

Annual Report

Analyses of Official Fertilizer Samples

July 2018 – June 2019



Division of Regulatory Services
Lexington, Kentucky 40546-0275
www.rs.uky.edu

**Division of Regulatory Services
Kentucky Agricultural Experiment Station
University of Kentucky
College of Agriculture, Food and Environment**

Darrell Johnson, Executive Director
Stephen McMurry, Director
Fertilizer and Seed Regulatory Programs
Robert Counts, Auditor

Inspection Staff

Jim True
Coordinator, Field Inspection Staff

Mark Barrow
Brad Johnston
Warren Pinkston

Terry Prather
Nathan Keith

John S. Flood
David Mason
Bart Young

Laboratory Staff

Frank Sikora, Director of Labs and Soils
Sharon Webb, Quality Control Director
Solomon Kariuki, Lab Manager

Ryan Baldwin
Phil Dickson
Wayne Ingram

Gary Coleman
Steve Duckett
Debra Sipe
Lancao Zhang

Bruce Combs
David Harover
David Tompkins

Administrative Staff

Tony Benge, Computer Systems Manager III
Patrick Coslow, Systems Analyst
Shannon Shields, Data Processing
Katherine Crawford, Data Entry
Monica Benjamin, Data Entry
June Crawford, Staff Associate

This report was compiled and prepared by Stephen McMurry with the assistance of the Inspection, Laboratory, and Administrative Staffs.

Table of Contents

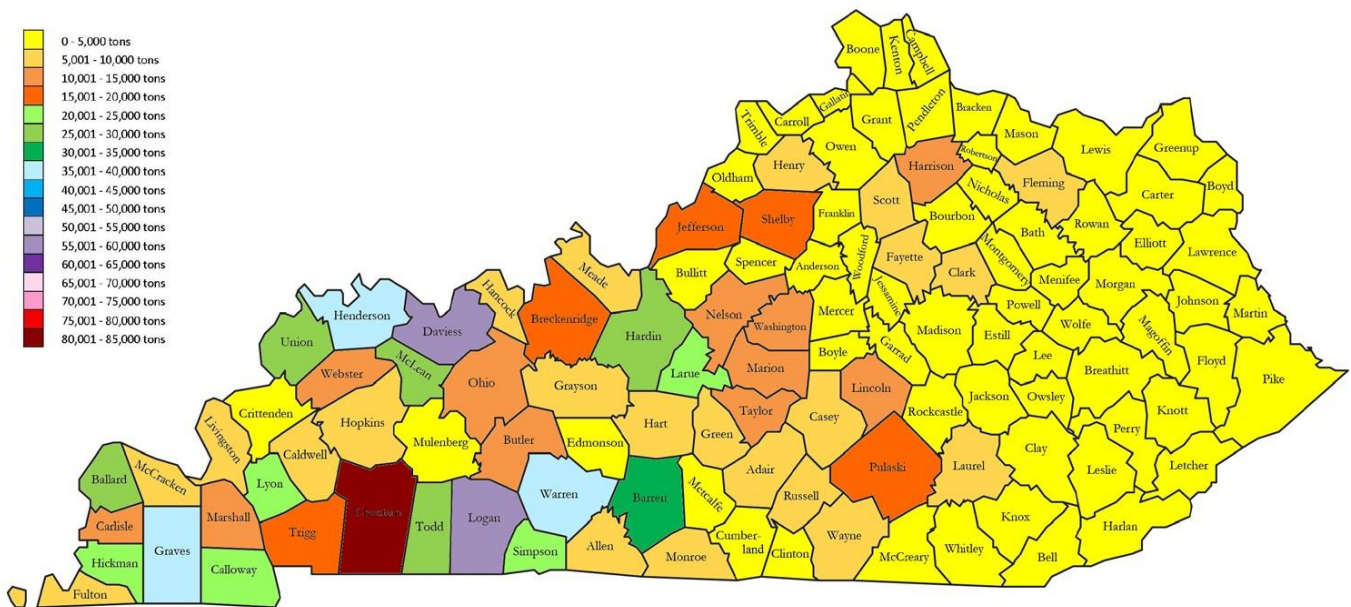
Introduction	1
Commercial Fertilizer Values for 2018 and 2019.....	2
Fertilizer Distribution Summary (Tons) July 2018 – June 2019.....	3
Table 1. Standing of Manufacturers	4
Table 2. Detailed Inspection Reports	10
Table 3. Detailed Inspection Reports of Fertilizer Containing Micronutrients	87
Table 4. Registered Companies 2018-2019.....	149
Appendices	
Appendix A : Explanation of Tables	171
Appendix B: Investigational Allowances.....	173
Appendix C: Monetary Penalties.....	175
Appendix D: Maximum Chlorine Guarantee for Tobacco Fertilizers.	177



INTRODUCTION

This bulletin presents the results of the analysis of 2,691 official samples of commercial fertilizer taken during the period of July 1, 2018 through June 30, 2019 by the field inspection staff. The samples represented approximately 61,000 tons of fertilizer out of the approximately 1,058,000 tons sold during this period. The Laboratory made 2,206 nitrogen, 1,757 phosphorus, 1,871 potassium, and 1,371 secondary and minor element 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, P₂O₅, and K₂O analyses of samples of mixed fertilizers and fertilizer materials. Table 3 contains the results of secondary and minor element analyses. Table 4 is a listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of June 30, 2019.

Distribution of Fertilizer in Kentucky July 2017 through June 2018



Commercial Fertilizer Values for Calendar Years

Under provision of Chapter 250.401 of the Kentucky Law of 1995 the following unit values were used in assessing penalties for deficient fertilizer.

Nutrient	2018	2019
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$8.55	\$9.44
Avail. Phosphate (P ₂ O ₅)	\$7.15	\$8.60
Soluble Potash (K ₂ O)		
Tobacco (Low CL)	\$14.29	\$14.13
Non-Tobacco	\$5.49	\$6.30
Calcium (Ca)	\$6.76	\$5.41
Magnesium	\$31.69	\$33.09
Sulfur (S)	\$9.45	\$9.40
Boron (B)	\$109.91	\$122.18
Copper (Cu)	\$166.67	\$166.67
Iron (Fe)	\$16.50	\$13.81
Manganese (Mn)	\$35.71	\$35.71
Molybdenum (Mo)	\$20.20	\$20.20
Zinc (Zn)	\$51.50	\$53.16

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 2018 through June 2019

	Total	Container			Use	
		Bagged	Bulk	Liquid	Farm	Non-Farm
Multi-Nutrient	380,135.48	49,608.84	315,380.31	15,146.33	343,746.95	36,388.53
Nitrogen	447,644.80	13,653.08	157,114.12	276,877.61	442,421.04	5,223.76
Phosphate	3,466.85	26.48	3,315.71	124.66	3,465.23	1.62
Potash	205,446.62	18,134.04	186,266.06	1,046.52	204,502.50	944.13
Organics	875.45	209.32	255.20	410.93	731.06	144.39
Sec/Micro	7,111.83	2,114.35	3,948.56	1,048.92	6,448.64	663.19
Miscellaneous	13,363.57	1,900.06	10,601.17	862.33	12,056.01	1,307.56
Total	1,058,044.59	85,646.18	676,881.13	295,517.29	1,013,371.41	44,673.18

Percentage by container:

Bagged	8.10%
Bulk	63.97%
Liquid	27.93%

Percentage by use:

Farm	95.78%
Non-Farm	4.22%

Regulatory Bulletin 339

2018-2019 Analysis of Official Fertilizer Samples

Regulatory Bulletin 339

Table 1 Standing of Manufacturers

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Advanced Micronutrient Products - Reese, MI	4	4	100%
Advanced Turf Solutions - Fishers - Fishers, IN	1	0	0%
Ag Distributors Inc - Nashville, TN	14	14	100%
Agri-Chem - Herndon - Herndon, KY	9	9	100%
Agri-Chem - Hopkinsville - Hopkinsville, KY	12	11	92%
Agri-Chem - Princeton - Princeton, KY	1	1	100%
AgriGro Farm Center, Inc. - Hartford, KY	15	15	100%
Agriport Terminal - Eddyville, KY	57	56	98%
Agrium U.S. A Subsidiary of Nutrien Ltd - Loveland	1	1	100%
AgroLiquid Fertilizer - St. Johns, MI	20	12	60%
Allen County Farmers Service, Inc. - Scottsville, KY	10	10	100%
Anderson County Farm Service, Inc. - Lawrencebur	3	3	100%
Anuvia Florida LLC - Zellwood, FL	1	1	100%
Ballard County Coop., Inc. - La Center, KY	17	15	88%
Bandana Ag, Inc. - La Center, KY	17	17	100%
Bickett Ag - Central City - Central City, KY	10	8	80%
Bickett Ag - Morganfield - Morganfield, KY	4	4	100%
Bluegrass Seed & Fertilizer, Inc. - Bardstown, KY	10	10	100%
Borates Plus Inc - Apopka, FL	1	1	100%
C.D. Poore Fertilizer - Albany, KY	7	4	57%
Cameron Chemicals Inc - Virginia Beach, VA	6	3	50%
Central Crop Care - Crab Orchard, KY	20	19	95%
Central Farmers Supply, Inc. - Greensburg, KY	10	9	90%
Central Garden & Pet - Franklin, WI	2	2	100%
Central Garden & Pet Garden Division - Atlanta, G	3	2	67%
CGB Fertilizer - Jeffersonville, IN	14	14	100%
CHS Crop Nutrients - St. Paul, MN	11	11	100%
CHS Crop Nutrients - Melbourne - Melbourne, KY	1	1	100%
CHS Crop Nutrients - Owensboro - Owensboro, KY	5	4	80%
Clements Ag Supply - Springfield, KY	14	12	86%
CNI Agriminerals, LLC - Albany, GA	1	1	100%
Compass Minerals USA Inc - Overland Park, KS	2	2	100%
Corbin Farm & Garden Center, Inc. - Corbin, KY	1	1	100%
Darling Ingredients Inc - TX - Irving, TX	26	19	73%
DeltAg - Greenville, MS	1	1	100%
Dr. Earth Inc - Winters, CA	4	3	75%
Drake's Farm Service, Inc. - Morgantown, KY	11	11	100%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Drexel Chemical Company - Memphis, TN	1	1	100%
Easy Gardener - Waco, TX	8	6	75%
Eau Claire CO-OP Oil Company - Eau Claire, WI	3	2	67%
EcoScraps - Marysville, OH	1	1	100%
EnviroKure Inc - Philadelphia, PA	1	1	100%
Espoma Company - Millville, NJ	5	4	80%
Farm Ag Sales, LLC dba C & F Farm Supply - Hisevill	10	10	100%
Farmers Fertilizer - Bowling Green - Bowling Gree	10	9	90%
Farmers Fertilizer - Bowling Green - Bowling Gree	10	9	90%
Farmers Fertilizer - Smiths Grove - Smiths Grove, K	10	7	70%
Ferti Technologies - Saint-Michael, QC	1	1	100%
Fleming County Farm Supply - Flemingsburg, KY	34	31	91%
Foxfarm Soil & Fertilizer Company - Arcata, CA	1	1	100%
Frit Industries - Ozark, AL	1	1	100%
Galaxy Sulfur LLC - Valdosta, GA	1	1	100%
Gaskins Fertilizer - Russell Springs, KY	15	14	93%
GAVILON FERTILIZER INC - E. PEORIA, IL	4	4	100%
Green River Feed Mill, Inc. - Morgantown, KY	10	9	90%
GreenPoint Ag, LLC - Hardinsburg, KY	19	19	100%
Gro Tec Inc - Madison, GA	30	19	63%
Growmark Inc - Bloomington, IL	1	1	100%
Hancock County Farm Supply, Inc. - Hawesville, KY	3	3	100%
Helena Agri-Enterprises - Hazel - Hazel, KY	11	10	91%
Helena Agri-Enterprises - Hickman - Hickman, KY	12	12	100%
Helena Agri-Enterprises, LLC - Collierville - Colliervi	24	24	100%
Henry Farmers Cooperative - Murray - Murray, KY	10	8	80%
Henry Farmers Cooperative - Paris - Paris, TN	18	18	100%
Hilander Feed Company - Georgetown, KY	2	2	100%
Hinton Mills at Cynthiana - Cynthiana, KY	11	11	100%
Hydrite Chemical Company - Brookville, WI	3	3	100%
IMC Outdoor Living a Division of Liberty Tire Recyc	6	1	17%
Innvictis Crop Care LLC - Loveland, CO	4	3	75%
Italpollina USA - Anderson, IN	2	1	50%
J. A. Oldfield & Son, Inc. - Mize, KY	32	30	94%
J. R. Peters - Allentown, PA	1	1	100%
Janes Fertilizer & Farm Supply - Columbia, KY	16	13	81%
JM Fertilizer - Tampa, FL	1	1	100%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Kee's Farm Service & Supply, LLC. - Grayson, KY	12	10	83%
Ken's Value Center - Berry, KY	4	4	100%
Kentucky Fertilizer - Winchester - Winchester, KY	44	33	75%
Knox Fertilizer Company Inc - Knox, IN	3	2	67%
Lake Cumberland Farmers Coop. - Monticello, KY	3	3	100%
Lilly Miller Brands - Atlanta - Atlanta, GA	3	1	33%
Loveland Products, Inc. - Greeley, CO	5	5	100%
Marshall County Coop - Benton, KY	13	12	92%
Martin Operating Partnership LP - Kilgore, TX	2	2	100%
Mays Lick Mill - Mayslick, KY	10	9	90%
Mid States Ag Sales LLC - Lavergne, TN	17	17	100%
Miracle-Gro Lawn Products, Inc. - Marysville, OH	15	13	87%
Monty's Plant Food - Louisville, KY	7	5	71%
Nachurs Alpine Solutions Corporation - Marion, O	1	1	100%
NOT IN USAPLANTS - Lexington, KY	2	1	50%
Nutrien Ag Solutions - Russellville - Russellville, KY	10	10	100%
Nutrien Ag Solutions - Campbellsville - Campbellsv	10	7	70%
Nutrien Ag Solutions - Cecilia - Cecilia, KY	15	11	73%
Nutrien Ag Solutions - Clarkson - Clarkson, KY	10	9	90%
Nutrien Ag Solutions - Clay - Clay, KY	10	10	100%
Nutrien Ag Solutions - Clinton - Clinton, KY	4	4	100%
Nutrien Ag Solutions - Clinton - Clinton, KY	10	10	100%
Nutrien Ag Solutions - Ekron - Ekron, KY	10	10	100%
Nutrien Ag Solutions - Fancy Farm - Fancy Farm, K	11	11	100%
Nutrien Ag Solutions - Greeley - Greeley, CO	202	202	100%
Nutrien Ag Solutions - Hardin - Hardin, KY	10	8	80%
Nutrien Ag Solutions - Henderson - Henderson, KY	10	9	90%
Nutrien Ag Solutions - Hodgenville - Hodgenville, K	1	1	100%
Nutrien Ag Solutions - Horse Cave - Horse Cave, K	11	9	82%
Nutrien Ag Solutions - Kevil - Kevil, KY	1	1	100%
Nutrien Ag Solutions - Lebanon - Lebanon, KY	10	10	100%
Nutrien Ag Solutions - Liquid River Terminal - Owe	13	11	85%
Nutrien Ag Solutions - Morganfield - Morganfield,	10	10	100%
Nutrien Ag Solutions - Pembroke - Pembroke, KY	11	11	100%
Nutrien Ag Solutions - Riverport - Owensboro, KY	10	10	100%
Nutrien Ag Solutions - Sacramento - Sacramento,	10	8	80%
Nutrien Ag Solutions - Sedalia - Sedalia, KY	12	11	92%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Nutrien Ag Solutions - Shelbyville - Shelbyville, KY	11	10	91%
Nutrien Ag Solutions - Union City - Union City, TN	4	1	25%
Nutrien Ag Solutions - Upton - Upton, KY	14	14	100%
Nutrien Ag Solutions - Waverly - Waverly, KY	11	9	82%
Nutrien Ag Solutions Inc - Henderson, KY	9	9	100%
Oregon Ag, LLC. - Lititz, PA	1	0	0%
Organic Laboratories Inc - Fort Pierce, FL	1	1	100%
Otis Bryant & Son, Inc. - Caneyville, KY	10	8	80%
Paducah-McCracken Riverport Authority - Paduca	10	9	90%
Pearl Valley Farms dba Pearl Valley Organix - Pearl	3	1	33%
Pinnacle Ag - Franklin - Franklin, KY	10	9	90%
Pinnacle Ag - Fancy Farm - Fancy Farm, KY	10	10	100%
Pinnacle Ag - Glasgow - Glasgow, KY	10	10	100%
Pinnacle Ag - Hartford - Hartford, KY	10	10	100%
Pinnacle Ag - Russellville - Russellville, KY	10	10	100%
Pinnacle Agriculture - Memphis, TN	18	18	100%
Pinnacle Agriculture Distribution Inc - Loveland, C	31	31	100%
Plantation Products, Inc. - Norton, MA	2	0	0%
Pleasant View Agri-Service - Auburn, KY	6	5	83%
Pro Ag Sales & Service - Danville - Danville, KY	25	23	92%
Pro Solutions - Crofton - Crofton, KY	10	10	100%
Pro Solutions - Springfield - Springfield, TN	19	18	95%
Reliance Ag - Russellville - Russellville, KY	11	11	100%
Reliance Ag - Trenton - Trenton, KY	10	9	90%
Rhodes Farm Supply - Scottsville, KY	1	1	100%
Rip's Farm Center - Tollesboro - Tollesboro, KY	25	23	92%
Rip's Farm Center - Wrigley - West Liberty, KY	8	7	88%
Rogers Fertilizer & Services LLC - Lebanon, KY	15	15	100%
Rootblast International INC - Canton, OH	1	1	100%
Scotts Miracle-Gro Products Inc - Marysville, OH	3	3	100%
Security Seed & Chemical - Clarksville - Clarksville,	3	3	100%
Seventy Feeds LLC - Eubank, KY	6	6	100%
Solu-Cal USA LTD - West Warham, MA	1	0	0%
South Central Farm Supply - Gamaliel, KY	10	10	100%
Southern FS Inc - Hickman - Hickman, KY	11	11	100%
Southern FS, INC - Marion, IL	21	21	100%
Southern States - Bowling Green - Bowling Green,	10	10	100%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Southern States - Cadiz - Cadiz, KY	10	10	100%
Southern States - Calhoun - Calhoun, KY	9	8	89%
Southern States - Campbellsville - Campbellsville,	8	6	75%
Southern States - Carlisle - Carlisle, KY	6	6	100%
Southern States - Cynthiana - Cynthiana, KY	10	9	90%
Southern States - Elizabethtown - Elizabethtown,	11	10	91%
Southern States - Elkton - Elkton, KY	10	10	100%
Southern States - Eminence - Eminence, KY	11	11	100%
Southern States - Flemingsburg - Flemingsburg, KY	10	9	90%
Southern States - Franklin - Franklin, KY	10	10	100%
Southern States - Georgetown - Georgetown, KY	11	11	100%
Southern States - Glasgow - Glasgow, KY	10	10	100%
Southern States - Hardinsburg - Hardinsburg, KY	11	11	100%
Southern States - Harrodsburg - Harrodsburg, KY	10	10	100%
Southern States - Henderson - Henderson, KY	10	9	90%
Southern States - Hodgenville - Hodgenville, KY	10	9	90%
Southern States - Hopkinsville - Hopkinsville, KY	11	10	91%
Southern States - Horse Cave - Horse Cave, KY	10	9	90%
Southern States - Liberty - Liberty, KY	10	9	90%
Southern States - London - London, KY	8	8	100%
Southern States - Maysville - Maysville, KY	11	11	100%
Southern States - Morganfield - Morganfield, KY	11	11	100%
Southern States - Owensboro - Owensboro, KY	11	9	82%
Southern States - Owenton - Owenton, KY	10	9	90%
Southern States - Owingsville - Owingsville, KY	11	11	100%
Southern States - Richmond - Richmond, KY	10	10	100%
Southern States - Richmond VA - Richmond, VA	382	372	97%
Southern States - Russellville - Russellville, KY	5	5	100%
Southern States - Russellville Fertilizer Plant - Russ	5	5	100%
Southern States - Shelbyville - Shelbyville, KY	13	11	85%
Southern States - Somerset - Somerset, KY	10	10	100%
Southern States - Springfield - Springfield, KY	10	5	50%
Southern States - Stanford - Stanford, KY	10	9	90%
Southern States - Warsaw - Owenton, KY	11	11	100%
Southern States - Winchester - Winchester, KY	9	7	78%
Southern States Winchester Fertilizer Plant - Winc	52	47	90%
Stanley Crop Service - Owensboro, KY	28	28	100%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
SUL4R Plus, LLC - Louisville, KY	5	4	80%
Sun Bulb Company, INC. - Arcadia, FL	2	2	100%
Swiss Farms Products - Las Vegas, NV	5	4	80%
Tennessee Farmers Coop - Lavergne - LaVergne, T	13	13	100%
The Scotts Company - Marysville, OH	11	11	100%
Thomas Cayce Farm Supply, LLC - Princeton, KY	31	29	94%
Tiger-Sul Products LLC - Atmore, AL	2	2	100%
Tri-County Fertilizer Co., Inc. - Richmond, KY	19	19	100%
Turf Care Supply Corporation - Brunswick, OH	2	1	50%
Valley Fertilizer Company - Edmonton, KY	10	10	100%
Voluntary Purchasing Group - Bonham, TX	2	2	100%
Warner Fertilizer - Albany - Albany, KY	10	8	80%
Warner Fertilizer - Campbellsville - Campbellsville,	10	6	60%
Warner Fertilizer - Columbia - Columbia, KY	10	10	100%
Warner Fertilizer - Liberty - Liberty, KY	8	8	100%
Warner Fertilizer - Monticello - Monticello, KY	7	6	86%
Warner Fertilizer - Nancy - Nancy, KY	10	10	100%
Warner Fertilizer - Russell Springs - Russell Springs	1	1	100%
Warner Fertilizer - Somerset - Somerset, KY	101	92	91%
Warner Fertilizer - Stanford - Stanford, KY	7	7	100%
Warner Fertilizer - Tompkinsville - Tompkinsville,	10	10	100%
Waterway Ag Inc - Metropolis, IL	3	3	100%
Winfield Solutions, LLC - Saint Paul, MN	6	6	100%
Woodford Feed Company, Inc. - Versailles, KY	19	19	100%
	1	1	100%
TOTAL SAMPLES:	2691	2491	93%

