18-46-00	'DAP	61482	17.81	45.52		98.95	
18-46-00	'DAP	61483	17.75	45.83		99.32	
46-00-00	'Urea	61484	46.09			100.2	
00-00-50	'SP	61485			50.95	101.9	
Sun Bulb Company, INC. Arcadia ,FL							
18-06-08	'Dynamite Cactus & Succulent Food	61851	18.69	6.84	8.32	105.75	*
20-14-13	'Better Gro Orchid Plus	62556	20.88	13.16	12.82	100.07	*
Swiss Farms Products Las Vegas ,NV							
12-05-07	'Vigoro All Purpose Plant Food 12-5-7	60992	13.38	5.85	7.16	110.68	*
29-00-04	'Vigoro 29-0-4	61076	29.07		4.12	100.47	
29-00-04	'Vigoro Lawn Fertilizer	61634	29.23		4.26	101.26	
12-05-07	'Vigoro All Purpose	62671	12.82	5.89	6.78	107	*
12-06-10	'Vigoro Rose Food	62672	12.35	<b>5.015</b>	10.52	99.21	*
12-10-05	'Vigoro Tomato & Vegetable Plus Calcium	62673	12.40	10.65	5.53	105.46	*
15-30-15	'Vigoro Bold Blooms	62674	14.71	30.44	15.52	100.84	
29-00-03	'Vigoro Weed and Feed 29-0-3	62902	31.95		3.04	109.62	
12-10-05	'Vigoro Tomato and Vegetable Garden Plant Food 12-10-5	62903	13.05	9.98	5.45	105.51	*
Tennessee Farmers Coop - Lavergne Memphis ,TN							
46-00-00	'Urea	61113	46.00			100	

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	61114	17.78	46.39		100.21	
00-00-60	'MOP	61115			60.86	101.43	
The Scotts Company Marysville ,OH							
32-00-10	'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10	60424	32.48		9.78	100.67	*
24-25-04	'Scotts 24-25-4	61078	24.19	24.69	4.3	100.23	
07-12-15	'Scotts Starter 7-12-15	61080	6.88	12.91	17.53	108.47	
32-00-04	'Scotts Turf Builder	61635	32.35		4.11	101.22	*
15-09-12	'Osmocote Plus Smart Release Outdoor & Indoor	61850	16.12	9.44	12.39	105.74	*
27-00-02	'Scotts Green Max	61852	27.50		2.26	102.36	*
40-00-05	'Scotts Ultra Feed 40-0-5	61899	39.71		6.43	101.45	
24-25-04	'Scotts Turf Builder Starter	62029	23.59	24.28	4.15	98.05	
32-00-04	'Scotts Turf Builder Lawn Food	62030	30.75		5.17	98.55	*
26-00-02	'Scotts Green Max	62031	26.89		1.81	102.82	*
27-00-02	'Scotts Green Max	62033	27.82		2.33	103.65	*
32-00-10	'Scotts Turf Builder Southern Lawn Food	62034	32.15		9.89	100.21	*
32-00-04	'Scotts Turf Builder	62035	31.14		4.85	99.09	*
12-04-08	'Rose & Bloom	62558	15.09	6.39	9.57	130.02	*
10-10-10	'Flower & Vegetable	62559	11.65	10.94	10.18	110.29	*
20-00-08	'Turf Builder Summerguard Lawn Food 20-0-8-2	62879	19.98		8.08	100.12	*
21-22-04	'Scotts Turf Builder Triple Action 21-22-4	62900	22.20	22.56	4.49	104.68	*
Thomas Cayce Farm Supply, LLC Princeton ,KY							
08-19-25		60490	7.46	19.4	26.1	102.42	
08-19-25		60491	7.86	20.56	25.86	105.11	
08-19-25		60492	7.96	19.91	25.17	102.73	
08-19-25		60493	7.27	18.91	26.13	101.11	
18-46-00	'DAP	60494	17.98	46.85		101.3	
21-00-00	'AS	60495	20.42			97.24	*
18-46-00	'DAP	60496	18.23	47.62		102.89	
18-46-00	'DAP	60497	17.8	46.24		100.06	
00-00-60	'MP	60498			59.37	98.95	
00-00-60	'MP	60499			58.70	97.83	
18-46-00	'DAP	60500	17.91	46.94		101.33	
18-46-00	'DAP	60501	17.61	45.1		97.98	
09-23-30		60788	8.85	24.03	29.14	100.14	
09-23-30		60789	9.07	23.83	29.61	100.9	
04-12-15		60799	5.32	11.6	15.97	106.08	
18-46-00	'DAP	60851	17.72	45.72		99.1	

Values in bold are deficient.

\* Refer to Table 3

## TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
21-00-00	'AS	60852	20.49			97.57	*
18-46-00	'DAP	60853	17.49	45.92		99.01	
18-46-00	'DAP	60854	17.78	46.82		100.86	
00-00-60	'MP	60855			60.3	100.5	
00-00-60	'MP	60856			61.44	102.4	
00-00-20	'KMag	60857			22.92	111.8	*
17-00-30		61619	17.67		29.94	102.45	
18-18-18		61620	18.07	18.04	17.84	101.64	
16-16-16		61621	16.72	16.67	18.12	104.09	
34-00-00	'AN	61622	34.50			102.99	
Tri-County Fertilizer Co., Inc. Richmond ,KY							
24-00-28		61757	23.57		28.96	100.77	
22-00-29		61758	21.03		31.18	100.99	
15-00-20		61759	15.68		21.53	104.73	
34-00-00		61760	32.24			<b>96.24</b>	*
08-19-35		61761	<b>6.72</b>	<b>16.23</b>	38.67	97.56	
23-00-30		61762	21.86		31.96	100.27	
25-00-15		61763	24.75		16.79	102.21	*
09-08-32		61764	9.69	9.65	31.80	105.18	*
09-08-32		61765	8.95	9.02	32.38	102.66	*
22-00-29		61766	22.03		28.67	99.49	
00-00-60	'MOP	61767			60.73	101.22	
Turf Care Supply Corporation Brunswick ,OH							
10-10-10	'Elegant Garden 10-10-10	61077	<b>8.28</b>	<b>7.933</b>	10.66	<b>87.63</b>	
Valley Fertilizer Company Edmonton ,KY							
27-14-13		61843	27.63	13.52	14.16	101.2	
18-18-18		61844	18.22	18.84	18.54	102.87	
31-00-20		61847	<b>28.76</b>		23.04	100.08	
27-14-13		62267	27.40	13.18	14.22	100.19	
25-10-10		62268	25.39	8.98	10.36	100.24	
25-10-10		62269	25.72	9.41	9.34	100.37	
19-19-19		62270	19.71	19.73	19.96	102.03	
05-14-41		62271	5.40	13.53	42.9	102.78	
19-19-19		62272	18.72	20.07	20.57	101.41	
25-10-10		62273	24.67	10.37	10.86	102.3	
Verdesian Life Sciences US LLC Cary ,NC							
02-00-00	'MicroSync Pro	61223	1.84			<b>92</b>	*

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
02-00-00	'MicroSync Pro	62451	2.23			111.5	*
Warner Fertilizer - Albany Albany ,KY							
19-19-19		62245	18.61	19.68	19.3	100.95	
19-19-19		62246	18.54	20.16	19.22	101.57	
22-12-22		62247	21.51	12.07	23.2	101.34	
22-12-22		62248	21.28	12.61	23.11	101.74	
22-12-22		62249	21.64	12.66	22.84	102.24	
06-15-20		62701	6.28	15.49	<b>14.95</b>	<b>91.28</b>	
18-00-00		62800	<b>15.82</b>			<b>88.08</b>	*
Warner Fertilizer - Campbellsville Campbellsville ,KY							
19-19-19		62801	18.85	19.37	20.36	100.13	
10-16-29		62802	10.7	16.25	<b>26.12</b>	98.64	*
23-11-20		62803	22.63	11.54	21.65	100.25	
18-10-09		62804	18.84	10.36	8.84	102.31	
28-09-11		62819	27.71	8.44	12.86	100.6	*
28-12-12		62916	27.13	12.56	12.37	101.33	*
28-12-12		62917	27.91	12.52	11.98	102.42	*
34-00-00		62919	35.02			104.54	*
Warner Fertilizer - Columbia Columbia ,KY							
20-19-19		62254	19.66	20.55	18.75	101.91	
20-19-19		62255	20.34	20.39	18.13	102.2	
26-12-17		62257	24.89	11.68	18.11	99.66	
20-19-19		62258	20.22	21.01	<b>16.86</b>	101.31	
23-00-30		62259	22.60		29.48	98.26	
21-09-26		62260	19.39	9.1	27.22	99.02	
20-19-19		62261	19.57	20.38	18.87	101.58	
23-17-17		62751	21.81	17.01	18.78	100.81	
21-15-20		62820	20.41	14.91	23.21	101.66	
20-19-19		62821	19.67	20.29	18.75	101.37	
Warner Fertilizer - Liberty Liberty ,KY							
06-00-22		62749	6.01		25.53	110.91	
29-12-13		62750	28.95	11.29	13.88	100.17	
20-15-15		62823	19.62	<b>13.4</b>	17.13	99.44	*
23-00-30		62824	22.55		29.95	98.86	
19-19-19		62915	19.57	20.86	18.85	102.32	
Warner Fertilizer - Monticello Monticello ,KY							
25-13-17		62243	27.43	<b>7.375</b>	17.76	<b>95.59</b>	

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
09-23-27		62244	8.86	24.45	26.54	101.54	*
19-19-19		62873	19.84	19.52	19.21	101.08	
Warner Fertilizer - Nancy Nancy ,KY							
17-17-17		62250	17.24	18.37	18.72	105.94	
22-00-32		62251	21.58		<b>30.46</b>	97.89	
17-17-17		62252	18.93	16.71	16.92	103.79	
19-19-19		62253	18.41	19.23	20.4	99.14	
19-13-19		62467	18.12	13.64	19.95	101.09	
13-00-09		62702	<b>4.28</b>		<b>6.235</b>	<b>44.43</b>	
22-07-17		62745	22.16	6.25	17.1	99.62	
22-07-17		62746	21.77	6.62	17.65	100.36	
Warner Fertilizer - Russell Springs Russell Springs ,KY							
21-15-20		62747	20.35	16.88	20.05	100.87	
21-15-20		62748	20.25	16.94	20.69	101.63	
22-12-22		62822	21.29	11.9	23.73	101.29	
09-23-30		62909	8.88	22.17	30.94	99.49	
09-23-30		62910	9.65	24.49	<b>27.54</b>	100.79	
09-23-30		62911	9.30	22.98	30.26	100.93	
Warner Fertilizer - Somerset Somerset ,KY							
00-00-60 'mop		60461			60.7	101.17	
00-00-60 'MOP		60623			60.69	101.15	
18-46-00 'DAP		60624	17.12	44.97		97.02	
24-10-10 '24-10-10 Blend		60959	<b>21.97</b>	11.47	13.14	103.24	
18-46-00 'DAP		61041	17.64	45.59		98.77	
18-46-00 'DAP		61042	17.68	45.29		98.38	
46-00-00 'Urea		61043	46.03			100.07	
46-00-00 'Urea		61044	45.96			99.91	
00-00-60 'MOP		61045			59.42	99.03	
18-46-00 'DAP		61046	17.59	45.24		98.15	
46-00-00 'Urea		61116	46.17			100.37	
00-00-60 'MOP		61117			59.83	99.72	
34-00-00 'AN		61118	34.12			100.35	
18-46-00 'DAP		61119	17.67	45.37		98.49	
18-46-00 'DAP		61120	17.72	47.14		101.23	
21-00-00 'AS		61126	20.59			98.05	*
00-00-60 'MOP		61127			61	101.67	
18-46-00 'DAP		61128	17.72	46.9		100.87	

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	61129	46.20			100.43	
46-00-00	'Urea	61130	46.15			100.33	
46-00-00	'Urea	61131	46.04			100.09	
18-46-00	'DAP	61132	17.62	46.14		99.56	
00-00-60	'MOP	61133			59.92	99.87	
46-00-00	'Urea	61134	46.10			100.22	
18-46-00	'DAP	61135	18.04	46.72		101.15	
00-00-60	'MOP	61136			59.42	99.03	
00-00-60	'MOP	61137			61.37	102.28	
18-46-00	'DAP	61138	18.02	47.22		101.87	
46-00-00	'Urea	61139	46.15			100.33	
46-00-00	'Urea	61149	46.11			100.24	
00-00-60	'MOP	61150			61.14	101.9	
18-46-00	'DAP	61151	17.56	46.48		99.97	
34-00-00	'AN	61152	34.18			100.53	
00-00-60	'MOP	61153			59.65	99.42	
21-00-00	'AS	61154	20.65			98.33	*
46-00-00	'Urea	61196	46.10			100.22	
18-46-00	'DAP	61197	17.81	45.15		98.4	
00-00-60	'MOP	61198			60.23	100.38	
00-00-60	'MOP	61201			60.07	100.12	
00-00-60	'MOP	61202			59.52	99.2	
18-46-00	'DAP	61203	17.91	46.11		100.01	
18-46-00	'DAP	61204	17.54	46		99.21	
46-00-00	'Urea	61205	46.03			100.07	
46-00-00	'Urea	61206	45.94			99.87	
46-00-00	'Urea	61207	46.14			100.3	
46-00-00	'Urea	61208	45.92			99.83	
18-46-00	'DAP	61209	18.13	46.3		100.67	
00-00-60	'MOP	61210			59.26	98.77	
46-00-00	'Urea	61211	46.10			100.22	
18-46-00	'DAP	61226	17.67	46.24		99.8	
00-00-60	'MOP	61227			60.32	100.53	
18-46-00	'DAP	61228	17.82	47		101.2	
00-00-60	'MOP	61229			59.79	99.65	
46-00-00	'Urea	61230	46.06			100.13	
07-20-20	'7-20-20	61468	8.45	21.24	20.79	108.15	

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
19-19-19	'19-19-19	61469	19.90	22.48	<b>15.82</b>	104.01	
15-15-15	'Warnco	61716	15.58	17.89	15.87	109.73	
10-10-10	'Warnco	61717	9.74	10.24	9.94	99.65	
12-24-24	'Warnco	61718	13.20	27.09	<b>19.94</b>	102.71	
17-17-17	'Warnco	61719	16.80	19.47	18.74	107.2	
10-20-20	'Warnco	61720	10.52	22.19	19	104.47	
18-46-00	'DAP	61721	17.79	45.34		98.65	
34-00-00	'AN	61722	33.78			99.35	
00-00-50	'SOP	61723			49.21	98.42	
19-19-19	'Warnco	61819	20.21	20.46	<b>17.68</b>	103.44	
19-19-19	'Warnco	61828	18.47	22.3	18.50	104.28	
10-10-10	'Warnco	61845	9.69	11.26	9.72	102.45	
19-19-19	'Warnco	61846	19.26	21.06	18.81	104.07	
07-20-20	'Warnco	61848	8.92	23.03	<b>16.84</b>	106.84	
10-10-10	'Warnco	62135	9.73	9.56	10.9	99.68	
19-19-19	'Warnco	62136	18.01	19.07	19.99	99.38	
18-46-00	'DAP	62256	17.72	47.25		101.4	
46-00-00	'Warnco	62312	46.19			100.41	
19-19-19	'Warnco	62313	19.64	20.7	<b>16.80</b>	101.51	
10-10-10	'Warnco	62314	9.64	12.18	10.08	106.37	
10-20-20	'Warnco	62315	10.01	24.06	20.01	108.87	
19-19-19		62421	19.22	19.89	19.89	101.23	
19-19-19		62422	19.95	19.61	18.59	100.51	
19-19-19		62423	19.18	20.7	20.08	102.85	
19-19-19		62424	18.53	20.1	20.46	100.95	
28-10-13		62466	<b>24.85</b>	11.61	16.46	100.42	*
34-00-00	'Kentucky Green	62468	34.33			100.97	
46-00-00	'Urea	62654	46.04			100.09	
18-46-00	'DAP	62655	18.14	46.43		100.89	
00-00-60	'MOP	62656			59.4	99	
23-15-15		62703	<b>20.61</b>	<b>12.61</b>	20.72	106.69	
21-00-30		62736	21.04		30.52	99.76	
22-00-30		62737	21.14		31.02	100.76	
30-06-15		62738	28.81	5.52	18.05	100.63	
30-06-15		62739	29.35	5.79	16.93	100.76	
08-21-27		62740	7.99	20.81	27.84	100.2	*
46-00-00	'Urea	62859	46.05			100.11	

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	62860	18.45	46.5		101.52	
00-00-60	'MOP	62861			58.96	98.27	
19-19-19	'Warnco 19-19-19	62862	19.38	21.9	<b>16.84</b>	103.23	
15-15-15	'Warnco 15-15-15	62863	16.55	17.49	18.33	115.54	
10-10-10	'Warnco 10-10-10	62864	9.88	11.66	10.39	106.3	
19-19-19	'Warnco	62920	19.66	21.34	<b>16.4</b>	102.19	
Warner Fertilizer - Stanford Stanford ,KY							
36-08-08		61963	36.55	7.42	8.03	102.37	
30-12-11		61964	30.21	11.29	13.04	101.71	
23-00-00		61965	23.30			101.3	
31-00-00		61966	30.81			100.46	
19-19-19		61967	20.24	21.48	18.71	104.74	
19-19-19		61968	19.11	20.25	20.87	103.02	
19-19-19		61969	19.79	20.15	19.87	102.93	
19-19-19		61970	18.61	19.21	21.38	100.8	
00-00-40		61971			40.49	101.22	
20-10-20		61972	19.57	9.89	21.73	101.69	
Warner Fertilizer - Tompkinsville Tompkinsville ,KY							
34-08-10		62002	<b>32.16</b>	8.46	10.05	98.32	
34-08-10		62003	32.57	7.95	11.08	99.65	
27-14-14		62004	27.21	14.19	13.72	101.04	
22-12-22		62170	22.00	12.91	21.39	101.47	
39-00-00		62171	38.75			99.92	*
19-19-19		62172	18.83	19.24	20.11	99.55	
26-00-20		62173	25.81		20.82	99.58	*
27-14-14		62174	27.33	13.9	13.82	100.97	
19-19-19		62263	18.62	21.42	20.08	102.97	
19-19-19		62264	18.03	20.41	20.02	99.91	
Waterway Ag Inc Metropolis ,IL							
18-46-00	'DAP	61104	17.24	46.25		99.07	
00-00-60	'MP	61105			61.5	102.5	
09-23-30	'9-23-30	61106	9.06	24.41	30.06	102.76	
09-23-30	'9-23-30	61998	8.56	23.53	29.82	99.81	
White River LLC Loogootee ,IN							
32-00-00	'UAN 32-0-0	62923	31.34			97.94	
32-00-00	'UAN 32-0-0	62932	31.39			98.09	
28-00-00	'UAN 28-0-0	62935	27.91			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>
Winfield Solutions, LLC Saint Paul ,MN							
16-06-16	'Pasture 16-6-16	61435	15.32	5.48	17.41	99.26	
12-12-12	'12-12-12	61436	12.16	12.7	13.12	104.94	
Woodford Feed Company, Inc. Versailles ,KY							
00-00-60	'MOP	61394			59.58	99.3	
00-00-50	'SOP	61395			51.41	102.82	
18-46-00	'DAP	61396	17.64	46.07		99.49	
21-00-00	'AS	61397	21.21			101	*
26-00-17		61648	25.36		18.37	101.19	*
00-00-56		61651			58.13	102.94	*
00-00-60	'MOP	62325			60.37	100.62	
18-46-00	'DAP	62326	17.63	46.77		100.52	
21-00-00	'AS	62327	21.21			101	*
46-00-00	'Urea	62328	46.20			100.43	
38-00-00		62330	38.09			98.94	*
30-00-15		62331	29.89		15.25	101.25	*
23-20-13		62332	22.55	21.52	14.35	101.65	
12-09-23		62333	11.28	9.92	25.03	105.41	*
12-09-23		62334	11.27	9.31	25.54	104.77	*
12-09-23		62335	11.51	9.86	22.96	102.05	*
12-09-23		62336	11.23	10.07	23.72	103.19	*
12-09-23		62337	11.32	9.26	23.65	101.24	*
12-09-23		62338	11.56	9.17	23.13	100.74	*
00-00-60	'MOP	62554			60.17	100.28	
18-46-00	'DAP	62555	17.57	44.87		97.56	

Values in bold are deficient.

\* Refer to Table 3



# Regulatory Bulletin 346

## Table 3

Detailed Inspection Report Results  
Secondary and Micro Nutrients  
July 2020- June 2021





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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
Advanced Micronutrient Products Reese ,MI										
61299	02-00-00	Brand: 'EZ 20 Essential Zinc								
		<b>Guarantee:</b>			14					20
		<b>Found:</b>			13.16					22.78
61300	00-00-00	Brand: 'NuBor 10								
		<b>Guarantee:</b>	10	5	1.5					10
		<b>Found:</b>	10.7	5.22	2.944					9.406
61650	00-00-00	Brand: 'Nubro 10								
		<b>Guarantee:</b>	10	0.5	1.5					10
		<b>Found:</b>	9.499	3.947	2.636					10.0
62051	00-00-00	Brand: 'AMP NuBOR 10								
		<b>Guarantee:</b>	10	5	1.5					10
		<b>Found:</b>	10.16	5.144	3.284					9.50
62329	00-00-00	Brand: 'NuBro 10								
		<b>Guarantee:</b>	10	5	1.5					10
		<b>Found:</b>	10.07	5.163	2.976					9.4
Ag Distributors Inc Memphis ,TN										
62714	30-10-10	Brand: 'ADI 30-10-10 with 25% SCU 2%FE 1%S								
		<b>Guarantee:</b>							1	2
		<b>Found:</b>			1.249				1.8236	
Ag1 Coop Monticello ,KY										
62798	10-27-23									
		<b>Guarantee:</b>			3.4615					
		<b>Found:</b>			4.378					
62799	10-27-23									
		<b>Guarantee:</b>			3.4615					
		<b>Found:</b>			4.588					
Agri-Chem - Hopkinsville Hopkinsville ,KY										
60459	12-40-00	Brand: 'MES Z								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>			10.7					0.977
60460	12-40-00	Brand: 'MES Z								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>			10.58					0.979
60558	05-24-32									
		<b>Guarantee:</b>								0.4757
		<b>Found:</b>								0.564
60561	09-24-27									
		<b>Guarantee:</b>			2.6974					
		<b>Found:</b>			3.889					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60613	09-23-23	<b>Guarantee:</b>		1.9619	3.9237					
		<b>Found:</b>	<input type="text"/>	2.183	5.412					
60614	09-23-23	<b>Guarantee:</b>		1.9809	3.9617					
		<b>Found:</b>	<input type="text"/>	2.34	5.61					
60615	03-16-40	<b>Guarantee:</b>								0.4828
		<b>Found:</b>	<input type="text"/>							0.483
60616	04-21-35	<b>Guarantee:</b>								0.6205
		<b>Found:</b>	<input type="text"/>							0.574
60617	05-26-29	<b>Guarantee:</b>			2.3316					
		<b>Found:</b>	<input type="text"/>		3.902					
60775	08-20-32	<b>Guarantee:</b>			2.6092					
		<b>Found:</b>	<input type="text"/>		3.379					
60776	04-18-20	<b>Guarantee:</b>			1.5269					
		<b>Found:</b>	<input type="text"/>		2.602					
60834	26-00-00	Brand: '26-0-0								
		<b>Guarantee:</b>			2					
		<b>Found:</b>	<input type="text"/>		2.286					
AgriGro Farm Center, Inc. Hartford ,KY										
61545	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		26.13					
Agriport Terminal Eddyville ,KY										
61092	00-00-22	Brand: 'SPM								
		<b>Guarantee:</b>		10.5	21					
		<b>Found:</b>	<input type="text"/>	11.02	21.31					
61263	00-00-50	Brand: 'SOP								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		18.48					
61264	00-00-22	Brand: 'KMag								
		<b>Guarantee:</b>		10.5	21					
		<b>Found:</b>	<input type="text"/>	10.48	21.24					

AgroLiquid Fertilizer St. Johns ,MI

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62524	07-00-00	Brand: 'Access								
		<b>Guarantee:</b>			17			0.25	0.05	0.05
		<b>Found:</b>	<input type="text"/>		18.92			<b>0.205</b>	0.0675	0.0601
62525	07-00-00	Brand: 'Enhance								
		<b>Guarantee:</b>			8.7				0.07	0.07
		<b>Found:</b>	<input type="text"/>		8.168				0.0794	0.0708
62526	24-00-00	Brand: 'NResponse								
		<b>Guarantee:</b>			1					
		<b>Found:</b>	<input type="text"/>		0.7500					
62527	12-03-03	Brand: 'FertiRain								
		<b>Guarantee:</b>			1.5			0.1	0.05	0.1
		<b>Found:</b>	<input type="text"/>		1.858			0.0911	0.0616	0.114
62528	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"/>			0.0164	0.274	0.377	1.123	1.839
62529	09-24-03	Brand: 'Pro-Germinator								
		<b>Guarantee:</b>						0.1		
		<b>Found:</b>	<input type="text"/>					0.285		
Allen County Farmers Service, Inc. Scottsville ,KY										
60820	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.01					
61256	13-20-26									
		<b>Guarantee:</b>			2.5587	0.023				
		<b>Found:</b>	<input type="text"/>		2.496	0.0297				
61452	14-14-28									
		<b>Guarantee:</b>	1.2099	0.0288	0.1728	0.0086		0.0058		0.0144
		<b>Found:</b>	<input type="text" value="1.312"/>	0.296	0.739	0.0196		0.361		0.0314
Ballard County Coop., Inc. La Center ,KY										
61902	10-19-24									
		<b>Guarantee:</b>			3.4539	0.1845				0.9299
		<b>Found:</b>	<input type="text"/>		4.658	0.1820				1.181
61903	10-19-24									
		<b>Guarantee:</b>			3.4539	0.1845				0.9299
		<b>Found:</b>	<input type="text"/>		4.766	0.2230				1.078
61906	20-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.06					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61973	16-14-18	<b>Guarantee:</b>			4.8153					
		<b>Found:</b>	<input type="text"/>		5.117					
61974	16-14-18	<b>Guarantee:</b>			4.8153					
		<b>Found:</b>	<input type="text"/>		5.176					
61978	10-19-24	<b>Guarantee:</b>			3.4539	0.1845				0.9299
		<b>Found:</b>	<input type="text"/>		4.572	0.2240				1.044
62159	13-13-25	<b>Guarantee:</b>			4.1033					
		<b>Found:</b>	<input type="text"/>		4.778					
Bandana Ag, Inc. La Center ,KY										
60452	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.46					
60453	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.5					
60706	10-19-27	<b>Guarantee:</b>			2.2222					
		<b>Found:</b>	<input type="text"/>		2.71					
60709	10-19-27	<b>Guarantee:</b>			2.2222					
		<b>Found:</b>	<input type="text"/>		2.891					
60710	10-19-27	<b>Guarantee:</b>			2.2222					
		<b>Found:</b>	<input type="text"/>		2.649					
60711	10-19-27	<b>Guarantee:</b>			2.2222					
		<b>Found:</b>	<input type="text"/>		2.869					
60712	10-19-26	<b>Guarantee:</b>			2.2073					
		<b>Found:</b>	<input type="text"/>		2.553					
60865	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.89					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	61982	12-15-27								
			<b>Guarantee:</b>		2.6663					
			<b>Found:</b>	<input type="text"/>	3.506					
Bickett Ag - Central City Central City ,KY										
	62177	16-18-12								
			<b>Guarantee:</b>		9.6063					
			<b>Found:</b>	<input type="text"/>	11.03					
	62180	16-18-12								
			<b>Guarantee:</b>		9.5938					
			<b>Found:</b>	<input type="text"/>	10.67					
Black Gold Envirosafe Arcadia ,FL										
	62668	08-05-05								
			Brand: 'Dynamite Mater Magic							
			<b>Guarantee:</b>	4	1					
			<b>Found:</b>	<input type="text" value="4.091"/>	2.991					
C.D. Poore Fertilizer Albany ,KY										
	61122	21-00-00								
			Brand: 'AMS							
			<b>Guarantee:</b>		24					
			<b>Found:</b>	<input type="text"/>	23.88					
	62608	08-11-15								
			<b>Guarantee:</b>		4.7476	0.2476	0.0728	0.1456	0.0728	0.0728
			<b>Found:</b>	<input type="text"/>	5.122	0.2080	0.0612	0.295	0.0857	0.112
	62609	08-11-15								
			<b>Guarantee:</b>		4.7476	0.2476	0.0728	0.1456	0.0728	0.0728
			<b>Found:</b>	<input type="text"/>	4.802	<b>0.1960</b>	0.0884	0.412	0.1	0.131
	62610	08-11-15								
			<b>Guarantee:</b>		4.7476	0.2476	0.0728	0.1456	0.0728	0.0728
			<b>Found:</b>	<input type="text"/>	4.851	<b>0.1950</b>	0.083	0.439	0.0944	0.131
Cameron Chemicals Inc Virginia Beach ,VA										
	60869	00-00-00								
			Brand: 'Zinc 36%							
			<b>Guarantee:</b>		9					36
			<b>Found:</b>	<input type="text"/>	12.39					<b>32.36</b>
	61670	00-00-00								
			Brand: 'Cameron Micronutrients Magnesium 36%							
			<b>Guarantee:</b>	36	3					
			<b>Found:</b>	<input type="text"/>	35.2	5.28				
	61679	00-00-00								
			Brand: 'Boron 15							
			<b>Guarantee:</b>			15				
			<b>Found:</b>	<input type="text"/>		14.5				
	61829	00-00-00								
			Brand: 'Peanut Cotton Soybean Mix							
			<b>Guarantee:</b>		6	0.5	1	3	16	4
			<b>Found:</b>	<input type="text"/>	6.692	1.06	0.9087	7.325	16.03	8.615

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61830	00-00-00	Brand: 'Corn Mix								
		<b>Guarantee:</b>			5	1	1		5	20
		<b>Found:</b>	<input type="text"/>		12.45	0.9920	1.084		7.259	23.68
61831	00-00-00	Brand: 'Boron 15%								
		<b>Guarantee:</b>				15				
		<b>Found:</b>	<input type="text"/>			14.0				
61834	00-00-00	Brand: 'Cameron Micronutrients Zinc 36								
		<b>Guarantee:</b>			9					36
		<b>Found:</b>	<input type="text"/>		15.72					35.5788
62342	00-00-00	Brand: 'Southern States Micro Mix								
		<b>Guarantee:</b>			6	2	5	10	5	5
		<b>Found:</b>	<input type="text"/>		5.768	1.93	4.5557	17.97	6.454	7.737
62420	00-00-00	Brand: 'Mg 36								
		<b>Guarantee:</b>		36						
		<b>Found:</b>	<input type="text"/>	<b>29.8</b>						
62441	00-00-00	Brand: 'Boron 15								
		<b>Guarantee:</b>				15				
		<b>Found:</b>	<input type="text"/>			14.48				
Central Crop Care Crab Orchard ,KY										
61515	22-11-19									
		<b>Guarantee:</b>			2.88					
		<b>Found:</b>	<input type="text"/>		2.55					
61517	16-00-30									
		<b>Guarantee:</b>		2.695	5.39					
		<b>Found:</b>	<input type="text"/>	3.011	6.656					
62107	17-13-22									
		<b>Guarantee:</b>			4.3636					
		<b>Found:</b>	<input type="text"/>		5.011					
62110	19-15-19									
		<b>Guarantee:</b>			3.5745					
		<b>Found:</b>	<input type="text"/>		4.268					
62117	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.14					
62571	34-00-00									
		<b>Guarantee:</b>			12					
		<b>Found:</b>	<input type="text"/>		11.5					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
62576	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			23.3					
62908	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			23.53					
Central Farmers Supply, Inc. Greensburg ,KY										
61606	27-00-18	Guarantee:			5.3412					
		Found:			<b>4.06</b>					
Central Garden & Pet Garden Division Atlanta ,GA										
60523	10-08-06	Brand: 'Azalea Camellia and Rhododendron								
		Guarantee:	7	0.8	8		0.05	2	0.05	0.05
		Found:	9.317	4.174	9.361		0.045	3.34	0.0999	0.0627
62557	10-10-10	Brand: 'Pennington UltraGreen All Purpose								
		Guarantee:	5	0.8	1		0.05	2	0.05	0.05
		Found:	8.708	3.087	5.988		0.0434	4.268	0.0663	0.0513
CHS Crop Nutrients - Owensboro Owensboro ,KY										
61168	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			23.39					
61348	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:			23.23					
Clements Ag Supply Springfield ,KY										
61416	00-00-22	Brand: 'K Mag								
		Guarantee:		10.5	21					
		Found:		10.69	22.17					
62310	00-00-22	Brand: 'KMag								
		Guarantee:		11	22					
		Found:		11.54	22.16					
62721	17-15-18	Guarantee:			4.7059					
		Found:			7.334					
62722	38-00-00	Guarantee:			7.619					
		Found:			7.768					
62723	21-00-00	Guarantee:			23.9897					
		Found:			24.98					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	62724	21-00-00	Guarantee:		23.9897					
			Found:	<input type="text"/>	24.05					
	62725	17-15-18	Guarantee:		4.7059					
			Found:	<input type="text"/>	5.829					
	62726	32-09-00	Guarantee:		8					
			Found:	<input type="text"/>	8.276					
	62727	19-13-17	Guarantee:		4.6154					
			Found:	<input type="text"/>	5.836					
	62728	19-13-17	Guarantee:		4.6154					
			Found:	<input type="text"/>	5.599					
Darling Ingredients Inc - Irving TX Irving ,TX										
	60462	08-05-05	Brand: 'Nature Safe 8-5-5							
			Guarantee:	4.5	1					
			Found:	<input type="text" value="4.736"/>	3.115					
	60463	07-12-00	Brand: 'Nature Safe 7-12-0							
			Guarantee:	10						
			Found:	<input type="text" value="14.56"/>						
	60464	10-02-08	Brand: 'Nature Safe 10-2-8							
			Guarantee:	1.8	3					
			Found:	<input type="text" value="2.675"/>	4.022					
	60465	05-05-05	Brand: 'Nature Safe 5-5-5							
			Guarantee:	4	2	3				
			Found:	<b>3.388</b>	2.742	5.838				
	60466	08-03-05	Brand: 'Nature Safe 8-3-5							
			Guarantee:	3	2.2	4				
			Found:	<input type="text" value="2.7431"/>	2.683	6.229				
	60467	12-02-06	Brand: 'Nature Safe 12-2-6							
			Guarantee:	2	8					
			Found:	<input type="text" value="4.293"/>	8.401					
	60468	18-00-04	Brand: 'Nature Safe 18-0-4							
			Guarantee:		3					
			Found:	<input type="text"/>	5.002					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021



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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	60469	10-00-08	Brand: 'Nature Safe 10-0-8							
			<b>Guarantee:</b>	1.8	3					
			<b>Found:</b>	1.983	4.286					
	60470	21-03-07	Brand: 'Nature Safe 21-3-7							
			<b>Guarantee:</b>	2	2					
			<b>Found:</b>	2.792	3.635					
	60471	27-00-02	Brand: 'Nature Safe 27-0-2							
			<b>Guarantee:</b>	1						
			<b>Found:</b>	1.207						
	60472	16-00-02	Brand: 'Nature Safe 16-0-2							
			<b>Guarantee:</b>	1	2					
			<b>Found:</b>	2.017	3.226					
	60474	05-06-06	Brand: 'Nature Safe 5-6-6							
			<b>Guarantee:</b>	5	1.5	4				
			<b>Found:</b>	<b>3.597</b>	3.424	7.192				
	60475	09-00-09	Brand: 'Nature Safe 9-0-9							
			<b>Guarantee:</b>		3					
			<b>Found:</b>		4.636					
	62634	18-00-04	Brand: 'Nature Safe 18-0-4							
			<b>Guarantee:</b>		3					
			<b>Found:</b>		5.499					
	62635	09-06-01	Brand: 'Nature Safe 9-6-1							
			<b>Guarantee:</b>	5						
			<b>Found:</b>	5.23						
	62636	05-06-06	Brand: 'Nature Safe 5-6-6							
			<b>Guarantee:</b>	5	1.5	4				
			<b>Found:</b>	5.677	2.652	6.509				
	62637	10-00-08	Brand: 'Nature Safe 10-0-8							
			<b>Guarantee:</b>	1.8	3					
			<b>Found:</b>	2.612	4.347					
	62638	21-03-07	Brand: 'Nature Safe 21-3-7							
			<b>Guarantee:</b>	2	2					
			<b>Found:</b>	4.77	4.311					
	62640	07-12-00	Brand: 'Nature Safe 7-12-0							
			<b>Guarantee:</b>	10						
			<b>Found:</b>	12.52						
	62641	10-02-08	Brand: 'Nature Safe 10-2-8							
			<b>Guarantee:</b>	1.8	3					
			<b>Found:</b>	2.757	4.548					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	62642	08-05-05	Brand: 'Nature Safe 8-5-5							
			Guarantee:	4.5						1
			Found:	4.828						3.462
	62643	16-00-02	Brand: 'Nature Safe 16-0-2							
			Guarantee:	1						2
			Found:	1.962						3.169
	62644	08-03-05	Brand: 'Nature Safe 8-3-5							
			Guarantee:	3	2.2					4
			Found:	<b>2.083</b>	2.451					6.32
	62645	12-02-06	Brand: 'Nature Safe 12-2-6							
			Guarantee:	2						8
			Found:	2.739						<b>6.71</b>
	62646	09-00-09	Brand: 'Nature Safe 9-0-9							
			Guarantee:							3
			Found:							4.772
Dr. Earth Inc Winters ,CA										
	61632	04-06-03	Brand: 'Dr. Earth Organic & Natural Tomato Vegetable & Herb							
			Guarantee:	4.75						
			Found:	10.21						
	61817	04-06-03	Brand: 'Dr. Earth Home Grown Tomato Vegetable & Herb Fertilizer							
			Guarantee:	4.75						
			Found:	9.304						
	62670	04-06-03	Brand: 'Tomato Vegetable & Herb Fertilizer							
			Guarantee:	7.5						
			Found:	9.132						
Drake's Farm Service, Inc. Morgantown ,KY										
	61460	38-00-00								
			Guarantee:							7.8756
			Found:							7.678
	61467	38-00-00								
			Guarantee:							7.7779
			Found:							7.6324
Eau Claire CO-OP Oil Company Eau Claire ,WI										
	60425	15-23-10	Brand: 'Menards Premium Starter 15-23-10							
			Guarantee:							1
			Found:							1.119
	60426	22-00-10	Brand: 'Menards Premium Fall Lawn Food 22-0-10							
			Guarantee:							1
			Found:							1

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61047	26-00-03	Brand: 'Menards Premium Crabgrass Preventer Lawn Food 26-0-3						1		
		<b>Guarantee:</b>						1.009		
		<b>Found:</b>	<input type="text"/>							
61048	30-00-03	Brand: 'Menards Premium Lawn Food 30-0-3						1		
		<b>Guarantee:</b>						1.127		
		<b>Found:</b>	<input type="text"/>							
61266	15-23-10	Brand: 'Menards Premium Starter Fertilizer 15-23-10						1		
		<b>Guarantee:</b>						1.708		
		<b>Found:</b>	<input type="text"/>							
Espoma Company Millville ,NJ										
61815	03-04-04	Brand: 'Espoma Organic Garden-tone Herb & Vegetable Food								
		<b>Guarantee:</b>	5	1	2					
		<b>Found:</b>	9.641	1.81	2.882					
62348	04-03-03	Brand: 'Bio-Tone Organic Starter Plus								
		<b>Guarantee:</b>	5	1	1					
		<b>Found:</b>	9.197	1.135	1.947					
Fleming County Farm Supply Flemingsburg ,KY										
61269	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>						24		
		<b>Found:</b>	<input type="text"/>					23.92		
61280	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>						24		
		<b>Found:</b>	<input type="text"/>					23.08		
61295	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>						24		
		<b>Found:</b>	<input type="text"/>					23.2489		
62052	29-00-00									
		<b>Guarantee:</b>						16		
		<b>Found:</b>	<input type="text"/>					15.65		
62054	15-00-00									
		<b>Guarantee:</b>						8		
		<b>Found:</b>	<input type="text"/>					8.607		
62059	10-00-00									
		<b>Guarantee:</b>						12		
		<b>Found:</b>	<input type="text"/>					12.39		
62060	21-09-16									
		<b>Guarantee:</b>						6.3158		
		<b>Found:</b>	<input type="text"/>					6.683		

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	62087	14-17-16	<b>Guarantee:</b>		8.7273					
			<b>Found:</b>	<input type="text"/>	8.906					
	62088	12-13-23	<b>Guarantee:</b>		7.7746	0.0704				0.1408
			<b>Found:</b>	<input type="text"/>	7.534	0.0763				0.181
	62786	21-00-00	Brand: 'AS							
			<b>Guarantee:</b>		24					
			<b>Found:</b>	<input type="text"/>	24.2					
	62795	21-00-00	Brand: 'AS							
			<b>Guarantee:</b>		24					
			<b>Found:</b>	<input type="text"/>	24.52					
Foxfarm Soil & Fertilizer Company Arcata ,CA										
	61071	10-07-07	Brand: 'Fox Farm 10-7-7							
			<b>Guarantee:</b>	4.34	0.5	5.8	0.5	1	0.05	0.12
			<b>Found:</b>	<input type="text" value="4.594"/>	0.69	5.842	<b>0.0942</b>	1.278	0.354	0.317
	61073	06-04-04	Brand: 'Fox Farm Liquid Plant Food 6-4-4							
			<b>Guarantee:</b>		0.6	0.02	0.05	0.1	0.05	0.05
			<b>Found:</b>	<input type="text"/>	0.658	0.0208	0.0714	0.139	0.062	0.0597
	61636	02-08-04	Brand: 'Tiger Bloom							
			<b>Guarantee:</b>		0.5	0.02	0.05	0.12	0.06	0.05
			<b>Found:</b>	<input type="text"/>	0.546	0.0232	0.061	0.122	0.0742	0.0601
	61637	10-07-07	Brand: 'FoxFarm Marine Cuisine							
			<b>Guarantee:</b>	4.34	0.5	5.8	0.05	1	0.05	0.12
			<b>Found:</b>	<input type="text" value="4.33"/>	0.653	5.497	0.0807	1.264	0.308	0.323
Frit Industries Ozark ,AL										
	60560	00-00-00	Brand: 'F-317G Zinc 36%							
			<b>Guarantee:</b>							36
			<b>Found:</b>	<input type="text"/>						39.77
	61449	00-00-00	Brand: 'F-317G							
			<b>Guarantee:</b>							36
			<b>Found:</b>	<input type="text"/>						37.23
Galaxy Sulfur LLC Valdosta ,GA										
	60629	00-00-00	Brand: 'Rocket 90 Sulfur							
			<b>Guarantee:</b>			90				
			<b>Found:</b>	<input type="text"/>		89.45				
	62551	00-00-00	Brand: 'Rocket 90							
			<b>Guarantee:</b>			90				
			<b>Found:</b>	<input type="text"/>		89.94				