Regulatory Bulletin 339

Table 2 Detailed Inspection Report Results Primary Nutrients

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							
2-00-00	'AMP EZ20 Essential Zinc	56225	2.44			122	*
2-00-00	'EZ20	57000	2.73			136.5	*
Advanced Turf Solutions - Fishers Fishers ,IN							
26-00-6	'Advance Turf Solution 26-0-6	55334	25.1		5.06	94.96	
Ag Distributors Inc Nashville ,TN							
19-19-19	'19-19-19	55566	19.33	19.87	19.30	102.65	
10-10-10	'10-10-10	55567	11.34	11.49	10.33	111.29	
19-19-19	'All Purpose 19-19-19	55586	19.15	19.39	19.28	101.41	
6-24-24	'Professional Choice 6-24-24	55587	9.84	24.60	23.88	109.81	
10-10-10	'All Purpose 10-10-10	55588	11.89	12.65	11.05	119.41	
10-10-10	'All Purpose 10-10-10	55684	10.50	10.86	10.13	105.31	
00-00-60	'MOP	56206			59.87	99.78	
18-46-00	'DAP	56207	17.94	47.38		102	
00-00-60	'MOP	56593			59.13	98.55	
18-46-00	'DAP	56594	17.51	45.68		98.7	
10-10-10	'10-10-10	57599	11.90	13.82	11.95	125.91	
15-15-15	'15-15-15	57600	15.17	15.57	14.51	100.94	
12-24-22	'12-24-24	57601	12.87	25.81	21.99	105.17	
12-22-22	'12-22-22	57602	12.23	25.01	22.06	106.45	
Agri-Chem - Herndon Herndon ,KY							
6-29-27		55360	6.05	28.51	28.75	102.23	
6-29-27		55361	6.09	30.3	27.32	103.54	
6-29-27		55362	5.84	28.75	28.79	102.27	
3-14-43		55363	3.08	15.33	43.06	102.96	*
5-22-34		55410	4.74	22.22	34.67	100.47	
5-22-34		55411	4.83	22.88	33.76	100.59	
4-17-40		55412	3.77	17.6	39.32	99.74	
4-17-40		55413	3.70	17.27	40.32	100.41	
4-17-40		55414	3.93	17.79	39.42	100.61	
Agri-Chem - Hopkinsville Hopkinsville ,KY							
10-27-25		55556	10.69	27.38	25.05	101.46	
11-29-22		56120	11.22	29.18	22.56	100.39	
11-28-24		56121	11.13	28.58	24.19	102.44	
30-12-11		57309	29.34	13.71	11.26	101.32	
30-12-11		57310	30.32	12.41	11.51	101.24	
19-19-19		57311	19.03	20.45	20.56	102.93	
19-19-19		57312	18.99	19.82	21.09	102.4	

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
29-13-13		57313	30.83	9.3	13.6	99.57	
19-6-25		57323	18.24	6.55	28.01	105.87	
19-6-25		57324	18.25	6.5	28.16	106.17	
14-25-20		57325	14.21	24.96	21.91	104.67	
14-25-20		57326	14.30	26.54	20.15	103.01	
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Agri-Chem - Princeton Princeton ,KY							
19-19-19		56560	18.26	21.03	20.11	102.28	
<hr/>							
AgriGro Farm Center, Inc. Hartford ,KY							
00-00-60 'MP		57620			60.73	101.22	
18-46-00 'DAP		57621	17.85	47.63		102.23	
46-00-00 'Urea		57622	45.96			99.91	
18-46-00 'DAP		57623	17.68	45.24		98.31	
00-00-60 'MP		57624			61.57	102.62	
9-23-30		57712	10.01	23.6	30.43	103.69	
9-23-30		57713	9.53	24.25	29.71	102.95	
30-10-13		57714	29.27	11.04	13.64	102.35	
30-10-13		57715	28.99	11.11	13.24	101.32	
9-23-30		57773	9.39	24.29	30.74	104.12	
9-23-30		57774	9.38	24.63	29.97	103.69	
9-23-30		57775	9.68	24.98	29.96	104.92	
9-23-30		57776	9.57	23.76	30.25	102.86	
9-23-30		57777	9.41	23.7	30.89	103.29	
9-23-30		57778	9.30	23.46	31.07	102.87	
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Agriport Terminal Eddyville ,KY							
11-52-00 'MAP		55148	10.99	51.11		98.62	
18-46-00 'DAP		55149	18.08	46.09		100.27	
00-00-60 'MP		55150			60.60	101	
00-00-60 'MP		55151			59.95	99.92	
18-46-00 'DAP		55160	17.65	45.25		98.27	
00-00-60 'MOP		55161			59.79	99.65	
11-52-00 'MAP		55162	10.78	51.73		99.18	
11-52-00 'MAP		55163	10.23	51.28		97.48	
18-46-00 'DAP		55164	17.59	45.28		98.21	
00-00-60 'MOP		55165			59.86	99.77	
11-52-00 'MAP		55192	10.99	50.89		98.28	
11-52-00 'MAP		55193	10.74	52.08		99.65	
18-46-00 'DAP		55194	17.90	46.29		100.25	

Highlighted values 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	55195			60.32	100.53	
11-52-00	'MAP	55196	10.54	51.27		98.04	
11-52-00	'MAP	55197	10.81	51.04		98.18	
5-22-34		55207	4.62	21.67	34.60	100.18	*
5-22-34		55208	4.48	22.13	34.51	100.59	*
10-25-28		55293	10.08	25.49	28.83	103.6	
10-25-28		55294	9.84	25.79	28.09	102.62	
5-22-34		55295	4.38	22.98	34.75	101.2	
9-23-30		55296	8.98	24.59	29.70	102.35	
5-25-32		55304	5.23	25.40	32.44	102.64	
6-26-29		55353	5.62	27.5	29.69	102.21	
6-28-28		55354	5.88	28.04	29.29	102.45	
5-26-30		55355	5.74	27.95	30.25	104.42	
18-46-00	'DAP	55356	17.65	47.92		102.22	
11-52-00	'MAP	55357	10.85	52.45		100.42	
11-52-00	'MAP	55358	11.06	51.81		99.82	
00-00-60	'MP	55359			60.12	100.2	
00-00-60	'MP	55444			60.09	100.15	
18-46-00	'DAP	55445	17.57	45.27		98.16	
11-52-00	'MAP	55446	10.69	51.1		98.05	
18-46-00	'DAP	55572	17.50	44.78		97.31	
00-00-50	'SOP	55573			50.47	100.94	
18-46-00	'DAP	55574	18.23	46.20		100.69	
00-00-60	'MOP	55575			60.37	100.62	
18-46-00	'DAP	55576	17.73	45.61		98.96	
46-00-00	'Urea	55640	46.19			100.41	
18-46-00	'DAP	55641	18.11	46.70		101.25	
00-00-60	'MOP	55642			59.49	99.15	
46-00-00	'Urea	55654	46.15			100.33	
18-46-00	'DAP	55655	17.26	45.56		98.1	
00-00-60	'MOP	55656			60.79	101.32	
46-00-00	'Urea	55766	46.19			100.41	
18-46-00	'DAP	55767	17.86	45.74		99.37	
00-00-60	'MOP	55768			60.28	100.47	
00-00-60	'MOP	55769			59.95	99.92	
28-00-00	'28% UAN	56523	27.81			99.32	
18-46-00	'DAP	56556	18.07	45.19		98.89	