Gaskins Fertilizer Russell Springs ,KY

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc	
	61346	32-00-00									
			<b>Guarantee:</b>		13.6154						
			<b>Found:</b>	<input type="text"/>	13.2936						
	62460	05-14-26									
			<b>Guarantee:</b>	5.6757	4.5946						
			<b>Found:</b>	<input type="text" value="5.668"/>	4.896						
	62461	07-17-22									
			<b>Guarantee:</b>	5.1168	4.2944	0.0127	0.0254	0.0761	0.4061	0.1015	
			<b>Found:</b>	<input type="text" value="4.749"/>	4.48	0.0262	0.0208	0.345	<b>0.348</b>	0.275	
	62462	05-14-26									
			<b>Guarantee:</b>	5.6757	4.5946						
			<b>Found:</b>	<input type="text" value="5.886"/>	5.008						
	62464	31-00-00									
			<b>Guarantee:</b>		14.3808						
			<b>Found:</b>	<input type="text"/>	14.26						
Gro Tec Inc Madison ,GA											
	60428	12-05-07									
			Brand: 'Expert Gardener All-Purpose Plant Food 12-5-7								
			<b>Guarantee:</b>					0.5	0.2	0.05	
			<b>Found:</b>	<input type="text"/>				0.862	0.196	0.0444	
	60526	12-05-07									
			Brand: 'All Purpose								
			<b>Guarantee:</b>					0.5	0.2	0.05	
			<b>Found:</b>	<input type="text"/>				1.069	0.245	0.0673	
	61425	04-03-00									
			Brand: 'Procare Natural Slow Release Fertilizer								
			<b>Guarantee:</b>	3.4	1			1.5			
			<b>Found:</b>	<input type="text" value="3.739"/>	1.036			1.472			
	61900	18-18-21									
			Brand: 'Sta Green Tomato and Vegetable Plant Food								
			<b>Guarantee:</b>		0.5	1.47		0.05	0.1	0.05	
			<b>Found:</b>	<input type="text"/>	<b>0.0124</b>	1.865		0.0672	0.118	0.0468	
	61901	04-03-00									
			Brand: 'Pro Care Natural Fertilizer								
			<b>Guarantee:</b>	3.4	1			1.5			
			<b>Found:</b>	<input type="text" value="3.372"/>	1.18			1.697			
	62027	18-18-21									
			Brand: 'Sta-Green Tomato & Vegetable								
			<b>Guarantee:</b>		0.5	1.47		0.05	0.1	0.05	
			<b>Found:</b>	<input type="text"/>	<b>0.0404</b>	1.496		0.0578	0.126	0.0536	
	62028	19-06-12									
			Brand: 'ProCare All Purpose								
			<b>Guarantee:</b>		4.6						
			<b>Found:</b>	<input type="text"/>	4.81						

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62045	10-08-08	Brand: 'Expert Gardener Azalea Camellia & Rhododendron Plant Food								
		<b>Guarantee:</b>	3	1	5			1.5	0.2	0.05
		<b>Found:</b>	7.268	3.954	8.124			2.866	0.308	0.0916
62535	16-04-08	Brand: 'Expert Gardener Tree and Shrub Plant Food								
		<b>Guarantee:</b>						1	0.2	0.05
		<b>Found:</b>						1.362	0.181	0.0557
62560	12-10-05	Brand: 'Expert Gardener Tomato & Vegetable								
		<b>Guarantee:</b>	3	2	7			1	0.2	0.05
		<b>Found:</b>	5.33	5.099	9.492			0.943	<b>0.0905</b>	<b>0.0201</b>
62561	12-05-07	Brand: 'Expert Gardener All Purpose								
		<b>Guarantee:</b>						0.5	0.2	0.05
		<b>Found:</b>						0.918	0.208	0.0552
62562	12-06-10	Brand: 'Expert Gardener Rose								
		<b>Guarantee:</b>	3	1	7			1	0.2	0.05
		<b>Found:</b>	6.451	3.437	7.356			1.848	0.227	0.0591
62878	29-00-05	Brand: 'Sta Green Lawn Fertilizer 29-0-5								
		<b>Guarantee:</b>						2		
		<b>Found:</b>						1.909		
62894	16-04-08	Brand: 'Evergreen Tree & Shrub Plant Food 16-4-8								
		<b>Guarantee:</b>						1		
		<b>Found:</b>						1.713		
62913	12-10-10	Brand: 'Ironite Plus								
		<b>Guarantee:</b>			9	0.02		2	0.1	0.1
		<b>Found:</b>			10.08	0.0226		2.838	0.114	0.969
Gro-Well Brands Inc Tempe ,AZ										
61429	07-05-07	Brand: 'Gro-Well All Purpose								
		<b>Guarantee:</b>	4							
		<b>Found:</b>	3.925							
61630	07-05-07	Brand: 'Gro-Well All Purpose								
		<b>Guarantee:</b>	4							
		<b>Found:</b>	3.871							
61816	07-05-07	Brand: 'Gro-Well Proven Organics All Purpose 7-5-7								
		<b>Guarantee:</b>	4							
		<b>Found:</b>	3.706							
Growmark Inc Bloomington ,IL										
62833	28-00-00									
		<b>Guarantee:</b>			5.0051					
		<b>Found:</b>			5.543					

Hancock County Farm Supply, Inc. Hawesville ,KY

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60603	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.4					
61543	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.49					
Helena Agri-Enterprises - Hazel Hazel ,KY										
60643	06-16-20									0.1006
		Guarantee:								
		Found:	<input type="text"/>							<b>0.0549</b>
60644	06-16-20									0.1006
		Guarantee:								
		Found:	<input type="text"/>							<b>0.0619</b>
60645	05-12-15									0.076
		Guarantee:								
		Found:	<input type="text"/>							0.101
60646	05-12-15									0.076
		Guarantee:								
		Found:	<input type="text"/>							0.113
Helena Agri-Enterprises - Hickman Hickman ,KY										
62277	08-00-37									0.1366
		Guarantee:			8.9516	0.0214				
		Found:	<input type="text"/>		9.876	0.0223				<b>0.0908</b>
62278	08-00-37									0.1366
		Guarantee:			8.9516	0.0214				
		Found:	<input type="text"/>		9.779	0.0222				0.1334
62279	10-11-30									0.0907
		Guarantee:			5.9864					
		Found:	<input type="text"/>		6.954					0.0838
62280	10-11-30									0.0907
		Guarantee:			5.9864					
		Found:	<input type="text"/>		6.85					0.0851
62281	19-29-00									
		Guarantee:			8.727					
		Found:	<input type="text"/>		9.145					
62282	19-29-00									
		Guarantee:			8.727					
		Found:	<input type="text"/>		9.446					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62283	10-11-30	<b>Guarantee:</b>			5.9864					0.0907
		<b>Found:</b>	<input type="text"/>		7.258					0.0971
62284	10-11-30	<b>Guarantee:</b>			5.9864					0.0909
		<b>Found:</b>	<input type="text"/>		6.888					<b>0.0378</b>
62285	10-16-26	<b>Guarantee:</b>			4.7929	0.0162				0.3804
		<b>Found:</b>	<input type="text"/>		5.499	0.0369				0.463
62286	10-16-26	<b>Guarantee:</b>			4.7929	0.0162				0.3804
		<b>Found:</b>	<input type="text"/>		5.331	0.0292				0.498
Helena Agri-Enterprises, LLC - Collierville Collierville ,TN										
60573	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.97					
60640	00-00-21	Brand: 'K Mag								
		<b>Guarantee:</b>		10.5	21					
		<b>Found:</b>	<input type="text"/>	11.16	23.42					
60920	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.3					
61333	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.3					
61334	00-00-22	Brand: 'K-Mag								
		<b>Guarantee:</b>		10.8	22					
		<b>Found:</b>	<input type="text"/>	11.75	21.23					
Helm Fertilizer Tampa ,FL										
61654	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.73					
Henry Farmers Cooperative - Murray Murray ,KY										
61331	29-08-10	<b>Guarantee:</b>			3.9955					
		<b>Found:</b>	<input type="text"/>		4.138					
61332	29-08-10	<b>Guarantee:</b>			3.9955					
		<b>Found:</b>	<input type="text"/>		3.838					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021



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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
61861	10-15-29									
		<b>Guarantee:</b>			4.4					
		<b>Found:</b>	<input type="text"/>		4.706					
61862	10-15-29									
		<b>Guarantee:</b>			4.4					
		<b>Found:</b>	<input type="text"/>		5.109					
61863	13-14-19									
		<b>Guarantee:</b>	0.1915		0.3191	0.0399				0.2393
		<b>Found:</b>	<input type="text" value="5.999"/>		0.917	0.0376				0.227
61864	13-00-33									
		<b>Guarantee:</b>	0.1518		6.3267	0.0316				0.1898
		<b>Found:</b>	<input type="text" value="0.285"/>		6.696	0.0328				0.198
61865	21-15-13									
		<b>Guarantee:</b>			5.3269					
		<b>Found:</b>	<input type="text"/>		5.852					
61866	28-06-17									
		<b>Guarantee:</b>	0.1417		0.2361	0.0295				0.1771
		<b>Found:</b>	<input type="text" value="0.241"/>		0.469	0.0310				0.194
Henry Farmers Cooperative - Paris Paris ,TN										
60825	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.14					
Hinton Mills at Cynthiana Cynthiana ,KY										
61296	34-00-00									
		<b>Guarantee:</b>			12					
		<b>Found:</b>	<input type="text"/>		11.4025					
61297	34-00-00									
		<b>Guarantee:</b>			12					
		<b>Found:</b>	<input type="text"/>		11.36					
61298	34-00-00									
		<b>Guarantee:</b>			12					
		<b>Found:</b>	<input type="text"/>		11.5					
61664	04-11-43									
		<b>Guarantee:</b>				0.3356				
		<b>Found:</b>	<input type="text"/>			0.2850				
61665	34-00-00									
		<b>Guarantee:</b>			12					
		<b>Found:</b>	<input type="text"/>		12.15					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
61666	18-00-24								
		<b>Guarantee:</b>		9.6					
		<b>Found:</b>	<input type="text"/>	10.75					
61668	34-00-00								
		<b>Guarantee:</b>		12					
		<b>Found:</b>	<input type="text"/>	12.19					
IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres ,M									
60524	05-04-04	Brand: 'Organics All Purpose							
		<b>Guarantee:</b>	8	1	1.4				
		<b>Found:</b>	<b>6.63</b>	1.334	2.267				
J. R. Peters Allentown ,PA									
62616	15-30-15	Brand: 'Jacks Classic Houseplant Special							
		<b>Guarantee:</b>			0.02	0.05	0.1	0.05	0.08
		<b>Found:</b>	<input type="text"/>		0.0218	0.0558	0.106	0.0554	0.0681
Janes Fertilizer & Farm Supply Columbia ,KY									
62706	23-00-22								
		<b>Guarantee:</b>		4.8906					
		<b>Found:</b>	<input type="text"/>	4.97					
62707	37-00-00								
		<b>Guarantee:</b>		8.8565					
		<b>Found:</b>	<input type="text"/>	8.68875					
62708	11-15-32								
		<b>Guarantee:</b>							0.1565
		<b>Found:</b>	<input type="text"/>						0.16
JM Fertilizer Tampa ,FL									
61448	00-00-00	Brand: 'Sulphur Bentonite							
		<b>Guarantee:</b>		90					
		<b>Found:</b>	<input type="text"/>	93.5					
Kentucky American Seeds - Hopkinsville Hopkinsville ,KY									
61873	05-00-00	Brand: 'Protect Plus Zn							
		<b>Guarantee:</b>							6
		<b>Found:</b>	<input type="text"/>						5.959
61874	05-18-07	Brand: 'Torque Complete							
		<b>Guarantee:</b>		1					0.45
		<b>Found:</b>	<input type="text"/>	1.179					0.4259
61876	07-24-06	Brand: 'Pin Point Ortho							
		<b>Guarantee:</b>		4					
		<b>Found:</b>	<input type="text"/>	3.933					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61877	14-14-05	Brand: 'Convoy Complete 14-14-5 with 4% S								
		<b>Guarantee:</b>			4					
		<b>Found:</b>	<input type="text"/>		3.616					
Kentucky American Seeds - Madisonville Madisonville ,KY										
62931	31-00-00									
		<b>Guarantee:</b>			0.7312	0.0366				
		<b>Found:</b>	<input type="text"/>		<b>0.3564</b>	<b>0.0135</b>				
Kentucky Fertilizer - Winchester Winchester ,KY										
60409	35-00-00	Brand: 'Ky Green								
		<b>Guarantee:</b>			9.5					
		<b>Found:</b>	<input type="text"/>		9.159					
61649	00-00-00	Brand: 'Boron 10%								
		<b>Guarantee:</b>				10				
		<b>Found:</b>	<input type="text"/>			9.38				
62490	18-24-12	Brand: 'Kentucky Green								
		<b>Guarantee:</b>						2		
		<b>Found:</b>	<input type="text"/>					<b>0.871</b>		
62493	24-05-11	Brand: 'Kentucky Green								
		<b>Guarantee:</b>						2		
		<b>Found:</b>	<input type="text"/>					2.866		
62660	00-10-30	Brand: 'Kentucky Green								
		<b>Guarantee:</b>				0.5				
		<b>Found:</b>	<input type="text"/>			<b>0.409</b>				
Knox Fertilizer Company Inc Knox ,IN										
61638	17-18-28	Brand: 'Schultz Tomato Food								
		<b>Guarantee:</b>				0.02	0.07	0.325	0.07	0.07
		<b>Found:</b>	<input type="text"/>			0.0211	0.0664	0.391	0.0595	0.0714
62858	20-20-20	Brand: 'Schultz All Purpose								
		<b>Guarantee:</b>				0.02	0.07	0.325	0.07	0.07
		<b>Found:</b>	<input type="text"/>			0.0201	0.07	0.376	<b>0.052</b>	0.0666
Lesco Inc. Cleveland ,OH										
61426	30-00-10	Brand: 'Lesco 30-0-10								
		<b>Guarantee:</b>						2	1	
		<b>Found:</b>	<input type="text"/>					2.38	1.008	
61944	24-00-03	Brand: 'Poly Opti 24-0-3								
		<b>Guarantee:</b>						3		
		<b>Found:</b>	<input type="text"/>					2.843		
Martin Operating Partnership LP Kilgore ,TX										

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60559	00-00-00	Brand: 'Disper-Sul 90%								
		<b>Guarantee:</b>			90					
		<b>Found:</b>	<input type="text"/>		92.92					
60870	00-00-00	Brand: 'Disper-Sul 90%								
		<b>Guarantee:</b>			90					
		<b>Found:</b>	<input type="text"/>		92.76					
62076	00-00-00	Brand: 'Martin 90%S Disper-Sul								
		<b>Guarantee:</b>			90					
		<b>Found:</b>	<input type="text"/>		90.46					
62505	00-00-00	Brand: 'Martin Disper-Sul Pastille								
		<b>Guarantee:</b>			90					
		<b>Found:</b>	<input type="text"/>		90.01					
62676	00-00-00	Brand: 'Martin DisPer-Sul 90%								
		<b>Guarantee:</b>			90					
		<b>Found:</b>	<input type="text"/>		89.85					
Mays Lick Mill Mayslick ,KY										
62048	23-00-00									
		<b>Guarantee:</b>			4.8					
		<b>Found:</b>	<input type="text"/>		5.394					
62049	00-00-57									
		<b>Guarantee:</b>				0.5085				
		<b>Found:</b>	<input type="text"/>			0.4610				
62061	40-00-00									
		<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		6.372					
62062	40-00-00									
		<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		6.445					
62063	42-00-00									
		<b>Guarantee:</b>			4					
		<b>Found:</b>	<input type="text"/>		4.773					
62064	08-09-14									
		<b>Guarantee:</b>			5.6471	0.098				0.1961
		<b>Found:</b>	<input type="text"/>		6.355	0.0904				0.232
62098	30-00-00									
		<b>Guarantee:</b>			15					
		<b>Found:</b>	<input type="text"/>		14.7					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	62099	42-00-00								
			<b>Guarantee:</b>		4					
			<b>Found:</b>	<input type="text"/>	4.182					
	62100	38-00-00								
			<b>Guarantee:</b>		8					
			<b>Found:</b>	<input type="text"/>	8.115					
	62789	17-04-18								
			<b>Guarantee:</b>		2.0882					
			<b>Found:</b>	<input type="text"/>	7.164					
	62790	17-04-18								
			<b>Guarantee:</b>		2.0882					
			<b>Found:</b>	<input type="text"/>	7.328					
	62791	17-04-18								
			<b>Guarantee:</b>		2.0882					
			<b>Found:</b>	<input type="text"/>	6.982					
Miracle-Gro Lawn Products, Inc. Marysville ,OH										
	61633	07-06-09	Brand: 'Miracle-Gro Performance Organics Edibles							
			<b>Guarantee:</b>	6	0.9	1.2				
			<b>Found:</b>	<input type="text" value="7.119"/>	1.05	2.456				
	61849	12-04-08	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>	<input type="text" value="8.724"/>	3.204	4.833	0.0614	1.182	0.414	0.121
Monty's Plant Food Louisville ,KY										
	61882	06-18-06	Brand: 'Monty s Zn Starter							
			<b>Guarantee:</b>			1				0.05
			<b>Found:</b>	<input type="text"/>		1.02				<b>0.009</b>
	62615	08-16-08	Brand: 'Plant Vantage Premium Growth							
			<b>Guarantee:</b>					0.3		0.05
			<b>Found:</b>	<input type="text"/>				0.299		0.0685
NOT IN USAPLANTS Lexington ,KY										
	62924	28-00-00								
			<b>Guarantee:</b>			3.9904				
			<b>Found:</b>	<input type="text"/>		<b>2.248</b>				
Nutrien Ag Solutions - Campbellsville Campbellsville ,KY										
	62427	17-16-10								
			<b>Guarantee:</b>	5.3688		4.3462				
			<b>Found:</b>	<input type="text" value="6.695"/>		5.074				
	62428	26-00-19								
			<b>Guarantee:</b>			5.9243				
			<b>Found:</b>	<input type="text"/>		<b>4.3528</b>				

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
62429	26-00-19	<b>Guarantee:</b>		5.9243					
		<b>Found:</b>	<input type="text"/>	5.958					
62433	25-00-18	<b>Guarantee:</b>		5.9279					
		<b>Found:</b>	<input type="text"/>	6.115					
Nutrien Ag Solutions - Clarkson Clarkson ,KY									
61437	06-21-28	<b>Guarantee:</b>		5.3471					
		<b>Found:</b>	<input type="text"/>	5.165					
61438	06-20-30	<b>Guarantee:</b>		4.9967					
		<b>Found:</b>	<input type="text"/>	4.848					
61439	06-20-30	<b>Guarantee:</b>		4.9967					
		<b>Found:</b>	<input type="text"/>	4.679					
61440	06-20-30	<b>Guarantee:</b>		4.9967					
		<b>Found:</b>	<input type="text"/>	4.845					
61442	17-17-20	<b>Guarantee:</b>		4.1678					
		<b>Found:</b>	<input type="text"/>	4.24					
61445	06-21-28	<b>Guarantee:</b>		5.3471					
		<b>Found:</b>	<input type="text"/>	5.232					
61446	06-20-30	<b>Guarantee:</b>		4.9967					
		<b>Found:</b>	<input type="text"/>	5.082					
Nutrien Ag Solutions - Clay Clay ,KY									
62384	07-24-24	<b>Guarantee:</b>		5.9968					
		<b>Found:</b>	<input type="text"/>	6.114					
62385	07-24-24	<b>Guarantee:</b>		5.9968					
		<b>Found:</b>	<input type="text"/>	6.142					
62388	07-24-24	<b>Guarantee:</b>		5.9968					
		<b>Found:</b>	<input type="text"/>	5.912					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
62389	07-24-24	<b>Guarantee:</b>		5.9968					
		<b>Found:</b>	<input type="text"/>	6.414					
62390	07-24-24	<b>Guarantee:</b>		5.9968					
		<b>Found:</b>	<input type="text"/>	6.182					
Nutrien Ag Solutions - Clinton Clinton ,KY									
61992	19-24-00	<b>Guarantee:</b>		11.3684					
		<b>Found:</b>	<input type="text"/>	11.44					
Nutrien Ag Solutions - Ekron Ekron ,KY									
62361	15-19-19	<b>Guarantee:</b>		4.7978					
		<b>Found:</b>	<input type="text"/>	5.35					
62362	15-19-19	<b>Guarantee:</b>		4.7978					
		<b>Found:</b>	<input type="text"/>	5.395					
62363	03-11-44	<b>Guarantee:</b>		2.7266					
		<b>Found:</b>	<input type="text"/>	3.154					
62364	21-16-14	<b>Guarantee:</b>		4.1176					
		<b>Found:</b>	<input type="text"/>	4.655					
62365	30-18-00	<b>Guarantee:</b>		4.5708					
		<b>Found:</b>	<input type="text"/>	5.079					
62366	22-15-15	<b>Guarantee:</b>		3.7643					
		<b>Found:</b>	<input type="text"/>	4.384					
62367	18-16-18	<b>Guarantee:</b>		4.0475					
		<b>Found:</b>	<input type="text"/>	4.479					
62368	07-23-26	<b>Guarantee:</b>		5.6733					
		<b>Found:</b>	<input type="text"/>	6.224					
62369	12-23-19	<b>Guarantee:</b>		5.8543					
		<b>Found:</b>	<input type="text"/>	6.244					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
62370	06-20-30								
		<b>Guarantee:</b>		5					
		<b>Found:</b>	<input type="text"/>	5.621					
Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY									
62189	07-18-33								
		<b>Guarantee:</b>	0.2727	1.8182	0.0273		0.0182		0.2727
		<b>Found:</b>	<input type="text" value="0.544"/>	2.926	0.0305		0.824		0.27
62190	07-18-33								
		<b>Guarantee:</b>	0.2727	1.8182	0.0273		0.0182		0.2727
		<b>Found:</b>	<input type="text" value="0.546"/>	2.845	0.0334		0.819		0.269
62191	17-15-20								
		<b>Guarantee:</b>		4					
		<b>Found:</b>	<input type="text"/>	4.449					
62192	17-15-20								
		<b>Guarantee:</b>		4					
		<b>Found:</b>	<input type="text"/>	4.434					
62195	07-18-33								
		<b>Guarantee:</b>	0.2727	1.8182	0.0273		0.0182		0.2727
		<b>Found:</b>	<input type="text" value="0.504"/>	2.602	0.0295		0.729		0.243
62196	07-18-33								
		<b>Guarantee:</b>	0.2727	1.8182	0.0273		0.0182		0.2727
		<b>Found:</b>	<input type="text" value="0.529"/>	2.811	0.0299		0.814		0.261
Nutrien Ag Solutions - Glasgow Glasgow ,KY									
61577	20-23-00								
		<b>Guarantee:</b>		12					
		<b>Found:</b>	<input type="text"/>	11.7158					
61578	16-10-21								
		<b>Guarantee:</b>		6.443					0.6711
		<b>Found:</b>	<input type="text"/>	8.401					<b>0.364</b>
61579	18-06-29								
		<b>Guarantee:</b>		1.5813					
		<b>Found:</b>	<input type="text"/>	1.884					
61580	22-11-20								
		<b>Guarantee:</b>		2.6373					
		<b>Found:</b>	<input type="text"/>	2.701					
61581	22-11-20								
		<b>Guarantee:</b>		2.6373					
		<b>Found:</b>	<input type="text"/>	2.891					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021



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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62265	20-08-24	<b>Guarantee:</b>			2.0325					
		<b>Found:</b>	<input type="text"/>		2.355					
62266	21-08-24	<b>Guarantee:</b>			2.0161					
		<b>Found:</b>	<input type="text"/>		2.405					
Nutrien Ag Solutions - Greeley Greeley ,CO										
60423	12-40-00	Brand: 'MES								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.664					
60527	12-40-00	Brand: 'MES10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.89					
60530	12-40-00	Brand: 'MES								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.447					
60538	12-40-00	Brand: 'MEZ								
		<b>Guarantee:</b>			10					1
		<b>Found:</b>	<input type="text"/>		9.964					0.933
60539	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.4088					
60564	12-40-00	Brand: 'MES10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.619					
60584	00-00-58	Brand: 'Aspire								
		<b>Guarantee:</b>				0.5				
		<b>Found:</b>	<input type="text"/>			0.4940				
60586	12-40-00	Brand: 'MES10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.53					
60605	12-40-00	Brand: 'MES10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		11.07					
60607	12-40-00	Brand: 'MES10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.43					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60797	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.525					
60798	00-00-22	Brand: 'Sul-Po-Mag								
		<b>Guarantee:</b>		11	22					
		<b>Found:</b>	<input type="text"/>	11.26	22.47					
60905	04-06-32	Brand: '4-6-32								
		<b>Guarantee:</b>			10	0.05				1.5
		<b>Found:</b>	<input type="text"/>		9.676	0.0972				<b>1.146</b>
60909	00-00-00	Brand: 'Sul4R Plus BZ								
		<b>Guarantee:</b>	18		16	0.5				1.5
		<b>Found:</b>	<input type="text" value="20.6137"/>		16.1236	0.4540				1.495
60946	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.233					
60947	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.7932					
60954	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.943					
61051	12-40-00	Brand: 'MES								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		9.512					
61109	12-40-00	Brand: 'Mes 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.64					
61112	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.32					
61144	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		11.29					
61147	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.14					
61148	00-00-00	Brand: 'Sul4R Plus								
		<b>Guarantee:</b>	17		17					
		<b>Found:</b>	<input type="text" value="16.238"/>		17.6					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	61176	12-40-00	Brand: 'MES 10 <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 10.22					
	61189	12-40-00	Brand: 'MES 10 <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 10.88					
	61496	00-00-58	Brand: 'Aspire <b>Guarantee:</b> <b>Found:</b> <input type="text"/>			0.5 0.468				
	61498	12-40-00	Brand: 'MES10 <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 9.667					
	61533	12-40-00	Brand: 'MES <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 10.24					
	61534	00-00-00	Brand: '90% Sulfur <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		90 91.37					
	61537	12-40-00	Brand: 'MES <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 10.68					
	61624	12-40-00	Brand: 'MES 10 <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 9.978					
	61660	00-00-22	Brand: 'KMag <b>Guarantee:</b> <b>Found:</b> <input type="text"/>	11 11.53	22 22.48					
	61745	12-40-00	Brand: 'MES <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 9.938					
	61753	12-40-00	Brand: 'MES <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 10.43					
	61755	12-40-00	Brand: 'MES <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		10 10.21					
	61912	00-00-21	Brand: 'KMag <b>Guarantee:</b> <b>Found:</b> <input type="text"/>	10 11.97	21 23.57					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61913	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 24.49					
61991	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 23.8856					
62162	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 24.08					
62163	12-40-00	Brand: 'MES10 <b>Guarantee:</b> <b>Found:</b>			10 10.4					
62164	00-00-00	Brand: 'Sul4RPlus B & Zn <b>Guarantee:</b> <b>Found:</b>	18 17.27		16 15.755	0.5 0.4840				1.5 1.565
62237	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 24.44					
62357	12-40-00	Brand: 'MES 10 <b>Guarantee:</b> <b>Found:</b>			10 10.73					
62695	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 23.83					
62698	00-00-00	Brand: 'Sul4R-Plus B & Zn <b>Guarantee:</b> <b>Found:</b>	18 21.2		16 16.24	0.5 0.4780				1.5 1.46
62699	12-40-00	Brand: 'MES 10 <b>Guarantee:</b> <b>Found:</b>			10 10.77					
62827	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 23.56					
62831	12-40-00	Brand: 'MES 10 <b>Guarantee:</b> <b>Found:</b>			10 10.97					
62880	12-40-00	Brand: 'MES 10 <b>Guarantee:</b> <b>Found:</b>			10 10.29					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62896	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>	<input type="text"/>		10.18					
Nutrien Ag Solutions - Hardin Hardin ,KY										
60790	06-20-30									
		<b>Guarantee:</b>			5					
		<b>Found:</b>	<input type="text"/>		4.716					
60791	06-20-30									
		<b>Guarantee:</b>			5					
		<b>Found:</b>	<input type="text"/>		4.765					
61853	06-20-30									
		<b>Guarantee:</b>			5					
		<b>Found:</b>	<input type="text"/>		5.547					
61854	06-20-30									
		<b>Guarantee:</b>			5					
		<b>Found:</b>	<input type="text"/>		5.678					
61856	06-20-30									
		<b>Guarantee:</b>			5					
		<b>Found:</b>	<input type="text"/>		5.797					
61859	06-20-30									
		<b>Guarantee:</b>			5					
		<b>Found:</b>	<input type="text"/>		5.322					
61860	06-20-30									
		<b>Guarantee:</b>			5					
		<b>Found:</b>	<input type="text"/>		5.199					
Nutrien Ag Solutions - Kevil Kevil ,KY										
61977	05-13-26									
		<b>Guarantee:</b>		4.3836	9.2055					
		<b>Found:</b>	<input type="text"/>	5.374	10.66					
62149	06-00-43									
		<b>Guarantee:</b>			6.7539					
		<b>Found:</b>	<input type="text"/>		6.72					
62150	12-18-23									
		<b>Guarantee:</b>			5.3333					
		<b>Found:</b>	<input type="text"/>		5.939					
62151	12-18-23									
		<b>Guarantee:</b>			5.3333					
		<b>Found:</b>	<input type="text"/>		6.156					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62158	13-12-25									
		<b>Guarantee:</b>			4.0962					
		<b>Found:</b>	<input type="text"/>		4.6					
Nutrien Ag Solutions - Lebanon Lebanon ,KY										
62577	20-15-15									
		<b>Guarantee:</b>			4.8783					
		<b>Found:</b>	<input type="text"/>		4.885					
62578	20-15-15									
		<b>Guarantee:</b>			4.8869					
		<b>Found:</b>	<input type="text"/>		5.142					
62579	20-15-15									
		<b>Guarantee:</b>			4.8869					
		<b>Found:</b>	<input type="text"/>		5.211					
62580	27-09-15									
		<b>Guarantee:</b>			1.754					
		<b>Found:</b>	<input type="text"/>		1.985					
62581	20-15-15									
		<b>Guarantee:</b>			4.8873					
		<b>Found:</b>	<input type="text"/>		5.349					
62584	26-08-15									
		<b>Guarantee:</b>			3.0733					
		<b>Found:</b>	<input type="text"/>		3.33					
62585	26-08-15									
		<b>Guarantee:</b>			3.0733					
		<b>Found:</b>	<input type="text"/>		3.247					
62586	26-08-15									
		<b>Guarantee:</b>			3.0733					
		<b>Found:</b>	<input type="text"/>		3.114					
Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY										
62653	12-00-00	Brand: 'ATS								
		<b>Guarantee:</b>			26					
		<b>Found:</b>	<input type="text"/>		25.77					
62927	31-00-00									
		<b>Guarantee:</b>			0.7571			0.0111	0.0022	0.0022
		<b>Found:</b>	<input type="text"/>		1.712			0.0197	0.0065	0.0057
62929	28-00-00									
		<b>Guarantee:</b>			3.2638					
		<b>Found:</b>	<input type="text"/>		3.123					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
62930	30-00-00			1.6823			0.0247	0.0049	0.00407
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	<b>1.236</b>			<b>0.0132</b>	0.00489	0.0023
Nutrien Ag Solutions - Morganfield Morganfield ,KY									
60721	06-19-33			2.738					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	2.81					
60722	06-19-33			2.7384					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	2.949					
60723	06-19-33			2.7384					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	2.879					
60724	06-19-33			2.7384					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	3.212					
60725	06-19-33			2.7384					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	3.057					
60726	06-19-33			2.7384					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	2.98					
60727	06-19-33			2.7384					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	3.162					
60728	06-19-33			2.7384					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	3.095					
60729	06-19-33			2.738					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	3.086					
60730	06-19-33			2.738					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	2.841					
Nutrien Ag Solutions - Pembroke Pembroke ,KY									
60713	04-13-19			2.3935					
		<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	2.76					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
60714	04-13-19									
		<b>Guarantee:</b>			2.3935					
		<b>Found:</b>	<input type="text"/>		2.599					
60715	04-13-19									
		<b>Guarantee:</b>			2.3935					
		<b>Found:</b>	<input type="text"/>		2.596					
60716	04-13-19									
		<b>Guarantee:</b>			2.3935					
		<b>Found:</b>	<input type="text"/>		3.243					
60717	15-43-00									
		<b>Guarantee:</b>			4.9971					0.4997
		<b>Found:</b>	<input type="text"/>		5.326					0.458
60718	15-43-00									
		<b>Guarantee:</b>			4.9971					0.4997
		<b>Found:</b>	<input type="text"/>		5.387					0.456
Nutrien Ag Solutions - Riverport Owensboro ,KY										
62300	15-19-19									
		<b>Guarantee:</b>			4.8467					
		<b>Found:</b>	<input type="text"/>		5.487					
62301	06-20-30									
		<b>Guarantee:</b>			5.045					
		<b>Found:</b>	<input type="text"/>		5.67					
62406	41-00-00									
		<b>Guarantee:</b>			4.554					
		<b>Found:</b>	<input type="text"/>		4.599					
62407	41-00-00									
		<b>Guarantee:</b>			4.565					
		<b>Found:</b>	<input type="text"/>		4.682					
Nutrien Ag Solutions - Sacramento Sacramento ,KY										
62647	05-14-36									
		<b>Guarantee:</b>	0.2283	0.1142	6.1986		0.2283			
		<b>Found:</b>	<input type="text" value="0.273"/>	0.338	<b>1.26</b>		<b>0.0129</b>			
Nutrien Ag Solutions - Sedalia Sedalia ,KY										
60792	00-00-52									
		<b>Guarantee:</b>		2.2	4.4					
		<b>Found:</b>	<input type="text"/>	2.317	4.46					
60793	00-00-52									
		<b>Guarantee:</b>		2.2	4.4					
		<b>Found:</b>	<input type="text"/>	2.282	4.529					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021



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

Manufacturer		Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
60794		00-00-52									
	<b>Guarantee:</b>			2.2	4.4						
	<b>Found:</b>	<input type="text"/>	2.27	4.571							
61793		00-00-49									
	<b>Guarantee:</b>			3.3	6.6						
	<b>Found:</b>	<input type="text"/>	3.355	6.74							
62205		08-00-37									
	<b>Guarantee:</b>				9.2084						
	<b>Found:</b>	<input type="text"/>			9.232						
62208		04-12-36									
	<b>Guarantee:</b>			1.6615	6.4615						
	<b>Found:</b>	<input type="text"/>	2.412	8.09							
62209		04-12-36									
	<b>Guarantee:</b>			1.6615	6.4615						
	<b>Found:</b>	<input type="text"/>	2.326	7.774							
Nutrien Ag Solutions - Shelbyville Shelbyville ,KY											
62167		28-08-13									
	<b>Guarantee:</b>				2.1124						
	<b>Found:</b>	<input type="text"/>			2.416						
62168		09-12-14									
	<b>Guarantee:</b>		1.9205		1.7071	0.0533					0.16
	<b>Found:</b>	<input type="text"/>	12.55		2.357	0.0595					0.153
62169		12-06-10									
	<b>Guarantee:</b>				1.4702						
	<b>Found:</b>	<input type="text"/>			1.818						
62536		17-04-15									
	<b>Guarantee:</b>		1.9243		1.7105	0.0535					0.1604
	<b>Found:</b>	<input type="text"/>	10.44		2.01	0.0510					0.18
62537		17-04-15									
	<b>Guarantee:</b>		1.9243		1.7105	0.0535					0.1604
	<b>Found:</b>	<input type="text"/>	10.61		1.966	0.0498					0.165
62538		17-04-15									
	<b>Guarantee:</b>		1.9243		1.7105	0.0535					0.1604
	<b>Found:</b>	<input type="text"/>	10.89		2.016	0.0520					0.172
62539		05-17-34									
	<b>Guarantee:</b>				4.2857						
	<b>Found:</b>	<input type="text"/>			4.27						

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
62689	18-07-16	<b>Guarantee:</b>	4.3636	3.8787	0.1212				0.3636
		<b>Found:</b>	4.107	5.492	0.1010				<b>0.305</b>
62690	21-04-13	<b>Guarantee:</b>	1.7287	2.4971	0.048				0.1441
		<b>Found:</b>	7.591	2.836	0.0522				0.149
62691	21-04-13	<b>Guarantee:</b>	1.7287	2.4971	0.048				0.1441
		<b>Found:</b>	7.316	2.692	0.0515				0.146
62692	21-04-13	<b>Guarantee:</b>	1.7287	2.4971	0.048				0.1441
		<b>Found:</b>	7.445	2.856	0.0523				0.145
62700	23-03-23	<b>Guarantee:</b>		5.439					
		<b>Found:</b>		5.339					
Nutrien Ag Solutions - Upton Upton ,KY									
61842	18-09-27	<b>Guarantee:</b>		2.2254					
		<b>Found:</b>		2.548					
62276	15-20-17	<b>Guarantee:</b>		5.1136					
		<b>Found:</b>		5.475					
Nutrien Ag Solutions - Waverly Waverly ,KY									
60757	06-19-31	<b>Guarantee:</b>		4.6641	0.1333				
		<b>Found:</b>		5.04	0.1320				
60758	06-19-31	<b>Guarantee:</b>		4.6641	0.1333				
		<b>Found:</b>		4.979	0.1240				
60759	06-19-31	<b>Guarantee:</b>		4.6642	0.1333				
		<b>Found:</b>		4.89	0.1360				
60760	06-19-31	<b>Guarantee:</b>		4.6642	0.1333				
		<b>Found:</b>		5.092	0.1230				
60761	06-19-31	<b>Guarantee:</b>		4.6642	0.1333				
		<b>Found:</b>		4.792	0.1290				