Highlighted values 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	56557	46.20			100.43	
00-00-60	'MP	56558			59.94	99.9	
18-46-00	'DAP	56559	17.67	46.35		99.98	
46-00-00	'Urea	56666	46.02			100.04	
18-46-00	'DAP	56667	18.00	46.15		100.23	
00-00-60	'MP	56668			59.62	99.37	
00-00-60	'MP	56669			60.58	100.97	
Agrium U.S. A Subsidiary of Nutrien Ltd Loveland ,CO							
6-12-18	'Rainbow 6-12-18	55861	6.93	12.82	21.76	116.65	*
AgroLiquid Fertilizer St. Johns ,MI							
9-24-3	'Pro-Germinator	56259	8.61	24.99	3.25	102.07	*
2-00-10	'Kalibrate	56260	2.83		10.75	115.34	*
9-24-3	'Pro-Germinator	56261	8.75	24.53	3.26	101.24	*
9-24-3	'Pro-Germinator 9-24-3	56749	7.80	23.88	3.07	96.16	*
7-00-00	'Enhance	56847	8.40			120	*
9-24-3	'Pro Germinator	57003	8.26	22.74	2.98	94.22	
2-00-10	'Kalibrate	57004	3.48		9.83	115.76	*
7-00-00	'Access	57005	10.54			150.57	*
2-1-6	'Sure-K	57236	2.91	1.18	7.77	132.61	
12-3-3	'Fert Rain	57237	11.84	3.06	3.02	99.45	*
9-24-3	'Pro-Germinator	57458	9.07	25.92	3.12	105.78	*
12-3-3	'Ferti-Rain	57459	11.35	3.08	2.815	95.83	*
2-00-10	'Kalibrate	57461	2.69		10.07	108.49	*
7-00-00	'Access	57462	10.96			156.57	*
Allen County Farmers Service, Inc. Scottsville ,KY							
19-15-23		55961	18.72	15.24	22.34	98.26	
19-19-19		55962	18.66	19.29	18.71	100.96	
19-19-19		55963	19.41	19.3	19.45	100.09	
19-19-19		55964	19.42	19.38	18.91	99.52	
24-10-18		55965	23.69	11.45	17.36	100.48	*
24-10-19		55966	23.51	9.86	18.8	99.28	*
19-19-19		55967	18.60	20.6	19.47	100.85	
19-19-19		55968	18.87	20.74	19.12	101.18	
22-7-26		55969	21.07	7.76	25.71	99.15	
39-4-5		55970	38.24	3.54	4.54	98.63	*
Anderson County Farm Service, Inc. Lawrenceburg ,KY							
18-46-00	'DAP	57217	17.86	46.06		99.86	

Highlighted values 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	57218	46.17			100.37	
00-00-60	'MOP	57219			61.33	102.22	
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Anuvia Florida LLC Zellwood ,FL							
16-1-00	'SymTRX	55348	17.65	1.33		111.44	*
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Ballard County Coop., Inc. La Center ,KY							
00-00-60	'MP	56474			59.52	99.2	
34-00-00	'AN	56475	34.24			100.71	
20-00-00	'AS	56476	20.57			100.34	*
00-00-60	'MP	56477			59.54	99.23	
18-46-00	'DAP	56478	18.09	46.79		101.35	
10-26-26		56479	10.46	27.71	26.51	104.14	
12-21-21		56480	12.17	21.59	21.77	102.96	*
12-21-21		56481	12.19	21.75	22.87	104.96	*
13-19-25		56482	13.02	19.45	25.75	101.27	
34-00-00	'AN	56730	34.39			102.66	
13-18-27		56731	12.73	16.98	25.91	97.46	
14-18-24		57141	15.88	20.32	20.10	102.41	
14-18-24		57142	16.63	18.24	19.80	99.32	
11-18-24		57143	11.02	17.35	25.15	98.94	*
12-21-21		57144	11.27	20.07	22.89	99.33	*
14-18-24		57145	13.96	18.05	25.19	100.93	
14-18-24		57146	14.11	17.98	25.47	101.51	
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Bandana Ag, Inc. La Center ,KY							
00-00-60	'MP	55175			60.92	101.53	
18-46-00	'DAP	55176	17.20	45.56		97.93	
00-00-60	'MOP	55618			60.76	101.27	
18-46-00	'DAP	55619	17.77	45.14		98.31	
18-46-00	'DAP	55620	18.05	45.58		99.44	
34-00-00	'AN	55621	34.42			101.24	
12-40-00	'MES 10	55622	11.94	40.58		100.97	*
14-15-27		56464	13.79	16.7	26.65	103.23	
14-15-27		56465	13.47	16.21	27.23	102.39	
14-15-27		56466	13.91	16.32	25.92	101.66	
14-15-27		56467	13.75	16.03	26.45	101.5	
14-15-27		56468	13.84	15.88	26.13	100.93	
14-15-27		56469	14.02	16.68	26.34	103.24	
8-20-34		56470	7.75	20.83	33.55	101.09	

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
8-20-34		56471	7.85	20.57	33.71	101.03	
8-20-34		56472	7.62	19.53	34.03	99.05	
13-19-25		56473	12.93	19.04	24.85	99.03	
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Bickett Ag - Central City Central City ,KY							
9-23-30		56693	10.16	26.06	26.26	102.9	
9-23-30		56694	8.97	21.59	31.91	99.92	
9-23-30		56695	9.97	26.67	25.74	102.94	
9-23-30		56696	9.51	23.76	29.4	101.6	
9-23-30		56697	8.92	22.76	30.93	100.64	
9-23-30		56698	9.42	23.85	29.35	101.52	
9-23-30		56699	9.76	25.66	29.04	105.09	
9-23-30		56700	8.64	22.03	33.19	101.77	
9-23-30		56701	9.10	24.04	31.78	104.47	
9-23-30		56702	9.20	22.93	31.19	101.86	
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Bickett Ag - Morganfield Morganfield ,KY							
00-00-60 'MP		56848			62.94	104.9	
00-00-60 'MP		56849			60.91	101.52	
18-46-00 'DAP		56850	17.78	46.42		100.27	
18-46-00 'DAP		56851	17.59	45.96		99.25	
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Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY							
21-15-20		56779	21.47	14.32	19.44	97.63	
29-00-22		56780	28.91		23.18	101.4	
20-20-19		56781	20.01	18.99	18.51	99.21	
29-11-14		56782	29.29	11.06	14.23	102.14	
28-12-15		56783	27.74	12.46	15.14	102.52	
31-00-00		56784	30.94			100.88	
21-15-20		56785	21.57	14.87	21.14	101.2	
28-12-15		56786	28.25	12.08	15	102.66	
26-13-16		56787	26.31	12.79	15.83	100.74	
28-12-15		56788	28.11	12.4	15.12	103.15	
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C.D. Poore Fertilizer Albany ,KY							
00-00-60 'MOP		55816			60.53	100.88	
46-00-00 'Urea		55817	46.10			100.22	
18-46-00 'DAP		55818	17.92	46.08		99.99	
19-19-19		57201	17.45	17.42	23.08	97.6	
10-10-10 '10-10-10		57202	9.13	9.735	9.77	95.11	
19-19-19 '19-19-19		57203	18.19	19.42	21.4	102.4	

Highlighted values 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
20-18-20		57205	16.04	15.48	27.52	98.43	
Central Crop Care Crab Orchard ,KY							
00-00-60	'MOP	55342			59.76	99.6	
46-00-00	'Urea	55780	45.82			99.61	
00-00-60	'MOP	55781			59.54	99.23	
18-46-00	'DAP	55782	17.71	45.45		98.68	
00-00-22	'K-Mag	55783			21.54	100.19	*
28-13-13		56595	28.08	12.22	14.41	101.76	
22-12-22		56596	21.31	10.57	24.12	99.56	
19-19-19		56597	17.84	17.5	22.08	99.07	
16-12-30		56598	16.46	11.01	30.83	101.22	
19-19-19		56599	18.96	19.39	20.26	102.39	
20-12-17		56600	19.38	12.33	19.38	103.63	*
19-19-19		56652	18.90	18.52	20.1	100.43	
23-00-30		56653	22.51		30.62	99.82	
20-11-25		56654	20.44	11.12	26.24	102.65	
28-13-13		56655	27.83	13.21	14.13	102.73	
21-00-00	'AS	57732	21.35			101.67	*
00-00-50	'SOP	57733			50.67	101.34	
18-46-00	'DAP	57734	17.92	45.02		98.38	
46-00-00	'Urea	57735	46.02			100.04	
00-00-22	'Kmag	57736			22.2	100.91	*
Central Farmers Supply, Inc. Greensburg ,KY							
19-19-19		56141	19.22	19.94	20.04	101.66	
19-19-19		56142	19.08	20.78	20	102.85	
19-19-19		56143	20.67	19.53	18.96	102.4	
19-19-19		56144	19.39	18.76	20.41	100.34	
19-19-19		56145	19.72	21.47	18.29	103.11	
19-19-19		56146	18.48	21.08	20.32	102.65	
25-14-15		56147	23.82	15.3	15.2	101	
19-19-19		56148	20.80	19.16	18.87	101.83	
19-19-19		56149	19.24	19.37	20.26	100.98	
19-19-19		56150	20.51	19.1	18.19	100.24	
Central Garden & Pet Franklin ,WI							
10-8-6	'Pennington Ultra Green	56258	10.34	8.3	6.56	104.64	*
10-10-10	'Pennington Ultra Green All Purpose Plant Food	57608	10.71	11.55	11.88	113.1	*
Central Garden & Pet Garden Division Atlanta ,GA							