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
60762	05-16-35	<b>Guarantee:</b>		3.9353	0.1963				0.0251
		<b>Found:</b>	<input type="text"/>	3.864	0.1980				0.0574
60763	05-16-35	<b>Guarantee:</b>		3.9355	0.1962				0.0262
		<b>Found:</b>	<input type="text"/>	3.906	0.1890				0.0563
60764	05-16-35	<b>Guarantee:</b>		3.937	0.1476				
		<b>Found:</b>	<input type="text"/>	3.73	0.1440				
60765	05-16-35	<b>Guarantee:</b>		3.937	0.1476				
		<b>Found:</b>	<input type="text"/>	3.973	0.1420				
60766	05-16-35	<b>Guarantee:</b>		3.937	0.1476				
		<b>Found:</b>	<input type="text"/>	3.863	0.1540				
Nutrien Ag Solutions Inc Henderson ,KY									
62921	31-00-00	<b>Guarantee:</b>		0.9381			0.0138	0.0028	0.0028
		<b>Found:</b>	<input type="text"/>	0.984			0.0122	0.0051	0.0033
Otis Bryant & Son, Inc. Caneyville ,KY									
61883	17-17-17	<b>Guarantee:</b>		5.16					
		<b>Found:</b>	<input type="text"/>	6.22					
61884	38-00-00	<b>Guarantee:</b>		8					
		<b>Found:</b>	<input type="text"/>	7.793					
61885	38-00-00	<b>Guarantee:</b>		8					
		<b>Found:</b>	<input type="text"/>	7.57					
62142	17-17-17	<b>Guarantee:</b>		5.16					
		<b>Found:</b>	<input type="text"/>	4.801					
62143	15-15-22	<b>Guarantee:</b>		4.4935					
		<b>Found:</b>	<input type="text"/>	4.8049					
62144	16-16-21	<b>Guarantee:</b>		3.4043					
		<b>Found:</b>	<input type="text"/>	4.86					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
62145	19-11-24	<b>Guarantee:</b>		1.8462					
		<b>Found:</b>	<input type="text"/>	2.342					
62147	19-17-13	<b>Guarantee:</b>		5.871	0.0667				
		<b>Found:</b>	<input type="text"/>	6.867	0.0749				
62148	17-17-18	<b>Guarantee:</b>		5.0097					
		<b>Found:</b>	<input type="text"/>	4.6					
Parker Farm Supply Port Royal ,KY									
61374	06-16-36	<b>Guarantee:</b>		4.2857					
		<b>Found:</b>	<input type="text"/>	4.688					
61375	06-16-36	<b>Guarantee:</b>							
		<b>Found:</b>	<input type="text"/>	5.634					
62545	05-24-31	<b>Guarantee:</b>		2.2632					
		<b>Found:</b>	<input type="text"/>	3.073					
62546	05-24-31	<b>Guarantee:</b>		2.2632					
		<b>Found:</b>	<input type="text"/>	3.01					
62547	05-24-31	<b>Guarantee:</b>		2.2632					
		<b>Found:</b>	<input type="text"/>	3.038					
62548	05-24-31	<b>Guarantee:</b>		2.2632					
		<b>Found:</b>	<input type="text"/>	2.959					
62549	05-24-31	<b>Guarantee:</b>		2.2632					
		<b>Found:</b>	<input type="text"/>	2.807					
Parrish Shop & Sales, LLC Henderson ,KY									
61532	07-24-06	Brand: '7-24-6 Plus 4% Sulfur Parrish Ortho Max							
		<b>Guarantee:</b>		4					
		<b>Found:</b>	<input type="text"/>	4.081					
Patriot Ag LLC - Clinton Clinton ,KY									
61993	12-17-22	<b>Guarantee:</b>		6					
		<b>Found:</b>	<input type="text"/>	6.847					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61994	12-17-22									
		<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		6.686					
61995	12-17-22									
		<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		6.771					
61996	12-17-22									
		<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		6.583					
61997	12-17-22									
		<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		6.81					
Patriot Ag LLC - Mayfield Mayfield ,KY										
60664	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.72					
Perfect Blend LLC Bellevue ,WA										
61200	04-04-02	Brand: 'Perfect Blend Organics 4-4-2								
		<b>Guarantee:</b>	7	0.7	1.5					
		<b>Found:</b>	<input type="text" value="13.97"/>	0.807	1.24					
Plantation Products, Inc. Norton ,MA										
61016	04-04-04	Brand: 'Superthrive All Purpose Fertilizer								
		<b>Guarantee:</b>	9					0.2		
		<b>Found:</b>	<input type="text" value="8.764"/>					0.518		
Prewitt Farm Supply, Inc. Williamsburg ,KY										
60419	20-10-20	Brand: '20-10-20								
		<b>Guarantee:</b>		0.5	1	0.017				0.015
		<b>Found:</b>	<input type="text"/>	0.637	1.439	0.0208				0.0147
Pro Ag Sales & Service - Danville Danville ,KY										
61602	22-11-18									
		<b>Guarantee:</b>			2.7692					
		<b>Found:</b>	<input type="text"/>		3.128					
61959	35-00-07									
		<b>Guarantee:</b>			5.3177					
		<b>Found:</b>	<input type="text"/>		5.085					
61960	35-00-07									
		<b>Guarantee:</b>			5.3177					
		<b>Found:</b>	<input type="text"/>		5.223					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
61961	35-00-07	Guarantee:		5.3177					
		Found:	<input type="text"/>	4.9006					
61962	14-06-18	Guarantee:		1.375	2.75				
		Found:	<input type="text"/>	1.6575	4.8168				
Pro Solutions - Crofton Crofton ,KY									
60651	07-24-24	Guarantee:		5.4274					
		Found:	<input type="text"/>	5.633					
60652	07-24-24	Guarantee:		5.4324					
		Found:	<input type="text"/>	5.868					
60653	07-24-24	Guarantee:		5.4201					
		Found:	<input type="text"/>	5.384					
60654	07-24-25	Guarantee:		5.3971					
		Found:	<input type="text"/>	5.503					
60655	07-24-24	Guarantee:		5.2897					
		Found:	<input type="text"/>	5.514					
60656	07-24-24	Guarantee:		5.3399					
		Found:	<input type="text"/>	5.444					
61562	08-25-25	Guarantee:		4.0412					0.4041
		Found:	<input type="text"/>	4.93					0.413
61563	08-25-25	Guarantee:		4.0368					0.4037
		Found:	<input type="text"/>	4.622					0.386
Pro Solutions - Hiseville Hiseville ,KY									
61301	24-07-18	Guarantee:		3.6923					
		Found:	<input type="text"/>	<b>0.334</b>					
61302	24-07-18	Guarantee:		3.6923					
		Found:	<input type="text"/>	<b>0.334</b>					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61304	24-07-18	Guarantee:			3.6923					
		Found:	<input type="text"/>		<b>0.317</b>					
61310	20-11-24	Guarantee:				0.1809				
		Found:	<input type="text"/>			0.274				
Pro Solutions - Springfield Springfield ,TN										
60415	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.68					
60659	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.99					
60838	12-40-00	Brand: 'MESZ								
		Guarantee:			10					1
		Found:	<input type="text"/>		11.07					0.913
Reliance Ag - Russellville Russellville ,KY										
60784	09-22-26	Guarantee:		1.659	3.3179					
		Found:	<input type="text"/>	1.887	4.106					
60785	09-22-26	Guarantee:		1.659	3.3179					
		Found:	<input type="text"/>	1.931	4.188					
60786	09-22-26	Guarantee:		1.659	3.3179					
		Found:	<input type="text"/>	2.118	4.488					
60787	09-22-26	Guarantee:		1.659	3.3179					
		Found:	<input type="text"/>	2.018	4.219					
62102	08-20-29	Guarantee:		1.5	3.0714					
		Found:	<input type="text"/>	1.775	3.862					
62103	08-20-29	Guarantee:		1.5	3.0714					
		Found:	<input type="text"/>	2.008	4.364					
62104	09-23-24	Guarantee:		1.5	3.0714					
		Found:	<input type="text"/>	1.91	4.086					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
62105	09-23-25	<b>Guarantee:</b>		1.5	3.0714					
		<b>Found:</b>	<input type="text"/>	1.867	3.998					
62106	09-23-25	<b>Guarantee:</b>		1.5	3.0714					
		<b>Found:</b>	<input type="text"/>	1.852	3.994					
Rogers Fertilizer & Services LLC Lebanon ,KY										
61476	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.92					
62470	09-17-27	<b>Guarantee:</b>			3.2121	0.0606			0.303	0.2424
		<b>Found:</b>	<input type="text"/>		3.985	0.0849			0.433	0.48
62471	18-05-07	<b>Guarantee:</b>			4					
		<b>Found:</b>	<input type="text"/>		4.562					
62472	41-00-00	<b>Guarantee:</b>			5.1267					
		<b>Found:</b>	<input type="text"/>		5.249					
62473	10-17-28	<b>Guarantee:</b>			3.9906					
		<b>Found:</b>	<input type="text"/>		5.408					
62474	27-08-10	<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		5.989					
62475	02-00-14	<b>Guarantee:</b>			2.0065	0.0398			0.1593	0.1593
		<b>Found:</b>	<input type="text"/>		2.407	0.06			0.312	0.356
62476	02-00-14	<b>Guarantee:</b>			2.0065	0.0398			0.1593	0.1593
		<b>Found:</b>	<input type="text"/>		2.484	0.0631			0.324	0.399
62477	02-00-14	<b>Guarantee:</b>			2.0065	0.0398			0.1593	0.1593
		<b>Found:</b>	<input type="text"/>		2.448	0.0585			0.286	0.404
62480	27-08-10	<b>Guarantee:</b>			6					
		<b>Found:</b>	<input type="text"/>		6.175					

Rootblast International INC Canton ,OH

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021



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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61074	02-01-02	Brand: 'Root Blast 2-1-2								
		<b>Guarantee:</b>	13.8	7.5	1.88		0.05	2.47	0.12	0.15
		<b>Found:</b>	16.42	9.719	2.152		0.0688	3.398	0.275	0.178
SBM Life Science Corporation Cary ,NC										
62901	22-00-04	Brand: 'Bio Advanced 5 in 1 Weed and Feed 22-0-4								
		<b>Guarantee:</b>			1.36					
		<b>Found:</b>			2.372					
Scotts Miracle-Gro Products Inc Marysville ,OH										
62032	24-08-16	Brand: 'Miracle-Gro								
		<b>Guarantee:</b>				0.02	0.07	0.15	0.05	0.06
		<b>Found:</b>				0.0299	0.0858	0.207	0.0587	0.0792
Simplot AB Retail Sub Inc Boise ,ID										
60590	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			25.1					
60895	00-00-00	Brand: 'Sul4R-Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	21.7929		16.96					
60897	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			23.12					
61093	00-00-00	Brand: 'Sul4R Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	22.5		16.7					
61094	00-00-00	Brand: 'Sul4R Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	22.6		16.9					
61095	21-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			23.41					
61231	00-00-00	Brand: 'Sul4R Plus								
		<b>Guarantee:</b>	21		17					
		<b>Found:</b>	21.76		17.26					
61233	21-00-00	Brand: 'AMS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			23.5					
61417	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			24.4					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62868	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.24					
Simplot Grower Solutions - Franklin Franklin ,KY										
60753	05-14-16									
		<b>Guarantee:</b>	2.057		1.6652					
		<b>Found:</b>	<input type="text" value="2.235"/>		2.145					
60754	05-14-16									
		<b>Guarantee:</b>	2.057		1.6652					
		<b>Found:</b>	<input type="text" value="2.243"/>		2.169					
Simplot Grower Solutions - Fancy Farm Fancy Farm ,KY										
62181	12-16-28									
		<b>Guarantee:</b>			2.88					
		<b>Found:</b>	<input type="text"/>		3.132					
62182	12-16-28									
		<b>Guarantee:</b>			2.88					
		<b>Found:</b>	<input type="text"/>		2.966					
62183	21-13-17									
		<b>Guarantee:</b>			3.4286					
		<b>Found:</b>	<input type="text"/>		4.457					
62184	21-13-17									
		<b>Guarantee:</b>			3.4286					
		<b>Found:</b>	<input type="text"/>		3.883					
62185	12-16-28									
		<b>Guarantee:</b>			2.88					
		<b>Found:</b>	<input type="text"/>		3.344					
62186	12-16-28									
		<b>Guarantee:</b>			2.88					
		<b>Found:</b>	<input type="text"/>		3.817					
62187	21-13-17									
		<b>Guarantee:</b>			3.4286					
		<b>Found:</b>	<input type="text"/>		4.162					
62188	21-13-17									
		<b>Guarantee:</b>			3.4286					
		<b>Found:</b>	<input type="text"/>		4.184					
Simplot Grower Solutions - Glasgow Glasgow ,KY										
61890	39-00-00									
		<b>Guarantee:</b>			7.0588					
		<b>Found:</b>	<input type="text"/>		7.406					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
61891	39-00-00	<b>Guarantee:</b>		7.0588					
		<b>Found:</b>	<input type="text"/>	6.675					
61999	22-15-19	<b>Guarantee:</b>			0.0174				0.0369
		<b>Found:</b>	<input type="text"/>		0.0233				0.0554
62000	22-15-19	<b>Guarantee:</b>			0.0174				0.0369
		<b>Found:</b>	<input type="text"/>		0.0201				0.0345
62001	22-15-19	<b>Guarantee:</b>			0.0174				0.0369
		<b>Found:</b>	<input type="text"/>		0.0233				0.0307
Simplot Grower Solutions - Hartford Hartford ,KY									
62410	35-00-00	<b>Guarantee:</b>		10.2751					
		<b>Found:</b>	<input type="text"/>	11.16					
62411	35-00-00	<b>Guarantee:</b>		10.2751					
		<b>Found:</b>	<input type="text"/>	10.95					
62630	34-00-00	<b>Guarantee:</b>		12					
		<b>Found:</b>	<input type="text"/>	12.23					
Simplot Grower Solutions - Russellville Russellville ,KY									
60744	08-20-22	<b>Guarantee:</b>	4.2	3.4					
		<b>Found:</b>	<input type="text" value="4.621"/>	3.795					
60745	09-24-21	<b>Guarantee:</b>	2.9959	2.4252					
		<b>Found:</b>	<input type="text" value="3.231"/>	3.008					
60746	09-24-21	<b>Guarantee:</b>	2.9959	2.4252					
		<b>Found:</b>	<input type="text" value="3.308"/>	3.195					
60747	09-24-21	<b>Guarantee:</b>	2.9959	2.4252					
		<b>Found:</b>	<input type="text" value="3.229"/>	3.144					
60748	08-20-22	<b>Guarantee:</b>	4.2	3.4					
		<b>Found:</b>	<input type="text" value="4.059"/>	3.722					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60749	08-20-22									
		<b>Guarantee:</b>	4.2		3.4					
		<b>Found:</b>	4.314		3.929					
60750	08-20-22									
		<b>Guarantee:</b>	4.2		3.4					
		<b>Found:</b>	4.315		3.913					
Southern FS Inc - Hickman Hickman ,KY										
61983	16-16-21									
		<b>Guarantee:</b>			4.6974					
		<b>Found:</b>			5.7					
61984	16-16-21									
		<b>Guarantee:</b>			4.6974					
		<b>Found:</b>			5.549					
61985	16-16-21									
		<b>Guarantee:</b>			4.6974					
		<b>Found:</b>			5.993					
61986	16-16-21									
		<b>Guarantee:</b>			4.6974					
		<b>Found:</b>			5.793					
61987	13-15-20									
		<b>Guarantee:</b>			8					
		<b>Found:</b>			9.103					
61988	13-15-20									
		<b>Guarantee:</b>			8					
		<b>Found:</b>			9.079					
Southern FS, INC Marion ,IL										
60480	12-40-00	Brand: 'MES 10								
		<b>Guarantee:</b>			10					
		<b>Found:</b>			10.53					
60883	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			23.68					
60885	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			23.09					
60927	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>			24.01					
Southern States - Bowling Green Bowling Green ,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								
60697	09-22-29	<b>Guarantee:</b>		2.9032					
		<b>Found:</b>	<input type="text"/>	2.5606					
60698	09-22-29	<b>Guarantee:</b>		2.9032					
		<b>Found:</b>	<input type="text"/>	3.309					
60699	09-22-29	<b>Guarantee:</b>		2.9032					
		<b>Found:</b>	<input type="text"/>	5.064					
60700	09-22-29	<b>Guarantee:</b>		2.9032					
		<b>Found:</b>	<input type="text"/>	4.242					
60779	09-22-29	<b>Guarantee:</b>		2.1951					
		<b>Found:</b>	<input type="text"/>	3.035					
60780	09-22-29	<b>Guarantee:</b>		2.1951					
		<b>Found:</b>	<input type="text"/>	2.704					
60781	09-22-29	<b>Guarantee:</b>		2.1951					
		<b>Found:</b>	<input type="text"/>	2.892					
60782	06-15-24	<b>Guarantee:</b>		1.4286					
		<b>Found:</b>	<input type="text"/>	1.952					
60783	06-15-24	<b>Guarantee:</b>		1.4286					
		<b>Found:</b>	<input type="text"/>	2.012					
Southern States - Cadiz Cadiz ,KY									
60647	13-20-20	<b>Guarantee:</b>		5.338					
		<b>Found:</b>	<input type="text"/>	5.92					
60648	13-20-20	<b>Guarantee:</b>		5.3077					
		<b>Found:</b>	<input type="text"/>	6.054					
60649	13-21-20	<b>Guarantee:</b>		5.3706					
		<b>Found:</b>	<input type="text"/>	6.178					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
60650	13-21-20									
			<b>Guarantee:</b>		5.4079					
			<b>Found:</b>		5.727					
60806	08-19-34									
			<b>Guarantee:</b>		1.4028					
			<b>Found:</b>		1.831					
60807	08-19-34									
			<b>Guarantee:</b>		1.33					
			<b>Found:</b>		2.122					
Southern States - Calhoun Calhoun ,KY										
62624	06-15-40									
			<b>Guarantee:</b>	0.0331	0.0629	0.0083			0.0331	0.0497
			<b>Found:</b>	0.17	0.654	0.0078			0.0254	0.0419
62625	06-15-40									
			<b>Guarantee:</b>	0.0331	0.0629	0.0083			0.0331	0.0497
			<b>Found:</b>	0.196	0.682	0.0110			0.0409	0.0657
62626	06-15-40									
			<b>Guarantee:</b>	0.0283	0.0538	0.0071			0.0283	0.0425
			<b>Found:</b>	0.173	0.645	0.0093			0.0277	0.0512
62627	06-15-40									
			<b>Guarantee:</b>	0.0328	0.0624	0.0082			0.0328	0.0493
			<b>Found:</b>	0.196	0.671	0.0128			0.0407	0.0631
Southern States - Campbellsville Campbellsville ,KY										
62425	26-13-11									
			<b>Guarantee:</b>		3.7621					
			<b>Found:</b>		4.264					
62426	25-11-14									
			<b>Guarantee:</b>		3.747					
			<b>Found:</b>		4.082					
62434	18-17-17									
			<b>Guarantee:</b>	0.0828	4.1327	0.0207			0.0828	0.1242
			<b>Found:</b>	0.31	4.856	0.04			0.132	0.205
62435	24-11-14									
			<b>Guarantee:</b>	0.0758	3.839	0.0189			0.0758	0.1136
			<b>Found:</b>	0.231	4.277	0.0262			0.101	0.146
62436	24-11-14									
			<b>Guarantee:</b>	0.0758	3.839	0.0189			0.0758	0.1136
			<b>Found:</b>	0.237	4.263	0.0272			0.102	0.144

Southern States - Cynthiana Cynthiana ,KY

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
61682	39-00-00	<b>Guarantee:</b>		6.8571					
		<b>Found:</b>	<input type="text"/>	6.582					
61683	19-05-19	<b>Guarantee:</b>		7.4276					
		<b>Found:</b>	<input type="text"/>	7.233					
61684	08-00-36	<b>Guarantee:</b>		9.5189	0.0184				0.2465
		<b>Found:</b>	<input type="text"/>	9.939	0.0175				<b>0.1973</b>
61685	38-00-00	<b>Guarantee:</b>		7.5					
		<b>Found:</b>	<input type="text"/>	6.9841					
61686	38-00-00	<b>Guarantee:</b>		8.0893					
		<b>Found:</b>	<input type="text"/>	7.8385					
61687	38-00-00	<b>Guarantee:</b>		8					
		<b>Found:</b>	<input type="text"/>	7.418					
61688	04-00-48	<b>Guarantee:</b>		4.7081	0.0472				
		<b>Found:</b>	<input type="text"/>	5.026	0.0386				
61689	04-00-48	<b>Guarantee:</b>		4.7885	0.0478				
		<b>Found:</b>	<input type="text"/>	4.847	0.0382				
61690	04-00-48	<b>Guarantee:</b>		4.7853	0.0478				
		<b>Found:</b>	<input type="text"/>	4.94	0.0408				
61691	04-00-48	<b>Guarantee:</b>		4.7853	0.0478				
		<b>Found:</b>	<input type="text"/>	4.859	0.0421				
62089	38-00-00	<b>Guarantee:</b>		7.9967					
		<b>Found:</b>	<input type="text"/>	7.927					
62091	11-13-27	<b>Guarantee:</b>		6.5879					
		<b>Found:</b>	<input type="text"/>	7.098					

Southern States - Elizabethtown Elizabethtown ,KY

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
61733	15-15-25									
			<b>Guarantee:</b>		2.9474					
			<b>Found:</b>	<input type="text"/>	3.079					
61734	15-15-25									
			<b>Guarantee:</b>		2.9474					
			<b>Found:</b>	<input type="text"/>	3.532					
Southern States - Elkton Elkton ,KY										
60681	08-20-29									
			<b>Guarantee:</b>	1.4347	2.8693					
			<b>Found:</b>	<input type="text"/>	1.79	3.899				
60682	08-20-29									
			<b>Guarantee:</b>	1.4347	2.8693					
			<b>Found:</b>	<input type="text"/>	1.704	3.558				
60683	10-26-21									
			<b>Guarantee:</b>		5.0943					
			<b>Found:</b>	<input type="text"/>	9.515					
60684	10-26-15									
			<b>Guarantee:</b>		9.25					
			<b>Found:</b>	<input type="text"/>	9.555					
60691	10-26-15									
			<b>Guarantee:</b>	2.0754	9.2484					
			<b>Found:</b>	<input type="text"/>	2.546	10.02				
60692	10-26-15									
			<b>Guarantee:</b>	2.0754	9.2484					
			<b>Found:</b>	<input type="text"/>	2.604	10.29				
60693	10-26-15									
			<b>Guarantee:</b>	2.0755	9.2453					
			<b>Found:</b>	<input type="text"/>	2.553	10.11				
60694	08-20-29									
			<b>Guarantee:</b>	1.4347	2.8693					
			<b>Found:</b>	<input type="text"/>	1.676	3.563				
60695	08-20-29									
			<b>Guarantee:</b>	1.4347	2.8693					
			<b>Found:</b>	<input type="text"/>	1.926	4.041				
60696	08-20-29									
			<b>Guarantee:</b>	1.4347	2.8693					
			<b>Found:</b>	<input type="text"/>	1.767	3.736				

Southern States - Eminence Eminence ,KY

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021



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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	61642	22-00-24	<b>Guarantee:</b>		4.757					
			<b>Found:</b>	<input type="text"/>	4.767					
	61643	23-00-24	<b>Guarantee:</b>		4.8					
			<b>Found:</b>	<input type="text"/>	4.904					
	61943	05-13-43	<b>Guarantee:</b>			0.0513				
			<b>Found:</b>	<input type="text"/>		0.0426				
Southern States - Flemingsburg Flemingsburg ,KY										
	62077	14-00-00	<b>Guarantee:</b>		3.6923					
			<b>Found:</b>	<input type="text"/>	3.981					
	62078	24-07-07	<b>Guarantee:</b>		12.1558					
			<b>Found:</b>	<input type="text"/>	11.9					
	62079	24-07-07	<b>Guarantee:</b>		12.1558					
			<b>Found:</b>	<input type="text"/>	12.34					
	62080	24-07-07	<b>Guarantee:</b>		12.1374					
			<b>Found:</b>	<input type="text"/>	12.41					
	62081	24-07-07	<b>Guarantee:</b>		12.1374					
			<b>Found:</b>	<input type="text"/>	13.43					
Southern States - Franklin Franklin ,KY										
	60673	10-25-24	<b>Guarantee:</b>		4.5768					
			<b>Found:</b>	<input type="text"/>	5.39					
	60674	10-25-24	<b>Guarantee:</b>		4.5768					
			<b>Found:</b>	<input type="text"/>	6.126					
	60675	10-25-24	<b>Guarantee:</b>		4.5768					
			<b>Found:</b>	<input type="text"/>	5.425					
	60679	09-23-26	<b>Guarantee:</b>		5.2171					
			<b>Found:</b>	<input type="text"/>	5.678					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
60680	09-23-26	<b>Guarantee:</b>		5.2171					
		<b>Found:</b>	<input type="text"/>	5.693					
60689	09-23-22	<b>Guarantee:</b>		2.3571	4.7143				
		<b>Found:</b>	<input type="text"/>	2.331	4.854				
60690	09-23-22	<b>Guarantee:</b>		2.3571	4.7143				
		<b>Found:</b>	<input type="text"/>	2.524	5.295				
Southern States - Georgetown Georgetown ,KY									
61431	03-00-00	<b>Guarantee:</b>		3.9894	0.0221				0.0907
		<b>Found:</b>	<input type="text"/>	6.06	0.03				<b>0.0259</b>
61433	05-00-40	<b>Guarantee:</b>		6.6401	0.0737				
		<b>Found:</b>	<input type="text"/>	6.732	0.0729				
61434	34-00-00	<b>Guarantee:</b>		8					
		<b>Found:</b>	<input type="text"/>	7.53					
61589	36-00-00	<b>Guarantee:</b>		6.6667					
		<b>Found:</b>	<input type="text"/>	6.1786					
61590	15-00-32	<b>Guarantee:</b>		4.7056					
		<b>Found:</b>	<input type="text"/>	4.453					
61591	15-00-32	<b>Guarantee:</b>		4.7056					
		<b>Found:</b>	<input type="text"/>	4.716					
61592	23-00-15	<b>Guarantee:</b>		7.5					
		<b>Found:</b>	<input type="text"/>	7.039					
61593	23-00-15	<b>Guarantee:</b>		7.5					
		<b>Found:</b>	<input type="text"/>	7.712					
61594	22-00-24	<b>Guarantee:</b>		4					
		<b>Found:</b>	<input type="text"/>	3.686					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
61595	17-00-25								
		<b>Guarantee:</b>		6.3031	0.023				0.0474
		<b>Found:</b>	<input type="text"/>	5.979	0.0233				0.0519
Southern States - Hardinsburg Hardinsburg ,KY									
62371	18-18-18								
		<b>Guarantee:</b>		3.5608					
		<b>Found:</b>	<input type="text"/>	4.467					
62374	20-10-20								
		<b>Guarantee:</b>		4.7599					
		<b>Found:</b>	<input type="text"/>	5.331					
62375	20-10-20								
		<b>Guarantee:</b>		4.7514					
		<b>Found:</b>	<input type="text"/>	5.757					
62376	20-10-20								
		<b>Guarantee:</b>		4.7514					
		<b>Found:</b>	<input type="text"/>	5.616					
62377	20-10-20								
		<b>Guarantee:</b>		4.7514					
		<b>Found:</b>	<input type="text"/>	5.636					
62379	09-16-32								
		<b>Guarantee:</b>		2.6229	0.0248				0.0783
		<b>Found:</b>	<input type="text"/>	3.48	0.0278				0.0675
62380	09-16-32								
		<b>Guarantee:</b>		2.6229	0.0248				0.0783
		<b>Found:</b>	<input type="text"/>	3.691	0.0266				0.0827
62381	18-18-18								
		<b>Guarantee:</b>		3.5608					
		<b>Found:</b>	<input type="text"/>	4.304					
Southern States - Henderson Henderson ,KY									
62414	09-23-25								
		<b>Guarantee:</b>		6.6812					0.1411
		<b>Found:</b>	<input type="text"/>	8.263					0.166
62418	15-17-13								
		<b>Guarantee:</b>		10.0381					
		<b>Found:</b>	<input type="text"/>	10.4					
62419	15-17-13								
		<b>Guarantee:</b>		10.0392					
		<b>Found:</b>	<input type="text"/>	10.91					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
62618	11-15-25									
		<b>Guarantee:</b>			6.0084					
		<b>Found:</b>	<input type="text"/>		6.358					
62619	11-15-25									
		<b>Guarantee:</b>			6.0167					
		<b>Found:</b>	<input type="text"/>		7.103					
Southern States - Hodgenville Hodgenville ,KY										
61360	17-07-29									
		<b>Guarantee:</b>			2.8615					
		<b>Found:</b>	<input type="text"/>		2.823					
61366	22-14-14									
		<b>Guarantee:</b>			4.3259					
		<b>Found:</b>	<input type="text"/>		4.1					
61370	17-07-29									
		<b>Guarantee:</b>			2.8615					
		<b>Found:</b>	<input type="text"/>		2.733					
Southern States - Hopkinsville Hopkinsville ,KY										
61558	17-16-19									
		<b>Guarantee:</b>			3.8886					
		<b>Found:</b>	<input type="text"/>		4.276					
61559	17-16-19									
		<b>Guarantee:</b>			4.0077					
		<b>Found:</b>	<input type="text"/>		4.486					
61560	17-16-19									
		<b>Guarantee:</b>			4.0079					
		<b>Found:</b>	<input type="text"/>		3.859					
62212	39-00-00									
		<b>Guarantee:</b>			6.2961					
		<b>Found:</b>	<input type="text"/>		6.232					
62217	12-24-24									
		<b>Guarantee:</b>								0.1818
		<b>Found:</b>	<input type="text"/>							<b>0.13</b>
Southern States - Horse Cave Horse Cave ,KY										
61586	18-13-22									
		<b>Guarantee:</b>			4.6619					0.518
		<b>Found:</b>	<input type="text"/>		5					0.4673
Southern States - London London ,KY										
61697	15-07-19									
		<b>Guarantee:</b>		1.1551						0.1925
		<b>Found:</b>	<input type="text"/>	1.25						0.2041

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
Southern States - Maysville Maysville ,KY										
62067	07-09-19									
		<b>Guarantee:</b>			4.1026					
		<b>Found:</b>	<input type="text"/>		4.694					
62068	04-11-39									
		<b>Guarantee:</b>		1.8331	3.6662					
		<b>Found:</b>	<input type="text"/>	1.845	3.64					
62069	04-11-39									
		<b>Guarantee:</b>		1.8331	3.6662					
		<b>Found:</b>	<input type="text"/>	2.216	4.534					
62070	04-11-39									
		<b>Guarantee:</b>		1.8331	3.6662					
		<b>Found:</b>	<input type="text"/>	2.131	4.203					
62071	04-11-39									
		<b>Guarantee:</b>		1.8331	3.6662					
		<b>Found:</b>	<input type="text"/>	2.039	4.039					
62073	41-00-00									
		<b>Guarantee:</b>			4.8446					
		<b>Found:</b>	<input type="text"/>		4.981					
62074	13-00-38									
		<b>Guarantee:</b>			3.4783					
		<b>Found:</b>	<input type="text"/>		3.759					
Southern States - Owensboro Owensboro ,KY										
61878	12-17-22									
		<b>Guarantee:</b>			6.4472					
		<b>Found:</b>	<input type="text"/>		7.565					
61879	13-17-21									
		<b>Guarantee:</b>			7.0448					
		<b>Found:</b>	<input type="text"/>		8.331					
61880	12-12-22									
		<b>Guarantee:</b>			8.9502					
		<b>Found:</b>	<input type="text"/>		10.19					
61881	12-10-24									
		<b>Guarantee:</b>			8.9362					
		<b>Found:</b>	<input type="text"/>		10.47					
Southern States - Owenton Owenton ,KY										
61769	34-00-00									
		<b>Guarantee:</b>			7.8753					
		<b>Found:</b>	<input type="text"/>		7.3542					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
62041	04-09-48	<b>Guarantee:</b>			0.087				
		<b>Found:</b>	<input type="text"/>		<b>0.0634</b>				
62042	12-12-30	<b>Guarantee:</b>		3.5714					
		<b>Found:</b>	<input type="text"/>	4.061					
Southern States - Richmond VA Richmond ,VA									
60442	00-00-22	Brand: 'SPM							
		<b>Guarantee:</b>		11	22				
		<b>Found:</b>	<input type="text"/>	11.83	23.49				
60512	00-00-22	Brand: 'SPM							
		<b>Guarantee:</b>		11	22				
		<b>Found:</b>	<input type="text"/>	11.13	22.16				
60544	16-01-00	Brand: 'SymTRX							
		<b>Guarantee:</b>			20				
		<b>Found:</b>	<input type="text"/>		19.3457				
60545	16-01-00	Brand: 'SymTRX							
		<b>Guarantee:</b>			20				
		<b>Found:</b>	<input type="text"/>		19.8906				
60552	16-01-00	Brand: 'SymTRX							
		<b>Guarantee:</b>			20				
		<b>Found:</b>	<input type="text"/>		19.5707				
60578	00-00-22	Brand: 'SPM							
		<b>Guarantee:</b>		11	22				
		<b>Found:</b>	<input type="text"/>	11.17	24.05				
60579	21-00-00	Brand: 'AS							
		<b>Guarantee:</b>			24				
		<b>Found:</b>	<input type="text"/>		24.62				
60610	16-01-00	Brand: 'SymTRX							
		<b>Guarantee:</b>			20				
		<b>Found:</b>	<input type="text"/>		19.52				
60611	21-00-00	Brand: 'AS							
		<b>Guarantee:</b>			24				
		<b>Found:</b>	<input type="text"/>		25.26				
60849	21-00-00	Brand: 'AMS							
		<b>Guarantee:</b>			24				
		<b>Found:</b>	<input type="text"/>		24.84				

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	60913	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		20 19.09					
	60973	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		20 20.1154					
	60979	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		20 19.06					
	60981	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		20 19.87					
	60986	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		24 24.15					
	60990	00-00-22	Brand: 'K Mag <b>Guarantee:</b> <b>Found:</b> <input type="text"/>	11 11.42	22 23.01					
	60994	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		23.85 24.84					
	61029	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		24 25.61					
	61054	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		24 23.4594					
	61064	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		20 19.0					
	61069	18-24-06	Brand: 'Greenlawn <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		1.2 2.105					
	61088	00-00-22	Brand: 'SPM <b>Guarantee:</b> <b>Found:</b> <input type="text"/>	11 11.34	22 22.11					
	61155	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b> <input type="text"/>		24 23.48					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61220	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b>			20 19.4					
61244	20-00-00	Brand: 'AMS <b>Guarantee:</b> <b>Found:</b>			24 23.22					
61249	21-00-00	Brand: 'AMS <b>Guarantee:</b> <b>Found:</b>			24 23.36					
61272	00-00-22	Brand: 'KMag <b>Guarantee:</b> <b>Found:</b>		11 10.95	22 21.07					
61274	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 23.36					
61321	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			23.8 23.2668					
61328	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			23.8 23.4302					
61363	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 23.3					
61386	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b>			20 19.2					
61393	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 23.59					
61489	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b>			20 19.4794					
61495	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>			24 23.19					
61528	16-01-00	Brand: 'SymTRX <b>Guarantee:</b> <b>Found:</b>			20 19.42					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021



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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
61922	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 23.16					
61955	20-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		23.5 23.39					
62095	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 23.28					
62347	18-24-06	Brand: 'Greenlawn Lawn Starter <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		1.2 2.4					
62453	00-00-22	Brand: 'KMag <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>	11 11.2	22 22.01					
62458	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 23.1951					
62682	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 24.3					
62758	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 24.38					
62769	21-00-00	Brand: 'AS <b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		24 23.55					
Southern States - Russellville Russellville ,KY										
60738	07-18-12	<b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		3.4748 4.059					
60739	07-18-12	<b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		3.4748 3.864					
60740	07-18-12	<b>Guarantee:</b> <b>Found:</b>	<input type="text"/>		3.4748 4.409					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	60741	09-23-25	Guarantee:	1.3756	2.7512					
			Found:	<input type="text"/>	1.64	3.345				
	60742	09-23-25	Guarantee:	1.375	2.75					
			Found:	<input type="text"/>	1.663	3.331				
	60743	11-12-32	Guarantee:		3.2					
			Found:	<input type="text"/>	3.771					
	60824	16-14-22	Guarantee:	1.701	3.4021					
			Found:	<input type="text"/>	1.893	4.144				
Southern States - Shelbyville Shelbyville ,KY										
	61381	10-18-24	Guarantee:							
			Found:	<input type="text"/>	4.668					
	61382	09-23-30	Guarantee:			0.1625				
			Found:	<input type="text"/>		<b>0.1230</b>				
	61383	21-21-00	Guarantee:	0.1249	7.745	0.0312			0.1249	0.1874
			Found:	<input type="text"/>	8.428	0.0523			0.118	0.456
	61384	21-21-00	Guarantee:	0.125	7.7375	0.0313			0.125	0.1875
			Found:	<input type="text"/>	8.153	0.0523			0.131	0.268
	61917	05-13-39	Guarantee:		6.6667					
			Found:	<input type="text"/>	7.403					
	61918	25-05-14	Guarantee:		7.2876					
			Found:	<input type="text"/>	8.576					
	61921	07-19-31	Guarantee:		0.4317	0.1439	0.3598	0.7196	0.3598	0.3598
			Found:	<input type="text"/>	1.225	0.1470	0.382	1.513	0.478	0.613
	62687	17-08-24	Guarantee:		8.5177					0.1098
			Found:	<input type="text"/>	9.437					0.0995

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
62688	15-07-27								
		<b>Guarantee:</b>		9.401					0.0581
		<b>Found:</b>	<input type="text"/>	9.978					0.0774
Southern States - Somerset Somerset ,KY									
61693	13-19-25								
		<b>Guarantee:</b>						0.0207	0.083
		<b>Found:</b>	<input type="text"/>					0.0149	0.07
61694	37-12-00								
		<b>Guarantee:</b>		3.8961	0.013			0.0173	0.0693
		<b>Found:</b>	<input type="text"/>	4.651	0.0281			0.0215	0.0722
Southern States - Springfield Springfield ,KY									
61945	26-07-10								
		<b>Guarantee:</b>		5.8065					
		<b>Found:</b>	<input type="text"/>	6.375					
61946	41-00-00								
		<b>Guarantee:</b>		4.5585					
		<b>Found:</b>	<input type="text"/>	4.434					
61947	41-00-00								
		<b>Guarantee:</b>		4.5524					
		<b>Found:</b>	<input type="text"/>	<b>1.887</b>					
61948	25-10-13								
		<b>Guarantee:</b>		5.0357					
		<b>Found:</b>	<input type="text"/>	5.579					
61950	42-00-00								
		<b>Guarantee:</b>		3.3571					
		<b>Found:</b>	<input type="text"/>	3.292					
61951	42-00-00								
		<b>Guarantee:</b>		3.3571					
		<b>Found:</b>	<input type="text"/>	3.713					
61952	42-00-00								
		<b>Guarantee:</b>		3.3571					
		<b>Found:</b>	<input type="text"/>	3.465					
61953	42-00-00								
		<b>Guarantee:</b>		3.3571					
		<b>Found:</b>	<input type="text"/>	3.571					
Southern States - Stanford Stanford ,KY									
61783	21-10-20								
		<b>Guarantee:</b>		3.5401					
		<b>Found:</b>	<input type="text"/>	3.946					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
61784	21-10-20									
		<b>Guarantee:</b>			3.5401					
		<b>Found:</b>	<input type="text"/>		3.579					
61785	21-10-20									
		<b>Guarantee:</b>			3.5408					
		<b>Found:</b>	<input type="text"/>		3.812					
61786	21-10-20									
		<b>Guarantee:</b>			3.5408					
		<b>Found:</b>	<input type="text"/>		3.964					
61787	17-15-19									
		<b>Guarantee:</b>			5.1064					
		<b>Found:</b>	<input type="text"/>		5.551					
61788	21-10-20									
		<b>Guarantee:</b>			3.5401					
		<b>Found:</b>	<input type="text"/>		3.855					
61789	21-10-20									
		<b>Guarantee:</b>			3.5401					
		<b>Found:</b>	<input type="text"/>		4.048					
Southern States - Warsaw Owenton ,KY										
61927	33-00-15									
		<b>Guarantee:</b>			1.3698					
		<b>Found:</b>	<input type="text"/>		1.343					
61934	33-00-15									
		<b>Guarantee:</b>			1.3714					
		<b>Found:</b>	<input type="text"/>		1.464					
61938	29-10-12									
		<b>Guarantee:</b>			1.0651					
		<b>Found:</b>	<input type="text"/>		1.472					
Southern States - Winchester Winchester ,KY										
62118	34-00-13									
		<b>Guarantee:</b>			2.9618				0.0143	0.1371
		<b>Found:</b>	<input type="text"/>		3.473				0.0124	0.17
62126	34-00-13									
		<b>Guarantee:</b>			2.9618				0.0143	0.1371
		<b>Found:</b>	<input type="text"/>		3.244				0.0178	0.169
62127	34-00-13									
		<b>Guarantee:</b>			2.9618				0.0143	0.1371
		<b>Found:</b>	<input type="text"/>		3.425				0.0165	0.179
Stanley Crop Service Owensboro ,KY										

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	61478	20-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		23.15					
SUL4R Plus, LLC Louisville ,KY	61423	00-00-00	Brand: 'Sul4R-Plus B+Z							
			Guarantee:	18	16	0.5	1.5			
			Found:	20.7	16.3	0.464	1.372			
	61424	00-00-00	Brand: 'Sul4R-Plus							
			Guarantee:	21	17					
			Found:	23.5	17.3					
	61447	00-00-00	Brand: 'Sul4R-Plus B+Zn							
			Guarantee:	18	16	0.5	1.5			
			Found:	18.8	16.2	0.448	1.35			
	62311	00-00-00	Brand: 'Sul4R-Plus							
			Guarantee:	21	17					
			Found:	21.4	17.2					
Sun Bulb Company, INC. Arcadia ,FL	61851	18-06-08	Brand: 'Dynamite Cactus & Succulent Food							
			Guarantee:		1.2	4	0.02	0.05	0.2	0.06
			Found:		1.917	5.125	0.0318	0.0696	0.461	0.122
	62556	20-14-13	Brand: 'Better Gro Orchid Plus							
			Guarantee:		1	0.02	0.05	0.2	0.05	0.05
			Found:		1.141	0.0525	0.0457	0.192	0.0458	0.0455
Swiss Farms Products Las Vegas ,NV	60992	12-05-07	Brand: 'Vigoro All Purpose Plant Food 12-5-7							
			Guarantee:			0.02	0.05	0.2	0.05	0.05
			Found:			0.0410	0.0531	0.722	0.108	0.185
	62671	12-05-07	Brand: 'Vigoro All Purpose							
			Guarantee:			0.02	0.05	0.2	0.05	0.05
			Found:			0.0278	<b>0.0348</b>	0.764	0.0903	0.148
	62672	12-06-10	Brand: 'Vigoro Rose Food							
			Guarantee:		1	9	0.02	0.05	1	0.05
			Found:		1.334	10.95	0.0447	0.0604	1.47	0.152
	62673	12-10-05	Brand: 'Vigoro Tomato & Vegetable Plus Calcium							
			Guarantee:	3	3	5	0.02	0.05	1	0.05
			Found:	9.449	3.708	6.797	0.0359	0.0477	1.72	0.122
	62903	12-10-05	Brand: 'Vigoro Tomato and Vegetable Garden Plant Food 12-10-5							
			Guarantee:	3	3	5	0.02	0.05	1	0.05
			Found:	9.384	3.84	6.644	0.0379	0.0459	1.65	0.115

The Scotts Company Marysville ,OH

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc	
	60424	32-00-10	Brand: 'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10								
			<b>Guarantee:</b>		6						
			<b>Found:</b>	<input type="text"/>	6.184						
	61635	32-00-04	Brand: 'Scotts Turf Builder								
			<b>Guarantee:</b>		7					2	
			<b>Found:</b>	<input type="text"/>	7.06					2.094	
	61850	15-09-12	Brand: 'Osmocote Plus Smart Release Outdoor & Indoor								
			<b>Guarantee:</b>		1.3	6	0.02	0.05	0.46	0.06	0.05
			<b>Found:</b>	<input type="text"/>	1.43	6.746	0.0314	0.0843	0.49	0.109	0.075
	61852	27-00-02	Brand: 'Scotts Green Max								
			<b>Guarantee:</b>		10					5	
			<b>Found:</b>	<input type="text"/>	11.12					5.728	
	62030	32-00-04	Brand: 'Scotts Turf Builder Lawn Food								
			<b>Guarantee:</b>		7					2	
			<b>Found:</b>	<input type="text"/>	6.954					2.178	
	62031	26-00-02	Brand: 'Scotts Green Max								
			<b>Guarantee:</b>		11					5.17	
			<b>Found:</b>	<input type="text"/>	11.49					5.349	
	62033	27-00-02	Brand: 'Scotts Green Max								
			<b>Guarantee:</b>		10					5	
			<b>Found:</b>	<input type="text"/>	11.68					4.787	
	62034	32-00-10	Brand: 'Scotts Turf Builder Southern Lawn Food								
			<b>Guarantee:</b>		4					2	
			<b>Found:</b>	<input type="text"/>	4.4					2.372	
	62035	32-00-04	Brand: 'Scotts Turf Builder								
			<b>Guarantee:</b>		7					2	
			<b>Found:</b>	<input type="text"/>	6.727					1.975	
	62558	12-04-08	Brand: 'Rose & Bloom								
			<b>Guarantee:</b>		2.2						
			<b>Found:</b>	<input type="text"/>	3.55						
	62559	10-10-10	Brand: 'Flower & Vegetable								
			<b>Guarantee:</b>		2						
			<b>Found:</b>	<input type="text"/>	2.856						
	62879	20-00-08	Brand: 'Turf Builder Summerguard Lawn Food 20-0-8-2								
			<b>Guarantee:</b>		2						
			<b>Found:</b>	<input type="text"/>	2.204						
	62900	21-22-04	Brand: 'Scotts Turf Builder Triple Action 21-22-4								
			<b>Guarantee:</b>		1					0.5	
			<b>Found:</b>	<input type="text"/>	2.606					1.25	

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

**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										
60495	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.38					
60852	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.87					
60857	00-00-20	Brand: 'KMag								
		<b>Guarantee:</b>		10.5	20.5					
		<b>Found:</b>	<input type="text"/>	10.22	21.3					
Tri-County Fertilizer Co., Inc. Richmond ,KY										
61760	34-00-00									
		<b>Guarantee:</b>			12					
		<b>Found:</b>	<input type="text"/>		13.38					
61763	25-00-15									
		<b>Guarantee:</b>			9					
		<b>Found:</b>	<input type="text"/>		8.9					
61764	09-08-32									
		<b>Guarantee:</b>			6.4286					
		<b>Found:</b>	<input type="text"/>		7.036					
61765	09-08-32									
		<b>Guarantee:</b>			6.4286					
		<b>Found:</b>	<input type="text"/>		6.907					
U.S. Borax Inc Chicago ,IL										
62506	00-00-00	Brand: 'Granubor 15% Boron								
		<b>Guarantee:</b>				15				
		<b>Found:</b>	<input type="text"/>			15.11				
Verdesian Life Sciences US LLC Cary ,NC										
61223	02-00-00	Brand: 'MicroSync Pro								
		<b>Guarantee:</b>	5		9.5	1.25			5	7.5
		<b>Found:</b>	<input type="text" value="7.785"/>		9.757	1.24			5.284	8.47
62451	02-00-00	Brand: 'MicroSync Pro								
		<b>Guarantee:</b>	5		9.5	1.25			5	7.5
		<b>Found:</b>	<input type="text" value="6.805"/>		9.53	1.457			6.151	8.22
Warner Fertilizer - Albany Albany ,KY										
62800	18-00-00									
		<b>Guarantee:</b>			4.788					
		<b>Found:</b>	<input type="text"/>		4.948					
Warner Fertilizer - Campbellsville Campbellsville ,KY										

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62802	10-16-29									
		Guarantee:			4.0976					
		Found:	<input type="text"/>		5.598					
62819	28-09-11									
		Guarantee:			1.7574	0.035	0.035		0.1748	0.6994
		Found:	<input type="text"/>		2.482	0.0348	0.0664		0.285	0.78
62916	28-12-12									
		Guarantee:			2.0491					
		Found:	<input type="text"/>		2.483					
62917	28-12-12									
		Guarantee:			2.0491					
		Found:	<input type="text"/>		1.988					
62919	34-00-00									
		Guarantee:			12					
		Found:	<input type="text"/>		<b>9.8501</b>					
Warner Fertilizer - Liberty Liberty ,KY										
62823	20-15-15									
		Guarantee:			4.3923					
		Found:	<input type="text"/>		4.477					
Warner Fertilizer - Monticello Monticello ,KY										
62244	09-23-27									
		Guarantee:			2.2463					0.8985
		Found:	<input type="text"/>		3.21					0.864
Warner Fertilizer - Somerset Somerset ,KY										
61126	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.73					
61154	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.01					
62466	28-10-13									
		Guarantee:			0.7714					
		Found:	<input type="text"/>		0.739					
62740	08-21-27									
		Guarantee:			1.5821					
		Found:	<input type="text"/>		2.174					
Warner Fertilizer - Tompkinsville Tompkinsville ,KY										
62171	39-00-00									
		Guarantee:			5.8537					
		Found:	<input type="text"/>		6.5475					

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021



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

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
62173	26-00-20									
		<b>Guarantee:</b>			4					
		<b>Found:</b>	<input type="text"/>		4.33					
Woodford Feed Company, Inc. Versailles ,KY										
61397	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		24.08					
61648	26-00-17									
		<b>Guarantee:</b>			6.8571					
		<b>Found:</b>	<input type="text"/>		6.832					
61651	00-00-56									
		<b>Guarantee:</b>	0.5882	0.0294	0.0882					
		<b>Found:</b>	0.708	0.268	0.252					
62327	21-00-00	Brand: 'AS								
		<b>Guarantee:</b>			24					
		<b>Found:</b>	<input type="text"/>		23.74					
62330	38-00-00									
		<b>Guarantee:</b>			8.6667					1.6667
		<b>Found:</b>	<input type="text"/>		8.838					1.986
62331	30-00-15									
		<b>Guarantee:</b>			4.2041					0.4082
		<b>Found:</b>	<input type="text"/>		5.106					0.505
62333	12-09-23									
		<b>Guarantee:</b>			9.7692					0.7692
		<b>Found:</b>	<input type="text"/>		9.81					1.007
62334	12-09-23									
		<b>Guarantee:</b>			9.7692					0.7692
		<b>Found:</b>	<input type="text"/>		10.15					0.907
62335	12-09-23									
		<b>Guarantee:</b>			9.7692					0.7692
		<b>Found:</b>	<input type="text"/>		10.15					0.919
62336	12-09-23									
		<b>Guarantee:</b>			9.7692					0.7692
		<b>Found:</b>	<input type="text"/>		10.32					0.939
62337	12-09-23									
		<b>Guarantee:</b>			9.7692					0.7692
		<b>Found:</b>	<input type="text"/>		10.16					0.916

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

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

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	62338	12-09-23								
			<b>Guarantee:</b>		9.7692					0.7692
			<b>Found:</b>	<input type="text"/>	10.53					0.899

Values in bold are deficient.