Highlighted values 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
10-8-6	'Pennington Ultra Green Azalea Camelia & Rhododendron	56434	10.30	7.68	5.61	98.82	*
1-00-1	'Ironite	57329	0.93		1.02	96.6	*
10-8-6	'Azalea Camellia & Rhododendron	57554	9.98	8.74	6.82	105.64	*
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CGB Fertilizer Jeffersonville ,IN							
18-46-00	'DAP	55731	18.02	46.06		100.12	
46-00-00	'Urea	55732	46.15			100.33	
46-00-00	'Urea	55733	46.12			100.26	
00-00-60	'MOP	55734			59.60	99.33	
00-00-60	'MOP	55735			60.03	100.05	
46-00-00	'Urea	55736	46.11			100.24	
46-00-00	'Urea	55737	46.15			100.33	
46-00-00	'Urea	55738	46.14			100.3	
46-00-00	'Urea	56208	46.07			100.15	
46-00-00	'Urea	57067	46.20			100.43	
46-00-00	'Urea	57148	46.20			100.43	
18-46-00	'DAP	57204	17.88	47.03		101.37	
18-46-00	'DAP	57439	17.68	45.24		98.31	
46-00-00	'Urea	57798	46.14			100.3	
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CHS Crop Nutrients St. Paul ,MN							
00-00-60	'MOP	56089			60.38	100.63	
46-00-00	'Urea	56090	46.20			100.43	
46-00-00	'Urea	56091	46.02			100.04	
21-00-00	'AS	56092	20.58			98	*
18-46-00	'DAP	56093	17.98	45.59		99.34	
00-00-60	'MOP	56683			60.82	101.37	
18-46-00	'DAP	56684	17.86	45.78		99.43	
46-00-00	'Urea	56685	46.13			100.28	
46-00-00	'Urea	57513	46.14			100.3	
21-00-00	'AS	57514	21.11			100.52	*
18-46-00	'DAP	57515	18.32	47.17		102.31	
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CHS Crop Nutrients - Melbourne Melbourne ,KY							
46-00-00	'Urea	57135	45.77			99.5	
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CHS Crop Nutrients - Owensboro Owensboro ,KY							
12-00-00	'ATS	56864	11.53			96.08	*
32-00-00	'32-0-0	57819	32.04			100.12	
32-00-00	'32-0-0	57820	32.16			100.5	
32-00-00	'32-0-0	57821	31.99			99.97	

Highlighted values 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	'32-0-0	57822	32.07			100.22	
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Clements Ag Supply Springfield ,KY							
00-00-60	'MOP	55958			59.21	98.68	
46-00-00	'Urea	55959	46.19			100.41	
00-00-60	'MOP	55960			59.65	99.42	
6-16-39		57578	7.66	19.58	33.97	102.54	
5-12-23		57579	4.53	11.34	22.76	96.23	
5-12-23		57580	4.83	11.6	22.53	97.45	
5-12-23		57581	4.70	11.91	23.64	100.31	
27-00-20		57582	27.37		19.41	100.04	*
27-00-20		57583	27.06		21.56	102.83	*
27-00-20		57584	26.98		21.42	102.4	*
19-19-19		57585	19.43	20.82	18.91	102.2	
6-16-39		57586	6.46	16.26	39.29	101.1	
00-00-50	'SOP	57587			50.68	101.36	
46-00-00	'Urea	57588	46.17			100.37	
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Compass Minerals USA Inc Overland Park ,KS							
4-25-00	'Wolf Trax Nu-Trax P	56716	5.54	26.68		111.47	*
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Corbin Farm & Garden Center, Inc. Corbin ,KY							
19-19-19	'19-19-19	57607	19.48	20.03	19.18	103.14	
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Darling Ingredients Inc - TX Irving ,TX							
27-00-2	'27-0-2 Nature Safe	55473	27.33		5.22	108.48	*
21-3-7	'21-3-7 Nature Safe	55474	21.19	4.03	7.52	104.95	*
18-00-4	'18-0-4 Nature Safe	55475	19.06		4.61	107.06	*
16-00-2	'16-0-2 Nature Safe	55476	18.96		2.68	119.65	*
12-00-6	'12-0-6 Nature Safe	55477	12.54		7.17	108.15	*
13-00-00	'13-0-0 Nature Safe	55478	13.12			100.92	
12-2-6	'12-2-6 Nature Safe	55479	12.13	3.25	7.87	113.56	*
10-2-8	'10-2-8 Nature Safe	55480	9.29	1.53	10.58	103.29	*
10-00-8	'10-0-8 Nature Safe	55481	9.62		11.71	113.23	*
7-12-00	'7-12-0 Nature Safe	55482	7.04	11.77		99.11	*
9-00-9	'9-0-9 Nature Safe	55483	9.70		9.96	108.91	*
8-5-5	'8-5-5 Nature Safe	55484	9.25	4.70	6.01	110.7	*
8-3-5	'8-3-5 Nature Safe	55485	8.76	2.81	5.74	107.84	*
5-6-6	'5-6-6 Nature Safe	55486	5.98	7.09	8.25	124.05	*
27-00-2	'27-0-2 Nature Safe	57050	30.42		2.67	113.65	*
21-3-7	'21-3-7 Nature Safe	57051	21.77	2.295	8.53	104.06	*

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
12-00-6	'12-0-6 Nature Safe	57052	11.90		6.82	102.79	*
13-00-00	'13-0-0 Nature Safe	57053	12.71			97.77	
12-2-6	'12-2-6 Nature Safe	57054	12.20	3.24	7.21	111.99	*
10-2-8	'10-2-8 Nature Safe	57055	11.18	3	4.43	98.3	*
7-12-00	'7-12-0 Nature Safe	57056	9.02	9.735		99.78	*
9-6-1	'9-6-1 Nature Safe	57057	9.49	7.99	0.115	111.34	*
9-00-9	'9-0-9 Nature Safe	57058	9.28		10.67	109.29	*
8-5-5	'8-5-5 Nature Safe	57059	8.83	6.07	6.14	116.14	*
8-3-5	'8-3-5 Nature Safe	57060	8.45	2.91	6.2	108.31	*
5-6-6	'5-6-6 Nature Safe	57061	5.27	7.76	7.55	120.1	*
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DeltAg Greenville ,MS							
3-17-00	'DeltAg PercPlus	56985	2.78	17.29		100.24	*
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Dr. Earth Inc Winters ,CA							
4-6-3	'Dr. Earth Home Grown	55177	5.07	9.35	3.70	139.48	*
2-4-2	'Dr. Earth Root Zone	55178	3.11	6.81	2.26	154.71	
2-2-2	'Dr. Earth Pure Gold All Purpose	56429	3.10	1.94	2.08	121.31	
3-2-2	'Dr. Earth Organic Pump and Grow Tomato Vegetable and	57729	2.82	3.06	2.63	119.59	
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Drake's Farm Service, Inc. Morgantown ,KY							
6-16-24		55561	6.47	15.52	23.27	98.95	
8-21-32		56451	8.67	21.67	33.14	102.53	
31-18-00		56455	31.32	18.5		100.91	*
25-15-15		56456	25.89	15.98	14.73	102.47	
19-19-19		56457	19.75	19.59	19.32	101.12	
19-19-19		56458	19.76	19.7	18.93	100.82	
31-18-00		56459	31.29	18.03		99.95	*
27-14-14		56460	27.61	13.5	13.54	100.37	
24-16-16		56461	24.47	15.59	15.67	99.75	
19-19-19		56462	19.86	21.05	18.55	102.97	
31-18-00		56463	31.32	19.21		102.27	*
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Drexel Chemical Company Memphis ,TN							
25-00-00	'Drexel X 25-0-0 Plus 0.5% Boron	56984	25.40			101.6	*
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Easy Gardener Waco ,TX							
4-4-4	'Jobs All Purpose Spikes	55179	4.94	11.11	8.39	197.89	
2-7-4	'Jobs Organics Fertilizer Spikes for Vegetables	55739	2.91	18.91	7.00	224.58	
2-5-3	'Jobs Organics Vegetable & Tomato	55906	5.75	5.06	7.96	183.14	*
2-5-3	'Jobs Organic Vegetable & Tomato	57555	3.14	5.65	3.13	121.26	*
2-7-4	'Jobs Organics Fertilizer Spikes	57568	2.53	18.23	6.29	211.25	

Highlighted values 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
3-3-3	'Jobs Bursting Blooms	57569	3.90	2.54	5.42	127.1	
3-5-6	'Expert Gardener Vegetable and Tomato Food	57571	4.24	2.335	8.96	106.85	*
2-5-3	'Jobs Organics Vegetable and Tomato Granular Plant Food	57609	3.29	6.78	3.34	136.68	*
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Eau Claire CO-OP Oil Company Eau Claire ,WI							
22-00-10	'Menards Fall Lawn Food Winterizer	55245	22.01		10.65	101.5	*
30-00-3	'Menards Lawn Food	55246	30.13		3.37	101.15	*
30-00-3	'Menards Premium Lawn Food	55848	29.26		3.93	99.63	*
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EcoScraps Marysville ,OH							
5-4-6	'EcoScraps Tomato Herb and Vegetable	56373	4.85	6.69	5.66	116.4	*
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EnviroKure Inc Philadelphia ,PA							
3-2-2	'EK-L Plant Builder Plus 3-2-3 with 1% S	55131	2.71	2.06	3.38	110.85	*
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Espoma Company Millville ,NJ							
3-4-6	'Espoma Organic Tomato-Tone	55830	3.72	5.95	6.90	129.09	*
4-3-3	'Espoma Organic Bio-Tone Starter Plus	55831	4.51	4.44	3.74	126.51	*
2-2-2	'Espoma Organic GROW!	55889	2.28	1.79	1.93	100.81	
4-3-4	'4-3-4 Espoma Berry-tone Organic Fruit & Berry	55903	4.51	4.62	4.55	125.02	*
3-4-6	Tomato-tone	55928	4.00	6.11	6.18	128.57	
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Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY							
6-6-6		56001	5.90	6.93	6.77	107.79	
19-8-17		56002	18.38	7.47	18.68	100.84	
19-19-19		56003	19.81	20.54	19.06	102.62	
15-9-33		56004	14.94	9.34	34.70	102.58	
19-19-19		56005	18.34	19.99	19.54	102.92	
26-13-13		56006	25.87	13.31	19.27	109.03	
19-8-17		56007	18.35	7.39	17.67	98.76	
25-15-15		56008	25.58	15.62	15.57	102.16	
25-15-15		56009	23.94	16.11	17.03	101.71	
19-19-19		56412	20.05	19.42	19.03	101.01	
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Farmers Fertilizer - Bowling Green Bowling Green ,KY							
16-00-36		56320	17.06		35.61	101.62	
20-20-19		56323	19.20	21.3	20.22	104.02	
32-11-10		56443	31.79	9.85	11.97	101.15	
32-11-10		56444	31.69	10.12	10.88	99.94	
32-11-10		56445	31.47	10.35	11.61	100.93	
32-11-10		56446	31.32	10.33	11.86	100.93	
25-18-13		56687	24.75	17.7	14.34	100.42	
20-20-19		57096	19.82	19.84	18.59	100.56	