FROM: 7/1/2020 TO: 6/30/2021

## Regulatory Bulletin 346

### Table 4

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 by Grade  
July 2020- June 2021



TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Advanced Micronutrient Products Reese ,MI							
02-00-00	'EZ 20 Essential Zinc	61299	3.02			151	*
Advanced Turf Solutions - Fishers Fishers ,IN							
30-00-06	'Advanced Turf Solutions 30-0-6 with PSCU	61506	29.58		8.16	102.85	
Ag Distributors Inc Memphis ,TN							
00-00-60	'MOP	62026			59.98	99.97	
00-00-60	'MOP	62009			60.23	100.38	
05-10-15	'ADI 5-10-15	62715	5.99	11.18	15.54	107.72	
06-24-24	'Professional Choice 6-24-24	61025	10.60	25.89	<b>21.12</b>	110.4	
06-24-24	'Professional Choice 6-24-24	61509	10.52	25.61	<b>21.28</b>	109.88	
06-24-24	'Professional Choice 6-24-24	60873	9.78	24.94	24.04	110.91	
10-10-10	'ADI 10-10-10	62711	11.14	11.65	9.38	108.7	
10-10-10	'All Purpose 10-10-10	61023	10.25	11.42	10.04	106.05	
10-10-10	'All Purpose 10-10-10	60842	12.41	12.12	9.98	116.52	
10-10-10	'All Purpose 10-10-10	61508	10.50	11.03	9.75	104.94	
10-10-10	'All Purpose 10-10-10	60872	11.66	12.23	10.16	114.77	
10-10-10	'All Purpose 10-10-10	61004	11.13	11.01	9.81	107.53	
12-22-22	'ADI 12-22-22	62713	13.66	23.56	<b>20.3</b>	104.28	
12-24-24	'12-24-24	60449	15.14	<b>21.45</b>	<b>20.64</b>	<b>95.68</b>	
15-15-15	'15-15-15	60448	14.14	15.93	17.61	105.66	
15-15-15	'ADI 15-15-15	62712	15.87	15.95	17.08	108.04	
15-15-15	'All Purpose 15-15-15	61629	15.21	15.23	15.89	102.6	
15-15-15	'All Purpose 15-15-15	61024	15.05	16.36	14.5	102.45	
15-15-15	'All Purpose 15-15-15	60871	15.92	16.51	15.79	107.28	
15-15-15	'All Purpose Plant Food	60833	14.80	14.53	15.46	99.34	
15-15-15	'All Purpose Plant Food 15-15-15	60867	14.76	16.43	15.25	103.11	
18-46-00	'DAP	62025	18.17	46.96		101.73	
18-46-00	'DAP	62010	18.32	46.62		101.48	
19-19-19	'ADI 19-19-19	62710	19.78	18.41	19.89	101.74	
19-19-19	'All Purpose 19-19-19	61003	19.49	20.25	19.37	103.81	
19-19-19	'All Purpose 19-19-19	60843	20.11	18.89	19.2	102.6	
19-19-19	'All Purpose 19-19-19	61507	19.97	20.33	18.58	103.91	
30-10-10	'ADI 30-10-10 with 25% SCU 2%FE 1%S	62714	29.91	10.91	10.38	102.11	*
46-00-00	'Urea	62137	46.20			100.43	
46-00-00	'Urea	62013	46.12			100.26	
46-00-00	'Urea	62012	46.07			100.15	
Ag1 Coop Monticello ,KY							
10-27-23		62799	9.9	25.62	25.37	100.37	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-27-23		62798	9.83	25.57	24.99	99.63	*
19-19-19		62242	18.48	18.26	22.94	100.89	
20-10-24		61472	19.80	10.36	25.68	101.17	
31-00-20		61471	29.48		23.08	101.8	
37-06-06		61470	37.52	6.32	7.27	101.72	
Agri-Chem - Hopkinsville Hopkinsville ,KY							
00-00-60	'MOP	60456			61.03	101.72	
03-16-40		60615	3.54	15.88	39.99	98.73	*
04-18-20		60776	4.06	17.48	22.83	106.17	*
04-21-35		60616	4.65	20.5	34.26	98.68	*
05-24-32		60558	5.21	22.57	32.49	99.37	*
05-26-29		60617	5.52	25.04	28.14	97.89	*
08-20-32		60775	7.94	20.04	31.84	99.65	*
09-23-23		60613	8.94	23.3	23.59	101.76	*
09-23-23		60614	9.02	22.69	22.95	99.77	*
09-24-27		60561	9.42	22.92	27.79	99.64	*
11-52-00	'MAP	60458	11.35	52.18		100.84	
12-40-00	'MES Z	60459	11.60	40.64		100.46	*
12-40-00	'MES Z	60460	11.80	40.13		99.87	*
18-46-00	'DAP	60457	17.88	45.9		99.66	
26-00-00	'26-0-0	60834	24.37			<b>93.73</b>	*
31-11-11		61450	30.33	10.7	12.08	99.7	
AgriGro Farm Center, Inc. Hartford ,KY							
00-00-60	'MP	61551			60.88	101.47	
00-00-60	'MP	61547			60.18	100.3	
00-46-00	'TSP	61546		45.56		99.04	
06-15-40		62846	5.79	14.61	41.62	100.67	
06-15-40		62848	5.94	15	42.09	102.43	
18-13-26		62849	<b>16.78</b>	<b>11.9</b>	29.06	99.02	
18-46-00	'DAP	61548	17.60	46.06		99.41	
18-46-00	'DAP	61550	17.77	45.35		98.63	
21-00-00	'AS	61545	21.30			101.43	*
26-12-16		62847	25.30	12.21	17.34	99.65	
46-00-00	'Urea	61549	46.20			100.43	
Agriport Terminal Eddyville ,KY							
00-00-22	'KMag	61264			22.73	105.72	*
00-00-22	'SPM	61092			21.98	102.23	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-50	'SOP	61263			49.49	98.98	*
00-00-50	'SP	61749			51.31	102.62	
00-00-50	'SP	60588			50.55	101.1	
00-00-60	'MOP	61091			60.01	100.02	
00-00-60	'MOP	60441			59.43	99.05	
00-00-60	'MP	61102			60.73	101.22	
00-00-60	'MP	61259			59.98	99.97	
00-00-60	'MP	60505			60.15	100.25	
00-00-60	'MP	60504			60.5	100.83	
00-00-60	'MP	61103			61.14	101.9	
00-00-60	'MP	61748			60.64	101.07	
00-00-60	'MP	60587			62.65	104.42	
07-17-38		61411	6.58	17.15	38.85	101.32	
07-18-36		61407	<b>6.36</b>	<b>16.36</b>	38.38	97.85	
09-23-30		61410	9.15	24.96	29.34	102.99	
09-23-30		61405	8.77	24.08	30.61	102.29	
09-23-30		61409	8.70	22.59	30.8	99.69	
09-23-30		61408	8.80	22.48	30.65	99.5	
09-23-30		61404	8.62	23.77	31.12	102.09	
10-27-25		61406	10.33	27.04	26.29	101.68	
11-52-00	'MAP	60502	10.88	52.17		100.08	
13-24-23		61412	12.73	25.09	25.19	102.58	
18-46-00	'DAP	60589	17.93	46.59		100.81	
18-46-00	'DAP	61261	17.66	46.12		99.6	
18-46-00	'DAP	61750	17.69	45.49		98.7	
18-46-00	'DAP	61260	17.65	46.37		99.96	
18-46-00	'DAP	60440	17.72	45.37		98.58	
18-46-00	'DAP	60503	17.40	46.8		100.31	
18-46-00	'DAP	61090	17.55	45.8		98.93	
18-46-00	'DAP	61101	17.69	46.31		99.94	
32-00-00	'32% UAN	60835	32.02			100.06	
46-00-00	'Urea	61089	46.15			100.33	
46-00-00	'Urea	61262	46.20			100.43	
46-00-00	'Urea	61746	46.20			100.43	
46-00-00	'Urea	61100	46.06			100.13	
46-00-00	'Urea	61747	46.02			100.04	

AgroLiquid Fertilizer St. Johns ,MI

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
02-01-06	'Sure-K	62530	2.93	1.19	7.15	127.28	
07-00-00	'Access	62524	10.64			152	*
07-00-00	'Enhance	62525	7.37			105.29	*
09-24-03	'Pro-Germinator	62529	8.98	24.25	3.24	101.1	*
12-03-03	'FertiRain	62527	11.67	3.2	3.03	99.18	*
24-00-00	'NResponse	62526	<b>7.38</b>			<b>30.75</b>	*
Allen County Farmers Service, Inc. Scottsville ,KY							
00-00-60	'MOP	60816			59.53	99.22	
00-00-60	'MOP	60815			59.81	99.68	
13-20-26		61256	12.66	21.12	25	101.26	*
14-14-28		61452	13.87	13.26	27.71	98.73	*
15-19-25		61453	14.40	18.94	25.34	98.43	
16-18-22		61255	15.60	19.84	22.65	103.45	
18-46-00	'DAP	60818	17.58	45.46		98.5	
18-46-00	'DAP	60819	17.91	45.76		99.48	
18-46-00	'DAP	60817	17.59	46.19		99.58	
19-19-19		61257	19.40	20.07	19.85	101.96	
19-19-19		61254	18.93	20.98	19.36	102	
19-19-19		61454	18.80	19.48	20.12	100.03	
21-00-00	'AS	60820	20.71			98.62	*
23-17-17		61451	22.50	16.82	17.21	99.71	
23-17-17		61455	22.29	17.35	17.34	100.4	
27-14-14		61258	26.81	15.08	14.47	102.83	
46-00-00	'Urea	60822	46.07			100.15	
46-00-00	'Urea	60821	46.19			100.41	
Anderson County Farm Service, Inc. Lawrenceburg ,KY							
00-00-60	'MOP	62735			59.51	99.18	
00-00-60	'MOP	61792			59.8	99.67	
18-46-00	'DAP	62734	17.80	46.91		101.03	
18-46-00	'DAP	61791	17.67	45.26		98.32	
46-00-00	'Urea	62733	45.94			99.87	
46-00-00	'Urea	61790	46.20			100.43	
Ballard County Coop., Inc. La Center ,KY							
00-00-60	'MP	60702			60.6	101	
00-00-60	'MP	61905			59.53	99.22	
00-00-60	'MP	60704			60.08	100.13	
10-19-24		61978	10.29	18.98	25.25	101.91	*

Values in bold are deficient.

\* Refer to Table 3



TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-19-24		61903	10.75	19.14	25.62	103.89	*
10-19-24		61902	10.69	19.33	25.81	104.43	*
13-13-25		62159	13.49	13.46	25.92	103.8	*
16-14-18		61974	16.52	14.26	19.89	104.94	*
16-14-18		61973	16.78	14.39	19.07	104.56	*
18-46-00	'DAP	60703	18.34	46.38		101.13	
18-46-00	'DAP	61904	17.97	46.49		100.69	
18-46-00	'DAP	61907	18.26	46.55		101.27	
18-46-00	'DAP	60701	17.05	45.43		97.62	
19-07-22		61979	19.28	7.08	22.62	101.56	
20-00-00	'AS	61906	20.83			101.61	*
34-00-00	'AN	61975	34.41			102.72	
<hr/>							
Bandana Ag, Inc. La Center ,KY							
00-00-60	'MOP	60450			61.01	101.68	
00-00-60	'MP	60862			59.57	99.28	
08-20-34		60707	7.17	<b>17.59</b>	36.94	99.64	
08-20-34		60708	7.44	18.66	35.25	99.27	
08-21-28		60705	<b>4.75</b>	<b>11.5</b>	39.56	<b>95.49</b>	
10-19-26		60712	10.34	19.26	27.77	102.64	*
10-19-27		60706	10.83	20.07	25.45	100.41	*
10-19-27		60711	10.65	18.57	26.95	99.85	*
10-19-27		60709	10.31	18.42	26.9	98.86	*
10-19-27		60710	10.00	<b>17</b>	28.76	98.84	*
12-15-27		61982	12.62	15.91	26.16	101.62	*
12-40-00	'MES 10	60452	11.65	40.99		101.23	*
12-40-00	'MES 10	60453	11.67	40.66		100.63	*
14-15-27		61980	13.86	15.92	27.14	102.56	
18-46-00	'DAP	60866	17.93	46.3		100.33	
18-46-00	'DAP	60863	17.89	46.41		100.43	
18-46-00	'DAP	60451	17.59	46.37		99.94	
21-00-00	'AS	60865	20.78			98.95	*
34-00-00	'AN	60864	34.15			100.44	
34-00-00	'AN	61981	34.52			101.53	
<hr/>							
Bickett Ag - Central City Central City ,KY							
06-15-40		62393	<b>5.08</b>	<b>12.9</b>	43.92	98.81	
06-15-40		62392	<b>5.40</b>	<b>13.68</b>	42.76	99.39	
09-23-30		62175	9.30	25.76	<b>26.17</b>	100.56	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		62176	8.66	23.33	29.37	99.06	
09-23-30		62178	8.83	22.73	30.94	100.4	
09-23-30		62179	8.64	23.84	28.86	99.27	
09-23-30		62394	9.04	22.07	30.66	99.27	
09-23-30		62395	9.12	22.75	29.78	99.5	
16-18-12		62180	15.38	18.39	11.8	99.09	*
16-18-12		62177	16.00	17.49	11.57	98.29	*
Bickett Ag - Morganfield Morganfield ,KY							
00-00-60	'MP	61872			60.37	100.62	
00-00-60	'MP	61869			60.12	100.2	
00-00-60	'MP	61867			60.38	100.63	
18-46-00	'DAP	61871	17.64	46.02		99.41	
18-46-00	'DAP	61870	17.63	46.14		99.58	
18-46-00	'DAP	61868	17.61	46.17		99.59	
Black Gold EnviroSAFE Arcadia ,FL							
08-05-05	'Dynamite Mater Magic	62668	8.59	<b>3.84</b>	6.58	103.74	*
Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY							
20-20-19		62507	19.54	20.76	19.39	102.61	
20-20-19		62565	18.67	19.19	20.81	99.87	
21-15-20		62508	20.30	15.97	22.18	101.95	
21-15-20		62509	20.55	16.03	21.06	101.08	
22-12-22		62564	21.23	11.16	23.53	99.66	
23-00-30		62568	22.14		29.44	97.19	
24-11-19		62566	24.20	11.1	20.04	100.48	
28-12-15		62510	26.90	12.41	16.37	102.28	
29-00-22		62567	29.02		22.57	100.53	
31-00-20		62569	30.41		20.14	99.61	
C.D. Poore Fertilizer Albany ,KY							
00-00-60	'MOP	61121			59.96	99.93	
08-11-15		62608	8.74	11.18	13.81	99.34	*
08-11-15		62609	8.47	11.18	13.72	98.15	*
08-11-15		62610	8.49	10.85	14.27	98.45	*
18-46-00	'DAP	61125	18.20	46.99		101.83	
19-19-19		62611	18.39	19.26	21.56	100.72	
19-19-19	'Poore	62607	18.05	18.97	20.55	100.03	
21-00-00	'AMS	61122	20.71			98.62	*
22-12-22		62606	21.38	11.72	24.28	101.9	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
34-00-00	'AN	61123	34.13			100.38	
46-00-00	'Urea	61124	46.07			100.15	
Central Crop Care Crab Orchard ,KY							
00-00-50	'SOP	62114			50.64	101.28	
00-00-60	'MOP	62575			59.55	99.25	
00-00-60	'MOP	62116			61.94	103.23	
00-00-60	'MOP	62907			60.48	100.8	
00-00-60	'MOP	60893			59.55	99.25	
07-17-38		62109	6.90	17.11	38.18	101.01	
11-11-11		62573	11.49	11.92	12.17	103.67	
16-00-30		61517	<b>6.08</b>		30.75	<b>73.47</b>	*
17-13-22		62107	16.90	11.94	22.49	99.3	*
18-46-00	'DAP	62574	18.10	46.57		101.03	
18-46-00	'DAP	62115	18.13	46.36		100.76	
18-46-00	'DAP	62906	18.14	45.86		100.03	
18-46-00	'DAP	60892	17.85	46.65		100.72	
19-15-19		62110	17.98	15.27	20.16	101.11	*
19-19-19		62108	18.89	19.36	19.28	100.84	
19-19-19		62111	18.89	19.59	19.99	102.21	
21-00-00	'AS	62908	21.47			102.24	*
21-00-00	'AS	62117	20.96			99.81	*
21-00-00	'AS	62576	20.78			98.95	*
22-11-19		61515	20.82	<b>9.7</b>	22.72	100.77	*
22-12-22		62572	21.99	10.67	23.12	99.62	
23-00-30		61516	22.34		30.76	99.59	
28-13-13		62570	28.19	12.4	13.33	99.47	
30-09-14		62112	29.79	8.85	14.67	100.85	
31-05-14		61518	<b>26.89</b>	12.68	14.28	104.96	
34-00-00		62571	33.08			98.75	*
44-00-00	'ESN	62113	45.30			102.95	
46-00-00	'Urea	60891	45.90			99.78	
46-00-00	'Urea	62905	46.07			100.15	
Central Farmers Supply, Inc. Greensburg ,KY							
15-23-23		61614	15.74	23.82	21.9	102.99	
19-19-19		61605	18.87	20.27	19.82	101.19	
19-19-19		61655	20.11	19.44	20.62	103.33	
19-19-19		61656	19.52	19.42	20.83	102.36	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		61603	20.67	19.12	18.96	101.7	
19-19-19		61615	19.04	20.83	19.27	101.85	
19-19-19		61613	20.19	20.22	18.61	102.25	
24-19-14		61607	24.73	19.13	13.75	102.1	
27-00-18		61606	27.86		18.46	103.91	*
27-14-14		61612	26.81	13.76	14.88	100.89	
Central Garden & Pet Garden Division Atlanta ,GA							
10-08-06	'Azalea Camellia and Rhododendron	60523	9.96	<b>6.83</b>	5.60	<b>93.29</b>	*
10-10-10	'Pennington UltraGreen All Purpose	62557	9.88	<b>8.46</b>	<b>8.28</b>	<b>89.78</b>	*
CF Industries Nitrogen LLC Deerfield ,IL							
32-00-00	'UAN 32%	62531	31.93			99.78	
CHS Crop Nutrients St. Paul ,MN							
00-00-60	'MOP	60939			60.18	100.3	
00-00-60	'MOP	60937			59.85	99.75	
00-00-60	'MOP	60941			60.17	100.28	
18-46-00	'DAP	60935	17.69	45.86		99.26	
18-46-00	'DAP	60938	17.77	45.94		99.52	
18-46-00	'DAP	60942	17.65	45.9		99.25	
46-00-00	'Urea	60940	46.12			100.26	
46-00-00	'Urea	60936	46.18			100.39	
46-00-00	'Urea	60943	46.17			100.37	
CHS Crop Nutrients - Owensboro Owensboro ,KY							
00-00-60	'MOP	61813			59.8	99.67	
00-00-60	'MOP	61810			60.04	100.07	
00-00-60	'MOP	61809			60.22	100.37	
00-00-60	'MOP	61808			60.11	100.18	
00-00-60	'MOP	61807			59.93	99.88	
00-00-60	'MOP	62229			58.96	98.27	
00-00-60	'MOP	61169			60.97	101.62	
18-46-00	'DAP	61806	17.77	46.26		100	
18-46-00	'DAP	61803	17.68	45.67		98.96	
18-46-00	'DAP	61805	17.79	45.65		99.11	
18-46-00	'DAP	62228	17.67	45.39		98.52	
18-46-00	'DAP	61812	17.55	46.12		99.41	
18-46-00	'DAP	61804	17.76	45.36		98.63	
18-46-00	'DAP	61170	17.69	45.7		99.02	
21-00-00	'AMS	61348	20.87			99.38	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
21-00-00	'AS	61168	20.92			99.62	*
32-00-00	'32-0-0 UAN	62834	30.99			<b>96.84</b>	
32-00-00	'32-0-0 UAN	62835	30.92			<b>96.62</b>	
32-00-00	'UAN 32-0-0	62836	31.12			97.25	
32-00-00	'UAN 32-0-0	62837	31.38			98.06	
32-00-00	'UAN 32-0-0	62938	31.43			98.22	
32-00-00	'UAN 32-0-0	62939	31.72			99.12	
46-00-00	'Urea	62227	46.15			100.33	
46-00-00	'Urea	61811	46.13			100.28	
46-00-00	'Urea	61167	46.06			100.13	
Clark's Grocery Feed & Seed Rockholds ,KY							
18-46-00	'DAP	61818	17.88	45.41		98.91	
Clements Ag Supply Springfield ,KY							
00-00-22	'K Mag	61416			22.97	106.84	*
00-00-22	'KMag	62310			22.61	102.77	*
00-00-60	'MOP	61415			58.94	98.23	
00-00-60	'MOP	62309			59.9	99.83	
17-15-18		62721	19.68	<b>12.6</b>	<b>15.7</b>	97.14	*
17-15-18		62725	17.38	15.94	18.8	103.37	*
18-46-00	'DAP	61414	17.83	45.4		98.81	
18-46-00	'DAP	62308	17.76	46.79		100.78	
19-13-17		62727	19.25	13.84	18.39	103.62	*
19-13-17		62728	19.09	13.36	18.8	102.86	*
21-00-00		62723	21.43			102.1	*
21-00-00		62724	21.39			101.91	*
32-09-00		62726	31.74	9.19		100.93	*
38-00-00		62722	38.03			99.92	*
46-00-00	'Urea	61413	46.07			100.15	
46-00-00	'Urea	62307	46.18			100.39	
Darling Ingredients Inc - Irving TX Irving ,TX							
05-05-05	'Nature Safe 5-5-5	60465	6.65	<b>3.8</b>	6	109.4	*
05-06-06	'Nature Safe 5-6-6	62636	7.90	5.62	5.65	116.6	*
05-06-06	'Nature Safe 5-6-6	60474	7.285	<b>3.685</b>	6.87	104.62	*
07-12-00	'Nature Safe 7-12-0	62640	8.00	12.22		106.8	*
07-12-00	'Nature Safe 7-12-0	60463	8.25	12.37		108.53	*
08-03-05	'Nature Safe 8-3-5	62644	9.29	2.37	6.3	111.34	*
08-03-05	'Nature Safe 8-3-5	60466	9.24	2.76	5.46	109.12	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
08-05-05	'Nature Safe 8-5-5	62642	9.71	4.9	6.02	114.59	*
08-05-05	'Nature Safe 8-5-5	60462	10.35	4.48	5.39	112.43	*
09-00-09	'Nature Safe 9-0-9	60475	10.16		8.71	105.15	*
09-00-09	'Nature Safe 9-0-9	62646	9.73		9.79	108.37	*
09-06-01	'Nature Safe 9-6-1	62635	10.53	5.46	2.31	112.71	*
10-00-08	'Nature Safe 10-0-8	60469	10.92		8.08	105.71	*
10-00-08	'Nature Safe 10-0-8	62637	10.60		7.54	102.02	*
10-02-08	'Nature Safe 10-2-8	60464	10.72	2.66	7.47	104.59	*
10-02-08	'Nature Safe 10-2-8	62641	10.45	2.91	8.03	107.51	*
12-02-06	'Nature Safe 12-2-6	60467	11.75	4.3	7.04	115.41	*
12-02-06	'Nature Safe 12-2-6	62645	11.33	2.76	6.45	101.62	*
13-00-00	'Nature Safe 13-0-0	60473	12.91			99.31	
13-00-00	'Nature Safe 13-0-0	62639	12.26			<b>94.31</b>	
16-00-02	'Nature Safe 16-0-2	62643	20.29		3.15	129.09	*
16-00-02	'Nature Safe 16-0-2	60472	19.90		3.49	129.57	*
18-00-04	'Nature Safe 18-0-4	60468	17.63		5.35	104.04	*
18-00-04	'Nature Safe 18-0-4	62634	18.75		4.32	104.64	*
21-03-07	'Nature Safe 21-3-7	62638	<b>15.33</b>	4.36	9.47	<b>89.7</b>	*
21-03-07	'Nature Safe 21-3-7	60470	20.69	2.84	7.77	100.79	*
27-00-02	'Nature Safe 27-0-2	60471	26.85		3.08	102.94	*
Dr. Earth Inc Winters ,CA							
04-06-03	'Dr. Earth Home Grown Tomato Vegetable & Herb Fertilize	61817	5.62	8.02	3.59	133.71	*
04-06-03	'Dr. Earth Organic & Natural Tomato Vegetable & Herb	61632	5.44	9.14	3.86	142.43	*
04-06-03	'Tomato Vegetable & Herb Fertilizer	62670	5.31	7.81	3.69	129.86	*
05-05-02	'Dr. Earth Fruit Tree Fertilizer 5-5-2	61075	6.00	7.81	2.85	137.59	
05-05-02	'Dr. Earth Organic & Natural Fruit Tree	61631	6.20	7.51	2.38	134.18	
05-05-02	'Fruit Tree Fertilizer	62669	5.75	7.2	2.55	128.43	
08-00-02	'Dr. Earth Super Natural 8-0-2	61079	9.53		2.81	122.07	
Drake's Farm Service, Inc. Morgantown ,KY							
18-18-20		61465	18.37	19.47	21.14	102.78	
19-19-19		61459	19.19	19.75	19.7	100.76	
20-23-15		61461	20.17	22.2	16.67	100.18	
22-15-19		61466	22.33	14.92	20.42	102.06	
24-16-16		61464	23.82	15.84	17.49	101.35	
24-16-16		61462	23.75	15.91	16.96	100.61	
24-16-16		61458	23.08	16.7	17.26	101.18	
25-15-15		61457	24.53	15.61	15.81	100.53	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
38-00-00		61460	37.19			98.7	*
38-00-00		61467	37.58			99.47	*
Eau Claire CO-OP Oil Company Eau Claire ,WI							
15-23-10	'Menards Premium Starter 15-23-10	60425	14.40	23.6	10.3	100.59	*
15-23-10	'Menards Premium Starter Fertilizer 15-23-10	61266	14.91	23.58	9.73	100.59	*
22-00-10	'Menards Premium Fall Lawn Food 22-0-10	60426	22.65		10.4	103.26	*
26-00-03	'Menards Premium Crabgrass Preventer Lawn Food 26-0-3	61047	25.55		3.21	98.87	*
30-00-03	'Menards Premium Lawn Food 30-0-3	61048	29.75		3.14	99.5	*
Espoma Company Millville ,NJ							
03-04-04	'Espoma Organic Garden-tone Herb & Vegetable Food	61815	4.05	6.17	4.06	132.99	*
04-03-03	'Bio-Tone Organic Starter Plus	62348	4.53	3.79	3.14	115.35	*
06-02-01	'Organic Cottonseed Meal	62614	6.13	2.3	1.94	111.85	
10-03-01	'Organic Bat Guano	62613	<b>6.76</b>	3.3	1.76	<b>81.24</b>	
Farmers Fertilizer - Kelly Road Bowling Green ,KY							
21-15-20		62153	20.61	14.45	22.84	100.71	
27-31-00		62154	26.48	30.32		97.87	
30-10-13		62231	28.74	10.92	13.28	99.5	
32-11-10		62230	<b>28.05</b>	12.27	13.48	99.68	
33-10-09		62155	32.15	10.48	11.31	102.51	
Farmers Fertilizer - Old Nashville Rd Bowling Green ,KY							
19-24-16		62024	18.94	23.69	17.18	100.31	
20-20-19		62016	19.16	19.17	20.93	101.09	
20-20-19		62017	19.22	19.44	20.62	101.29	
20-20-19		62020	19.86	22.14	<b>17.54</b>	103.41	
20-20-19		62023	19.66	19.78	20.07	102.08	
20-20-19		62021	18.61	18.78	21.69	100.26	
25-18-12		62019	24.70	17.52	13.82	101.44	
25-18-13		62022	24.46	17.33	14.44	99.25	
25-18-13		62015	25.52	18.39	13.25	101.74	
35-08-08		62018	34.59	7.73	9.51	100.94	
Farmers Fertilizer - Smiths Grove Smiths Grove ,KY							
03-07-26		62396	3.49	7.34	28.28	113.07	
05-14-18		62401	6.05	15.25	17.07	104.57	
09-23-30		62404	8.55	22.03	31.62	99.45	
09-23-30		62405	9.15	22.88	31.47	102.04	
09-23-30		62400	9.45	24.18	29.73	102.71	
09-23-30		62399	9.71	24.6	29.17	103.27	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		62398	9.66	23.81	29.82	102.59	
09-23-30		62397	9.58	22.63	30.25	100.86	
15-19-25		62403	14.90	18.96	26.78	101.4	
15-19-25		62402	14.87	<b>17.93</b>	27.11	99.89	
Fleming County Farm Supply Flemingsburg ,KY							
00-00-51	'SP 51	62796			50.83	99.67	
00-00-51	'SP 51	62050			51.48	100.94	
00-00-51	'SP 51	61662			51.09	100.18	
00-00-60	'MP	61270			60.16	100.27	
00-00-60	'MP	61293			60.63	101.05	
00-00-60	'MP	61281			59.53	99.22	
08-21-32		62056	8.39	22.47	31.42	101.26	
09-09-09		62053	9.78	9.58	9.24	102.06	
10-00-00		62059	11.31			107.71	*
12-13-23		62088	11.87	13.08	24.61	103.31	*
14-17-16		62087	14.35	17.1	18.1	104.09	*
15-00-00		62054	15.29			104.23	*
18-46-00	'DAP	62783	18.38	46.44		101.31	
18-46-00	'DAP	61268	18.40	47.35		102.72	
18-46-00	'DAP	61294	17.86	46.45		100.44	
18-46-00	'DAP	61278	17.95	47.97		102.88	
18-46-00	'DAP	62787	17.9	45.63		99.27	
19-19-19		62057	19.18	20.18	20.21	102.07	
21-00-00	'AS	61280	20.94			99.71	*
21-00-00	'AS	61295	20.79			99	*
21-00-00	'AS	62786	20.90			99.52	*
21-00-00	'AS	61269	20.85			99.29	*
21-00-00	'AS	62795	20.81			99.1	*
21-09-16		62060	21.52	9.45	15.76	101.64	*
23-00-00		62058	23.03			100.13	
29-00-00		62052	29.50			100.58	*
34-20-00		62055	32.98	20.87		99.61	
46-00-00	'Urea	62788	46.17			100.37	
46-00-00	'Urea	61279	46.02			100.04	
46-00-00	'Urea	62794	46.19			100.41	
46-00-00	'Urea	62784	46.04			100.09	
46-00-00	'Urea	61267	46.07			100.15	

Values in bold are deficient.

\* Refer to Table 3



**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	61292	46.17			100.37	
Foxfarm Soil & Fertilizer Company Arcata ,CA							
02-08-04	'Tiger Bloom	61636	4.22	8.45	4.21	123.73	*
06-04-04	'Fox Farm Liquid Plant Food 6-4-4	61073	6.50	4.23	4.11	106.4	*
10-07-07	'Fox Farm 10-7-7	61071	12.54	9.88	6.89	124.23	*
10-07-07	'FoxFarm Marine Cuisine	61637	13.09	10.21	6.95	128.49	*
Gaskins Fertilizer Russell Springs ,KY							
00-00-60	'MOP	61340			60.65	101.08	
00-00-60	'MOP	60803			60.16	100.27	
00-46-00	'TSP	61343		45.21		98.28	
00-46-00	'TSP	61344		45.74		99.43	
00-46-00	'TSP	60802		46.55		101.2	
00-46-00	'TSP	60804		45.25		98.37	
05-14-26		62460	5.37	12.84	26.99	99.85	*
05-14-26		62462	5.16	13.02	28.22	102.01	*
07-17-22		62461	6.86	17.44	23.63	105.43	*
08-20-20		61345	7.89	19.03	21.09	101.53	
14-14-14		62463	13.57	14.77	14.64	98.67	
18-46-00	'DAP	61341	17.75	45.75		99.2	
19-19-19		61347	19.48	19.38	19.25	102.31	
22-08-25		62465	21.28	7.35	26.9	100.1	
23-00-30		62459	23.28		30.81	101.89	
31-00-00		62464	30.81			99.32	*
32-00-00		61346	31.42			98.74	*
46-00-00	'Urea	61342	46.12			100.26	
Green River Feed Mill Inc Morgantown ,KY							
19-19-19		62220	<b>17.62</b>	<b>15.21</b>	24.80	<b>96.06</b>	
19-19-19		62224	20.25	20.99	<b>16.48</b>	100.95	
19-19-19		62219	<b>17.25</b>	<b>17.5</b>	24.30	98.76	
21-15-20		61463	21.68	15.45	20.1	101.43	
22-17-18		62218	21.49	18.15	16.84	99.43	
23-17-16		62223	23.29	18.95	<b>14.64</b>	101.79	
23-17-16		62225	22.22	18.45	16.32	100.9	
23-17-16		62226	21.72	18.64	18.1	102.56	
23-17-16		62221	22.14	19.46	15.5	101.48	
23-17-16		62222	22.08	19.49	15.76	101.75	
Gro Green Inc Buffalo ,NY							

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
28-00-04	'American Way Weed and Feed 28-0-4	62617	<b>22.52</b>		3.80	<b>81.65</b>	
Gro Tec Inc Madison ,GA							
04-03-00	'Pro Care Natural Fertilizer	61901	4.39	3.76		115.94	*
04-03-00	'Procare Natural Slow Release Fertilizer	61425	4.12	3.41		107.23	*
10-08-08	'Expert Gardener Azalea Camellia & Rhododendron Plant F	62045	9.96	8.01	7.76	99.17	*
10-10-10	'Expert Gardener All Purpose Fertilizer	62046	10.39	11.14	<b>8.46</b>	101.61	
10-10-10	'Expert Gardener All Purpose Fertilizer 10-10-10	62534	9.84	9.425	<b>8.90</b>	<b>94.62</b>	
10-10-10	'Flower Food	60525	11.99	9.14	9.43	102.06	
10-10-10	'Groundwork 10-10-10	62874	11.04	10.92	11.06	110.03	
12-05-07	'All Purpose	60526	11.78	5.24	6.44	97.88	*
12-05-07	'Expert Gardener All Purpose	62561	12.67	5.32	7.51	106.12	*
12-05-07	'Expert Gardener All-Purpose Plant Food 12-5-7	60428	10.97	5.055	6.52	<b>93.98</b>	*
12-06-10	'Expert Gardener Rose	62562	13.41	6.47	<b>9.12</b>	105.32	*
12-10-05	'Expert Gardener Tomato & Vegetable	62560	11.71	10.48	7.25	106.56	*
12-10-05	'Tomato & Vegetable Garden 12-10-5	62876	11.53	<b>8.675</b>	4.805	<b>92.67</b>	
12-10-10	'Ironite Plus	62913	12.77	11.38	10.53	108.54	*
16-04-08	'Evergreen Tree & Shrub Plant Food 16-4-8	62894	16.88	5.22	8.58	109.43	*
16-04-08	'Expert Gardener Tree and Shrub Plant Food	62535	19.73	4.34	8.11	116.64	*
16-06-16	'Groundwork Pasture Fertilizer	61015	14.93	6.02	17.22	99.14	
18-00-01	'Expert Gardener Triple Action Lawn Care 18-0-1	62533	19.56		1.34	109.54	
18-18-21	'Sta Green Tomato and Vegetable Plant Food	61900	19.55	19.24	23.46	108.92	*
18-18-21	'Sta-Green Tomato & Vegetable	62027	17.53	21.24	23.65	108.62	*
18-24-06	'Sta Green Lawn Starter Fertilizer	61350	18.44	25.21	6.3	103.95	
18-24-06	'Sta-Green Lawn Starter 18-24-6	60476	17.91	24.43	7.34	103.32	
19-06-12	'ProCare All Purpose	62028	20.31	6.92	13.07	108.77	*
24-08-16	'Plant Food 24-8-16	62877	24.57	8.3	16.9	103.42	
24-25-04	'Expert Gardener Lawn Starter 24-25-4	60427	<b>21.61</b>	<b>21.98</b>	5.93	<b>93.12</b>	
24-25-04	'Expert Gardner Lawn Starter 24-25-4	61081	22.93	24.31	4.4	97.07	
24-25-04	'Expert Lawn Starter Fertilizer	61349	23.20	23.93	5.35	98.2	
28-00-03	'Expert Gardener Weed and Feed	62044	29.37		3.91	106.53	
28-00-04	'Sta Green Weed and Feed 28-0-4	62532	28.31		3.73	100.45	
29-00-05	'Sta Green Lawn Fertilizer 29-0-5	62878	27.81		6.13	98.55	*
30-00-03	'Expert Gardener Crabgrass Preventer Plus Fertilizer 30-0-3	61898	29.02		4.09	99.12	
Gro-Well Brands Inc Tempe ,AZ							
07-05-07	'Gro-Well All Purpose	61429	9.58	<b>3.745</b>	8.02	113.4	*
07-05-07	'Gro-Well All Purpose	61630	9.75	4.39	7.68	116.7	*
07-05-07	'Gro-Well Proven Organics All Purpose 7-5-7	61816	9.56	<b>3.217</b>	7.2	107.09	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Growmark Inc Bloomington ,IL							
00-00-60	'MP	61836			60.68	101.13	
18-46-00	'DAP	62780	17.72	46.1		99.67	
28-00-00		62833	<b>26.47</b>			<b>94.23</b>	*
32-00-00	'UAN 32-0-0	62937	31.69			99.03	
32-00-00	'UAN 32-0-0	62936	31.39			98.09	
32-00-00	'UAN 32-0-0	62933	<b>30.44</b>			<b>95.12</b>	
Hancock County Farm Supply, Inc. Hawesville ,KY							
00-00-50	'SP	61544			49.21	98.42	
00-00-60	'MP	61541			61.16	101.93	
00-00-60	'MP	60602			59.35	98.92	
18-46-00	'DAP	60601	17.95	45.13		98.56	
21-00-00	'AS	60603	21.21			101	*
21-00-00	'AS	61543	21.05			100.24	*
46-00-00	'Urea	61542	46.14			100.3	
Helena Agri-Enterprises - Hazel Hazel ,KY							
05-12-15		60645	6.33	15.29	21.16	135.35	*
05-12-15		60646	5.84	15.51	19.99	130.91	*
06-16-20		60643	6.49	15.59	20.25	101.34	*
06-16-20		60644	6.83	16.22	19.37	101.73	*
Helena Agri-Enterprises - Hickman Hickman ,KY							
08-00-37		62278	7.91		37.94	101.54	*
08-00-37		62277	7.96		37.56	100.93	*
10-11-30		62279	9.96	12.95	28.77	102.02	*
10-11-30		62280	10.15	13.12	<b>28.14</b>	101.85	*
10-11-30		62284	9.86	13.36	<b>27.99</b>	101.4	*
10-11-30		62283	10.20	12.7	<b>28.42</b>	101.5	*
10-16-26		62285	10.15	18.23	24.82	104	*
10-16-26		62286	9.94	17.23	25.68	102.67	*
19-29-00		62282	18.26	30.3		100.17	*
19-29-00		62281	18.19	31.13		101.64	*
Helena Agri-Enterprises, LLC - Collierville Collierville ,TN							
00-00-21	'K Mag	60640			22.24	105.9	*
00-00-22	'K-Mag	61334			21.87	99.41	*
00-00-60	'MP	61338			59.61	99.35	
00-00-60	'MP	60642			59.36	98.93	
00-00-60	'MP	60922			59.83	99.72	
00-00-60	'MP	60918			60.16	100.27	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	60574			60.24	100.4	
00-00-60	'MP	61337			59.89	99.82	
18-46-00	'DAP	60921	17.82	45.79		99.38	
18-46-00	'DAP	60641	17.89	45.94		99.73	
18-46-00	'DAP	60572	18.16	46.25		100.64	
18-46-00	'DAP	61336	17.88	45.43		98.94	
18-46-00	'DAP	61335	17.75	45.19		98.35	
18-46-00	'DAP	61768	17.70	45.61		98.9	
21-00-00	'AS	60573	21.13			100.62	*
21-00-00	'AS	61333	21.40			101.9	*
21-00-00	'AS	60920	20.70			98.57	*
46-00-00	'Urea	61339	46.10			100.22	
46-00-00	'Urea	60919	46.20			100.43	
Helm Fertilizer Tampa ,FL							
00-00-60	'MOP	61609			60.99	101.65	
18-46-00	'DAP	61604	17.82	46.2		99.99	
18-46-00	'DAP	60566	17.82	44.9		98	
21-00-00	'AS	61654	21.13			100.62	*
46-00-00	'Urea	61616	46.01			100.02	
46-00-00	'Urea	61610	46.10			100.22	
46-00-00	'Urea	61608	46.01			100.02	
46-00-00	'Urea	61617	46.13			100.28	
46-00-00	'Urea	61618	46.11			100.24	
46-00-00	'Urea	61611	46.03			100.07	
Henry Farmers Cooperative - Murray Murray ,KY							
09-23-30		61330	8.43	21.68	31.02	97.78	
09-23-30		61329	8.92	22	30.11	98.17	
10-15-29		61862	9.78	15.59	29.96	102.16	*
10-15-29		61861	9.33	15.28	31.24	102.39	*
13-00-33		61864	12.83		34.43	101.48	*
13-14-19		61863	12.78	14.85	18.59	101.76	*
21-15-13		61865	20.48	16.37	13.72	101.88	*
28-06-17		61866	27.34	6.29	18.09	99.96	*
29-08-10		61332	29.39	7.54	10.19	99.87	*
29-08-10		61331	29.38	7.29	10.13	99.24	*
Henry Farmers Cooperative - Paris Paris ,TN							
00-00-60	'MP	60620			60.49	100.82	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	60826			59.28	98.8	
00-00-60	'MP	60622			61.61	102.68	
00-00-60	'MP	60832			59.95	99.92	
00-00-60	'MP	60830			59.76	99.6	
00-00-60	'MP	60618			60.39	100.65	
18-46-00	'DAP	60619	17.51	46.32		99.73	
18-46-00	'DAP	60621	16.89	46.01		98.28	
18-46-00	'DAP	60831	17.79	45.56		98.97	
18-46-00	'DAP	60828	17.79	45.83		99.35	
21-00-00	'AS	60825	20.64			98.29	*
46-00-00	'Urea	60829	45.96			99.91	
46-00-00	'Urea	60827	46.00			100	
Hinton Mills at Cynthiana Cynthiana ,KY							
04-11-43		61664	4.30	10.68	43.9	99.61	*
06-16-40		61667	6.01	16.12	40.69	102.27	
18-00-24		61666	18.34		23.77	101.8	*
23-00-30		61663	22.38		31.58	100.93	
31-00-20		61669	30.12		21.01	100.22	
34-00-00		61296	33.17			99.01	*
34-00-00		61668	33.01			98.54	*
34-00-00		61665	32.71			97.64	*
34-00-00		61298	34.32			102.45	*
34-00-00		61297	33.03			98.6	*
IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres							
05-04-04	'Organics All Purpose	60524	5.44	3.385	3.95	98.22	*
J. A. Oldfield & Son, Inc. Mize ,KY							
00-00-60	'MP	62444			61.37	102.28	
00-00-60	'MP	61286			61.67	102.78	
00-00-60	'MP	61285			61.56	102.6	
05-10-15	'Top Crop	61287	5.58	11.5	14.37	102.47	
05-20-20	'Top Crop	61289	7.87	20.48	19.82	108.98	
05-20-20	'Top Crop	62446	8.19	20.56	20.48	111.28	
10-10-10	'Top Crop	61288	10.39	11.2	9.81	105.25	
10-10-10	'Top Crop	62481	9.50	10.61	12.38	106.19	
10-10-10	'Top Crop	62447	10.23	9.82	11.33	103.67	
12-12-12	'Top Crop	62720	12.28	13.08	13.58	107.41	
12-12-12	'Top Crop	62448	13.37	13.15	11.18	106.14	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	61283	17.90	46.77		100.99	
18-46-00	'DAP	61284	17.78	46.16		99.86	
19-19-19		61291	19.20	18.89	18.55	102.09	
19-19-19		62719	19.54	18.74	20.66	102.87	
19-19-19	'Top Crop	62716	18.19	22.34	19.53	105.15	
19-19-19	'Top Crop	62482	18.17	18.69	21.07	100.47	
19-19-19	'Top Crop	62449	18.22	19.78	20.26	101.49	
19-19-19	'Top Crop	61290	18.16	19.12	21.13	101.31	
23-00-30		62718	21.98		31.89	100.45	
46-00-00	'Top Crop	62450	46.09			100.2	
46-00-00	'Urea	61282	46.19			100.41	
46-00-00	'Urea	62445	46.17			100.37	
J. R. Peters Allentown ,PA							
15-30-15	'Jacks Classic Houseplant Special	62616	16.64	32.03	15.82	107.75	*
Janes Fertilizer & Farm Supply Columbia ,KY							
00-00-60	'MOP	62709			58.85	98.08	
00-00-60	'MOP	61213			60.2	100.33	
08-20-34		62704	7.81	20.23	35.71	102.68	
08-20-34		62705	7.49	20.16	35.55	101.66	
10-26-26		60773	9.99	25.51	27.43	100.94	
10-26-26		60774	10.30	26.7	26.17	101.48	
11-15-32		62708	11.12	14.46	32.4	99.68	*
18-46-00	'DAP	61214	17.77	45.81		99.32	
18-46-00	'DAP	60772	17.84	45.7		99.28	
19-19-19		62743	18.16	18.75	21.16	101.3	
22-09-24		62596	21.49	9.04	26.41	102.61	
23-00-22		62706	23.65		22.51	102.84	*
31-09-12		62741	32.52	8.72	<b>10.54</b>	100.08	
31-09-12		62742	33.03	8.63	<b>10.38</b>	100.78	
37-00-00		62707	37.26			101.94	*
46-00-00	'Urea	61212	45.61			99.15	
46-00-00	'Urea	61215	46.04			100.09	
Kee's Farm Service & Supply, LLC. Grayson ,KY							
00-00-60	'MP	61005			61.06	101.77	
06-15-40		62677	6.00	15.55	41.72	102.83	
07-17-17		62439	6.72	16.98	18.46	103.77	
18-46-00	'DAP	61006	17.94	46.98		101.37	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		61840	19.50	19.34	20.57	101.8	
19-19-19		61832	19.12	19.91	19.76	100.98	
19-19-19		62772	19.10	19.6	19.65	100.24	
19-19-19		61837	19.09	20.39	20.32	102.52	
19-19-19		61835	19.23	19.95	20.15	101.79	
19-19-19		62438	19.35	18.21	20.46	99.22	
19-19-19		61833	19.10	20.26	19.92	101.78	
27-00-25		62440	26.91		25.18	100.44	
<hr/>							
Ken's Value Center Berry ,KY							
10-10-10	'10-10-10	62666	10.40	11.02	10.12	105.45	
19-19-19	'19-19-19	62667	20.52	21.01	18.35	106	
<hr/>							
Kentucky American Seeds - Hopkinsville Hopkinsville ,KY							
05-00-00	'Protect Plus Zn	61873	5.86			117.2	*
05-18-07	'Torque Complete	61874	5.60	20.19	7.37	110.91	*
07-24-06	'Pin Point Ortho	61876	7.27	24.71	6.09	102.98	*
14-14-05	'Convoy Complete 14-14-5 with 4% S	61877	13.50	14.93	<b>4.34</b>	99.64	*
<hr/>							
Kentucky American Seeds - Madisonville Madisonville ,KY							
31-00-00		62931	31.40			100.77	*
<hr/>							
Kentucky Fertilizer - Winchester Winchester ,KY							
00-00-60	'MOP	62591			59.02	98.37	
00-10-30	'Kentucky Green	62660		<b>8.025</b>	30.18	<b>94.2</b>	*
05-10-10	'Kentucky Green	62343	4.66	9.23	<b>8.94</b>	<b>91.6</b>	
05-20-20	'Kentucky Fertilizer	61775	5.94	21.05	19.01	103.47	
05-20-20	'Kentucky Green	62483	5.15	19.66	19.3	98.31	
06-12-12	'Kentucky Green	62484	<b>5.40</b>	11.31	<b>10.27</b>	<b>90.45</b>	
06-24-24	'KY Green	61225	5.90	<b>21.85</b>	<b>20.45</b>	<b>89.96</b>	
10-10-10	'10-10-10	60412	<b>7.49</b>	9.16	11.76	<b>94.1</b>	
10-10-10	'10-10-10	61430	<b>8.50</b>	<b>7.945</b>	13.46	<b>95.66</b>	
10-10-10	'Kentucky Fertilizer	61774	9.57	10.35	11.3	102.82	
10-10-10	'Kentucky Fertilizer	61711	9.71	10.4	9.42	98.77	
10-10-10	'Kentucky Green	62760	9.49	10.12	10.3	99.16	
10-10-10	'Kentucky Green	61522	11.31	10.59	11.89	112.06	
10-10-10	'Kentucky Green	62775	9.32	9.76	10.73	98.32	
10-10-10	'Kentucky Green	62485	10.35	10.06	<b>8.68</b>	98.24	
10-10-10	'Kentucky Green	62657	9.71	11.1	11.53	106.57	
10-10-10	'Kentucky Green	62659	9.22	<b>8.9</b>	<b>8.76</b>	<b>89.91</b>	
10-10-10	'Kentucky Green	62349	9.95	10.24	9.56	99.52	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-10-10	'Kentucky Green	61070	12.91	12.22	10.27	119.98	
10-10-10	'Kentucky Green	62661	<b>7.76</b>	9.385	9.24	<b>87.01</b>	
10-10-10	'Kentucky Green	61838	9.64	9.74	9.87	97.33	
10-10-10	'Kentucky Green	62344	9.30	<b>8.798</b>	11.28	<b>96.29</b>	
10-10-10	'Ky Green	62316	10.25	13.5	9.99	113.17	
10-10-10	'Ky Green	62317	9.30	10.49	9.58	97.86	
10-10-10	'KY Green	61597	11.24	10.78	10.76	109.58	
10-20-20	'Kentucky Green	62776	10.52	21.15	<b>17.36</b>	99.6	
10-20-20	'Kentucky Green	62486	10.09	<b>18.43</b>	<b>17.53</b>	<b>92.89</b>	
14-32-11	'Kentucky Green	62487	14.23	33.38	10.4	102.15	
15-15-15	'15-15-15	61520	15.22	15.08	15.07	100.89	
15-15-15	'Kentucky Green	62488	14.06	15.24	14.88	97.87	
15-19-25	'Kentucky Green	62489	14.08	20.07	26.17	101.61	
15-30-15	'Kentucky Green	62912	16.77	30.2	14.38	103.04	
16-27-14	'Kentucky Green	62777	15.54	26.66	<b>12.32</b>	<b>96.23</b>	
18-24-12	'Kentucky Green	62490	17.60	25.52	12.94	103.29	*
18-46-00	'DAP	62592	18.00	46.42		100.63	
19-19-19	'19-19-19	61519	<b>16.60</b>	17.88	22.93	98.19	
19-19-19	'Kentucky Fertilizer	62595	<b>16.58</b>	19.77	19.11	<b>96.5</b>	
19-19-19	'Kentucky Fertilizer	61776	18.05	17.92	21.5	99.38	
19-19-19	'Kentucky Fertilizer	61710	18.37	19.29	19.68	100.13	
19-19-19	'Kentucky Green	62096	18.59	19.22	19.48	100.19	
19-19-19	'Kentucky Green	61839	18.47	18.67	21.1	101.1	
19-19-19	'Kentucky Green	62491	18.50	19.34	20.58	101.69	
19-19-19	'Kentucky Green	62778	19.82	18.47	19.01	100.75	
19-19-19	'Kentucky Green	62658	17.86	19.79	21.88	102.92	
19-19-19	'Kentucky Green	62662	18.24	20.97	19.85	103.16	
19-19-19	'Kentucky Green	61068	<b>16.91</b>	<b>14.57</b>	18.11	<b>86.31</b>	
19-19-19	'Kentucky Green	62766	19.29	19.8	20.4	103.95	
19-19-19	'Kentucky Green	61521	18.65	18.62	20.06	99.99	
19-19-19	'Kentucky Green 19-19-19	61596	19.28	19.98	18.51	101.73	
19-19-19	'Kentucky Green 19-19-19	60801	<b>17.11</b>	20.69	18.72	99.17	
19-19-19	'KY Green	61224	18.72	19.09	17.85	98.04	
19-19-19	'Ky Green	62815	18.28	20.96	<b>15.32</b>	97.17	
19-19-19	'Ky Green	62318	<b>16.98</b>	<b>17.5</b>	19.77	<b>94.06</b>	
19-19-19	'KY Green	61265	18.71	19.76	20.3	102.53	
19-35-08	'Kentucky Green	62492	18.28	35.91	8.96	101.26	

Values in bold are deficient.

\* Refer to Table 3



TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-10-10	'Kentucky Fertilizer	62594	20.40	10.78	9.54	102.25	
21-00-00	'Kentucky Green	62097	20.60			98.1	
24-05-11	'Kentucky Green	62493	<b>21.86</b>	6.25	12.33	99.46	*
34-00-00	'Kentucky Green Super Kicker Plus w/ Nutrisphere	62663	33.58			98.76	
35-00-00	'Ky Green	60409	34.52			98.63	*
46-00-00	'Urea	62593	46.12			100.26	
Knox Fertilizer Company Inc Knox ,IN							
10-10-10	'Twin Pine	61897	10.82	10.98	12.6	113.28	
10-10-10	'Twin Pine 10-10-10	61428	9.46	9.85	11.32	100.69	
11-22-10	'Lawn Scape Starter Fertilizer	62612	13.00	23.56	<b>8.74</b>	<b>94.16</b>	
17-18-28	'Schultz Tomato Food	61638	16.97	19.87	28.18	103.4	*
20-20-20	'Schultz All Purpose	62858	21.70	<b>18.57</b>	19.25	99.93	*
Lesco Inc. Cleveland ,OH							
18-24-12	'Lesco Starter Fertilizer 18-24-12	61195	17.92	23.96	13.13	101.3	
20-00-03	'Lesco 20-0-3	61427	19.38		2.96	97.05	
24-00-03	'Poly Opti 24-0-3	61944	25.43		3.54	106.85	*
30-00-10	'Lesco 30-0-10	61426	30.00		10.49	100.86	*
Lilly Miller Brands - Atlanta Atlanta ,GA							
05-01-01	'Alaska Fish Fertilizer 5-1-1	61072	5.11	2.92	1.87	136.09	
Loveland Products, Inc. Greeley ,CO							
00-00-60	'MOP	60570			61.08	101.8	
00-00-60	'MOP	60571			60.52	100.87	
18-46-00	'DAP	60569	17.54	46.09		99.42	
Marshall County Coop Benton ,KY							
00-00-60	'MP	61028			59.69	99.48	
09-09-07		61403	8.74	10.06	7.99	103.6	
09-23-30		61402	8.68	24.04	30.82	102.31	
16-16-16		61398	16.65	15.81	16.95	100.82	
18-18-15		61400	17.22	18.18	16.22	100.25	
18-18-15		61401	17.87	17.73	16.08	100.74	
18-18-15		61399	17.50	18.45	15.98	101.08	
18-46-00	'DAP	61026	17.00	45.04		<b>96.84</b>	
30-00-00	'30-0-0	61027	30.69			102.3	
Mays Lick Mill Mayslick ,KY							
00-00-57		62049			57.95	101.76	*
08-09-14		62064	9.84	8.96	15.17	107.82	*
17-04-18		62790	16.62	4.2	18.7	100.18	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
17-04-18		62789	16.64	4.37	19.38	102.67	*
17-04-18		62791	16.84	4.41	18.53	100.47	*
23-00-00		62048	23.58			104.34	*
30-00-00		62098	30.28			99.67	*
30-12-12		62101	30.53	11.54	11.53	100.7	
34-00-15		62047	35.49		15.53	103.01	
38-00-00		62100	36.82			97.74	*
40-00-00		62062	38.98			98.06	*
40-00-00		62061	39.57			99.55	*
42-00-00		62099	41.16			98.4	*
42-00-00		62063	42.01			100.43	*
Miracle-Gro Lawn Products, Inc. Marysville ,OH							
07-06-09	'Miracle-Gro Performance Organics Edibles	61633	7.66	6.55	8.76	105.49	*
12-04-08	'Miracle-Gro Shake n Feed All Purpose	61849	12.34	4.85	8.51	106.85	*
18-18-21	'Plant Food Vegetables and Herbs	62875	19.50	16.93	20.64	100.7	
Monty's Plant Food Louisville ,KY							
06-18-06	'Monty s Zn Starter	61882	6.30	17.64	5.57	98.86	*
08-16-08	'Plant Vantage Premium Growth	62615	8.74	17.36	9.01	109.5	*
Nachurs Alpine Solutions Corporation Marion ,OH							
03-18-18	'Nachurs 3-18-18	61875	3.09	18.64	17.53	101.16	
NOT IN USAPLANTS Lexington ,KY							
28-00-00		62924	29.45			105.14	*
Nutrien Ag Solutions - Campbellsville Campbellsville ,KY							
08-20-34		62430	7.68	19.41	35.24	100.77	
08-20-34		62432	7.43	18.45	36.17	99.71	
08-20-34		62431	7.72	19.78	35.25	101.48	
08-21-33		62816	8.14	20.69	31.55	97.98	
08-21-33		62817	7.86	20.44	33.08	98.99	
08-21-33		62818	7.76	19.83	33.68	98.46	
17-16-10		62427	16.16	<b>7.24</b>	16.30	<b>88.42</b>	*
25-00-18		62433	25.18		19.97	101.8	*
26-00-19		62428	27.20		19.92	106.97	*
26-00-19		62429	26.40		19.07	103.37	*
Nutrien Ag Solutions - Cecilia Cecilia ,KY							
18-18-21		61731	17.52	<b>15.14</b>	26.35	98.86	
20-10-26		61659	21.05	10.4	25.43	102.43	
20-12-24		61661	20.00	11.25	25.86	100.64	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-12-24		61727	20.70	12	23.51	100.32	
20-16-20		61658	20.06	16.27	22.16	101.5	
22-00-31		61657	21.32		32.77	100.61	
24-18-14		61729	23.89	19.09	13.66	100.99	
25-15-15		61730	<b>23.30</b>	15.42	18.76	101.45	
32-23-00		61728	30.98	23.76		99.15	
32-23-00		61732	<b>30.36</b>	25.65		101.14	
<hr/>							
Nutrien Ag Solutions - Clarkson Clarkson ,KY							
06-20-30		61438	6.03	19.78	29.84	99.43	*
06-20-30		61446	6.08	20.26	29.12	99.45	*
06-20-30		61439	5.84	19.23	30.44	98.75	*
06-20-30		61440	6.05	19.86	29.82	99.61	*
06-21-28		61437	6.22	20.5	28.94	99.24	*
06-21-28		61445	6.32	20.67	28.4	99.01	*
12-17-30		61441	12.00	16.81	30.88	99.31	
12-17-30		61443	12.72	17.2	29.67	99.92	
16-18-24		61444	16.41	18.21	24.24	99.99	
17-17-20		61442	16.11	16.92	21.14	101.27	*
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Nutrien Ag Solutions - Clay Clay ,KY							
07-24-24		62385	7.09	23.55	23.8	98.58	*
07-24-24		62390	7.04	23.98	24.87	100.9	*
07-24-24		62389	7.29	23.59	24.15	99.64	*
07-24-24		62388	7.09	22.6	25.61	99.33	*
07-24-24		62384	7.47	23.82	23.5	99.56	*
09-23-30		62382	9.53	23.06	29.86	101.05	
09-23-30		62383	9.63	22.65	31.58	102.79	
09-23-30		62386	9.38	22.79	30.65	101.31	
09-23-30		62387	9.29	22.84	30.03	100.39	
12-21-27		62391	12.19	20.85	28.4	101.07	
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Nutrien Ag Solutions - Clinton Clinton ,KY							
19-24-00		61992	19.09	24.33		99.45	*
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Nutrien Ag Solutions - Ekron Ekron ,KY							
03-11-44		62363	3.43	11.74	45.34	104.9	*
06-20-30		62370	6.31	20.44	30.63	102.57	*
07-23-26		62368	7.00	21.93	27.2	100.78	*
12-23-19		62369	11.94	22.56	19.39	99.81	*
15-19-19		62361	14.49	19.72	21.21	102.99	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-19-19		62362	14.89	20.32	18.9	101.74	*
18-16-18		62367	17.65	17.49	18.92	102.33	*
21-16-14		62364	20.48	18.12	15.12	103.11	*
22-15-15		62366	21.14	16.85	15.44	102.91	*
30-18-00		62365	30.31	19.17		101.38	*
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Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY							
06-15-40		62193	6.26	16.62	39.81	102.82	
06-15-40		62194	6.27	17.26	39.39	103.49	
07-18-33		62189	7.38	19.03	32.2	101.37	*
07-18-33		62190	7.36	19.01	33.78	103.57	*
07-18-33		62195	7.12	18.85	33.33	102.06	*
07-18-33		62196	7.88	19.69	32.6	104.39	*
08-20-34		60671	7.75	19.54	33.91	99.13	
08-20-34		60670	8.90	21.91	<b>30.91</b>	100.39	
09-23-30		60672	8.43	24.17	28.81	99.16	
17-15-20		62192	17.04	16.59	20.73	103.32	*
17-15-20		62191	16.65	16.39	20.25	101.31	*
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Nutrien Ag Solutions - Glasgow Glasgow ,KY							
08-21-27		61574	8.55	21.51	27.41	103.73	
16-10-21		61578	16.39	<b>8.645</b>	21.92	100.66	*
18-06-29		61579	16.82	6.88	31.5	102.3	*
20-08-24		62265	19.14	8.54	25.12	100.09	*
20-23-00		61577	19.12	24.04		101.34	*
21-08-24		62266	19.77	8.77	24.52	100.01	*
22-11-20		61580	20.37	10	21.24	98.37	*
22-11-20		61581	21.05	10.79	20.35	100.22	*
27-14-14		61576	27.32	14.15	13.27	100.62	
35-08-08		61575	<b>33.62</b>	7.99	8.54	97.95	
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Nutrien Ag Solutions - Greeley Greeley ,CO							
00-00-21	'KMag	61912			23.2	110.48	*
00-00-22	'KMag	61660			22.51	102.32	*
00-00-22	'Sul-Po-Mag	60798			21.36	97.09	*
00-00-50	'SOP	62871			48.98	97.96	
00-00-50	'SOP	62166			49.83	99.66	
00-00-50	'SOP	61177			49.99	99.98	
00-00-50	'SOP	60944			51.69	103.38	
00-00-50	'SOP	61194			51.14	102.28	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-50	'SOP	62233			51.59	103.18	
00-00-50	'SP	61914			49.72	99.44	
00-00-58	'Aspire	61496			59.08	101.86	*
00-00-58	'Aspire	60584			57.4	98.97	*
00-00-60	'MOP	62360			59.93	99.88	
00-00-60	'MOP	62587			60.44	100.73	
00-00-60	'MOP	62882			59.1	98.5	
00-00-60	'MOP	62696			59.42	99.03	
00-00-60	'MOP	60956			59.78	99.63	
00-00-60	'MOP	62234			59.49	99.15	
00-00-60	'MOP	60953			59.07	98.45	
00-00-60	'MOP	60949			59.51	99.18	
00-00-60	'MOP	60948			60.46	100.77	
00-00-60	'MOP	62829			<b>58.42</b>	97.37	
00-00-60	'MOP	62881			59.42	99.03	
00-00-60	'MOP	62895			60.59	100.98	
00-00-60	'MOP	62897			60.51	100.85	
00-00-60	'MOP	61146			61.57	102.62	
00-00-60	'MOP	61191			60.42	100.7	
00-00-60	'MOP	61173			60.28	100.47	
00-00-60	'MOP	60422			60.31	100.52	
00-00-60	'MOP	61143			61.21	102.02	
00-00-60	'MOP	62165			60.56	100.93	
00-00-60	'MP	60562			59.56	99.27	
00-00-60	'MP	61754			60.11	100.18	
00-00-60	'MP	61744			60.07	100.12	
00-00-60	'MP	61107			60.94	101.57	
00-00-60	'MP	60606			<b>58.36</b>	97.27	
00-00-60	'MP	60585			60.11	100.18	
00-00-60	'MP	61990			59.72	99.53	
00-00-60	'MP	61908			59.81	99.68	
00-00-60	'MP	61049			59.42	99.03	
00-00-60	'MP	60529			62.21	103.68	
00-00-60	'MP	60536			60.96	101.6	
00-00-60	'MP	61111			59.65	99.42	
00-00-60	'MP	60795			58.85	98.08	
00-00-60	'MP	61538			60.71	101.18	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	61497			60.12	100.2	
00-00-60	'MP	60910			60.65	101.08	
00-00-60	'MP	61627			60.06	100.1	
00-00-60	'MP	60596			59.84	99.73	
00-00-60	'MP	61536			60.21	100.35	
00-00-60	'MP	61625			60.24	100.4	
00-00-60	'MP	60904			60.22	100.37	
00-00-60	'MP	60903			60.04	100.07	
00-46-00	'TSP	60537		45.37		98.63	
04-06-32	'4-6-32	60905	5.02	8.49	<b>30.22</b>	106.94	*
12-40-00	'MES	61755	11.80	41.49		102.35	*
12-40-00	'MES	61537	11.90	39.99		99.77	*
12-40-00	'MES	60423	11.48	39.29		97.63	*
12-40-00	'MES	60530	11.86	40.8		101.27	*
12-40-00	'MES	61533	12.12	39.56		99.43	*
12-40-00	'MES	61745	11.79	40.67		100.8	*
12-40-00	'MES	61051	11.60	40.35		99.8	*
12-40-00	'MES	61753	11.74	41.78		102.76	*
12-40-00	'MES 10	62880	11.98	39.54		99.1	*
12-40-00	'MES 10	62831	11.95	39.95		99.8	*
12-40-00	'MES 10	62896	12.16	40.39		101.07	*
12-40-00	'MES 10	60947	11.78	41.39		102.12	*
12-40-00	'MES 10	60954	11.44	40.62		99.97	*
12-40-00	'Mes 10	61109	11.95	40.23		100.32	*
12-40-00	'MES 10	61112	11.77	40.65		100.72	*
12-40-00	'MES 10	61144	11.83	41.03		101.56	*
12-40-00	'MES 10	61624	12.13	40.35		100.93	*
12-40-00	'MES 10	62357	11.94	41.63		102.91	*
12-40-00	'MES 10	60539	11.87	41.35		102.35	*
12-40-00	'MES 10	60946	11.69	41.23		101.63	*
12-40-00	'MES 10	60797	11.82	40.47		100.56	*
12-40-00	'MES 10	62699	12.01	40.23		100.45	*
12-40-00	'MES 10	61176	11.74	41.28		101.83	*
12-40-00	'MES 10	61189	11.72	40.73		100.77	*
12-40-00	'MES10	60586	11.94	40.8		101.42	*
12-40-00	'MES10	61498	12.03	40.59		101.16	*
12-40-00	'MES10	62163	12.06	41.05		102.08	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
12-40-00	'MES10	60607	11.80	39.42		98.5	*
12-40-00	'MES10	60564	11.73	39.26		98.06	*
12-40-00	'MES10	60605	11.46	40.36		99.65	*
12-40-00	'MES10	60527	11.96	41.09		102.02	*
12-40-00	'MEZ	60538	11.40	40.67		100.13	*
12-40-00	'MEZ	60907	11.59	40.14		99.39	
18-46-00	'DAP	62693	17.69	46.77		100.63	
18-46-00	'DAP	61172	17.62	46.65		100.33	
18-46-00	'DAP	60595	17.24	45.88		98.62	
18-46-00	'DAP	60796	18.32	45.33		99.45	
18-46-00	'DAP	60535	18.12	45.62		99.59	
18-46-00	'DAP	60945	17.62	46.51		100.12	
18-46-00	'DAP	61142	18.08	45.68		99.66	
18-46-00	'DAP	61626	17.65	45.51		98.66	
18-46-00	'DAP	61190	17.95	45.59		99.3	
18-46-00	'DAP	60563	17.37	46.05		99.09	
18-46-00	'DAP	61909	18.26	46.42		101.08	
18-46-00	'DAP	61910	18.26	47.48		102.67	
18-46-00	'DAP	62694	<b>16.55</b>	44.83		<b>95.76</b>	
18-46-00	'DAP	60957	17.65	45.81		99.11	
18-46-00	'DAP	61756	17.60	45.77		98.97	
18-46-00	'DAP	62898	17.90	45.79		99.51	
18-46-00	'DAP	62872	17.54	46.14		99.42	
18-46-00	'DAP	61050	17.18	46.28		99.02	
18-46-00	'DAP	60421	17.49	45.43		98.31	
18-46-00	'DAP	61623	17.63	45.22		98.19	
18-46-00	'DAP	61108	17.14	46.29		98.96	
18-46-00	'DAP	61535	17.67	45.88		99.25	
18-46-00	'DAP	61110	17.73	46.1		99.69	
18-46-00	'DAP	62588	17.44	44.78		97.21	
18-46-00	'DAP	61743	17.64	45.69		98.92	
18-46-00	'DAP	61141	17.99	46.45		100.66	
18-46-00	'DAP	60902	17.71	46.14		99.71	
18-46-00	'DAP	60528	17.67	46.82		100.77	
18-46-00	'DAP	60420	17.67	46.38		100.08	
18-46-00	'DAP	62160	17.66	45.31		98.38	
18-46-00	'DAP	61989	17.32	45.81		98.55	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	62238	17.64	46.29		99.82	
18-46-00	'DAP	62161	17.68	46.43		100.1	
20-00-00	'AS	62237	20.33			99.17	*
20-00-00	'AS	62695	20.54			102.7	*
20-00-00	'AS	62162	19.86			99.3	*
21-00-00	'AS	62827	20.52			97.71	*
21-00-00	'AS	61913	21.38			101.81	*
21-00-00	'AS	61147	20.66			98.38	*
21-00-00	'AS	61991	21.09			100.43	*
32-00-00	'32% UAN	60969	31.93			99.78	
32-00-00	'32% UAN	60968	31.78			99.31	
44-00-00	'ESN	61171	45.36			103.09	
44-00-00	'ESN	62590	45.22			102.77	
44-00-00	'ESN	62697	45.46			103.32	
44-00-00	'ESN	60604	45.07			102.43	
44-00-00	'ESN	60908	43.85			99.66	
44-00-00	'ESN	61539	44.76			101.73	
44-00-00	'ESN	60952	45.30			102.95	
44-00-00	'ESN	62359	45.46			103.32	
44-00-00	'ESN	60955	45.36			103.09	
44-00-00	'ESN	61193	45.43			103.25	
44-00-00	'ESN	62236	45.19			102.7	
44-00-00	'ESN	62828	45.42			103.23	
44-00-00	'ESN	61166	45.14			102.59	
44-00-00	'ESN	61741	45.00			102.27	
44-00-00	'ESN	61752	44.88			102	
44-00-00	'ESN	62884	45.49			103.39	
44-00-00	'ESN 44-0-0	61052	45.46			103.32	
44-00-00	'ESN 44-0-0	60565	44.67			101.52	
44-00-00	'ESN 44-0-0	60531	45.33			103.02	
46-00-00	'Urea	60958	46.09			100.2	
46-00-00	'Urea	61742	45.97			99.93	
46-00-00	'Urea	61192	46.20			100.43	
46-00-00	'Urea	60950	46.20			100.43	
46-00-00	'Urea	61145	46.00			100	
46-00-00	'Urea	60951	46.20			100.43	
46-00-00	'Urea	62589	46.09			100.2	

Values in bold are deficient.

\* Refer to Table 3



TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	62235	46.11			100.24	
46-00-00	'Urea	61911	46.01			100.02	
46-00-00	'Urea	61751	46.16			100.35	
46-00-00	'Urea	60911	46.18			100.39	
46-00-00	'Urea	61174	46.16			100.35	
46-00-00	'Urea	62358	46.12			100.26	
46-00-00	'Urea	60906	45.98			99.96	
46-00-00	'Urea	61140	46.20			100.43	
46-00-00	'Urea	61540	46.20			100.43	
46-00-00	'Urea	62883	46.00			100	
46-00-00	'Urea	62899	46.09			100.2	
46-00-00	'Urea	62830	46.18			100.39	
46-00-00	'Urea	61175	46.04			100.09	
46-00-00	'Urea	61628	46.18			100.39	
Nutrien Ag Solutions - Hardin Hardin ,KY							
06-20-30		60791	5.66	18.89	33.64	103.56	*
06-20-30		60790	5.54	18.71	32.52	101.08	*
06-20-30		61856	6.40	21.21	30.47	104.12	*
06-20-30		61860	5.96	20.32	31.98	103.53	*
06-20-30		61859	6.19	20.82	31.05	103.7	*
06-20-30		61853	6.13	20.79	30.7	102.97	*
06-20-30		61854	6.18	21.07	30.95	104.04	*
10-26-26		61857	10.28	27.12	27.02	103.13	
10-26-26		61858	10.00	27.33	26.87	102.74	
31-00-20		61855	30.02		21.08	100.1	
Nutrien Ag Solutions - Henderson Henderson ,KY							
09-23-30		62628	8.95	23.48	29.75	100.47	
09-23-30		62629	8.53	21.82	31.83	99.34	
Nutrien Ag Solutions - Kevil Kevil ,KY							
05-13-26		61977	5.06	13.16	27.14	102.78	*
06-00-43		62149	6.23		43.61	101.89	*
08-20-34		61976	8.24	21.35	34.62	104.22	
08-20-34		61915	8.27	20.16	35.22	102.88	
12-18-23		62150	11.60	18.05	23.48	100.39	*
12-18-23		62151	11.50	18.05	23.67	100.44	*
13-12-25		62158	13.70	12.94	25.49	102.98	*
Nutrien Ag Solutions - Lebanon Lebanon ,KY							

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		62583	9.46	24.6	28.85	102.33	
09-23-30		62582	9.15	23.57	<b>28.50</b>	99.36	
20-15-15		62577	20.13	14.99	16.13	101.43	*
20-15-15		62581	20.14	15.55	14.55	100.26	*
20-15-15		62579	20.49	15.53	16.03	103.26	*
20-15-15		62578	20.33	16.12	14.74	102.17	*
26-08-15		62585	25.58	7.89	17.11	102.78	*
26-08-15		62586	25.40	8.24	17.12	103.1	*
26-08-15		62584	25.57	8.59	15.86	102.32	*
27-09-15		62580	26.38	8.99	16.36	101.82	*
28-12-15		62232	27.17	11.23	14.81	98.54	
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Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY							
12-00-00	'ATS	62653	11.86			98.83	*
28-00-00		62929	26.56			<b>94.92</b>	*
28-00-00	'UAN 28-0-0	62651	27.42			97.93	
28-00-00	'UAN 28-0-0	62652	27.29			97.46	
30-00-00		62930	29.43			99.66	*
31-00-00		62927	29.93			97.18	*
31-00-00	'NexBlu 31-0-0	62928	30.25			97.58	
32-00-00	'UAN 32-0-0	62925	31.14			97.31	
32-00-00	'UAN 32-0-0	62926	31.05			97.03	
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Nutrien Ag Solutions - Morganfield Morganfield ,KY							
06-19-33		60724	6.25	19.48	33.11	100.52	*
06-19-33		60725	6.47	19.79	32.64	100.69	*
06-19-33		60730	6.12	19.01	33.95	100.83	*
06-19-33		60729	6.29	19.12	34.08	101.55	*
06-19-33		60727	6.40	19.6	32.82	100.52	*
06-19-33		60723	6.41	20.08	31.97	100	*
06-19-33		60726	6.49	19.72	33	101.19	*
06-19-33		60721	6.28	19.57	33.02	100.59	*
06-19-33		60722	6.14	19.13	33.83	100.89	*
06-19-33		60728	6.37	19.61	32.97	100.73	*
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Nutrien Ag Solutions - Pembroke Pembroke ,KY							
04-13-19		60714	4.75	13.14	19.83	102.64	*
04-13-19		60715	4.88	13.5	<b>17.10</b>	<b>96.87</b>	*
04-13-19		60716	4.80	13.98	<b>14.59</b>	<b>91.44</b>	*
04-13-19		60713	4.97	13.83	19.49	104.32	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
06-15-19		60719	6.03	14	18.17	<b>95.87</b>	
06-15-19		60720	6.04	14.38	19.52	100.14	
15-43-00		60718	14.46	41.84		97.07	*
15-43-00		60717	14.61	42.04		97.67	*
<hr/>							
Nutrien Ag Solutions - Riverport Owensboro ,KY							
06-20-30		62301	6.16	20.8	32.21	105.29	*
09-23-30		62302	9.12	24.45	30.45	103.51	
09-23-30		62303	9.33	23.65	31.17	103.41	
15-19-19		62300	15.00	20.05	19.71	102.84	*
19-19-19		62304	18.65	19.68	19.86	99.94	
19-19-20		62305	18.74	19.28	21.55	101.67	
28-10-14		62408	27.59	11.34	15.22	102.82	
28-10-14		62409	28.09	11.11	15.06	103.23	
41-00-00		62406	40.37			98.08	*
41-00-00		62407	40.51			98.44	*
<hr/>							
Nutrien Ag Solutions - Sacramento Sacramento ,KY							
05-14-36		62647	7.73	20.73	<b>34.44</b>	117.23	*
06-15-40		62840	6.01	15.45	40.25	100.59	
07-18-36		62844	6.90	18.11	36.23	99.39	
09-23-30		62845	8.86	22.83	30.87	100.55	
09-23-30		62839	8.99	23.78	30.8	102.45	
09-23-30		62838	8.93	23.16	30.85	101.27	
09-23-30		62648	9.77	24.64	<b>28.29</b>	102.3	
09-23-30		62841	9.02	23.09	30.2	100.47	
09-23-30		62842	8.75	22.63	29.47	98.11	
09-23-30		62843	8.49	22.23	31.06	98.95	
<hr/>							
Nutrien Ag Solutions - Sedalia Sedalia ,KY							
00-00-49		61793			51.8	106.58	*
00-00-52		60793			51.76	98.78	*
00-00-52		60794			51.45	98.19	*
00-00-52		60792			52.6	100.38	*
04-12-36		62209	3.97	13.14	<b>33.81</b>	99.48	*
04-12-36		62208	3.79	12.72	35.02	100.08	*
08-00-37		62205	7.80		37.11	99.44	*
09-23-30		62206	8.85	23.05	28.66	98.01	
09-23-30		62207	8.66	23.78	29.19	99.64	
21-15-20		61794	21.76	<b>13.46</b>	21.51	99.49	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Nutrien Ag Solutions - Shelbyville Shelbyville ,KY							
05-17-34		62539	5.07	16.11	35.07	98.87	*
09-12-14		62168	9.20	12.83	14.03	106.1	*
12-06-10		62169	12.49	6.07	10.28	105.19	*
17-04-15		62536	16.30	4.74	15.16	100.47	*
17-04-15		62537	16.91	4.7	14.52	101.02	*
17-04-15		62538	16.57	4.72	14.23	99.33	*
18-07-16		62689	19.17	<b>5.583</b>	15.6	100.56	*
19-19-19		62540	18.51	18.87	19.19	98.97	
21-04-13		62690	21.25	4.33	12.54	100.77	*
21-04-13		62691	20.94	4.21	13	100.4	*
21-04-13		62692	21.03	4.19	12.97	100.57	*
23-03-23		62700	23.78	4.69	<b>20.57</b>	<b>96.44</b>	*
28-08-13		62167	27.82	8.83	14.8	102.73	*
Nutrien Ag Solutions - Upton Upton ,KY							
09-17-35		62274	8.95	18.28	36.32	104.23	
11-23-27		62275	11.30	23.7	28.95	104.07	
15-20-17		62276	14.75	21.22	19.42	103.77	*
18-09-27		61842	17.65	9.52	28.04	102.58	*
19-19-19		61799	19.26	20.04	19.37	101.02	
19-19-19		61800	19.27	20.31	19.99	102.34	
20-12-24		61797	19.92	13.51	23.86	101.83	
21-15-20		61801	21.23	15.44	20.02	100.03	
26-00-26		61798	26.01		26.42	100.51	
27-14-14		61841	26.64	14.07	14.89	101.22	
Nutrien Ag Solutions - Waverly Waverly ,KY							
05-16-35		60766	4.55	15.38	36.15	101.27	*
05-16-35		60765	4.69	15.83	35.64	101.5	*
05-16-35		60764	4.62	15.63	35.78	101.23	*
05-16-35		60762	4.65	15.94	35.06	101.2	*
05-16-35		60763	4.58	15.8	35.4	101.4	*
06-19-31		60758	5.46	18.92	31.3	99.97	*
06-19-31		60761	5.43	18.49	32.47	101.13	*
06-19-31		60759	5.58	19.3	31.49	101.23	*
06-19-31		60760	5.52	19.18	31.91	101.62	*
06-19-31		60757	5.52	18.86	31.91	101.02	*
Nutrien Ag Solutions Inc Henderson ,KY							
31-00-00		62921	30.40			99.28	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
32-00-00	'UAN 32-0-0	62650	31.30			97.81	
32-00-00	'UAN 32-0-0	62649	31.36			98	
32-00-00	'UAN 32-0-0	62941	31.16			97.38	
32-00-00	'UAN 32-0-0	62940	31.60			98.75	
<hr/>							
Oakley Fertilizer North Little Rock ,AR							
00-00-60	'MP	62785			59.12	98.53	
46-00-00	'Urea	62717	46.08			100.17	
<hr/>							
Otis Bryant & Son, Inc. Caneyville ,KY							
15-15-22		62143	15.45	14.96	23.48	102.61	*
16-16-21		62144	15.62	16.44	23.38	102.71	*
17-17-17		61883	17.20	19	<b>14.40</b>	100.12	*
17-17-17		62142	16.50	19.23	18.59	105.19	*
17-17-18		62148	16.84	18.05	19.34	105.03	*
19-11-24		62145	18.99	11.65	24.68	102.12	*
19-17-13		62147	18.80	16.71	13.65	99.57	*
25-15-15		62146	26.70	14.52	14.36	100.94	
38-00-00		61884	37.52			99.6	*
38-00-00		61885	37.59			99.79	*
<hr/>							
Parker Farm Supply Port Royal ,KY							
00-00-50	'SOP	62811			51.37	102.74	
00-00-50	'SOP	62541			49.62	99.24	
00-00-60	'MOP	62544			60.1	100.17	
00-00-60	'MOP	60868			60.95	101.58	
00-00-60	'MOP	62814			59.95	99.92	
00-00-60	'MOP	60732			62.1	103.5	
05-24-31		62547	5.13	23.91	31.21	100.76	*
05-24-31		62545	5.01	23.77	32.22	101.65	*
05-24-31		62546	5.08	24.02	31.16	100.8	*
05-24-31		62548	5.08	23.38	32.68	101.7	*
05-24-31		62549	4.88	22.89	32.01	99.38	*
06-16-36		61374	6.71	17.3	35.19	101.63	*
06-16-36		61375	6.53	17.18	35.4	101.28	*
11-52-00	'MAP	62542	10.79	50.65		97.54	
18-46-00	'DAP	61377	17.83	45.92		99.59	
18-46-00	'DAP	62812	17.68	46.35		99.98	
26-00-27		62550	25.77		27.43	101.63	
26-12-16		61372	26.73	12.62	15.8	101.37	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
26-12-16		61373	26.58	12.36	15.55	100.23	
26-12-16		61371	27.42	11.88	15.32	100.81	
27-14-14		61376	27.86	13.18	13.25	99.96	
46-00-00	'Urea	60731	46.06			100.13	
46-00-00	'Urea	61378	46.16			100.35	
46-00-00	'Urea	62813	46.20			100.43	
46-00-00	'Urea	62543	46.15			100.33	
Parrish Shop & Sales, LLC Henderson ,KY							
07-24-06	'7-24-6 Plus 4% Sulfur Parrish Ortho Max	61532	7.26	24	6.34	101.5	*
Patriot Ag LLC - Clinton Clinton ,KY							
06-15-19		60667	6.45	14.12	19.04	100.69	
09-23-30		60669	8.63	22.34	30.11	98.45	
09-23-30		60668	8.87	22.52	29.81	98.68	
12-17-22		61994	11.85	17.28	22.15	99.16	*
12-17-22		61993	11.84	17.94	23.39	102.44	*
12-17-22		61996	11.88	17.71	23.28	101.89	*
12-17-22		61995	11.73	17.39	22.61	99.82	*
12-17-22		61997	11.64	17.54	23.73	101.64	*
Patriot Ag LLC - Mayfield Mayfield ,KY							
00-00-50	'SOP	60665			49.79	99.58	
00-00-60	'MOP	62199			61.47	102.45	
00-00-60	'MP	60662			59.08	98.47	
00-00-60	'MP	60967			58.86	98.1	
00-46-00	'TSP	60666		46.11		100.24	
07-19-36		62287	7.22	19.8	36.4	102.92	
08-21-32		62204	8.00	20.34	32.09	97.23	
08-21-32		62203	7.95	20.48	32.18	97.5	
09-23-30		62202	8.80	23.4	30.52	101	
09-23-30		62201	8.83	22.51	29.05	97.5	
09-24-29		62198	8.84	24.34	30.37	102.05	
09-24-29		62197	8.81	23.18	31.12	100.88	
11-28-23		62288	10.65	29.2	24.8	102.77	
18-46-00	'DAP	60663	17.76	45.64		99.06	
18-46-00	'DAP	62200	17.54	46.65		100.19	
18-46-00	'DAP	60966	16.66	<b>44.02</b>		<b>94.73</b>	
21-00-00	'AS	60664	20.62			98.19	*