Highlighted values 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
20-20-19		57097	18.82	19.29	19.47	98.73	
32-11-10		57098	31.14	10.1	11.48	99.6	
20-20-19		57164	17.81	19.72	21.39	100.05	
7-18-37		57165	6.45	17.03	38.45	99.65	
7-18-37		57166	6.78	17.53	39.44	102.68	
31-00-20		57167	29.50		22.06	100.47	
7-18-37		57169	6.95	16.94	38.64	100.79	
26-12-17		57314	25.53	12.54	18.4	102.32	
19-19-19		57315	18.03	20.06	20.72	100.27	
24-10-20		57316	23.79	10.21	22.47	102.05	
9-23-30		57317	9.01	22.58	32.6	102.73	
9-10-9		57318	8.24	10.93	9.66	100.27	
Farmers Fertilizer - Smiths Grove Smiths Grove ,KY							
32-11-10		56439	29.11	10.25	14.80	100.26	
20-20-19		56440	19.67	18.95	20.04	100.57	
20-20-19		56441	19.39	18.99	20.38	100.54	
32-11-10		56442	30.92	11.18	11.33	100.97	
24-15-13		56587	24.11	13.94	13.85	98.97	*
21-14-18		56588	21.17	12.91	18.79	99.05	*
19-14-18		56589	20.34	12.68	18.11	100.34	*
20-20-19		56590	19.75	18.68	20.42	100.74	
20-20-19		56591	19.92	18.36	19.88	99.78	
20-20-19		56592	19.53	18.41	21.02	100.61	
Ferti Technologies Saint-Michael ,QC							
24-00-11	'Nutri Professional Fertilizer with Mallet 0.2 Insecticide	57476	23.88		10.47	98.49	
Fleming County Farm Supply Flemingsburg ,KY							
00-00-51	'SP	56034			51.82	101.61	
00-00-61	'MP	56035			60.08	98.49	
46-00-00	'Urea	56036	46.20			100.43	
18-46-00	'DAP	56037	17.82	45.55		99.02	
46-00-00	'Urea	56038	46.20			100.43	
00-00-51	'SP	56039			52.06	102.08	
00-00-61	'MP	56040			61.40	100.66	
11-52-00	'MAP	56041	11.50	50.88		99.11	
18-46-00	'DAP	56042	17.85	45.77		99.4	
46-00-00	'Urea	56043	46.13			100.28	
46-00-00	'Urea	56227	46.19			100.41	

Highlighted values 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
00-00-61	'MP	56228			59.86	98.13	
00-00-51	'SP	56229			49.69	97.43	
18-46-00	'DAP	56230	17.54	45.19		98	
46-00-00	'Urea	57252	46.06			100.13	
00-00-61	'MP 61	57253			59.01	96.74	
18-46-00	'DAP	57254	18.10	46.54		100.99	
21-00-00	'AS	57260	21.28			101.33	*
11-52-00	'MAP	57263	12.04	51.04		100.28	
46-00-00	'Urea	57264	46.20			100.43	
11-52-00	'MAP	57265	10.81	52.02		99.71	
00-00-61	'MP 61	57266			59.65	97.79	
19-19-19		57267	19.87	19	19.57	100.08	
19-19-19		57268	19.51	18.61	20.5	99.89	
19-19-19		57367	19.52	20.64	19.78	102.63	
19-19-19		57368	19.05	20.3	20.73	102.36	
6-6-6		57369	6.09	5.73	6.67	102.68	
4-4-4		57370	4.30	4.33	3.66	104.14	
12-24-24		57371	11.84	24.45	23.7	100.65	
19-19-19		57372	19.35	20.5	19.66	101.88	
3-13-15		57373	2.90	12.73	13.60	95.17	
3-13-15		57374	3.06	13.48	17.25	108.41	
3-13-15		57375	2.67	11.95	14.14	92.82	
19-19-19	'Hinton Mills	57649	18.20	19.51	20.71	101.64	
Foxfarm Soil & Fertilizer Company Arcata ,CA							
6-4-4	'Grow Big Liquid Plant Food	56379	6.53	3.85	3.63	101.19	*
Gaskins Fertilizer Russell Springs ,KY							
46-00-00	'Urea	55330	46.02			100.04	
21-00-00	'AS	55988	21.23			101.1	*
00-00-60	'MOP	55989			59.16	98.6	
18-46-00	'DAP	55990	18.06	46.45		100.78	
46-00-00	'Urea	55991	46.06			100.13	
26-22-00		57206	24.94	21.56		97.91	*
21-15-20		57207	21.23	15.66	19.96	100.36	
10-11-29		57208	9.65	11.53	30.8	103.68	*
10-11-29		57209	9.62	10.9	31.21	102.83	*
28-00-24		57210	27.46		24.82	100.93	
14-20-26		57211	12.60	20.61	27.72	100.95	

Highlighted values 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		57212	18.97	20.2	20.15	101.76	
25-12-17		57214	24.72	12.43	19.2	101.74	
23-00-30		57215	22.84		31.74	102.33	
26-22-00		57216	25.21	21.45		98.28	*
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GAVILON FERTILIZER INC E. PEORIA ,IL							
00-00-60	'MOP	56689			59.47	99.12	
00-00-60	'MOP	56690			61.05	101.75	
18-46-00	'DAP	56691	17.88	46.07		99.91	
18-46-00	'DAP	56692	17.98	46.32		100.45	
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Green River Feed Mill, Inc. Morgantown ,KY							
24-16-16		56447	24.38	16.9	15.56	101.84	
25-15-15		56448	25.05	14.52	16.75	100.87	
17-14-27		56449	17.10	14.2	28.36	103.31	
17-14-27		56450	17.42	14.61	26.55	102.23	
19-19-19		56678	18.47	21.1	21.25	103.92	
19-19-19		56679	19.82	16.23	22.09	98.87	
19-19-19		56680	18.55	19.73	21.31	101.65	
21-15-20		56681	20.68	15.32	22.48	102.05	
19-19-19		56682	19.51	18.56	21.1	101.16	
19-19-19		56686	18.93	19.59	21.1	101.88	
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GreenPoint Ag, LLC Hardinsburg ,KY							
00-46-00	'TSP	55314		45.98		99.96	
18-46-00	'DAP	55315	17.92	46.48		100.57	
00-00-60	'MP	55323			61.17	101.95	
46-00-00	'Urea	57625	46.03			100.07	
46-00-00	'Urea	57626	46.10			100.22	
18-46-00	'DAP	57627	17.92	46.99		101.37	
18-46-00	'DAP	57628	17.99	47.21		101.82	
21-00-00	'AS	57629	20.81			99.1	*
00-00-60	'MOP	57630			62.73	104.55	
22-18-18		57631	21.80	17.58	19.65	102.88	
22-18-18		57632	21.90	17.79	19.07	102.69	
24-19-14		57633	23.33	19.92	14.93	102.38	
28-14-11		57634	28.01	15.54	11.52	101.56	
28-14-11		57635	28.60	13.92	10.74	98.69	
19-19-19		57636	19.77	19.69	19.62	101.75	
9-23-30		57637	9.29	23.58	30.73	102.61	

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
9-23-30		57638	9.09	23.25	32.44	103.89	
21-15-20		57771	20.83	16.41	20.48	101.65	
8-19-35		57772	7.50	19.2	35.47	100.71	
Gro Tec Inc Madison ,GA							
24-25-4	'Expert Gardener Lawn Starter	55167	22.61	22.60	4.27	93.21	
16-4-8	'Expert Gardener Evergreen Tree and Shrub	55168	15.44	3.82	7.30	95.26	*
12-6-10	'Expert Gardener Rose Plant Food	55169	10.91	5.61	8.44	89.68	*
10-10-10	'Expert Gardener Flower Food	55170	11.58	11.36	11.64	115.21	
32-00-10	'Sta Green Winterizer	55190	31.87		10.14	99.9	*
12-5-7	'All Purpose Plant Food	55740	11.58	4.98	7.36	99.07	*
28-00-4	'Sta-Green Weed & Feed	55851	29.57		4.24	105.64	
24-8-16	'Expert Gardener All Purpose	55883	24.06	8.42	18.36	104.81	*
19-6-12	'Expert Gardener Indoor & Outdoor Plant Food	55884	20.17	6.24	13.82	108.02	*
12-6-10	'Expert Gardener Rose Plant Food	55886	12.88	6.15	10.95	106.84	*
24-8-16	'StaGreen All Purpose	55908	23.25	8.83	17.51	102.42	*
29-00-5	'Sta-Green Lawn Fertilizer Plus 2% Iron	55910	28.81		5.91	101.29	*
29-00-4	'29-0-4	55929	27.97		3.82	96.37	
24-25-4	'Expert Lawn Starter	56257	23.81	24.18	5.06	99.54	
10-10-10	'10-10-10	56336	9.76	9.17	8.80	93.03	
24-8-16	'Sta Green All Purpose	56375	22.27	8.36	17.48	99.01	*
19-6-12	'Sta Green All Purpose	56430	19.94	6.61	13.3	107.28	*
24-26-4	'Lawn Starter	56838	22.72	24.55	4.20	95.1	
12-5-7	'All-Purpose	56839	12.78	4.99	6.71	102.72	*
12-10-5	'Tomato & Vegetable	56840	11.66	8.9	5.02	94.56	*
10-10-10	'Flower Food	56841	10.21	10.48	9.63	101.55	
12-6-10	'Rose Plant Food	56842	12.18	5.81	9.73	99.28	*
16-4-8	'Evergreen Tree & Shrub	56843	18.54	4.59	9.87	117.31	*
24-8-16	'All Purpose Water Soluble Plant Food	56844	25.60	7.38	14.96	100.81	*
18-24-6	'Lawn Starter Fertilizer	56990	17.57	22.65	8.87	100.58	
24-25-4	'Expert Gardener Lawn Starter Fertilizer	57007	23.54	23.73	4.06	96.81	
29-00-5	'Lawn Fertilizer Plus Iron	57163	29.53		5.9	103.5	*
28-00-4	'Sta-Green Weed & Feed	57330	28.31		4.17	101.38	
18-24-6	'Sta-Green Lawn Starter	57556	19.53	25.66	7.5	109.22	
16-4-8	'Expert Gardener Evergreen Tree and Shrub Plant Food	57572	16.59	4.6	7.69	103.72	*
Growmark Inc Bloomington ,IL							
32-00-00	'UAN 32-0-0	57812	32.20			100.63	
Hancock County Farm Supply, Inc. Hawesville ,KY							