Perfect Blend LLC Bellevue ,WA

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
04-04-02	'Perfect Blend Organics 4-4-2	61200	4.06	5.52	3.07	123.65	*
Plantation Products, Inc. Norton ,MA							
04-04-04	'Superthrive All Purpose Fertilizer	61016	4.65	4.93	4.26	116.21	*
Pleasant View Agri-Service Auburn ,KY							
18-18-18		62152	17.46	18.26	18.67	101.66	
18-18-18		62157	17.69	19.49	17.24	102.48	
18-18-18		62156	18.04	18.12	17.79	101.39	
Prewitt Farm Supply, Inc. Williamsburg ,KY							
10-10-10	'10-10-10	60418	<b>8.32</b>	9.87	11.44	98.36	
20-10-20	'20-10-20	60419	21.05	10.03	<b>17.23</b>	<b>96.95</b>	*
Pro Ag Sales & Service - Danville Danville ,KY							
10-10-10	'Pro Ag	62442	9.95	9.55	10.2	98.74	
10-10-10	'Pro Ag	61709	9.71	<b>8.86</b>	11.03	97.49	
10-10-10	'ProAg	62664	<b>9.04</b>	<b>8.84</b>	9.565	<b>91.02</b>	
12-00-30		61599	11.18		31.94	103	
14-06-18		61962	14.48	6.13	18.36	104.82	*
19-19-19	'19-19-19	60411	20.55	19.58	<b>17.8</b>	101.84	
19-19-19	'Pro Ag	61708	18.69	<b>17.45</b>	21.11	99.33	
19-19-19	'Pro Ag	62443	18.57	18.13	19.79	98.56	
19-19-19	'Pro Ag	61820	18.57	20	19.72	101.9	
19-19-19	'ProAg	62665	18.90	<b>17.24</b>	19.88	97.74	
22-11-18		61602	21.87	9.99	21.04	101.07	*
23-00-30		61600	22.79		31.72	101.97	
23-00-30		61601	22.20		30.92	99.5	
35-00-07		61960	35.40		8.29	103.09	*
35-00-07		61961	33.95		9.65	101.62	*
35-00-07		61959	35.02		8.49	102.45	*
46-00-00	'Urea	61598	46.20			100.43	
Pro Solutions - Crofton Crofton ,KY							
07-24-24		60652	7.75	25.26	<b>22.11</b>	98.95	*
07-24-24		60651	7.20	23.34	25.48	100.14	*
07-24-24		60653	7.28	24.79	24.37	101.07	*
07-24-24		60655	7.38	24.93	24.76	101.92	*
07-24-24		60656	7.24	23.36	24.74	98.84	*
07-24-25		60654	7.29	23.14	24.44	98.15	*
08-25-25		61562	8.09	24.81	25.54	101.35	*
08-25-25		61563	8.01	24.46	24.82	99.44	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Pro Solutions - Hiseville Hiseville ,KY							
04-11-14		61305	3.89	10.28	14.85	101.18	
06-06-06		61303	7.79	8.03	5.91	115.97	
18-18-18		61306	17.75	17.58	20.22	101.81	
20-11-24		61310	19.66	11.65	23.71	99.37	*
21-14-21		61309	<b>19.40</b>	13.92	24.58	100.5	
24-07-18		61304	24.78	8.81	19.44	107.76	*
24-07-18		61301	24.12	9.18	19.99	107.8	*
24-07-18		61302	22.80	9.51	21.22	107.22	*
25-13-13		61307	24.83	13.92	13.43	102.41	
25-15-15		61308	25.27	16.1	14.25	100.78	
Pro Solutions - Springfield Springfield ,TN							
00-00-60	'MOP	60417			59.27	98.78	
00-00-60	'MOP	60964			59.71	99.52	
00-00-60	'MOP	60962			61.09	101.82	
00-00-60	'MOP	60416			59.36	98.93	
00-00-60	'MOP	60960			60.34	100.57	
00-00-60	'MP	60661			60.49	100.82	
00-00-60	'MP	60841			59.93	99.88	
00-00-60	'MP	60660			59.22	98.7	
00-00-60	'MP	60840			60.36	100.6	
12-40-00	'MES 10	60659	11.31	40.89		100.38	*
12-40-00	'MES 10	60415	11.10	<b>37.12</b>		<b>92.73</b>	*
12-40-00	'MESZ	60838	11.55	39.34		97.82	*
18-46-00	'DAP	60413	17.18	44.74		<b>96.75</b>	
18-46-00	'DAP	60836	17.50	45.74		98.64	
18-46-00	'DAP	60837	17.68	46.99		100.75	
18-46-00	'DAP	60961	17.82	46.27		100.1	
18-46-00	'DAP	60658	17.43	44.93		97.44	
18-46-00	'DAP	60657	17.33	45.66		98.42	
18-46-00	'DAP	60414	17.38	45.51		98.27	
46-00-00	'Urea	60839	46.00			100	
46-00-00	'Urea	60963	46.10			100.22	
46-00-00	'Urea	60965	46.10			100.22	
Reliance Ag - Russellville Russellville ,KY							
08-20-29		62102	7.78	19.26	30.61	101.93	*
08-20-29		62103	7.27	18.72	30.43	99.4	*
09-22-26		60784	8.21	22.29	26.02	101.25	*

Values in bold are deficient.

\* Refer to Table 3



**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-22-26		60787	8.33	21.84	25.32	99.43	*
09-22-26		60785	8.43	22.56	25.29	100.9	*
09-22-26		60786	8.20	21.59	25.86	99.65	*
09-23-24		62104	8.71	22.78	25.56	100.44	*
09-23-25		62106	8.67	22.5	26	100.45	*
09-23-25		62105	8.74	22.87	25.71	100.91	*
28-12-15		61456	27.13	11.63	15.95	100.75	
Rhodes Farm Supply Scottsville ,KY							
08-14-14	'Rhodes 8-14-14	62893	8.64	15.15	14.56	106.86	
10-10-10	'Rhodes 10-10-10	62891	12.48	26.31	23.08	199.97	
15-15-15	'Rhodes 15-15-15	62892	15.39	15.51	17.14	105.85	
19-19-19	'Rhodes 19-19-19	62890	20.77	19.09	19.05	103.93	
Rip's Farm Center - Tollesboro Tollesboro ,KY							
00-00-50	'SP	62495			50.59	101.18	
00-00-60	'MP	62512			60.09	100.15	
00-00-60	'MP	62497			60.15	100.25	
04-12-15		62763	4.33	<b>10.06</b>	17.09	99.6	
04-12-15		62765	4.52	11.4	15.78	101.78	
04-12-15		62764	4.40	10.97	14.72	<b>96.88</b>	
06-24-24	'6-24-24	61652	9.73	25.41	24.79	112.9	
06-24-24	'Rip s Farm Center	62499	9.63	24.59	27.66	115.3	
10-10-10	'10-10-10	62353	10.07	11.44	9.76	104.69	
10-10-10	'10-10-10	62356	9.77	10.28	9.8	99.55	
10-10-10	'10-10-10	62355	9.44	9.4	9.30	<b>93.9</b>	
10-10-10	'10-10-10	62354	9.65	10.29	9.48	98.3	
10-10-10	'10-10-10	62350	10.04	9.94	10.18	100.41	
10-10-10	'10-10-10	62351	9.64	10.29	10.91	101.9	
10-10-10	'10-10-10	62352	9.59	10.23	9.98	99.12	
10-10-10	'Rip s Farm Center	62773	12.22	13.06	19.34	143.23	
10-10-10	'Rip s Farm Center	62345	12.21	12.63	11.94	122.88	
10-10-10	'Rip s Farm Center	62761	10.10	10.68	10.92	105.11	
10-10-10	'Rip s Farm Center	62500	10.21	10.98	10.24	104.86	
10-10-10	'Rip s Farm Center	62675	9.55	10.99	11.11	104.49	
12-12-12	'12-12-12	61653	13.09	11.75	12.59	104.13	
12-12-12	'Rip s 12-12-12	62681	12.79	12.24	12.34	104.03	
15-00-34		62852	17.34		33.16	100.01	
15-00-34		62851	16.96		34.53	102.55	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-00-34		62850	15.68		34.89	101.5	
15-00-34		62853	18.45		<b>32.15</b>	99.34	
18-46-00	'DAP	62513	17.66	45.47		98.62	
18-46-00	'DAP	62498	17.61	46.1		99.48	
19-19-19		62523	18.59	18.76	21.53	100.15	
19-19-19	'Rip s Farm Center	62346	18.30	21.02	20.06	103.66	
19-19-19	'Rip s Farm Center	62503	19.03	<b>17.54</b>	20.54	99.44	
19-19-19	'Rip s Farm Center	62774	19.33	20.19	18.26	101.88	
19-19-19	'Rip s Farm Center	62504	17.70	19.1	21.46	100.76	
19-19-19	'Rip s Farm Center	62501	18.07	19.05	20.03	99.53	
19-19-19	'Rip s Farm Center	62502	18.72	19.79	19.92	102.1	
19-19-19	'Rip s Farm Center	62762	18.72	19.09	19.89	100.77	
28-13-13		62522	27.29	13.28	14.45	100.62	
28-13-13		62494	<b>25.50</b>	13.96	14.62	98.36	
30-12-12		62518	29.54	11.42	12.48	99.83	
30-12-12		62519	29.70	12.07	12.57	101.48	
30-12-12		62515	28.90	11.76	13.08	99.92	
30-12-12		62521	29.24	11.81	12.54	100	
30-12-12		62514	29.36	12.21	12.18	100.5	
30-12-12		62520	28.77	11.83	13.22	99.96	
40-09-00		62517	39.68	8.67		97.69	
40-09-00		62516	39.41	9.88		99.33	
46-00-00	'Urea	62511	46.17			100.37	
46-00-00	'Urea	62496	45.98			99.96	
<hr/>							
Rogers Fertilizer & Services LLC Lebanon ,KY							
00-00-60	'MOP	61475			61.12	101.87	
02-00-14		62475	1.87		13.05	99.64	*
02-00-14		62476	1.86		14.15	106.41	*
02-00-14		62477	1.85		14.28	107.12	*
09-17-27		62470	9.37	17.45	27.83	103.08	*
10-17-28		62473	10.54	16.05	28.22	99.65	*
18-05-07		62471	18.46	5.62	6.75	102.4	*
18-46-00	'DAP	62478	18.00	46.46		100.69	
18-46-00	'DAP	61474	18.30	45.9		100.36	
21-00-00	'AS	61476	20.91			99.57	*
27-08-10		62480	26.80	8.03	10.74	100.34	*
27-08-10		62474	26.89	7.83	10.85	100.3	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
28-09-16		62469	28.55	8.64	15.91	99.72	
41-00-00		62472	39.57			97.66	*
46-00-00	'Urea	61473	46.15			100.33	
<hr/>							
Rootblast International INC Canton ,OH							
02-01-02	'Root Blast 2-1-2	61074	2.52	1.98	2.73	144.43	*
<hr/>							
SBM Life Science Corporation Cary ,NC							
22-00-04	'Bio Advanced 5 in 1 Weed and Feed 22-0-4	62901	23.03		4.22	104.77	*
<hr/>							
Scotts Miracle-Gro Products Inc Marysville ,OH							
24-08-16	'Miracle-Gro	62032	26.63	7.19	<b>14.31</b>	102.03	*
<hr/>							
Seventy Feeds LLC Eubank ,KY							
00-00-60	'MOP	61726			60.47	100.78	
18-46-00	'DAP	61725	17.69	45.35		98.49	
46-00-00	'Urea	61724	45.99			99.98	
<hr/>							
Simplot AB Retail Sub Inc Boise ,ID							
00-00-50	'SOP	60896			51.03	102.06	
00-00-50	'SOP	62870			49.73	99.46	
00-00-50	'SP	61419			50.9	101.8	
00-00-60	'MOP	60432			59.19	98.65	
00-00-60	'MOP	60437			59.34	98.9	
00-00-60	'MOP	60438			59.36	98.93	
00-00-60	'MOP	60439			59.47	99.12	
00-00-60	'MOP	60431			60.12	100.2	
00-00-60	'MOP	62865			60.2	100.33	
00-00-60	'MOP	60430			59.78	99.63	
00-00-60	'MOP	61892			60.43	100.72	
00-00-60	'MOP	61234			60.85	101.42	
00-00-60	'MOP	61096			60.99	101.65	
00-00-60	'MOP	61097			60.53	100.88	
00-00-60	'MOP	61235			60.15	100.25	
00-00-60	'MP	61421			60.68	101.13	
00-00-60	'MP	60901			60.23	100.38	
00-00-60	'MP	60592			59.33	98.88	
00-00-60	'MP	60593			60.34	100.57	
00-00-60	'MP	60478			62.34	103.9	
00-00-60	'MP	60900			59.19	98.65	
00-00-60	'MP	61422			61.59	102.65	
00-46-00	'TSP	60479		45.17		98.2	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	61236	17.64	45.93		99.28	
18-46-00	'DAP	61237	17.84	45.43		98.87	
18-46-00	'DAP	60899	17.73	46.37		100.09	
18-46-00	'DAP	60477	18.43	45.63		100.09	
18-46-00	'DAP	60436	18.05	46.53		100.91	
18-46-00	'DAP	60435	18.13	46.34		100.73	
18-46-00	'DAP	60898	17.85	45.7		99.29	
18-46-00	'DAP	60434	17.99	45.64		99.42	
18-46-00	'DAP	60433	17.28	45.46		98.03	
18-46-00	'DAP	61894	17.48	46.57		99.97	
18-46-00	'DAP	61420	17.69	45.86		99.26	
18-46-00	'DAP	62869	18.68	46.32		101.65	
18-46-00	'DAP	61099	17.66	45.93		99.31	
18-46-00	'DAP	60591	18.27	47.23		102.34	
21-00-00	'AMS	61095	20.75			98.81	*
21-00-00	'AMS	61233	21.06			100.29	*
21-00-00	'AS	61417	21.09			100.43	*
21-00-00	'AS	60897	20.60			98.1	*
21-00-00	'AS	60590	20.58			98	*
21-00-00	'AS	62868	21.28			101.33	*
46-00-00	'Urea	61418	46.06			100.13	
46-00-00	'Urea	60594	46.01			100.02	
46-00-00	'Urea	61239	46.15			100.33	
46-00-00	'Urea	62867	46.11			100.24	
46-00-00	'Urea	62866	46.14			100.3	
46-00-00	'Urea	61893	46.07			100.15	
46-00-00	'Urea	61238	45.77			99.5	
46-00-00	'Urea	61098	45.84			99.65	
46-00-00	'Urea	61896	46.06			100.13	
Simplot Grower Solutions - Franklin Franklin ,KY							
05-14-16		60753	5.89	13.96	16.19	102.32	*
05-14-16		60754	5.92	13.62	17.78	105.73	*
07-17-15		60751	7.55	18.11	14.4	104.53	
07-17-15		60756	7.27	17.11	15.62	104.12	
07-17-15		60755	6.91	16.83	15.76	102.75	
07-17-15		60752	7.04	15.91	17.51	104.97	
09-23-30		60685	8.44	21.9	31.36	99.32	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		60687	<b>7.94</b>	21.61	31.62	98.4	
09-23-30		60688	8.42	22.82	31.71	101.37	
09-23-30		60686	8.74	23.33	29.74	99.71	
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Simplot Grower Solutions - Fancy Farm Fancy Farm ,KY							
10-26-26		62210	10.75	28.23	<b>22.62</b>	100.37	
10-26-26		62211	10.34	27.93	<b>22.36</b>	98.69	
12-16-28		62181	11.00	17.35	29.95	103.74	*
12-16-28		62182	11.63	18.24	28.54	104.9	*
12-16-28		62186	11.67	16.48	29.02	102.17	*
12-16-28		62185	11.50	17.57	28.07	102.58	*
21-13-17		62188	20.54	15.21	17.19	102.51	*
21-13-17		62187	20.61	15.15	17.25	102.64	*
21-13-17		62184	19.86	15.18	16.98	100.59	*
21-13-17		62183	<b>19.60</b>	14.23	19.23	101.38	*
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Simplot Grower Solutions - Glasgow Glasgow ,KY							
21-15-20		61886	21.27	15.59	20.46	100.97	
21-15-20		61887	21.66	15.11	20.25	100.62	
22-00-32		61889	22.45		32.35	102.81	
22-00-32		61895	20.53		33.75	100.37	
22-15-19		61999	22.05	14.79	19.11	99.58	*
22-15-19		62000	22.40	15	19.44	101.16	*
22-15-19		62001	22.52	15.09	19.87	102.15	*
24-16-16		61888	25.34	15.45	15.41	101.03	
39-00-00		61890	38.03			98.4	*
39-00-00		61891	38.94			100.75	*
<hr/>							
Simplot Grower Solutions - Hartford Hartford ,KY							
11-08-39		62632	10.60	8.67	40.86	102.51	
11-08-39		62631	10.37	8.72	40.79	101.98	
12-31-17		62294	11.59	31.04	18.21	101.82	
12-31-17		62295	11.31	30.63	18.5	100.9	
19-19-20		62296	18.62	19.67	20.81	101.11	
23-09-23		62298	21.95	10.51	23.98	102.35	
23-09-23		62299	21.94	9.97	24.91	102.59	
26-13-16		62297	25.24	13	17.65	101.51	
34-00-00		62630	<b>32.12</b>			<b>95.88</b>	*
35-00-00		62410	<b>33.84</b>			<b>96.03</b>	*
35-00-00		62411	<b>33.62</b>			<b>95.4</b>	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Simplot Grower Solutions - Russellville Russellville ,KY							
08-20-22		60750	7.55	19.01	23.14	99.63	*
08-20-22		60744	7.82	19.96	21.97	99.92	*
08-20-22		60748	7.65	19.69	22.61	100.23	*
08-20-22		60749	7.72	19.77	22.13	99.62	*
08-20-33		60810	8.55	20.72	34.11	102.6	
08-20-33		60808	8.53	20.92	34.13	102.94	
08-20-33		60809	8.36	20.85	34.75	103.5	
09-24-21		60746	8.90	22.85	20.83	98.19	*
09-24-21		60745	9.03	23.27	20.47	98.61	*
09-24-21		60747	8.92	22.67	21.88	99.75	*
South Central Farm Supply Gamaliel ,KY							
19-19-20		62139	19.49	19.32	20.5	101.82	
20-19-19		62011	19.49	19.83	19.72	101.38	
20-19-19		62014	19.58	21.93	18.25	103.41	
20-19-19		62141	18.75	19.57	20.51	100.64	
24-18-15		62007	23.79	19.65	14	101.88	
28-00-24		62138	27.05		26.02	101.73	
28-00-24		62005	26.68		26.37	101.39	
28-12-15		62008	27.10	12.36	15.81	101.85	
28-12-15		62006	27.19	11.93	16.13	101.68	
28-12-15		62140	27.47	12.47	15.8	102.83	
Southern FS Inc - Hickman Hickman ,KY							
13-15-20		61988	13.55	15.24	20.69	102.32	*
13-15-20		61987	13.08	15.36	21.03	101.95	*
16-16-21		61983	15.74	16.42	21.93	103.38	*
16-16-21		61984	15.61	15.7	22.72	102.78	*
16-16-21		61985	15.93	15.87	21.78	102.47	*
16-16-21		61986	15.73	16.5	21.84	103.39	*
18-46-00 'DAP		60805	18.06	46.08		100.22	
Southern FS, INC Marion ,IL							
00-00-60 'MOP		60484			60.52	100.87	
00-00-60 'MOP		60483			60.98	101.63	
00-00-60 'MOP		60485			59.88	99.8	
00-00-60 'MOP		60486			60.59	100.98	
00-00-60 'MP		60575			60.09	100.15	
00-00-60 'MP		60925			59.86	99.77	
00-00-60 'MP		60923			60.01	100.02	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	60880			60.5	100.83	
00-00-60	'MP	60881			59.72	99.53	
00-00-60	'MP	60879			60.23	100.38	
11-52-00	'MAP	60481	10.96	52.92		101.4	
11-52-00	'MAP	60482	11.23	51.15		99.02	
12-40-00	'MES 10	60480	11.83	39.84		99.37	*
18-46-00	'DAP	60924	18.05	46.11		100.25	
18-46-00	'DAP	60488	17.64	46.22		99.78	
18-46-00	'DAP	60876	17.86	45.9		99.61	
18-46-00	'DAP	60884	18.63	44.52		98.85	
18-46-00	'DAP	60875	18.19	45.77		99.98	
18-46-00	'DAP	60926	18.02	45.53		99.33	
18-46-00	'DAP	60882	18.12	46.5		100.96	
21-00-00	'AS	60883	20.87			99.38	*
21-00-00	'AS	60927	20.56			97.9	*
21-00-00	'AS	60885	20.76			98.86	*
46-00-00	'Urea	60878	46.20			100.43	
46-00-00	'Urea	60487	46.06			100.13	
46-00-00	'Urea	60874	46.20			100.43	
46-00-00	'Urea	60877	46.17			100.37	
Southern States - Bowling Green Bowling Green ,KY							
06-15-24		60782	6.11	14.86	24.8	103.72	*
06-15-24		60783	6.17	15.53	23.35	102.28	*
09-22-29		60781	8.47	23.58	29.87	102.38	*
09-22-29		60779	9.32	24.53	28.48	103.26	*
09-22-29		60780	8.24	23.72	29.6	101.79	*
09-22-29		60697	8.34	21.48	31.23	101.53	*
09-22-29		60698	8.75	23.45	29.28	102.53	*
09-22-29		60699	10.81	23.18	28.22	103.93	*
09-22-29		60700	9.30	24.16	<b>27.45</b>	101.78	*
09-23-30		60778	9.37	24.88	30.24	104.14	
Southern States - Cadiz Cadiz ,KY							
08-19-34		60806	7.50	19.73	34.61	101.76	*
08-19-34		60807	7.80	20.15	34.04	102	*
13-20-20		60648	12.61	20.32	20.05	99.87	*
13-20-20		60647	12.51	21.13	19.05	99.56	*
13-21-20		60649	12.67	19.52	20.11	98.7	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
13-21-20		60650	12.21	19.96	21.35	101	*
14-25-22		61556	13.82	25.47	22.69	101.59	
14-25-22		61553	13.38	25.38	22.49	100.34	
14-25-22		61554	13.32	25.27	23.5	101.26	
14-25-22		61555	13.23	26	22.66	101.28	
19-20-19		61557	19.36	19.55	19.83	100.78	
24-16-16		61552	25.08	16.8	15.8	103.38	
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Southern States - Calhoun Calhoun ,KY							
06-15-40		62627	5.96	15.09	40.69	101.18	*
06-15-40		62626	6.37	15.41	40.93	102.84	*
06-15-40		62624	6.53	16.35	39.52	103.13	*
06-15-40		62625	6.15	15.46	40.47	101.9	*
09-23-30		62291	9.36	24.49	29.77	103.07	
09-23-30		62290	9.70	24.55	<b>28.08</b>	101.72	
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Southern States - Campbellsville Campbellsville ,KY							
14-14-14		61715	14.24	14.52	13.84	101.84	
15-00-40		61712	14.76		42.43	102.41	
18-17-17		62434	19.48	16.41	<b>14.76</b>	99.85	*
19-19-19		62262	19.17	21.25	18.85	104.28	
24-11-14		62435	25.82	<b>9.585</b>	13.27	100.35	*
24-11-14		62436	23.52	10.95	15.52	101.3	*
25-11-14		62426	25.82	10.56	14.01	102.19	*
26-00-26		62437	<b>7.97</b>		34.02	<b>69.72</b>	
26-06-18		62744	25.74	7.46	<b>14.48</b>	97.27	
26-12-17		61713	25.22	11.44	17.25	98.69	
26-12-17		61714	25.74	11.35	17.39	99.82	
26-13-11		62425	24.93	13.60	12.36	101.91	*
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Southern States - Cynthia Cynthia ,KY							
04-00-48		61688	4.47		48.33	101.46	*
04-00-48		61689	4.36		47.08	99.04	*
04-00-48		61690	4.10		47.45	98.95	*
04-00-48		61691	4.18		47.75	99.73	*
05-13-44		62090	5.19	12.31	44.53	101.46	
08-00-36		61684	8.81		35.58	100.88	*
11-13-27		62091	11.05	12.49	27.5	101.43	*
19-05-19		61683	19.52	5.42	20	104.98	*
38-00-00		62089	36.40			<b>96.63</b>	*

Values in bold are deficient.

\* Refer to Table 3



**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
38-00-00		61686	37.62			100.13	*
38-00-00		61687	36.77			97.61	*
38-00-00		61685	37.19			97.38	*
39-00-00		61682	38.92			100.15	*
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Southern States - Elizabethtown Elizabethtown ,KY							
10-10-10		61740	11.00	10.07	10.57	107.34	
15-15-25		61733	15.51	15.18	25.68	103.39	*
15-15-25		61734	15.33	15.48	24.78	102.26	*
16-22-22		61796	16.66	22.66	21.34	102.3	
19-19-19		61735	19.48	19.43	19.71	100.8	
19-19-19		61736	19.19	19.58	20.41	101.39	
19-19-19		61737	20.01	21.54	19	104.75	
19-19-19		61738	18.84	20.16	20.66	102.05	
19-19-19		61739	19.52	20.1	19.82	102.24	
25-15-15		61795	<b>22.60</b>	19.45	15.62	103.28	
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Southern States - Elkton Elkton ,KY							
08-20-29		60682	7.77	20.02	30.56	102.63	*
08-20-29		60694	7.54	19.94	30.56	102.07	*
08-20-29		60696	7.56	20.45	29.73	101.63	*
08-20-29		60695	7.25	19.18	30.26	99.64	*
08-20-29		60681	8.06	20.82	28.59	101.3	*
10-26-15		60693	9.84	26.35	16.48	101.77	*
10-26-15		60692	9.90	26.23	16.5	101.69	*
10-26-15		60691	9.64	25.75	17.51	102.07	*
10-26-15		60684	10.25	26.57	16.67	104.26	*
10-26-21		60683	10.16	27.21	<b>16.10</b>	<b>94.3</b>	*
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Southern States - Eminence Eminence ,KY							
05-13-43		61943	5.49	13.28	44.62	103.91	*
07-18-37		61939	7.51	19.08	36.73	103.7	
19-12-26		61941	19.36	11.99	26.41	101.86	
19-12-26		61942	18.95	12.37	26.44	101.74	
19-19-19		61641	18.97	19.91	20.46	101.63	
19-19-19		61777	18.86	19.82	20.72	101.6	
22-00-24		61642	22.61		25	101.97	*
23-00-24		61643	21.71		25.28	99.81	*
26-00-26		61940	25.35		27.22	100.08	
27-14-14		61639	27.90	13.65	13.93	101.8	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
28-00-24		61644	27.62		24.67	101.05	
28-00-24		61640	27.19		24.99	100.55	
31-00-20		61779	30.58		21.05	101.34	
32-04-15		61778	32.14	4.11	15.69	101.46	
<hr/>							
Southern States - Flemingsburg Flemingsburg ,KY							
04-09-48		62083	3.70	8.34	49.05	100.04	
08-00-00		62082	7.85			102.35	
14-00-00		62077	13.91			100.43	*
19-20-19		62085	19.84	19.31	20.19	101.77	
22-25-11		62086	22.67	25.39	11.42	101.99	
23-00-30		62084	22.08		31.8	100.55	
24-07-07		62078	24.69	6.8	7.9	104.22	*
24-07-07		62080	23.45	8.09	7.01	102.17	*
24-07-07		62079	24.19	6.45	7.22	100.59	*
24-07-07		62081	23.10	6.43	7.09	97.05	*
<hr/>							
Southern States - Franklin Franklin ,KY							
09-23-22		60689	9.52	24.84	21.63	104.11	*
09-23-22		60690	8.99	23.51	22.94	102.87	*
09-23-26		60679	9.23	25.22	25.32	102.26	*
09-23-26		60680	8.98	23.45	27.95	102.99	*
09-23-30		60676	8.96	22.41	31.2	100.8	
09-23-30		60678	9.06	22.97	31.39	102.2	
09-23-30		60677	8.66	22.85	30.95	100.65	
10-25-24		60674	10.46	27.15	<b>21.16</b>	99.82	*
10-25-24		60673	9.90	26.17	23.33	100.63	*
10-25-24		60675	9.89	26.33	24.54	102.85	*
<hr/>							
Southern States - Georgetown Georgetown ,KY							
03-00-00		61431	5.74	0.36		179.94	*
05-00-40		61433	5.75	0.41	39.4	100.73	*
15-00-32		61591	14.81		32.78	102.48	*
15-00-32		61590	14.81		33.65	104.08	*
17-00-25		61595	17.15		26.87	103.29	*
19-06-31		61432	19.07	5.32	30.82	99.63	
22-00-24		61594	21.78		24.88	102.01	*
23-00-15		61592	23.83		15.76	103.25	*
23-00-15		61593	23.68		14.53	100.39	*
34-00-00		61434	34.83	0.5		102.67	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
36-00-00		61589	36.48			101.33	*
<hr/>							
Southern States - Glasgow Glasgow ,KY							
15-23-23		61570	13.92	22.21	25.32	100.84	
19-19-19		61573	19.29	19.32	20.14	100.77	
19-19-19		61569	17.94	20.02	21.52	101.09	
19-19-19		61565	18.30	18.81	21.93	100.17	
19-19-19		61566	18.03	19.34	21.46	99.96	
19-19-19		61568	18.12	18.81	22.58	100.66	
27-14-14		61572	25.97	14.31	15.63	101.25	
27-14-14		61571	<b>25.50</b>	14.71	15.64	100.99	
27-14-14		61567	26.65	14.29	13.75	100.12	
27-14-14		61564	26.52	13.99	14.59	100.42	
<hr/>							
Southern States - Hardinsburg Hardinsburg ,KY							
09-16-32		62380	9.12	16.24	31.06	99.33	*
09-16-32		62379	9.11	16.39	31.91	100.86	*
11-28-24		62372	10.34	26.95	24.01	97.83	
18-18-18		62371	17.56	17.9	17.62	99.43	*
18-18-18		62381	17.52	17.46	18.24	99.34	*
19-19-19		62373	19.43	19.52	19.33	100.26	
19-19-19		62378	19.46	18.38	20.22	99.52	
20-10-20		62374	19.66	10.25	19.74	100.2	*
20-10-20		62375	19.50	10.34	19.11	99.02	*
20-10-20		62376	19.71	9.92	19.84	99.72	*
20-10-20		62377	19.65	10.2	19.63	99.85	*
<hr/>							
Southern States - Harrodsburg Harrodsburg ,KY							
23-00-30		62306	23.10		31.51	102.53	
<hr/>							
Southern States - Henderson Henderson ,KY							
09-23-25		62414	9.20	23.48	25.71	101.35	*
09-23-30		62413	9.20	23.04	30.9	101.69	
09-23-30		62412	9.14	22.94	30.48	100.86	
09-23-30		62417	8.87	23.54	30.58	101.47	
09-23-30		62415	9.01	23.83	30.48	102.16	
09-23-30		62416	9.08	23.2	30.62	101.35	
11-15-25		62619	11.38	15.78	25.19	102.28	*
11-15-25		62618	11.04	14.81	25.53	99.86	*
15-17-13		62418	15.22	17.21	13.9	102.66	*
15-17-13		62419	15.49	16.99	13.31	101.94	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Southern States - Hodgenville Hodgenville ,KY							
11-25-25		61356	11.92	25.26	24.78	100.69	
16-10-31		61354	15.40	10.31	31.78	100.03	
17-07-29		61360	16.93	7.88	28.94	102.58	*
17-07-29		61370	16.40	7.31	30.13	101.93	*
18-18-18		61352	18.74	16.97	17.96	100.17	
18-19-21		61368	18.80	20.92	20.91	104	
19-14-24		61361	19.64	16.13	23.18	103.93	
22-14-14		61366	22.26	14.76	15.39	103.56	*
25-15-15		61351	24.38	15.82	15.67	100.38	
25-15-15		61369	24.94	16.11	16.11	102.67	
Southern States - Hopkinsville Hopkinsville ,KY							
12-24-24		62217	12.09	23.41	24.79	98.29	*
17-16-19		61560	16.80	16.97	19.7	101.76	*
17-16-19		61559	16.70	15.6	21.25	101.12	*
17-16-19		61558	16.83	16.93	19.88	101.64	*
19-19-20		61561	19.10	18.5	21.89	101.33	
22-11-22		62213	22.64	11.07	21.11	99.4	
26-16-14		62215	25.41	15.41	15	100.17	
26-16-14		62214	25.30	16.43	13.62	100.03	
33-10-10		62216	31.79	9.91	9.98	98.9	
39-00-00		62212	<b>37.62</b>			<b>95.9</b>	*
Southern States - Horse Cave Horse Cave ,KY							
13-18-28		61313	13.35	18.51	29.01	102.09	
15-06-35		61311	14.43	5.64	37.26	100.18	
18-13-22		61586	19.22	13.74	21.85	103.22	*
19-19-19		61587	19.73	19.69	19.98	102.13	
19-19-19		61584	19.03	20.12	20.01	101.51	
23-00-30		61583	23.05		31.45	102.32	
24-16-16		61582	23.30	16.76	17.08	101.38	
26-13-13		61588	26.00	12.87	14.14	100.88	
27-14-14		61312	28.21	13.71	13.52	101.99	
29-27-00		61585	28.92	27.99		100.36	
Southern States - London London ,KY							
05-20-20	'5-20-20	61707	12.74	<b>18.22</b>	<b>18.71</b>	115.13	
09-13-30		61700	8.88	12.22	32.18	102.33	
10-05-10		61699	10.38	5.6	10.15	101.12	
15-07-19		61697	15.54	8.69	19.87	105.58	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-20		61698	18.88	20.19	19.87	101.3	
21-11-21		61701	21.06	11.65	21.97	100.72	
21-15-20		61704	20.34	16.17	20.32	101.77	
22-12-22		61702	21.59	11.65	23.36	100.95	
22-12-22		61703	21.61	11.28	23.27	100.19	
22-18-18		61706	21.13	18.05	18.14	100.13	
24-11-21		61705	23.70	10.41	21.02	99.96	
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Southern States - Maysville Maysville ,KY							
04-11-21		62072	4.80	11.77	20.93	102	
04-11-39		62071	4.34	10.6	40.35	100.44	*
04-11-39		62068	4.48	11.11	39.92	101.23	*
04-11-39		62070	4.49	11.63	38.74	100.5	*
04-11-39		62069	4.61	11.61	38.92	101.05	*
07-09-19		62067	7.53	9.3	18.48	101.16	*
13-00-38		62074	12.85		39.62	101.81	*
18-08-10		62066	18.51	7.68	10.26	101.13	
18-08-10		62065	18.39	7.99	10.58	102.18	
23-12-18		62075	24.23	11.42	19.15	101.43	
41-00-00		62073	41.07			100.29	*
<hr/>							
Southern States - Owensboro Owensboro ,KY							
09-23-30		62623	9.28	22.41	30.62	100.36	
09-23-30		62622	9.38	23.14	29.67	100.6	
09-23-30		62621	9.64	22.63	30.58	101.42	
09-23-30		62620	9.37	22.87	30	100.56	
09-23-30		62292	8.78	24.46	28.75	100.54	
09-23-30		62293	9.05	24.58	28.87	101.47	
12-10-24		61881	12.52	10.84	23.77	103.3	*
12-12-22		61880	12.81	12.78	21.84	102.88	*
12-17-22		61878	12.31	17.04	21.56	100.62	*
13-17-21		61879	12.64	16.79	21.06	101.39	*
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Southern States - Owenton Owenton ,KY							
00-00-03		61770			3.31	115.73	
00-00-03		61773			2.97	103.85	
00-00-03		61771			3.54	123.78	
00-00-03		61772			3.29	115.03	
04-09-48		62041	3.72	9.06	48.23	100.82	*
06-15-40		62040	5.93	15.3	40.1	99.93	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
12-12-30		62042	12.67	12.57	30.29	103.31	*
17-12-28		62038	17.28	12.4	27.92	100.6	
19-19-19		62043	19.47	19.24	20.47	101.43	
19-19-19		62039	19.08	19.33	19.08	98.97	
27-12-15		62036	27.53	11.94	15.37	101.04	
27-12-15		62037	26.76	11.64	15.93	99.62	
34-00-00		61769	34.28	0.68		101	*
Southern States - Owingsville Owingsville ,KY							
10-25-25		61677	11.08	25.05	26.04	104.42	
17-15-22		62888	17.48	15.84	22.32	103.09	
17-15-22		62889	17.30	15.46	22.2	102	
19-19-19		61675	19.49	20.56	20.35	103.69	
19-19-19		61676	19.67	22	19.66	105.75	
19-19-19		61672	19.18	20.37	21.29	103.96	
19-19-19		61671	19.49	20.62	20.55	104.12	
19-19-19		61678	19.44	20.56	20.06	103.22	
27-11-17		61680	26.73	11.98	17.45	103.27	
27-11-17		61673	26.62	11.63	18.21	103.42	
27-11-17		61674	26.70	11.04	17.93	102.11	
27-11-17		61681	26.64	11.47	17.49	102.18	
Southern States - Richmond Richmond ,KY							
10-10-10		62319	9.96	10.64	9.9	105.99	
10-10-10		62320	9.99	10.97	11.07	110.41	
12-30-21		62131	11.99	30.13	21.69	101.93	
18-00-36		62130	18.92		37.16	103.05	
19-19-19		62134	19.85	19.23	19.99	101.58	
19-19-19		62133	19.97	19.31	20.07	102.07	
28-12-15		62321	27.37	12.47	15.31	101.95	
28-12-15		62132	27.91	11.33	15.85	101.71	
30-00-19		62129	29.33		20.48	101.49	
Southern States - Richmond VA Richmond ,VA							
00-00-22	'K Mag	60990			22.86	103.91	*
00-00-22	'KMag	62453			22.18	100.82	*
00-00-22	'KMag	61272			22.66	103	*
00-00-22	'SPM	61088			22	100	*
00-00-22	'SPM	60512			22.86	103.91	*
00-00-22	'SPM	60578			23.96	108.91	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-22	'SPM	60442			22.98	104.45	*
00-00-50	'SOP	62686			50.04	100.08	
00-00-50	'SOP	62826			50.74	101.48	
00-00-50	'SOP	62729			51.62	103.24	
00-00-50	'SOP	62806			50.48	100.96	
00-00-50	'SOP	61391			49.3	98.6	
00-00-50	'SP	61065			50.61	101.22	
00-00-50	'SP	60976			50.03	100.06	
00-00-50	'SP	62792			49.87	99.74	
00-00-50	'SP	60982			50.89	101.78	
00-00-50	'SP	61007			50.68	101.36	
00-00-50	'SP	62454			50.01	100.02	
00-00-50	'SP	61271			50.1	100.2	
00-00-50	'SP	62885			50.59	101.18	
00-00-50	'SP	62771			50.9	101.8	
00-00-60	'MOP	61087			60.84	101.4	
00-00-60	'MOP	61924			60.26	100.43	
00-00-60	'MOP	60518			60.31	100.52	
00-00-60	'MOP	61930			60.7	101.17	
00-00-60	'MOP	60734			60.35	100.58	
00-00-60	'MOP	61388			59.99	99.98	
00-00-60	'MOP	61958			60.84	101.4	
00-00-60	'MOP	60916			59.42	99.03	
00-00-60	'MOP	60733			59.56	99.27	
00-00-60	'MOP	62730			60.13	100.22	
00-00-60	'MOP	62128			61.69	102.82	
00-00-60	'MOP	62754			59.61	99.35	
00-00-60	'MOP	61251			61.38	102.3	
00-00-60	'MOP	61931			60.9	101.5	
00-00-60	'MOP	61645			60.41	100.68	
00-00-60	'MOP	60971			59.95	99.92	
00-00-60	'MOP	61392			59.33	98.88	
00-00-60	'MOP	60506			60.32	100.53	
00-00-60	'MOP	60507			60.14	100.23	
00-00-60	'MOP	60508			60.19	100.32	
00-00-60	'MOP	60509			60.48	100.8	
00-00-60	'MOP	60934			60.51	100.85	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	60933			61.28	102.13	
00-00-60	'MOP	61501			60.81	101.35	
00-00-60	'MOP	61505			60.13	100.22	
00-00-60	'MOP	61017			60.81	101.35	
00-00-60	'MOP	61355			59.74	99.57	
00-00-60	'MOP	61030			61.61	102.68	
00-00-60	'MOP	61353			61.87	103.12	
00-00-60	'MOP	60890			60.34	100.57	
00-00-60	'MOP	61036			60.55	100.92	
00-00-60	'MOP	61039			60.5	100.83	
00-00-60	'MOP	60770			59.31	98.85	
00-00-60	'MOP	60519			59.88	99.8	
00-00-60	'MOP	60520			60.98	101.63	
00-00-60	'MOP	60845			60.78	101.3	
00-00-60	'MOP	60844			60.93	101.55	
00-00-60	'MOP	60521			60.61	101.02	
00-00-60	'MOP	60522			61.38	102.3	
00-00-60	'MOP	62731			59.04	98.4	
00-00-60	'MOP	61018			61.39	102.32	
00-00-60	'MOP	60443			60.32	100.53	
00-00-60	'MOP	61242			60.86	101.43	
00-00-60	'MOP	61241			61.54	102.57	
00-00-60	'MOP	61240			61.39	102.32	
00-00-60	'MOP	62807			61.62	102.7	
00-00-60	'MOP	62685			59.85	99.75	
00-00-60	'MOP	60567			59.04	98.4	
00-00-60	'MOP	60447			61.52	102.53	
00-00-60	'MOP	60446			60.98	101.63	
00-00-60	'MOP	62552			60.46	100.77	
00-00-60	'MOP	62241			58.81	98.02	
00-00-60	'MOP	62756			59.84	99.73	
00-00-60	'MOP	61165			62	103.33	
00-00-60	'MOP	62324			60.11	100.18	
00-00-60	'MOP	61218			62.79	104.65	
00-00-60	'MOP	61217			60.52	100.87	
00-00-60	'MOP	61216			59.49	99.15	
00-00-60	'MOP	61179			62.41	104.02	

Values in bold are deficient.

\* Refer to Table 3



TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	60600			60.67	101.12	
00-00-60	'MOP	61187			61.83	103.05	
00-00-60	'MOP	61188			61.9	103.17	
00-00-60	'MOP	62339			60.09	100.15	
00-00-60	'MOP	61164			60.07	100.12	
00-00-60	'MP	62457			60.72	101.2	
00-00-60	'MP	60577			59.58	99.3	
00-00-60	'MP	60580			60.13	100.22	
00-00-60	'MP	60625			60.43	100.72	
00-00-60	'MP	61057			60.18	100.3	
00-00-60	'MP	61056			59.98	99.97	
00-00-60	'MP	61055			59.48	99.13	
00-00-60	'MP	60626			60.95	101.58	
00-00-60	'MP	60582			60.03	100.05	
00-00-60	'MP	62768			60.77	101.28	
00-00-60	'MP	60987			59.76	99.6	
00-00-60	'MP	61486			61.61	102.68	
00-00-60	'MP	60554			59.99	99.98	
00-00-60	'MP	60547			60	100	
00-00-60	'MP	60811			60.61	101.02	
00-00-60	'MP	60553			59.94	99.9	
00-00-60	'MP	61010			60.22	100.37	
00-00-60	'MP	61011			60.39	100.65	
00-00-60	'MP	61510			60.63	101.05	
00-00-60	'MP	61511			61.05	101.75	
00-00-60	'MP	62455			61.5	102.5	
00-00-60	'MP	60548			63.6	106	
00-00-60	'MP	62094			61.67	102.78	
00-00-60	'MP	61490			61.53	102.55	
00-00-60	'MP	61527			61.16	101.93	
00-00-60	'MP	61530			60.16	100.27	
00-00-60	'MP	61531			61.53	102.55	
00-00-60	'MP	61494			61.48	102.47	
00-00-60	'MP	61314			61.52	102.53	
00-00-60	'MP	60985			60.43	100.72	
00-00-60	'MP	61000			61.29	102.15	
00-00-60	'MP	60533			59.56	99.27	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	60556			59.24	98.73	
00-00-60	'MP	61323			60.94	101.57	
00-00-60	'MP	61324			61.25	102.08	
00-00-60	'MP	62779			59.86	99.77	
00-00-60	'MP	61275			60.3	100.5	
00-00-60	'MP	61325			61.24	102.07	
00-00-60	'MP	60534			60.93	101.55	
00-00-60	'MP	61326			61.06	101.77	
00-00-60	'MP	60612			59.95	99.92	
00-00-60	'MP	60541			60.75	101.25	
00-00-60	'MP	62793			59.12	98.53	
00-00-60	'MP	60555			61.22	102.03	
00-00-60	'MP	61067			62.68	104.47	
00-00-60	'MP	60980			59.63	99.38	
00-00-60	'MP	60540			60.58	100.97	
00-00-60	'MP	61316			61.76	102.93	
00-00-60	'MP	61315			60.88	101.47	
00-00-60	'MP	60974			60.01	100.02	
00-46-00	'TSP	62854		46.07		100.15	
00-46-00	'TSP	60989		47.56		103.39	
00-46-00	'TSP	60609		46.57		101.24	
09-23-30	'SS	61814	8.96	23.83	30.82	102.51	
15-15-15	'SS	61199	15.53	16.22	17.18	107.93	
16-01-00	'SymTRX	61528	16.99	1.23		107.06	*
16-01-00	'SymTRX	60981	16.85	1.26		106.39	*
16-01-00	'SymTRX	60544	17.31	1.17		108.71	*
16-01-00	'SymTRX	60552	17.09	1.24		107.82	*
16-01-00	'SymTRX	61386	17.13	1.32		108.36	*
16-01-00	'SymTRX	60913	17.55	1.26		110.54	*
16-01-00	'SymTRX	60979	17.16	1.31		108.49	*
16-01-00	'SymTRX	61489	17.44	1.5		111.13	*
16-01-00	'SymTRX	60973	16.89	1.53		108.03	*
16-01-00	'SymTRX	60545	17.03	1.12		106.76	*
16-01-00	'SymTRX	61220	17.16	1.29		108.38	*
16-01-00	'SymTRX	60610	17.27	1.27		109.06	*
16-01-00	'SymTRX	61064	16.99	1.33		107.58	*
18-24-06	'Greenlawn	61069	17.91	23.36	6.71	99.54	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-24-06	'Greenlawn Lawn Starter	62347	20.04	29.44	<b>3.85</b>	112.68	*
18-46-00	'DAP	62341	17.45	46.3		99.51	
18-46-00	'DAP	61487	17.55	45.52		98.51	
18-46-00	'DAP	61504	17.97	45.78		99.62	
18-46-00	'DAP	60627	17.89	47.29		101.84	
18-46-00	'DAP	61646	17.90	46.91		101.2	
18-46-00	'DAP	60608	17.83	46.84		101.05	
18-46-00	'DAP	61502	18.01	45.6		99.42	
18-46-00	'DAP	61500	17.67	46.59		100.32	
18-46-00	'DAP	61488	18.88	46.81		102.73	
18-46-00	'DAP	60511	17.90	46.4		100.47	
18-46-00	'DAP	61493	18.73	46.85		102.53	
18-46-00	'DAP	60931	18.00	45.23		98.84	
18-46-00	'DAP	60932	17.58	45.26		98.17	
18-46-00	'DAP	60510	18.07	46.59		101.03	
18-46-00	'DAP	61491	18.31	46.5		101.28	
18-46-00	'DAP	60628	18.30	47.18		102.31	
18-46-00	'DAP	62683	18.67	47.21		102.97	
18-46-00	'DAP	60551	17.67	45.47		98.66	
18-46-00	'DAP	60517	18.12	46.91		101.61	
18-46-00	'DAP	62553	18.27	45.49		99.7	
18-46-00	'DAP	60583	18.16	47.71		102.92	
18-46-00	'DAP	60846	17.91	46.14		100.06	
18-46-00	'DAP	60581	18.05	46.27		100.5	
18-46-00	'DAP	60568	17.67	45.69		99	
18-46-00	'DAP	60515	18.31	45.66		99.95	
18-46-00	'DAP	60532	17.88	45.63		99.23	
18-46-00	'DAP	60514	18.40	46.43		101.3	
18-46-00	'DAP	61923	18.64	46.21		101.41	
18-46-00	'DAP	62684	18.64	46.97		102.55	
18-46-00	'DAP	60735	17.55	45.95		99.22	
18-46-00	'DAP	60768	17.91	46.25		100.25	
18-46-00	'DAP	61957	18.37	46.69		101.67	
18-46-00	'DAP	60542	17.19	46.47		99.47	
18-46-00	'DAP	62240	17.89	45.32		98.79	
18-46-00	'DAP	60557	17.30	45.83		98.64	
18-46-00	'DAP	60543	17.58	46.73		100.48	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	61526	18.01	45.45		99.19	
18-46-00	'DAP	60800	17.95	47.23		101.84	
18-46-00	'DAP	60915	18.19	45.93		100.22	
18-46-00	'DAP	62340	17.63	45.92		99.25	
18-46-00	'DAP	62093	17.94	45.73		99.49	
18-46-00	'DAP	60914	18.15	46.28		100.68	
18-46-00	'DAP	61514	17.65	46.09		99.54	
18-46-00	'DAP	61523	18.39	46.21		100.98	
18-46-00	'DAP	60516	18.40	45.98		100.59	
18-46-00	'DAP	61525	17.77	46.38		100.18	
18-46-00	'DAP	62452	17.77	46.97		101.06	
18-46-00	'DAP	62323	18.46	47.28		102.71	
18-46-00	'DAP	60599	17.37	45.79		98.69	
18-46-00	'DAP	61647	17.78	46.83		100.87	
18-46-00	'DAP	60550	18.49	47.5		103.11	
18-46-00	'DAP	60513	17.58	45.87		99.14	
18-46-00	'DAP	60549	18.06	45.94		100	
18-46-00	'DAP	61932	18.03	46.01		100.07	
18-46-00	'DAP	60546	17.76	47.69		102.27	
18-46-00	'DAP	61524	18.16	47.07		101.88	
18-46-00	'DAP	61008	17.92	46.9		101.22	
18-46-00	'DAP	61021	17.61	46.18		99.6	
18-46-00	'DAP	61053	17.61	45.43		98.47	
18-46-00	'DAP	61020	18.04	46.23		100.41	
18-46-00	'DAP	62781	17.63	46.5		100.12	
18-46-00	'DAP	61221	17.55	45.98		99.2	
18-46-00	'DAP	61219	17.67	46.47		100.14	
18-46-00	'DAP	61245	17.85	45.73		99.34	
18-46-00	'DAP	61009	18.03	47.15		101.78	
18-46-00	'DAP	61362	18.35	46.84		101.86	
18-46-00	'DAP	61058	17.93	46.52		100.66	
18-46-00	'DAP	62855	17.82	46.19		99.98	
18-46-00	'DAP	61059	18.23	46.69		101.43	
18-46-00	'DAP	61158	18.60	46.47		101.73	
18-46-00	'DAP	61387	17.68	46.38		100.02	
18-46-00	'DAP	61002	18.09	46.28		100.58	
18-46-00	'DAP	62770	17.66	45.87		99.22	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	61162	18.58	45.87		100.8	
18-46-00	'DAP	61037	17.36	45.65		98.38	
18-46-00	'DAP	61322	17.72	46.01		99.54	
18-46-00	'DAP	61033	17.73	45.42		98.67	
18-46-00	'DAP	61032	17.39	45.52		98.23	
18-46-00	'DAP	61031	17.64	46.4		99.98	
18-46-00	'DAP	61159	18.47	46.58		101.68	
18-46-00	'DAP	61022	17.43	47.6		101.43	
18-46-00	'DAP	60445	18.19	47.79		103.09	
18-46-00	'DAP	61357	17.63	47.15		101.1	
18-46-00	'DAP	62825	17.99	46.33		100.48	
18-46-00	'DAP	62810	18.31	46.5		101.28	
18-46-00	'DAP	61364	17.70	45.75		99.11	
18-46-00	'DAP	62809	17.76	46.55		100.42	
18-46-00	'DAP	61365	17.54	46.31		99.68	
18-46-00	'DAP	60444	17.60	47.29		101.39	
18-46-00	'DAP	62759	17.66	45.57		98.77	
18-46-00	'DAP	61160	18.64	46.94		102.51	
18-46-00	'DAP	60978	17.73	45.6		98.94	
18-46-00	'DAP	61181	17.82	45.85		99.47	
18-46-00	'DAP	60999	17.73	46.33		100.03	
18-46-00	'DAP	61184	17.74	46.49		100.29	
18-46-00	'DAP	61063	17.72	45.92		99.4	
18-46-00	'DAP	61066	17.62	45.75		98.97	
18-46-00	'DAP	61327	17.63	45.75		98.99	
18-46-00	'DAP	61180	17.66	45.99		99.4	
18-46-00	'DAP	61317	18.44	46.77		101.91	
18-46-00	'DAP	61273	17.76	46.66		100.58	
18-46-00	'DAP	61318	18.48	46.32		101.3	
18-46-00	'DAP	61319	18.17	46.92		101.67	
18-46-00	'DAP	62886	17.55	47.13		100.93	
18-46-00	'DAP	61084	17.69	45.26		98.36	
18-46-00	'DAP	61083	17.68	45.79		99.14	
18-46-00	'DAP	60972	17.63	44.94		97.77	
18-46-00	'DAP	61389	17.57	46.86		100.56	
18-46-00	'DAP	60984	17.85	46.79		100.93	
18-46-00	'DAP	60995	17.60	46.8		100.52	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	60998	17.57	45.83		99.01	
18-46-00	'DAP	61246	18.06	45.33		99.1	
18-46-00	'DAP	61247	18.21	47.53		102.66	
18-46-00	'DAP	60996	17.83	46.12		99.89	
18-46-00	'DAP	61248	18.63	47.57		103.44	
18-46-00	'DAP	61178	17.72	46		99.52	
18-46-00	'DAP	61253	17.35	46.11		99.05	
18-46-00	'DAP	61252	17.48	45.61		98.52	
20-00-00	'AMS	61244	20.25			98.78	*
20-00-00	'AS	61495	20.79			101.41	*
20-00-00	'AS	61321	20.52			100.1	*
20-00-00	'AS	61955	20.65			100.73	*
20-00-00	'AS	60994	20.13			98.2	*
20-00-00	'AS	61328	20.56			100.29	*
21-00-00	'AMS	60849	20.94			99.71	*
21-00-00	'AMS	61249	21.23			101.1	*
21-00-00	'AS	62758	20.57			97.95	*
21-00-00	'AS	61274	21.15			100.71	*
21-00-00	'AS	62769	20.96			99.81	*
21-00-00	'AS	61054	20.60			98.1	*
21-00-00	'AS	62682	21.08			100.38	*
21-00-00	'AS	60579	20.73			98.71	*
21-00-00	'AS	62095	21.20			100.95	*
21-00-00	'AS	61155	20.72			98.67	*
21-00-00	'AS	61922	20.50			97.62	*
21-00-00	'AS	61363	21.33			101.57	*
21-00-00	'AS	61393	21.02			100.1	*
21-00-00	'AS	60986	20.71			98.62	*
21-00-00	'AS	60611	20.05			<b>95.48</b>	*
21-00-00	'AS	62458	20.65			98.33	*
21-00-00	'AS	61029	20.62			98.19	*
30-00-00	'UAN	60850	30.91			103.3	
46-00-00	'46-0-0	61062	46.18			100.39	
46-00-00	'46-0-0	61061	46.12			100.26	
46-00-00	'Urea	62092	46.09			100.2	
46-00-00	'Urea	61183	45.96			99.91	
46-00-00	'Urea	61182	45.92			99.83	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	60988	46.15			100.33	
46-00-00	'Urea	60991	45.93			99.85	
46-00-00	'Urea	61185	45.57			99.07	
46-00-00	'Urea	62456	46.13			100.28	
46-00-00	'Urea	61186	46.14			100.3	
46-00-00	'Urea	61156	46.08			100.17	
46-00-00	'Urea	62753	46.08			100.17	
46-00-00	'Urea	61040	45.84			99.65	
46-00-00	'Urea	62755	46.10			100.22	
46-00-00	'Urea	61492	46.14			100.3	
46-00-00	'Urea	61250	46.19			100.41	
46-00-00	'Urea	61320	46.16			100.35	
46-00-00	'Urea	61513	46.12			100.26	
46-00-00	'Urea	61390	46.08			100.17	
46-00-00	'Urea	60970	45.93			99.85	
46-00-00	'Urea	61933	46.13			100.28	
46-00-00	'Urea	61085	46.00			100	
46-00-00	'Urea	62887	46.12			100.26	
46-00-00	'Urea	61276	45.92			99.83	
46-00-00	'Urea	61086	45.88			99.74	
46-00-00	'Urea	62732	46.02			100.04	
46-00-00	'Urea	60975	46.13			100.28	
46-00-00	'Urea	60977	46.06			100.13	
46-00-00	'Urea	60983	46.17			100.37	
46-00-00	'Urea	62856	46.20			100.43	
46-00-00	'Urea	60993	46.20			100.43	
46-00-00	'Urea	61277	46.07			100.15	
46-00-00	'Urea	60997	46.20			100.43	
46-00-00	'Urea	61956	46.20			100.43	
46-00-00	'Urea	61358	46.08			100.17	
46-00-00	'Urea	61161	46.00			100	
46-00-00	'Urea	61499	46.02			100.04	
46-00-00	'Urea	61035	46.10			100.22	
46-00-00	'Urea	62752	45.97			99.93	
46-00-00	'Urea	62239	46.11			100.24	
46-00-00	'Urea	62782	46.14			100.3	
46-00-00	'Urea	62797	46.16			100.35	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	61243	46.17			100.37	
46-00-00	'Urea	61157	45.97			99.93	
46-00-00	'Urea	62322	46.17			100.37	
46-00-00	'Urea	61014	46.15			100.33	
46-00-00	'Urea	61359	46.17			100.37	
46-00-00	'Urea	61222	46.12			100.26	
46-00-00	'Urea	61367	46.20			100.43	
46-00-00	'Urea	62808	46.08			100.17	
46-00-00	'Urea	61529	46.13			100.28	
46-00-00	'Urea	61034	46.04			100.09	
46-00-00	'Urea	60889	46.13			100.28	
46-00-00	'Urea	61163	46.09			100.2	
46-00-00	'Urea	60912	46.20			100.43	
46-00-00	'Urea	61038	46.07			100.15	
46-00-00	'Urea	60930	46.05			100.11	
46-00-00	'Urea	62757	46.06			100.13	
46-00-00	'Urea	60929	45.83			99.63	
46-00-00	'Urea	60928	46.20			100.43	
46-00-00	'Urea	62767	46.14			100.3	
46-00-00	'Urea	61060	46.20			100.43	
46-00-00	'Urea	61385	45.72			99.39	
46-00-00	'Urea	61012	46.13			100.28	
46-00-00	'Urea	61019	46.20			100.43	
46-00-00	'Urea	60847	46.01			100.02	
46-00-00	'Urea	60848	46.02			100.04	
46-00-00	'Urea	61013	46.04			100.09	
46-00-00	'Urea	61512	45.91			99.8	
46-00-00	'Urea	61503	46.18			100.39	
46-00-00	'Urea w/ Factor 0.2%	61001	46.08			100.17	
Southern States - Russellville Russellville ,KY							
07-18-12		60740	7.64	17.82	11.23	101.2	*
07-18-12		60738	6.82	16.69	12.2	98.23	*
07-18-12		60739	7.65	17.25	12.07	101.82	*
07-18-36		60736	7.80	20.1	<b>34.01</b>	100.78	
07-18-36		60737	6.74	18.22	36.77	100.12	
09-23-25		60742	9.42	23.16	24.82	100.33	*
09-23-25		60741	9.21	23.03	25.37	100.63	*

Values in bold are deficient.

\* Refer to Table 3



**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		60767	8.98	23.04	30.64	101.02	
11-12-32		60743	<b>8.66</b>	11.54	35.20	100.41	*
16-14-22		60824	15.88	14.84	23.17	102.8	*
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Southern States - Shelbyville Shelbyville ,KY							
05-13-39		61917	5.34	13.35	38.49	101.36	*
07-19-31		61921	7.38	18.25	32.96	101.42	*
09-23-30		61382	8.69	24.14	30.71	103.3	*
09-23-30		61379	9.05	24.93	29.73	103.25	
09-23-30		61380	8.64	24.38	28.93	100.34	
10-18-24		61381	10.16	19.22	24.47	102.25	*
12-07-39		61919	11.97	6.95	41.21	103.47	
15-07-27		62688	14.63	8.88	28.59	106.17	*
17-08-24		62687	16.50	9.01	25.53	104.62	*
21-21-00		61383	21.15	22.2		102.78	*
21-21-00		61384	21.44	21.28		101.56	*
25-05-14		61918	24.37	5.27	14.06	99.84	*
26-11-18		61916	25.81	11.31	18.52	101.96	
31-09-12		61920	31.44	9.45	12.03	101.02	
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Southern States - Somerset Somerset ,KY							
10-05-10		61695	9.92	5.27	11.24	101.82	
13-19-25		61693	13.22	19.54	25.23	101.33	*
18-16-23		61822	17.73	16.72	24.63	101.54	
19-19-19		61824	19.01	18.66	21.44	100.72	
19-19-19		61826	19.09	19.16	20.08	100	
19-19-19		61827	18.46	19.63	21.18	100.99	
19-19-19		61692	19.25	21.31	18.48	102.09	
19-19-19		61825	19.17	19.52	20.52	101.39	
19-19-19		61696	18.81	20.19	20.28	101.54	
26-00-26		61821	25.43		28.48	102.23	
26-00-26		61823	25.26		28.65	102.1	
37-12-00		61694	36.17	11.93		99.01	*
<hr/>							
Southern States - Springfield Springfield ,KY							
25-10-13		61948	24.84	9.81	14.26	102.44	*
26-07-10		61945	27.16	7.62	10.9	104.36	*
30-10-13		61949	30.10	10.57	14.53	103.51	
34-00-15		61954	35.02		16.47	103.31	
41-00-00		61947	44.23			108.27	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
41-00-00		61946	41.72			101.96	*
42-00-00		61951	42.48			100.28	*
42-00-00		61952	42.44			100.19	*
42-00-00		61953	42.55			100.45	*
42-00-00		61950	42.69			100.78	*
Southern States - Stanford Stanford ,KY							
17-15-19		61787	18.43	15.69	<b>17.27</b>	102.49	*
21-10-20		61788	20.94	10.33	20.25	101.19	*
21-10-20		61789	20.33	10.31	20.97	100.8	*
21-10-20		61784	20.91	10.21	20.64	101.46	*
21-10-20		61783	20.81	9.56	20.88	100.25	*
21-10-20		61786	20.77	10.43	20.36	101.19	*
21-10-20		61785	21.04	10.32	20.76	102.2	*
31-00-20		61781	30.55		20.73	100.8	
31-00-20		61782	30.81		20.39	100.9	
31-00-20		61780	30.58		20.91	101.13	
Southern States - Warsaw Owenton ,KY							
09-16-32		61929	8.97	17.11	30.83	101.04	
19-19-19		61928	18.88	19.78	19.84	100.38	
19-19-19		61937	19.69	19.55	19.07	100.61	
24-14-18		61935	23.02	13.69	18.68	99.18	
25-10-17		62857	24.41	10.06	17.45	100.37	
29-10-12		61938	29.74	10.46	12.46	101.68	*
33-00-15		61927	32.95		15.32	100.35	*
33-00-15		61934	32.09		15.8	99.03	*
34-08-10		61926	32.95	7.99	10.48	99.69	
34-08-10		61925	33.40	7.86	10.17	100.01	
39-04-06		61936	38.47	4.76	6.45	100.7	
Southern States - Winchester Winchester ,KY							
19-19-19		62122	19.84	18.31	19.67	99.47	
19-19-19		62124	19.44	18.77	19.73	99.55	
19-19-19		62121	20.34	19.36	19.21	101.79	
28-13-13		62125	27.24	13.16	14.44	100.29	
31-00-20		62120	30.84		20.7	101.42	
31-00-20		62119	30.97		20.18	100.96	
34-00-13		62127	33.64		14.63	100.94	*
34-00-13		62126	34.82		12.77	100.91	*

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
34-00-13		62118	<b>31.22</b>		16.26	97.71	*
34-00-15		62123	34.96		15.21	101.35	
Stanley Crop Service Owensboro ,KY							
00-00-50	'SP	61485			50.95	101.9	
00-00-60	'MP	60630			60.91	101.52	
00-00-60	'MP	61481			61.43	102.38	
00-00-60	'MP	61480			61.31	102.18	
00-00-60	'MP	61479			60.53	100.88	
00-00-60	'MP	60633			60.68	101.13	
00-00-60	'MP	60634			58.99	98.32	
00-46-00	'TSP	60635		45.97		99.93	
00-46-00	'TSP	60637		47.01		102.2	
00-46-00	'TSP	60632		46.71		101.54	
00-46-00	'TSP	60631		45.85		99.67	
09-23-30		60638	8.62	22.27	29.95	98.06	
09-23-30		60639	8.79	22.64	29.18	97.78	
18-46-00	'DAP	60636	17.46	45.87		98.95	
18-46-00	'DAP	61477	18.25	45.5		99.68	
18-46-00	'DAP	61482	17.81	45.52		98.95	
18-46-00	'DAP	61483	17.75	45.83		99.32	
20-00-00	'AS	61478	20.73			101.12	*
46-00-00	'Urea	61484	46.09			100.2	
Sun Bulb Company, INC. Arcadia ,FL							
18-06-08	'Dynamite Cactus & Succulent Food	61851	18.69	6.84	8.32	105.75	*
20-14-13	'Better Gro Orchid Plus	62556	20.88	13.16	12.82	100.07	*
Swiss Farms Products Las Vegas ,NV							
12-05-07	'Vigoro All Purpose	62671	12.82	5.89	6.78	107	*
12-05-07	'Vigoro All Purpose Plant Food 12-5-7	60992	13.38	5.85	7.16	110.68	*
12-06-10	'Vigoro Rose Food	62672	12.35	<b>5.015</b>	10.52	99.21	*
12-10-05	'Vigoro Tomato & Vegetable Plus Calcium	62673	12.40	10.65	5.53	105.46	*
12-10-05	'Vigoro Tomato and Vegetable Garden Plant Food 12-10-5	62903	13.05	9.98	5.45	105.51	*
15-30-15	'Vigoro Bold Blooms	62674	14.71	30.44	15.52	100.84	
29-00-03	'Vigoro Weed and Feed 29-0-3	62902	31.95		3.04	109.62	
29-00-04	'Vigoro 29-0-4	61076	29.07		4.12	100.47	
29-00-04	'Vigoro Lawn Fertilizer	61634	29.23		4.26	101.26	
Tennessee Farmers Coop - Laverne Memphis ,TN							
00-00-60	'MOP	61115			60.86	101.43	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	61114	17.78	46.39		100.21	
46-00-00	'Urea	61113	46.00			100	
<hr/>							
The Scotts Company Marysville ,OH							
07-12-15	'Scotts Starter 7-12-15	61080	6.88	12.91	17.53	108.47	
10-10-10	'Flower & Vegetable	62559	11.65	10.94	10.18	110.29	*
12-04-08	'Rose & Bloom	62558	15.09	6.39	9.57	130.02	*
15-09-12	'Osmocote Plus Smart Release Outdoor & Indoor	61850	16.12	9.44	12.39	105.74	*
20-00-08	'Turf Builder Summerguard Lawn Food 20-0-8-2	62879	19.98		8.08	100.12	*
21-22-04	'Scotts Turf Builder Triple Action 21-22-4	62900	22.20	22.56	4.49	104.68	*
24-25-04	'Scotts 24-25-4	61078	24.19	24.69	4.3	100.23	
24-25-04	'Scotts Turf Builder Starter	62029	23.59	24.28	4.15	98.05	
26-00-02	'Scotts Green Max	62031	26.89		1.81	102.82	*
27-00-02	'Scotts Green Max	61852	27.50		2.26	102.36	*
27-00-02	'Scotts Green Max	62033	27.82		2.33	103.65	*
32-00-04	'Scotts Turf Builder	61635	32.35		4.11	101.22	*
32-00-04	'Scotts Turf Builder	62035	31.14		4.85	99.09	*
32-00-04	'Scotts Turf Builder Lawn Food	62030	30.75		5.17	98.55	*
32-00-10	'Scotts Turf Builder Southern Lawn Food	62034	32.15		9.89	100.21	*
32-00-10	'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10	60424	32.48		9.78	100.67	*
40-00-05	'Scotts Ultra Feed 40-0-5	61899	39.71		6.43	101.45	
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Thomas Cayce Farm Supply, LLC Princeton ,KY							
00-00-20	'KMag	60857			22.92	111.8	*
00-00-60	'MP	60856			61.44	102.4	
00-00-60	'MP	60855			60.3	100.5	
00-00-60	'MP	60498			59.37	98.95	
00-00-60	'MP	60499			58.70	97.83	
04-12-15		60799	5.32	11.6	15.97	106.08	
08-19-25		60491	7.86	20.56	25.86	105.11	
08-19-25		60493	7.27	18.91	26.13	101.11	
08-19-25		60490	7.46	19.4	26.1	102.42	
08-19-25		60492	7.96	19.91	25.17	102.73	
09-23-30		60788	8.85	24.03	29.14	100.14	
09-23-30		60789	9.07	23.83	29.61	100.9	
16-16-16		61621	16.72	16.67	18.12	104.09	
17-00-30		61619	17.67		29.94	102.45	
18-18-18		61620	18.07	18.04	17.84	101.64	
18-46-00	'DAP	60851	17.72	45.72		99.1	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	60497	17.8	46.24		100.06	
18-46-00	'DAP	60854	17.78	46.82		100.86	
18-46-00	'DAP	60853	17.49	45.92		99.01	
18-46-00	'DAP	60494	17.98	46.85		101.3	
18-46-00	'DAP	60496	18.23	47.62		102.89	
18-46-00	'DAP	60501	17.61	45.1		97.98	
18-46-00	'DAP	60500	17.91	46.94		101.33	
21-00-00	'AS	60495	20.42			97.24	*
21-00-00	'AS	60852	20.49			97.57	*
34-00-00	'AN	61622	34.50			102.99	
Tri-County Fertilizer Co., Inc. Richmond ,KY							
00-00-60	'MOP	61767			60.73	101.22	
08-19-35		61761	<b>6.72</b>	<b>16.23</b>	38.67	97.56	
09-08-32		61764	9.69	9.65	31.80	105.18	*
09-08-32		61765	8.95	9.02	32.38	102.66	*
15-00-20		61759	15.68		21.53	104.73	
22-00-29		61766	22.03		28.67	99.49	
22-00-29		61758	21.03		31.18	100.99	
23-00-30		61762	21.86		31.96	100.27	
24-00-28		61757	23.57		28.96	100.77	
25-00-15		61763	24.75		16.79	102.21	*
34-00-00		61760	32.24			<b>96.24</b>	*
Turf Care Supply Corporation Brunswick ,OH							
10-10-10	'Elegant Garden 10-10-10	61077	<b>8.28</b>	<b>7.933</b>	10.66	<b>87.63</b>	
Valley Fertilizer Company Edmonton ,KY							
05-14-41		62271	5.40	13.53	42.9	102.78	
18-18-18		61844	18.22	18.84	18.54	102.87	
19-19-19		62272	18.72	20.07	20.57	101.41	
19-19-19		62270	19.71	19.73	19.96	102.03	
25-10-10		62273	24.67	10.37	10.86	102.3	
25-10-10		62269	25.72	9.41	9.34	100.37	
25-10-10		62268	25.39	8.98	10.36	100.24	
27-14-13		62267	27.40	13.18	14.22	100.19	
27-14-13		61843	27.63	13.52	14.16	101.2	
31-00-20		61847	<b>28.76</b>		23.04	100.08	
Verdesian Life Sciences US LLC Cary ,NC							
02-00-00	'MicroSync Pro	61223	1.84			<b>92</b>	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
02-00-00	'MicroSync Pro	62451	2.23			111.5	*
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Warner Fertilizer - Albany Albany ,KY							
06-15-20		62701	6.28	15.49	<b>14.95</b>	<b>91.28</b>	
18-00-00		62800	<b>15.82</b>			<b>88.08</b>	*
19-19-19		62245	18.61	19.68	19.3	100.95	
19-19-19		62246	18.54	20.16	19.22	101.57	
22-12-22		62248	21.28	12.61	23.11	101.74	
22-12-22		62249	21.64	12.66	22.84	102.24	
22-12-22		62247	21.51	12.07	23.2	101.34	
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Warner Fertilizer - Campbellsville Campbellsville ,KY							
10-16-29		62802	10.7	16.25	<b>26.12</b>	98.64	*
18-10-09		62804	18.84	10.36	8.84	102.31	
19-19-19		62801	18.85	19.37	20.36	100.13	
23-11-20		62803	22.63	11.54	21.65	100.25	
28-09-11		62819	27.71	8.44	12.86	100.6	*
28-12-12		62916	27.13	12.56	12.37	101.33	*
28-12-12		62917	27.91	12.52	11.98	102.42	*
34-00-00		62919	35.02			104.54	*
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Warner Fertilizer - Columbia Columbia ,KY							
20-19-19		62258	20.22	21.01	<b>16.86</b>	101.31	
20-19-19		62254	19.66	20.55	18.75	101.91	
20-19-19		62255	20.34	20.39	18.13	102.2	
20-19-19		62821	19.67	20.29	18.75	101.37	
20-19-19		62261	19.57	20.38	18.87	101.58	
21-09-26		62260	19.39	9.1	27.22	99.02	
21-15-20		62820	20.41	14.91	23.21	101.66	
23-00-30		62259	22.60		29.48	98.26	
23-17-17		62751	21.81	17.01	18.78	100.81	
26-12-17		62257	24.89	11.68	18.11	99.66	
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Warner Fertilizer - Liberty Liberty ,KY							
06-00-22		62749	6.01		25.53	110.91	
19-19-19		62915	19.57	20.86	18.85	102.32	
20-15-15		62823	19.62	<b>13.4</b>	17.13	99.44	*
23-00-30		62824	22.55		29.95	98.86	
29-12-13		62750	28.95	11.29	13.88	100.17	
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Warner Fertilizer - Monticello Monticello ,KY							
09-23-27		62244	8.86	24.45	26.54	101.54	*

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		62873	19.84	19.52	19.21	101.08	
25-13-17		62243	27.43	<b>7.375</b>	17.76	<b>95.59</b>	
Warner Fertilizer - Nancy Nancy ,KY							
13-00-09		62702	<b>4.28</b>		<b>6.235</b>	<b>44.43</b>	
17-17-17		62252	18.93	16.71	16.92	103.79	
17-17-17		62250	17.24	18.37	18.72	105.94	
19-13-19		62467	18.12	13.64	19.95	101.09	
19-19-19		62253	18.41	19.23	20.4	99.14	
22-00-32		62251	21.58		<b>30.46</b>	97.89	
22-07-17		62745	22.16	6.25	17.1	99.62	
22-07-17		62746	21.77	6.62	17.65	100.36	
Warner Fertilizer - Russell Springs Russell Springs ,KY							
09-23-30		62909	8.88	22.17	30.94	99.49	
09-23-30		62910	9.65	24.49	<b>27.54</b>	100.79	
09-23-30		62911	9.30	22.98	30.26	100.93	
21-15-20		62748	20.25	16.94	20.69	101.63	
21-15-20		62747	20.35	16.88	20.05	100.87	
22-12-22		62822	21.29	11.9	23.73	101.29	
Warner Fertilizer - Somerset Somerset ,KY							
00-00-50	'SOP	61723			49.21	98.42	
00-00-60	'mop	60461			60.7	101.17	
00-00-60	'MOP	61117			59.83	99.72	
00-00-60	'MOP	61045			59.42	99.03	
00-00-60	'MOP	61127			61	101.67	
00-00-60	'MOP	61201			60.07	100.12	
00-00-60	'MOP	62656			59.4	99	
00-00-60	'MOP	61136			59.42	99.03	
00-00-60	'MOP	61137			61.37	102.28	
00-00-60	'MOP	61229			59.79	99.65	
00-00-60	'MOP	61133			59.92	99.87	
00-00-60	'MOP	61227			60.32	100.53	
00-00-60	'MOP	60623			60.69	101.15	
00-00-60	'MOP	61210			59.26	98.77	
00-00-60	'MOP	62861			58.96	98.27	
00-00-60	'MOP	61202			59.52	99.2	
00-00-60	'MOP	61153			59.65	99.42	
00-00-60	'MOP	61198			60.23	100.38	

Values in bold are deficient.

\* Refer to Table 3

**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	61150			61.14	101.9	
07-20-20	'7-20-20	61468	8.45	21.24	20.79	108.15	
07-20-20	'Warnco	61848	8.92	23.03	<b>16.84</b>	106.84	
08-21-27		62740	7.99	20.81	27.84	100.2	*
10-10-10	'Warnco	61845	9.69	11.26	9.72	102.45	
10-10-10	'Warnco	62314	9.64	12.18	10.08	106.37	
10-10-10	'Warnco	61717	9.74	10.24	9.94	99.65	
10-10-10	'Warnco	62135	9.73	9.56	10.9	99.68	
10-10-10	'Warnco 10-10-10	62864	9.88	11.66	10.39	106.3	
10-20-20	'Warnco	62315	10.01	24.06	20.01	108.87	
10-20-20	'Warnco	61720	10.52	22.19	19	104.47	
12-24-24	'Warnco	61718	13.20	27.09	<b>19.94</b>	102.71	
15-15-15	'Warnco	61716	15.58	17.89	15.87	109.73	
15-15-15	'Warnco 15-15-15	62863	16.55	17.49	18.33	115.54	
17-17-17	'Warnco	61719	16.80	19.47	18.74	107.2	
18-46-00	'DAP	61204	17.54	46		99.21	
18-46-00	'DAP	61042	17.68	45.29		98.38	
18-46-00	'DAP	61197	17.81	45.15		98.4	
18-46-00	'DAP	61046	17.59	45.24		98.15	
18-46-00	'DAP	61119	17.67	45.37		98.49	
18-46-00	'DAP	61120	17.72	47.14		101.23	
18-46-00	'DAP	61128	17.72	46.9		100.87	
18-46-00	'DAP	61135	18.04	46.72		101.15	
18-46-00	'DAP	61041	17.64	45.59		98.77	
18-46-00	'DAP	61138	18.02	47.22		101.87	
18-46-00	'DAP	61228	17.82	47		101.2	
18-46-00	'DAP	60624	17.12	44.97		97.02	
18-46-00	'DAP	61151	17.56	46.48		99.97	
18-46-00	'DAP	61226	17.67	46.24		99.8	
18-46-00	'DAP	61209	18.13	46.3		100.67	
18-46-00	'DAP	62860	18.45	46.5		101.52	
18-46-00	'DAP	61132	17.62	46.14		99.56	
18-46-00	'DAP	61203	17.91	46.11		100.01	
18-46-00	'DAP	62655	18.14	46.43		100.89	
18-46-00	'DAP	61721	17.79	45.34		98.65	
18-46-00	'DAP	62256	17.72	47.25		101.4	
19-19-19	'19-19-19	61469	19.90	22.48	<b>15.82</b>	104.01	

Values in bold are deficient.