Highlighted values 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	57036	18.04	45.84		99.82	
46-00-00	'Urea	57037	46.20			100.43	
00-00-60	'MP	57038			61.24	102.07	
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Helena Agri-Enterprises - Hazel Hazel ,KY							
6-15-38		55234	5.92	15.58	38.54	100.44	
6-15-38		55235	6.18	15.45	39.04	101.52	
6-15-38		55236	6.25	15.50	38.87	101.53	
6-16-34		55375	6.64	16.63	34.7	101.89	*
6-16-34		55376	6.60	16.63	34.51	101.51	*
6-16-34		55377	6.44	16.95	34.01	101	*
6-16-34		55378	5.52	14.53	36.55	97.87	*
6-16-34		55379	6.17	15.57	35.47	99.84	*
6-16-34		55380	5.94	15.59	35.29	99.06	*
17-19-7		56554	16.56	19.79	8.32	101.58	*
17-19-7		56555	17.42	20.29	7.2	103.02	*
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Helena Agri-Enterprises - Hickman Hickman ,KY							
6-7-19		55516	6.32	6.69	19.05	98.92	*
6-9-19		55517	6.05	8.76	19.59	99.48	*
6-7-19		55518	6.39	9.01	19.51	108.36	*
6-7-19		55519	5.96	6.64	19.67	98.9	*
16-13-21		56367	16.57	12.85	22.19	103.34	*
24-11-14		57172	23.21	10.98	15	100.17	*
24-11-14		57173	23.20	10.78	15.35	100.27	*
11-18-24		57180	11.36	18.02	24.02	99.16	*
11-15-27		57181	10.84	15.63	26.31	100.48	*
11-15-27		57182	10.76	15.29	27.12	100.83	*
11-15-27		57183	10.88	15.34	27.54	101.88	*
11-15-27		57184	10.82	14.4	27.84	100.2	*
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Helena Agri-Enterprises, LLC - Collierville Collierville ,TN							
00-00-60	'MP	55183			59.07	98.45	
18-46-00	'DAP	55184	17.79	45.51		98.9	
00-00-60	'MP	55185			60.30	100.5	
00-00-60	'MP	55237			59.50	99.17	
18-46-00	'DAP	55238	17.93	46.37		100.42	
00-00-60	'MP	55239			60.55	100.92	
00-00-22	'K-Mag	55604			22.59	102.68	*
46-00-00	'Urea	55605	46.12			100.26	

Highlighted values 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	55606	18.21	45.10		98.98	
18-46-00	'DAP	55607	17.93	45.86		99.67	
00-00-60	'MOP	55608			59.94	99.9	
18-46-00	'DAP	56361	17.89	45.15		98.52	
00-00-60	'MP	56362			59.64	99.4	
46-00-00	'Urea	56363	46.10			100.22	
21-00-00	'AS	56364	21.18			100.86	*
18-46-00	'DAP	56365	17.87	47.53		102.11	
00-00-60	'MP	56366			60.59	100.98	
8-24-4	'Nucleus HP	56852	7.83	23.74	3.88	98.5	
18-46-00	'DAP	57174	18.37	45.46		99.8	
00-00-60	'MP	57175			61.22	102.03	
46-00-00	'Urea	57176	46.13			100.28	
21-00-00	'AS	57177	21.19			100.9	*
18-46-00	'DAP	57178	17.89	45.52		99.09	
00-00-60	'MP	57179			59.03	98.38	
Henry Farmers Cooperative - Murray Murray ,KY							
27-14-14		56111	28.29	14.74	12.14	102.07	
4-00-48		56400	4.09		48.54	101.26	*
19-19-19		56401	18.49	18.48	22.13	100.35	
4-00-48		56402	4.53		47.26	100.11	*
11-20-26		56615	10.58	19.53	26.28	100.19	*
11-20-26		56616	10.95	20.47	26.14	102.66	*
10-20-27		56617	10.35	20.9	27.19	101.94	*
21-15-20		56618	21.08	15.97	21.18	102.36	
17-16-21		56619	17.54	15.9	21.21	101.03	*
17-16-21		56620	17.23	16.06	19.72	98.5	*
Henry Farmers Cooperative - Paris Paris ,TN							
00-00-22	'K-Mag	55240			22.51	102.32	*
18-46-00	'DAP	55241	17.94	46.50		100.63	
00-00-60	'MP	55242			59.22	98.7	
18-46-00	'DAP	55243	17.73	45.98		99.49	
00-00-60	'MP	55244			59.10	98.5	
00-00-60	'MOP	55597			60.14	100.23	
46-00-00	'Urea	55598	45.95			99.89	
18-46-00	'DAP	55599	17.25	45.80		98.44	
46-00-00	'Urea	55600	46.03			100.07	

Highlighted values 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	55601			60.36	100.6	
18-46-00	DAP	55602	16.99	45.99		98.3	
00-00-60	MOP	55603			59.26	98.77	
28-00-00	'28-0-0 w/4S	56184	27.56			98.43	*
18-46-00	'DAP	56610	17.46	45.62		98.52	
00-00-60	'MP	56611			61.49	102.48	
46-00-00	'Urea	56612	46.04			100.09	
18-46-00	'DAP	56613	17.54	45.69		98.76	
46-00-00	'Urea	56614	46.05			100.11	
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Hilander Feed Company Georgetown ,KY							
46-00-00	'Urea	56334	46.06			100.13	
00-00-60	'MP	56335			60.59	100.98	
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Hinton Mills at Cynthiana Cynthiana ,KY							
12-13-35		56231	12.53	14.21	34.39	103.15	
12-13-35		56232	12.12	12.9	34.1	99.33	
23-00-30		56935	23.33		30.74	101.13	
28-7-19		56936	27.79	6.88	18.81	100.2	
35-7-9		56937	35.88	6.54	8.16	100.12	
35-7-9		56938	36.09	6.33	8.53	100.68	
40-00-00		57255	39.04			98.21	*
40-00-00		57256	40.49			101.86	*
40-00-00		57257	40.33			101.46	*
40-00-00		57258	40.12			100.93	*
40-00-00		57259	40.72			102.44	*
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Hydrite Chemical Company Brookville ,WI							
12-00-00	'ATS	56280	11.75			97.92	*
7-24-6	'Hydri-Gro	56281	6.57	24.47	6.18	100.36	*
12-00-00	'ATS	57824	11.90			99.17	*
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IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres							
3-6-4	'Burpee Organic Tomato + Vegetable	55849	5.12	4.63	4.93	113.4	*
4-4-4	'Burpee Natural Organic All Purpose	55882	3.77	3.68	4.59	98.76	*
3-5-6	'Expert Gardener Organics Vegetable & Tomato Food	55887	3.79	5.05	7.93	118.37	*
4-4-4	'Burpee Natural Organic All Purpose	56372	4.71	4.15	3.64	105.88	*
5-4-4	'Expert Gardener All Purpose Plant Food	57570	5.26	4.17	3.7	101.9	*
4-4-4	'Burpee Organic All Purpose	57597	4.66	4.04	3.77	105.26	*
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Invictis Crop Care LLC Loveland ,CO							
10-20-5	'Captivate 10-20-5	56507	10.17	18.77	5.16	97.33	*

Highlighted values 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
00-00-23	'Diverse K	57541			22.76	98.96	*
8-21-6	'Thrive	57542	8.58	22.92	6.05	107.59	*
12-9-6	'V-Agri	57543	12.09	9.18	6.66	102.87	*
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Italpollina USA Anderson ,IN							
7-00-1	'Stimtide 7-0-1	56986	6.50		1.53	98.09	
5-00-00	'Trainer	56987	4.43			88.6	
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J. A. Oldfield & Son, Inc. Mize ,KY							
5-20-20	'Top Crop	56337	7.59	22.1	20.33	112.92	
46-00-00	'Top Crop	56338	45.91			99.8	
5-10-15	'Top Crop	56339	5.01	10.87	17.19	109.39	
19-19-19	'Top Crop	56340	19.34	19.96	19.49	103.15	
10-10-10	'Top Crop	56341	9.61	11.74	10.97	107.15	
12-12-12	'Top Crop	56342	12.36	13.05	12.73	105.83	
19-19-19	'Top Crop	56343	19.23	19.73	19.59	102.63	
46-00-00	'Urea	56344	46.07			100.15	
18-46-00	'DAP	56345	17.48	46.86		100.44	
18-46-00	'DAP	56346	17.91	48.33		103.39	
00-00-60	'MP	56347			60.84	101.4	
18-46-00	'DAP	57107	16.76	46.08		98.05	
00-00-60	'MP	57108			60.97	101.62	
46-00-00	'Urea	57109	46.11			100.24	
19-19-19	'Stacy Smallwood	57110	19.10	20.03	19.48	102.77	
10-10-10	'Top Crop	57111	10.29	11.15	11.99	110.34	
10-10-10	'Top Crop	57112	10.25	11.24	10.52	106.7	
19-19-19	'Top Crop	57113	18.77	19.27	18.89	99.88	
25-14-14		57114	25.33	13.32	14.44	98.87	
19-19-19	'Virginia Callahan	57115	19.10	19.23	18.43	99.86	
5-20-20	'Wallace Smallwood	57116	7.64	21.16	20.18	110.44	
17-00-38		57244	17.42		37.28	100.05	
26-8-10		57245	26.22	6.52	10.91	99.44	
10-10-10	'Top Crop	57250	9.80	11.62	10.41	106.01	
19-19-19	'Top Crop	57251	19.36	20.63	18.13	102.58	
19-19-19	'Top Crop	57261	19.49	18.97	19.14	101.14	
10-10-10	'Top Crop	57262	10.15	11.29	10.89	107.44	
10-10-10	'Top Crop	57363	10.44	9.97	10.97	104.11	
19-19-19	'Top Crop	57364	19.27	20.9	16.36	100.49	
10-10-10	'Top Crop	57640	11.06	11.35	10.95	111.34	