\* Refer to Table 3



**TABLE 4: DETAILED INSPECTION REPORTS BY GRADE**

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		62424	18.53	20.1	20.46	100.95	
19-19-19		62422	19.95	19.61	18.59	100.51	
19-19-19		62423	19.18	20.7	20.08	102.85	
19-19-19		62421	19.22	19.89	19.89	101.23	
19-19-19	'Warnco	61846	19.26	21.06	18.81	104.07	
19-19-19	'Warnco	62136	18.01	19.07	19.99	99.38	
19-19-19	'Warnco	62920	19.66	21.34	<b>16.4</b>	102.19	
19-19-19	'Warnco	61819	20.21	20.46	<b>17.68</b>	103.44	
19-19-19	'Warnco	61828	18.47	22.3	18.50	104.28	
19-19-19	'Warnco	62313	19.64	20.7	<b>16.80</b>	101.51	
19-19-19	'Warnco 19-19-19	62862	19.38	21.9	<b>16.84</b>	103.23	
21-00-00	'AS	61154	20.65			98.33	*
21-00-00	'AS	61126	20.59			98.05	*
21-00-30		62736	21.04		30.52	99.76	
22-00-30		62737	21.14		31.02	100.76	
23-15-15		62703	<b>20.61</b>	<b>12.61</b>	20.72	106.69	
24-10-10	'24-10-10 Blend	60959	<b>21.97</b>	11.47	13.14	103.24	
28-10-13		62466	<b>24.85</b>	11.61	16.46	100.42	*
30-06-15		62738	28.81	5.52	18.05	100.63	
30-06-15		62739	29.35	5.79	16.93	100.76	
34-00-00	'AN	61118	34.12			100.35	
34-00-00	'AN	61722	33.78			99.35	
34-00-00	'AN	61152	34.18			100.53	
34-00-00	'Kentucky Green	62468	34.33			100.97	
46-00-00	'Urea	61149	46.11			100.24	
46-00-00	'Urea	62859	46.05			100.11	
46-00-00	'Urea	61211	46.10			100.22	
46-00-00	'Urea	61208	45.92			99.83	
46-00-00	'Urea	61139	46.15			100.33	
46-00-00	'Urea	61043	46.03			100.07	
46-00-00	'Urea	62654	46.04			100.09	
46-00-00	'Urea	61207	46.14			100.3	
46-00-00	'Urea	61230	46.06			100.13	
46-00-00	'Urea	61044	45.96			99.91	
46-00-00	'Urea	61205	46.03			100.07	
46-00-00	'Urea	61131	46.04			100.09	
46-00-00	'Urea	61134	46.10			100.22	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	61196	46.10			100.22	
46-00-00	'Urea	61130	46.15			100.33	
46-00-00	'Urea	61129	46.20			100.43	
46-00-00	'Urea	61116	46.17			100.37	
46-00-00	'Urea	61206	45.94			99.87	
46-00-00	'Warnco	62312	46.19			100.41	
Warner Fertilizer - Stanford Stanford ,KY							
00-00-40		61971			40.49	101.22	
19-19-19		61970	18.61	19.21	21.38	100.8	
19-19-19		61969	19.79	20.15	19.87	102.93	
19-19-19		61968	19.11	20.25	20.87	103.02	
19-19-19		61967	20.24	21.48	18.71	104.74	
20-10-20		61972	19.57	9.89	21.73	101.69	
23-00-00		61965	23.30			101.3	
30-12-11		61964	30.21	11.29	13.04	101.71	
31-00-00		61966	30.81			100.46	
36-08-08		61963	36.55	7.42	8.03	102.37	
Warner Fertilizer - Tompkinsville Tompkinsville ,KY							
19-19-19		62264	18.03	20.41	20.02	99.91	
19-19-19		62263	18.62	21.42	20.08	102.97	
19-19-19		62172	18.83	19.24	20.11	99.55	
22-12-22		62170	22.00	12.91	21.39	101.47	
26-00-20		62173	25.81		20.82	99.58	*
27-14-14		62174	27.33	13.9	13.82	100.97	
27-14-14		62004	27.21	14.19	13.72	101.04	
34-08-10		62002	<b>32.16</b>	8.46	10.05	98.32	
34-08-10		62003	32.57	7.95	11.08	99.65	
39-00-00		62171	38.75			99.92	*
Waterway Ag Inc Metropolis ,IL							
00-00-60	'MP	61105			61.5	102.5	
09-23-30	'9-23-30	61998	8.56	23.53	29.82	99.81	
09-23-30	'9-23-30	61106	9.06	24.41	30.06	102.76	
18-46-00	'DAP	61104	17.24	46.25		99.07	
White River LLC Loogootee ,IN							
28-00-00	'UAN 28-0-0	62935	27.91			99.68	
32-00-00	'UAN 32-0-0	62932	31.39			98.09	
32-00-00	'UAN 32-0-0	62923	31.34			97.94	

Values in bold are deficient.

\* Refer to Table 3

TABLE 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Winfield Solutions, LLC Saint Paul ,MN							
12-12-12	'12-12-12	61436	12.16	12.7	13.12	104.94	
16-06-16	'Pasture 16-6-16	61435	15.32	5.48	17.41	99.26	
Woodford Feed Company, Inc. Versailles ,KY							
00-00-50	'SOP	61395			51.41	102.82	
00-00-56		61651			58.13	102.94	*
00-00-60	'MOP	61394			59.58	99.3	
00-00-60	'MOP	62554			60.17	100.28	
00-00-60	'MOP	62325			60.37	100.62	
12-09-23		62335	11.51	9.86	22.96	102.05	*
12-09-23		62334	11.27	9.31	25.54	104.77	*
12-09-23		62333	11.28	9.92	25.03	105.41	*
12-09-23		62336	11.23	10.07	23.72	103.19	*
12-09-23		62337	11.32	9.26	23.65	101.24	*
12-09-23		62338	11.56	9.17	23.13	100.74	*
18-46-00	'DAP	62555	17.57	44.87		97.56	
18-46-00	'DAP	61396	17.64	46.07		99.49	
18-46-00	'DAP	62326	17.63	46.77		100.52	
21-00-00	'AS	62327	21.21			101	*
21-00-00	'AS	61397	21.21			101	*
23-20-13		62332	22.55	21.52	14.35	101.65	
26-00-17		61648	25.36		18.37	101.19	*
30-00-15		62331	29.89		15.25	101.25	*
38-00-00		62330	38.09			98.94	*
46-00-00	'Urea	62328	46.20			100.43	

Values in bold are deficient.

\* Refer to Table 3



# Regulatory Bulletin 346

## Table 5

Registered Companies  
and  
Licensed Blenders  
July 2020- June 2021



3G Green Garden Group, LLC  
1399 Corporate Center Parkway  
Santa Rosa CA 95407

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

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  
4516 N Howard Ave  
Kerman CA 93630

Advanced Biological Marketing Inc  
POB 222  
Van Wert OH 45891

Advanced Hemp Inc  
28623 Industry Dr  
Valencia CA 91355

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

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.  
5405 Spine Rd  
Boulder CO 80301

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

Ag Distributors Inc  
POB 90366 6615 Robertson Ave  
Nashville TN 37209

Ag Spectrum Co  
428 E 11th Street  
DeWitt IA 52742

Ag1 Coop  
469 East Highway 90 Bypass  
Monticello KY 42633

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

Agnition  
1600 Hanh Rd  
Marshall MN 56258

AgNutrition LLC  
13670 Brooks School Rd  
Nobelsville IN 46060

Agri-Chem - Hopkinsville  
4899 Pembroke Road  
PO Box 31  
Hopkinsville KY 42240

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

Agricultura, Biología y Servicios SA de CV  
Av Siglo XXI 124  
A Col. Santa Cruz de las Flores  
Tlajoulco de Zuniga CP Jalisco 45640

Agricultural Solutions LLC  
POB 567  
Safety Harbor FL 34695

AgriEnergy Resources  
21417 1950 E ST.  
Princeton IL 61356

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

Agri-Gro Marketing  
2095 Ripley 21S-15  
Doniphan MO 63935

Agrinos Inc  
279 Costeau Place Suite 100  
Davis CA 95618

Agriport Terminal  
1127 Port Authority Rd.  
Eddyville KY 42038

AgriTec International Inc  
8765 Stockard Drive Suite 304  
Frisco TX 75034-8006

Agrium U.S. A Subsidiary of Nutrien Ltd  
5296 Harvest Lake Dr  
Loveland CO 80538

AgroLiquid Fertilizer  
3055 W M 21  
St. Johns MI 48879

Agroplantae Inc  
1865 Herndon Ave Suite K321  
Clovis CA 93611

Agroplasma Inc  
5865 S Kyrene Rd Suite 1  
Tempe AZ 85283

AgroPlus Operationg LP  
POB 1250 5420 South FM 14  
Hawkins TX 75765

Agxplore Intl LLC  
POB 638  
Parma MO 63870-0638

A-J Inc  
291 N Hubbards Ln Suite 172-133  
Louisville KY 40207

Albaugh LLC  
POB 2127  
Valdosta GA 31604

All Plant Liquid Plant Food  
804 State Route 511 N  
Ashland OH 44805

Allen County Farmers Service, Inc.  
512 Smiths Grove Road  
Scottsville KY 42164

Allied Nutrients  
50 Pearl Road  
Brunswick OH 44212

Ambrosia Cropz  
POB 306  
Florence CO 81226

American Plant Food Corporation  
PO Box 584  
Galena Park TX 77547

Ameropa North America Inc  
2502 Rocky Point Drive Suite 580  
Tampa FL 33607

Amturf Enterprises, LLC  
13963 Westside Lane South  
Jefferson OR 97352

AMVAC Chemical Corporation  
4695 MacArthur Ct Suite 1200  
Newport Beach CA 92660

Anderson County Farm Service, Inc.  
145 Hawkins Street  
Lawrenceburg KY 40342

Anglo American Woodsmith Limited  
Resolution House, Lake View  
Scarborough North Yorkshire YO11  
3ZB

Antler King Trophy Products, Inc.  
7148 State Highway 199  
Upper Sandusky OH 43351

Antler Technologies LLC  
103 San Remo Dr  
Islamorada FL 33036

Anuvia Florida LLC  
6751 West Jones Ave  
Zellwood FL 32798

Anuvia Plant City LLC  
POB 770640  
Winter Garden FL 34777

AP Tech Group  
5130 Rialto Road  
West Chester OH 45069

APTUS USA LLC  
POB 12032  
Costa Mesa CA 92627

Aqua-Aid Inc dba Aqua-Aid Solutions  
5484 Old Carriage Rd  
Rocky Mount NC 27803

Aquatrols Corporation of America  
1273 Imperial Way  
Paulsboro NJ 08066

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

Athena Products Inc  
3811 Wacker Dr  
Mira Loma CA 91752

Atlantic Pacific Agricultural Co  
525 Clubhouse Dr #210  
Peachtree City GA 30269

Aurora Innovations  
29862 E Enid Rd  
Eugene OR 97402

Azomite Mineral Products Inc  
7406 NE 84th Terrace  
Kansas City MO 64157

Back to the Roots  
100 Webster Street, Suite 200  
Oakland CA 94607

Baicor, L.C.  
1895 N 600 W  
Logan UT 84321

Ball DPF LLC  
307 E Mulberry St  
Sherman TX 75090

Ballard County Coop., Inc.  
475 West KY Dr. PO Box 329  
La Center KY 42056

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

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

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

BASF Corporation  
26 Davis Drive  
Research Triangle Park NC 27709

Bean Stalk Agriculture LLC  
26485 Summit Circle  
Santa Clarita CA 91350

Beaty Fertilizer  
P.O. Box 2516  
Cleveland TN 37320

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

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)  
28613 S State Route T  
Garden City MO 64747

Bio Huma Netics Inc  
1331 W Houston Ave  
Gilbert AZ 85233

Biodel AG Inc  
38768 W Farrell Rd  
Maricopa AZ 85138

Biodyne USA  
3850 Concept Court  
Fort Wayne IN 46808

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

BioSafe Systems  
22 Meadow St  
East Hartford CT 06108

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

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

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

Bonide Products, LLC  
6301 Sutliff Road  
Oriskany NY 13424

Borates Plus Inc  
150 Roundabout Court  
Rocky Mount NC 27804

Botanicare  
800 Port Washington Blvd  
Port Washington NY 11050

Botaniworld LLC  
945 Concord Street  
Farmington MA 01701

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

Brett-Young Seeds LTD  
Box 99 St. Norbert Postal Station  
Winnipeg MB R3V 1L5

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

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

Calcean Minerals & Materials LLC  
140 Thomas Drive  
Gadsden AL 35904

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

Calusolv LLC  
POB 130  
Franklin KY 42135

Cameron Chemicals Inc  
4530 Professional Circle Suite 201  
Virginia Beach VA 23455

Canton Mills, Inc  
160 Mill Street  
Minnesota City MN 55959

Carolina Eastern Inc  
347 McAllister Mill Rd  
Scranton SC 29591

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

CH Biotech R&D  
601 Kettering Drive  
Ontario CA 91761

Charlie's Compost LLC  
1191 Hwy 815  
Calhoun KY 42327

Chem One LTD  
14140 Westfair East Dr.  
Houston TX 77041

Cherokee Nitrogen  
1080 Industrial Dr  
Cherokee AL 35616

Chiles Ag Services  
3317 Rayburn Rd  
Murray KY 42071

CHS Crop Nutrients  
5500 Cenex Drive  
Inver Grove Heights MN 55077

CHS Crop Nutrients - Owensboro  
6133 Hwy 60 E  
Owensboro KY 42303

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

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

Coast of Maine Organic Products  
145 Newbury Street  
Portland ME 04101

Commonwealth Agri Solutions  
1075 Hwy 60 W PO Box 350  
Morganfield KY 42437

Commonwealth Agri-Solutions LLC  
4893 Pembroke Rd POB 31  
Hopkinsville KY 42241

Compass Minerals Ogden Inc  
9900 W. 109th Street  
Overland Park KS 66210

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 Agri-Tek  
1300 Plant Road  
Charleston MO 63834

Conklin Company Inc  
551 Valley Park Dr  
Shakopee MN 55379-0000

Croda Inc  
777 Scudders Mill Road Suite 200  
Plainsboro NJ 08536

Cromartie Agricultural Chemicals  
PO Box 71647  
Albany GA 31708

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

CSI Chemical Corporation  
1716 Montana Avenue  
El Paso TX 79902

Cytozyme Laboratories Inc  
2700 South 600 West  
Salt Lake City UT 84115

Dakine 420 LLC  
494 SW Veterans Way Suite 6  
Redmon OR 97756

Darling Ingredients - Henderson  
305 Priest St  
Henderson KY 42420

Darling Ingredients Inc - Irving TX  
5601 N. MacArthur Blvd  
Irving TX 75038

DASCO Inc  
9785 Maroon Circle #110  
Englewood CO 80112

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

Davey Tree Expert Company  
6065 Branch Hill Rd  
Milford OH 45150

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

Davis Brothers Farms  
POB 487  
Cunningham KY 42035

DeltAg  
POB 4812  
Greenville MS 38704

Dicalite Management Group Inc  
100 Four Falls Suite 500  
Conshohocken PA 19428

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

Donaghys Industries LTD  
63 Bradshaw Street  
Dunedin 00000

Douglas Plant Health  
1550 E. Old 210 Highway  
Liberty MO 64068

Down to Earth Distributors Inc  
POB 1419  
Eugene OR 97440

Dr. Earth Inc  
POB 460  
Winters CA 95694

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

Dramm Corporation  
P.O. BOX 1960  
Manitowoc WI 54220

Drexel Chemical Company  
POB 13327  
Memphis TN 38113-0327

Dyna-Gro  
2775 Giant Rd  
Richmond CA 94806

Earth Science Laboratories Inc  
903 N47th Street Suite 105  
Rogers AR 72756

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

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

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  
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

Enviroscape, ECM  
300 South Chestnut St  
Deshler OH 43516

Espoma Company  
6 Espoma Rd  
Millville NJ 08332

Eurochem North America Corporation  
3227 E 31st Street  
Tulsa OK 74105-2453

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

Evergreen Way Inc  
1002 Garfield Ave  
Venice CA 90291

Everris NA  
POB 3310  
Dublin OH 43016

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

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

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

Farmer's Organic  
137 Phipps Ave  
Newton GA 39870

FBN Inputs, LLC  
388 El Camino Real  
San Carlos CA 94070

FBSciences Inc  
153 N Main Suite 100  
Collierville TN 38017

Ferti Technologies  
560 Rheaume C.P 129  
Saint-Michael QC JOL 2J0

Fertile Peat Products LLC  
250 ProPeat Drive  
Sugar City ID 83448

Field 16 dba HEAVY 16  
2665 Temple Ave  
Signal Hill CA 90755

Fleming County Farm Supply  
1724 Maysville Road  
Flemingsburg KY 41041

Floradis Enterprises Inc  
POB 156  
Riva MD 21140

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

Foxfarm Soil & Fertilizer Company  
POB 787  
Arcata CA 95518

Frank Hinton & Son  
591 Plummers Landing Road  
Plummers Landing KY 41081

Frit Industries  
P.O. Box 1589  
Ozark AL 36361

Front Row Ag LLC  
2794 Great Cove Rd  
Warfordsburg PA 17267

Galaxy Sulfur LLC  
1729 Dow Street  
Valdosta GA 31601

Garick  
13600 Broadway Ave  
Cleveland OH 44125

Gaskins Fertilizer  
1820 Millerfield Road  
Russell Springs KY 42642

Gavilon Fertilizer Inc  
5 Skidaway Village Walk  
Savannah GA 31411

General Hydroponics  
POB 1576  
Sebastopol CA 95473

Generic Crop Science LLC  
1887 Whitney Mesa Drive #9740  
Henderson NV 89014

Giles Chemical Corp  
Div of Premier Magnesia LLC  
PO Box 370  
Waynesville NC 28786

Granco Minerals Inc  
23011 Airpark Drive  
Petersburg VA 23803

Grant County Mulch Inc  
181 Mulch Drive  
Petersberg WV 26847

Green Charger Fertilizer Corporation  
POB 26234  
Richmond VA 23260

Green Field Farms  
6464 Fredricksburg Rd  
Wooster OH 44691

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

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

Green Soil Solution LLC  
1821 Belt Way Drive  
St. Louis MO 27889

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

Green Technologies LLC  
POB 35790  
Gainesville FL 32635-7905

GreenGro. LLC  
7796 Bell Rd.  
Windsor CA 95492

GreenPoint Ag - Hardinsburg  
1268 Highway 261 PO Box 459  
Hardinsburg KY 40143

Gro Green Inc  
717 Elk St  
Buffalo NY 14210

Gro Tec Inc  
POB 290  
Madison GA 30650-1821

Gro-Mor  
281 Farmland Rd  
Leola PA 17540

Grow Appalachia  
CPO 2122  
Berea KY 40404

Grow More Inc  
15600 New Century Drive  
Gardena CA 90248

Gro-Well Brands Inc  
POB 25406  
Tempe AZ 85285

Growers Mineral Corp  
321 Huron St POB 1750  
Milan OH 44846-0000

Grower's Secret  
2300 Wilbur Lane Unit B  
Antioch CA 94509

Growmark Inc  
1701 Towanda Ave.  
Bloomington IL 61702

Growth Products Ltd  
80 Lafayette Ave  
White Plains NY 10603

GTX Turf Farms LP  
99Aero Camino Suite B  
Goleta CA 93117

Haifa North America Inc  
307 Cranes Roost Blvd #2030  
Alamonte Springs FL 32701

Hancock County Farm Supply, Inc.  
740 Madison Street PO Box 95  
Hawesville KY 42348

Harrell's, LLC  
720 Kraft Road  
Lakeland FL 33815

Harrell's, LLC  
151 Gene E. Stewart Blvd  
Sylacauga AL 35151

Harrison Gypsum LLC  
1550 Double Dr  
Norman OK 73069

Harsco Metal & Minerals  
359 North Pike Rd  
Sarver PA 16055

Hawthorne Hydroponics  
Hawthorne Gardening  
3204 NW 38th Circle  
Vancouver WA 98660

Hawthorne Hydroponics  
dba General Hydroponics  
2877 Giffen Avenue  
Santa Rosa CA 95407

Hawthorne Hydroponics  
dba General Organics  
2877 Giffen Avenue  
Santa Rosa CA 95407

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, LLC 225  
Schilling Blvd Suite 300  
Collierville TN 38017

Helm Fertilizer  
10150 Highland Manor Dr Suite 230  
Tampa FL 33610

Helm Fertilizer Company  
401 East Jackson St., Suite 1400  
Tampa FL 33602

Henry Farmers 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 Pkwy Ste 250  
Las Vegas NV 89169-6754

Highland Sod Farm  
1377 Hutcherson Lane  
Elizabethtown KY 42701

Hilander Feed Company  
618 Military Street  
Georgetown KY 40324

Hinton Mills at Cynthiana  
332 Lincoln Ave  
Cynthiana KY 41031

Holganix LLC  
3033 Market Street  
Aston PA 19014

Hopkinsville Ag  
2870 Memory Lane  
Hopkinsville KY 42240

Horizon Ag-Products, LP  
1819 Denver West Drive Suite 350  
Lakewood CO 80401

Howard Fertilizer & Chemical Company  
POB 628202  
Orlando FL 32862

Howard Johnson Enterprises Inc  
9675 S 60th St  
Franklin WI 53132

HPI Distribution Corp  
3811 Wacker Dr  
Mira Loma CA 91752

Humane LLC  
547 N 20 W  
Vineyard UT 84059

Humboldt Bottling  
POB 429  
Fortuna CA 95540

Hydrite Chemical Company  
300 N Patrick Blvd  
Brookville WI 53045

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  
Mount Vernon KY 40456

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

ICL Specialty Products Inc  
622 Emerson Rd Suite 500  
St Louis MO 63141

IMC Outdoor Living  
a Division of Liberty Tire Recycling  
PO Box 31366  
Des Peres MO 63131

Impello Biosciences Inc  
900 Josephine Court Unit 2  
Loveland CO 80537

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

Innova Performance Products  
POB 388  
Milford Center OH 43045

Innvictis BioScience Plant Health  
Technologies  
POB 9296  
Boise ID 83707

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

Intrepid Potash New Mexico LLC  
1996 Potash Mines Rd  
Carlsbad NM 88220

Isagro USA Inc  
1005 Slater Road Suite 212  
Durham NC 27703

Italpollina USA  
1800 Purdue Parkway  
Anderson IN 46016

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 - Lathrop  
PO Box 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

JM Fertilizer  
610 W Azele Street Suite 101  
Tampa FL 33606

Johnny Appleseed Orchards LLC  
103 Doc Rider Rd  
Folkston GA 31537

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

Kannar Earth Science Ltd.  
2420 Tech Center Parkway, Building  
100  
Lawrenceville GA 30043

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

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

Kellogg Garden Products  
350 W Sepulveda Blvd  
Carson CA 90745

Kelly Limestone LLC  
POB 708  
Lake Ozark MO 65049

Kelp Products International  
1823 Shaw Avenue, Suite 103  
Clovis CA 93611

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

Kent Marine  
9675 S. 60th Street  
Franklin WI 53132

Kentucky American Seeds  
205 Means Avenue PO Box 1104  
Hopkinsville KY 42240

Kentucky Fertilizer - Winchester  
303 Hill Street  
Winchester KY 40391

Kentucky Organics Farm & Feed  
4050 Guthrie Rd  
Guthrie KY 42234

Key Grow Solutions  
421 Leader Street  
Marion OH 43302

Keyplex  
POB 2515  
Winter Park FL 32790

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

Koch Agronomic Services LLC  
POB 2900  
Wichita KS 67201-2900

Koch Fertilizer LLC  
POB 2900  
Wichita KS 67201

Kugler Company  
PO Box 1748  
McCook NE 69001

Lawn and Garden Products Inc  
POB 35000  
Fresno CA 93745



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

Lebanon Seaboard Corporation  
1600 East Cumberland Street  
Lebanon PA 17042

Legacy Chemical Solutions  
404 S. Vine Street  
Camargo IL 61919

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

Louisville & Jefferson County MSD  
4522 Algonquin Parkway  
Louisville KY 40211

Louisville & Jefferson County MSD  
4522 Algonquin Parkway  
Louisville KY 40211

Loveland Products, Inc.  
7251 West 4th Street  
PO Box 1286  
Greeley CO 80632

Mac Farms  
469 Gwinn Lane  
Campbellsville KY 42718

Macon Trousdale Farms  
905 Scottsville Rd.  
Lafayette TN 37083

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

Marrone Bio Innovations Inc  
1540 Drew Avenue  
Davis CA 95618

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

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

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

Martin Operating Partnership LP  
POB 191  
Kilgore TX 75663-0191

Master Blend International LLC  
4673 Weitz Rd  
Morris IL 60450

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

Meristem Crop Performance  
1276 Lakemore Dr  
Woodbury MN 55129

MFA Incorporated  
201 Ray Young Drive  
Columbia MO 65201

Michigan Peat Company  
POB 980129  
Houston TX 77098-0129

Mid States Ag Sales LLC  
POB 3003  
Lavergne TN 37086-1983

Mid-America River and Rail LLC  
431 Nursery Road Suite B 500  
The Woodlands TX 77380

Midwest AGri-Chemico Inc  
POB 1717 4868 Nash  
Cape Girardeau MO 63702

Miller Chemical & Fertilizer LLC  
POB 333 Radio Road  
Hanover PA 17331

Milwaukee Metro Sewerage District  
POB 3049  
Milwaukee WI 53201-3049

Miracle-Gro Lawn Products, Inc.  
14111 Scottslawn Rd  
Marysville OH 43041

Mirimichi Green Express LLC  
418 Hermitage Rd  
Castle Hayne NC 28429

MK Minerals Inc  
1025 Vernon Rd  
Wathena KS 66090

Monty's Plant Food  
4800 Strawberry Lane  
Louisville KY 40209

Morrall Company  
132 Postle Street POB 26  
Morrall OH 43337

Mosaic Global Sales, LLC.  
13830 Circa Crossing Dr.  
Lithia FL 33547

Mycorrhizal Applications LLC  
810 NW E ST  
Grants Pass OR 97526

N-7, LLC  
4425 Singing Hills Blvd.  
Sioux City IA 51106

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

Nature's Best LLC  
22349 Kimberly Rd STE E  
Kimberly ID 83341

New England Fertilizer Company  
9125 W Jefferson Ave  
Detroit MI 48209

New England Fertilizer Company  
97 East Howard Street  
Quincy MA 02169

Nousbo USA Inc  
1020S 344th Street Suite 203  
Federal Way WA 98003

Novelty Manufacturing Company  
1330 Loop Road  
Lancaster PA 17601

Nufarm Americas Inc  
11901 S Austin Avenue  
Alsip IL 60803

Nutrien Ag Solutions - Allensville  
7645 Allensville Road PO Box 25  
Allensville KY 42204

Nutrien Ag Solutions - Campbellsville  
144 Airport Road PO Box 7  
Campbellsville KY 42719

Nutrien Ag Solutions - Cecilia  
356 Robinson Street  
Cecilia KY 42724

Nutrien Ag Solutions - Clarkson  
702 West Main Street PO Box 8  
Clarkson KY 42726

Nutrien Ag Solutions - Clarksville  
5217 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 - Elizabethtown  
3950 Hodgenville Road  
Elizabethtown KY 42701

Nutrien Ag Solutions - Fancy Farm  
10693 State Route 121 N  
Fancy Farm KY 42039

Nutrien Ag Solutions - Glasgow  
4220 Old Bowling Green Road  
Glasgow KY 42141

Nutrien Ag Solutions - Greeley  
POB 1286  
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 - Hopkinsville  
3530 Eagle Way  
Hopkinsville KY 42240

Nutrien Ag Solutions - Kevil  
6696 Paducah Road  
PO Box 112 Kevil KY 42053

Nutrien Ag Solutions - Lebanon  
565 Royer Avenue  
PO Box 493  
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  
795 Butterworth Road  
Murray KY 42071

Nutrien Ag Solutions - Pembroke  
221 Duffy Street  
PO Box 129  
Pembroke KY 42266

Nutrien Ag Solutions - Riverport  
2700 Rinaldo Rd  
Owensboro KY 42301

Nutrien Ag Solutions - Russellville  
3256 Clarksville Road  
Russellville KY 42276

Nutrien Ag Solutions - Russellville  
5240 Halls Store Road  
Russellville KY 42276

Nutrien Ag Solutions - Sacramento  
PO Box 229  
Sacramento KY 42372

Nutrien Ag Solutions - Salem  
318 West Main Street  
Salem KY 42078

Nutrien Ag Solutions - Sedalia  
1680 State Route 339 East  
PO Box 9  
Sedalia KY 42079

Nutrien Ag Solutions - Shelbyville  
256 Old Brunerstown Road  
Shelbyville KY 40065

Nutrien Ag Solutions - Slaughters  
3110 Jewell City Road  
Slaughters KY 42456

Nutrien Ag Solutions - Upton  
14109 South Dixie Hwy PO Box 380  
Upton KY 42784

Nutrien Ag Solutions - Waverly  
4630 US HWY 60 East  
Waverly KY 42462

Nutrien Ag Solutions Inc  
1000 Port Plaza Rd.  
Henderson KY 42420

N-Vizion Products Group Inc  
POB 579  
Washington GA 30673

Oakley Fertilizer  
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  
Hartsville 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

Omya Inc  
9987 Carver Rd  
Cincinnati OH 45242

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

Osprey Biotechnics Inc  
1845 57th Street  
Sarasota FL 34243

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

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

Our Better Nature  
544 Pitt Rd  
Brownsburg IN 46112

Outsidepride.com, Inc.  
915 N Main St  
Independence OR 97351

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

Parker Farm Supply  
8201 Port Royal Road PO Box 33  
Port Royal KY 40058

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

Patriot Ag LLC - Clinton  
4217 State Route 703  
Clinton KY 42031

Patriot Ag LLC - Mayfield  
400 Crittendon Lane  
Mayfield KY 42066

PBI Gordon Corp  
PBI/Gordon Corporation  
POB 860350  
Shawnee KS 66286

PCI Nitrogen Pasadena LLC  
POB 3447  
Pasadena TX 77501

PCS Sales (USA) Inc  
A Subsidiary of Nutrien LTD  
Corp. 500, 500 Lake Cook Rd Ste 150  
Deerfield IL 60015

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

Pegasus Ventures LLC  
1905 N Wilcox Ave #179  
Los Angeles CA 90068

Pellechar LLC  
370 Interlocken Blvd Suite 680  
Broomfield CO 80021

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

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

Perfect Blend LLC  
10900 NE 8th Street Suite 615  
Bellevue WA 98004

PGR AgVantage Inc  
8450 Remington Drive  
Evansville IN 47711

Phase II Inc  
POB 185 15750 S 680 W  
Remington IN 47977

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

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

Plant Products USA  
50 Hazelton St  
Leamington ON N8H 3W1

Plant Revolution Inc  
412 Goetz Ave  
Sant Ana CA 92707

Plant Tuff  
9600 Mercier  
Dearborn MI 48120

Plantabbs Products  
POB 165  
Hunt Valley MD 21030

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

PowerAg  
2213 Leabrook Rd  
Lancaster PA 17601

PQ LLC  
POB 840  
Valley Forge PA 19482

Precision Laboratories  
1429 S Shields Dr  
Waukegan IL 60085

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

Prestige Marketing LTD  
815 Brown Road  
Orion MI 48359

Primary Ocean PBC  
24011 FM 1097 W  
Montgomery TX 77356

Prime Source LLC  
POB 250 10025 US Hwy 264 Alt  
Middlesex NC 27557

Prince Erachem Mexico S.A. de C.V  
Carretera Tampico Valles KM. 28  
Tamos, Panuco 92018

Pro Ag Sales & Service - Danville  
410 Vaksdahl 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

Pro Solutions - Hiseville  
66 East Main St Hwy 70 PO Box 98  
Hiseville KY 42127

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

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

Rare Dankness Nutrients  
POB 462055  
Aurora CO 80046

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

Restora-Life Minerals Inc  
PO Box 725  
Bay Springs MS 39422

Rhino Seed & Landscape Supply, LLC  
1093 129th Avenue  
Wayland MI 49348

Rhizoflora Inc  
4770 Occidental Rd  
Santa Rosa CA 95401

Rhodes Farm Supply  
2070 Perrytown Road  
Scottsville KY 42164

Rip's Farm Center - Tollesboro  
214 Lions Club Road PO Box 176  
Tollesboro KY 41189

RitePack Inc  
3601 S Leonard Rd  
St Joseph MO 64503

River Ag of Illinois Inc  
POB 629  
Metropolis IL 62960

River Bend Ag LLC  
P.O. BOX 126  
New Madrid MO 63869

Roberta's Gardens  
4246 E500S  
Waldron IN 46182

Rock Holdings SA PTY LTD  
CNR Brian and Lyndsay Rd  
Lonsdale, South 5095

Rod McLellan Company - Oregon  
POB 70  
Independence OR 97351

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

ROI Biologicals LLC  
5485 State Route 37 South  
Cypress IL 62923

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

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

Rotam North America LLC  
4900 Koger Blvd Suite 220  
Greensboro NC 27407

Royal Gold LLC  
600 F St Suite3 # 603  
Arcata CA 95521

S. J. Enterprises  
7 O'Connor Court  
Gepps Cross 5094

Safer Inc (AWOS of Woodstream)  
69 N Loctus Street  
Lititz PA 17543

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

Schaeffer Manufacturing Company  
102 Barton Street  
St. Louis MO 63104

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

Sea6 Energy Pvt. Ltd.  
Centre for Cellular and Molecular Platforms  
NCBS-TIFR Campus, GKVK Post  
Bellary Road Bangalore 560065

Seventy Feeds LLC  
1647 Highway 70 East  
Eubank KY 42567

Sharkey Products LLC  
305 Henriette Ave  
Crivitz WI 54114

Simplot AB Retail Sub Inc  
POB 9296  
Boise ID 83707-3296

Simplot Grower Solutions - Fancy Farm  
9625 State Route 121 N.  
Fancy Farm KY 42039

Simplot Grower Solutions - Franklin  
6007 Bowling Green Road  
Franklin KY 42134

Simplot Grower Solutions - Glasgow  
242 Nobob Road PO Box 126  
Glasgow KY 42039

Simplot Grower Solutions - Hartford  
1320 Highway 231 North  
Hartford KY 42347

Simplot Grower Solutions - Russellville  
95 Utility Drive  
Russellville KY 42276

SimplyGro LLC  
373 South Willow Street Suite 289  
Manchester NH 03103

Sims Bark Company  
POB 4049  
Muscle Shoals AL 35662

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

Soil Exchange  
4516 N Howard  
Kerman CA 93630

Sojitz Corporation of America  
1120 Avenue of the Americas  
New York NY 10036

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

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 - Cynthiana  
1236 US Highway 27 South  
Cynthiana KY 41031

Southern States - Elizabethtown  
402 South Mulberry Street  
Elizabethtown KY 42701

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

Southern States - Eminence  
760 Elm Street  
Eminence KY 40019

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

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

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

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  
401 Bluegrass Ave  
Horse Cave KY 42749

Southern States - London  
1208 Barbourville Street  
London KY 40741

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

Southern States - Morganfield  
2746 Highway 60 West  
Morganfield KY 42437

Southern States - Owensboro  
3231 Carter Road  
Owensboro KY 42301

Southern States - Owenton  
335 Main Street  
Owenton KY 40359

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

Southern States - Richmond  
1607 East Main Street  
Richmond KY 40475

Southern States - Richmond VA  
6606 West Broad St  
Richmond VA 23260

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

Southern States - Sebree  
1112 Highway 41 North  
Sebree KY 42455

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

Southern States - Somerset  
271 Highway 2227  
Somerset KY 42503

Southern States - Springfield  
1752 Bardstown Road  
Springfield KY 40069

Southern States - Stanford  
175 Cordier Street  
Stanford KY 40484

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

Southern States - Winchester  
21 Pendleton Street  
Winchester KY 40391

Spectrum Group  
POB 142642  
St. Louis MO 63114

Speedling  
POB 307  
Bushnell FL 33513

Spray-N-Grow Inc  
20 Hwy 35 South  
Rockport TX 78382

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 Co  
20947 HWY 54  
Louisiana MO 63353

Stoller Enterprises Inc  
9090 Katy Freeway Suite 400  
Houston TX 77024

Success Nutrients  
3700 Quebec St #100-325  
Denver CO 80207

Sugar Creek Ag  
983 Locust Lane  
Shelbyville KY 40065

SUL4R Plus, LLC  
12601 Plantside Drive  
Louisville KY 40299

Sun Bulb Company, INC.  
P.O. Drawer 698  
Arcadia FL 34265

Sun Gro Horticulture Distributing  
770 Silver Street  
Agawam MA 01001

Sunleaves Garden Products  
1000 W Missississippi Avenue  
Denver CO 80223

Sunlight Supply Inc  
3204 NW 38th Circle  
Vancouver WA 98660

Superior Ag Resources  
POB 7  
Chrisney IN 47611

Superior Ag Resources  
PO Box 38  
St. Meinrad IN 47577

Sustane Natural Fertilizer  
310 Holiday Ave  
Cannon Falls MN 55009

Swiss Farms Products  
3993 Howard Hughes Parkway  
Las Vegas NV 89169

Swiss Singapore America Inc  
317 Main Street Suite 200  
Franklin TN 37064

Sylvite LLC  
1607 W. Olive  
Lakeland FL 33815

Symborg Inc  
POB 12810  
San Louise Obispo CA 93406

Synthetic Materials  
6009 Brownsboro Park Blvd Suite F  
Louisville KY 40207

T and N Inc  
POB 240 815 HWY T  
Foristell MO 63348



Target Specialty Products  
15415 Marquardt Avenue  
Santa Fe Springs CA 90670

Technaflora Plant Products LTD  
7261 River Place Unit 101  
Mission BC V4S 0A2

Tennessee Farmers Coop - Lavergne  
180 Old Nashville Highway POB 3003  
LaVergne TN 37086

Terrace Brands  
3993 Howard Hughes Pkwy Suite 250  
Las Vegas NV 89169

Terraform Ag LLC  
925 S Beechtree Street Suite 1A  
Grand Haven MI 49417

TerraVesco  
POB 1224  
Sonoma CA 95476

Tessengerlo Kerley  
2910 N. 44th Street Suite 100  
Phoenix AZ 85018

TEVA Corporation  
6100 State Highway 77  
Benton MO 63736

The Andersons Inc  
POB 119  
Maumee OH 43537

The Doggett Corporation  
30 Cherry Street  
Lebanon NJ 08833

The Fertrell Company  
PO Box 265  
Bainbridge PA 17502

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

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

The Organic Mechanics  
Soil Company LLC  
POB 272  
Modena PA 19358

The Scotts Company  
14111 Scottslawn Road  
Marysville OH 43041

This Land Inc  
1434 Spruce Street Suite 100  
Boulder CO 80302

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

Topbuxus Growing Solutions  
Markweg 5- 4856 AC  
Strijbeek

Tower Garden LLC  
140 Crescent Dr  
Collierville TN 38017

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

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

Triple G Fertilizer  
4422 US 51 South  
Arlington KY 42021

True Organic Products Inc  
16782 West Kamm Ave  
Helm CA 93627

TruGreen - Florence  
7980 Kentucky Drive  
Florence KY 41042

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

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

TruGreen Lexington  
2269 Danforth Drive  
Lexington KY 40511

TruGreen Louisville  
13135 Middletown Ind Blvd.  
Louisville KY 40223

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

U.S. Borax Inc  
200 E Randolph Street Suite 7100  
Chicago IL 60601

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

Valagro  
2020 Ponce De Leon Blvd Suite 1203  
Coral Gables FL 33134

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

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

Verano365  
375 Commerce St Suite 100  
Southlake TX 76092

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

Vermicrop Organics  
5050 Arboga Rd  
Olivehurst CA 95961

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

Wallace Farm Inc  
14410 Eastfield Road  
Huntersville NC 28078

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 - Liberty  
699 Whipp Avenue  
Liberty KY 42539

Warner Fertilizer - Monticello  
P O Box 117  
Monticello KY 42633

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

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

Warner Fertilizer - Somerset  
POB 796  
Somerset KY 42502

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

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

Waterway Ag Inc  
POB 629  
Metropolis IL 62960

WAVE Group LLC  
1634 E 3900 N  
Buhl ID 83316

Waynesburg Ag  
457 Jake Faw Rd  
Waynesburg KY 40489

Weakley Farmers Cooperative  
POB 28 330 Nash St  
Martin TN 38327

Wedgworth's Inc  
930 E Sugarland Hwy  
Clewiston FL 33440

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

Wengerd Farms  
8609 Hwy 88  
Greensburg KY 42743

White River LLC  
610 Church Street  
Loogootee IN 47553

Wilbur-Ellis LLC  
7 E Washington Avenue  
Yakima WA 98903

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

Wiserg Corporation  
15459 NE 95th Street  
Redmon WA 98052

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

Woodstream Corporation  
PO Box 8648  
Lancaster PA 17604

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

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

Zinc Nacional, S.A.  
Searfin Pena #938 Sur  
Monterey, N.L. 64000



# Regulatory Bulletin 346

## Appendices

Appendix A – Explanation of Tables

Appendix B – Investigational Allowances

Appendix C – Monetary Penalties

Appendix D – Maximum Chlorine Guarantee  
for Tobacco Fertilizers

July 2020- June 2021



## 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 - \$7.00, P<sub>2</sub>O<sub>5</sub> - \$6.50, and K<sub>2</sub>O (Non-Tobacco) - \$6.00. The “Guaranteed Value” is calculated as follows:

<u>Element</u>	<u>Guaranteed ,%</u>		<u>Unit Value</u>		<u>Value</u>
N	6.0	X	7.00	=	42.00
P <sub>2</sub> O <sub>5</sub>	24.0	X	6.50	=	156.00
K <sub>2</sub> O	24.0	X	6.00	=	144.00
<b>Total “Guaranteed Value”</b>					<b>342.00</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	7.00	=	41.30
P <sub>2</sub> O <sub>5</sub>	24.1	X	6.5	=	156.65
K <sub>2</sub> O	23.9	X	6	=	143.40
Total “Found Value”					341.35

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** – Analyses results of secondary and micronutrient elements.

**Table 4** - 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 by grade.

**Table 5** – Listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of June 30, 2020.



## 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.

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
-----------------------	-------------

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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