Highlighted values 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	'Top Crop	57641	18.23	21.12	19.32	102.81	
19-19-19	'Top Crop	57650	19.44	20.2	18.02	101.79	
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J. R. Peters Allentown ,PA							
20-20-20	'Jacks Classic All Purpose	56800	19.76	21.32	21.45	103.74	*
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Janes Fertilizer & Farm Supply Columbia ,KY							
00-00-60	'MOP	55331			60.70	101.17	
18-46-00	'DAP	55332	17.48	45.26		97.98	
46-00-00	'Urea	55930	46.20			100.43	
00-00-60	'MOP	55931			61.3	102.17	
18-46-00	'DAP	55932	17.78	45.12		98.29	
21-00-00	'AMS	55933	21.10			100.48	*
28-13-13		57416	24.49	14.46	16.31	99.85	
28-13-13		57417	27.17	13.25	14.85	101.09	
35-00-14		57418	37.67		11.05	100.94	
7-18-36		57419	7.42	19.91	33.76	100.21	
24-11-20		57420	23.76	11.45	20.45	100.78	
19-19-19		57421	19.74	19.2	19.5	100.55	
30-00-12		57422	30.19		12.51	100.94	*
19-19-19		57604	19.72	19.58	19.09	100.74	
8-13-33		57605	8.02	12.83	33.99	101.57	*
6-15-40		57606	6.09	16.1	40.95	103.26	
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Kee's Farm Service & Supply, LLC. Grayson ,KY							
00-00-60	'MP	56170			60.57	100.95	
18-46-00	'DAP	56171	17.64	45.9		99.25	
46-00-00	'Urea	56172	46.17			100.37	
19-19-19		56176	19.20	19.75	20.3	101.61	
19-19-19		56178	19.48	19.93	19.52	101.49	
00-00-60	'MP	57008			59.84	99.73	
18-46-00	'DAP	57009	17.66	45.19		98.2	
19-19-19		57013	19.48	21.14	17.56	101.04	
22-12-22		57014	23.40	12.25	19.14	100.19	
19-19-19		57015	18.79	19.37	19.73	99.34	
10-10-10		57016	10.10	9.79	9.48	102.44	
32-00-17		57680	32.44		17.63	101.77	*
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Ken's Value Center Berry ,KY							
19-19-19	'19-19-19	56331	19.61	20.47	19.37	104.48	
19-19-19	'Kens Value Center	57510	19.67	21.35	19.7	106.69	

Highlighted values 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
34-00-00	'Ammonium Nitrate	57511	34.31			100.91	
46-00-00	'Urea	57512	46.01			100.02	
Kentucky Fertilizer - Winchester Winchester ,KY							
19-19-19	'19-19-19	55133	18.96	21.00	18.47	102.74	
10-10-10	'10-10-10	55134	9.28	9.96	10.40	98	
15-15-15	'Kentucky Green	55147	15.27	15.98	13.66	100.62	
19-19-19	'19-19-19	55276	18.96	20.57	18.72	102.32	
10-10-10	'10-10-10	55277	9.22	9.38	9.03	92.25	
10-10-10	'10-10-10	55760	12.91	11.38	12.46	122.53	
10-10-10	'10-10-10	56332	10.29	11.37	9.83	105.53	
19-19-19	'19-19-19	56333	18.96	20.55	18.95	102.73	
19-19-19	'19-19-19	56688	17.54	17.60	21.36	97.63	
00-00-60	'MOP	56719			59.75	99.58	
18-46-00	'DAP	56720	17.68	46.19		99.75	
00-00-60	'MOP	56721			60.69	101.15	
46-00-00	'Urea	56722	46.20			100.43	
00-00-60	'mop	56723			60.18	100.3	
00-00-60	'MOP	56724			59.50	96.58	
00-00-60	'MOP	56725			59.02	98.37	
10-10-10	'10-10-10	56803	9.45	10.35	11.16	102.11	
19-19-19	'19-19-19	57168	18.85	17.85	19.61	98.39	
6-24-24	'Kentucky Green	57189	8.91	23.92	24.25	106.85	
5-20-20	'Kentucky Green	57190	4.88	19.46	19.86	98.07	
19-19-19	'Kentucky Green	57191	19.59	18.62	20.23	102.17	
15-15-15	'Kentucky Green	57192	14.28	16.32	16	102.97	
35-00-00	'Kentucky Green	57193	36.02			102.91	*
12-12-12	'Kentucky Green	57194	11.74	12.38	11.40	98.98	
5-10-10	'Kentucky Green	57195	4.68	9.47	8.48	91.26	
19-19-19	'Kentucky Green	57196	18.00	19.2	20.69	100.63	
15-15-15	'Kentucky Green	57197	13.34	16.05	15.51	99.06	
6-12-12	'Kentucky Green	57198	5.40	11.1	11.03	91.71	
10-20-20	'Kentucky Green	57199	10.88	21.86	19.27	105.02	
15-30-15	'Kentucky Green	57200	15.29	30.57	14.71	101.18	
10-10-10	'Kentucky Green	57482	9.88	9.53	9.69	97.07	
19-19-19	'Kentucky Green	57483	18.23	19.87	20.02	101.44	
19-19-19	'Kentucky Green	57484	18.05	20.65	18.7	100.72	
10-10-10	'Kentucky Green	57642	11.57	10.45	12.58	114.36	

Highlighted values 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	57676	9.10	9.31	8.75	90.84	
15-15-15	'Kentucky Green	57677	14.64	16.99	14.11	102.22	
19-19-19	'Kentucky Green	57681	19.18	19.4	18.45	100.36	
10-10-10	'KY Green	57752	10.40	10.17	9.83	101.71	
35-00-00	'KY Green	57753	33.71			96.31	*
5-10-10	'Kentucky Green	57754	5.68	9.44	7.60	93.11	
10-10-10	'Kentucky Green	57755	9.41	9.485	8.79	92.74	
16-27-14	'Kentucky Green	57756	15.84	26.47	13.36	97.86	
19-35-8	'Kentucky Green	57757	18.99	36.98	7.27	102.32	
12-12-12	'Kentucky Green	57849	12.15	12.39	12.45	102.6	
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Knox Fertilizer Company Inc Knox ,IN							
15-5-15	'Schultz Rose & Flower	55850	14.98	5.74	14.44	100.95	*
11-22-10	'Lawnscape Starter	57552	12.39	22.14	9.08	102.38	
5-10-5	'Schultz Starter Plus	57801	5.29	10.34	5.18	104.13	*
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Lake Cumberland Farmers Coop. Monticello ,KY							
26-00-26		56369	26.45		26.64	101.87	
27-14-14		56370	27.64	13.57	15	102.54	
19-19-19		57429	19.83	20.14	19.66	102.74	
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Lilly Miller Brands - Atlanta Atlanta ,GA							
5-1-1	'Alaska Fish Fertilizer	55885	4.91	1.51	0.345	99	
5-1-1	'Alaska Fish Fertilizer	57574	5.49	2.26	0.10	115.77	
5-1-1	'Alaska Fish Fertilizer	57806	5.49	2.51	1.28	131.2	
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Loveland Products, Inc. Greeley ,CO							
7-17-3	'Riser 7-17-3	55823	7.14	17.20	3.14	101.7	*
7-17-3	'Riser 7-17-3	55824	7.01	17.46	3.09	102	*
7-17-3	'Riser 7-17-3	55825	6.84	16.90	3.01	99	*
24-00-00	'Maximum N-Pact	56076	23.57			98.21	
6-20-00	'Black Label ZN	57303	5.95	19.5		97.91	*
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Marshall County Coop Benton ,KY							
30-00-00	'30-0-0	55916	30.78			102.6	*
18-46-00	'DAP	55917	17.91	45.3		98.79	
00-00-60	'MP	55918			59.88	99.8	
18-18-15		56109	19.25	17.21	14.12	99.73	*
18-18-15		56110	19.07	17.32	15.21	101.18	*
18-46-00	'DAP	56670	17.61	46.07		99.46	
00-00-60	'MP	56671			59.02	98.37	
30-00-00	'30-0-0 w/ 8 S	56672	30.33			101.1	*

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-18-15		56673	17.86	18.04	15.37	100.18	*
18-18-15		56674	18.04	18.32	15.21	100.92	*
18-18-15		56675	17.66	18.5	16.38	102.22	*
18-18-15		56676	17.63	18.77	15.87	101.82	*
20-9-15		56677	19.39	8.9	15.9	99.9	*
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Mays Lick Mill Mayslick ,KY							
25-15-15		57355	25.70	15.47	14.77	100.68	
23-00-00		57356	21.47			93.35	
00-00-30		57357			30.11	98.72	
23-00-00		57358	23.14			100.61	
25-34-00		57359	24.38	35.35		100.27	
28-12-15		57360	27.21	12.53	15.51	101.71	
30-5-17		57361	29.22	4.78	18.04	99.14	
29-00-00		57362	29.77			101.5	*
00-00-32		57365			32.12	99.88	*
27-32-00		57366	26.38	31.75		99.4	
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Mid States Ag Sales LLC Lavergne ,TN							
18-46-00	'DAP	55741	18.09	45.38		99.21	
46-00-00	'Urea	55742	46.12			100.26	
00-00-60	'MOP	55743			60.09	100.15	
00-00-60	'MOP	55744			60.68	101.13	
18-46-00	'DAP	55745	18.42	45.96		100.64	
46-00-00	'Urea	55746	45.93			99.85	
18-46-00	'DAP	55792	17.31	45.31		97.8	
18-46-00	'DAP	55793	17.84	45.33		98.71	
00-00-60	'MOP	55796			60.39	100.65	
00-00-60	'MOP	55797			60.16	100.27	
18-46-00	'DAP	55798	18.11	45.64		99.64	
46-00-00	'Urea	55799	46.14			100.3	
46-00-00	'Urea	55800	46.03			100.07	
46-00-00	'Urea	55801	46.08			100.17	
46-00-00	'Urea	55875	46.07			100.15	
00-00-60	'MOP	55876			61.58	102.63	
18-46-00	'DAP	55877	17.79	45.33		98.63	
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Miracle-Gro Lawn Products, Inc. Marysville ,OH							
18-6-12	'Miracle-Gro Shake n Feed Flowering Trees & Shrubs	55852	18.09	6.15	12.85	102.52	*
9-2-7	'Miracle-Gro Performance Organics All Purpose	55853	8.97	2.48	7.54	104.95	*

Highlighted values 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
11-3-8	'Miracle-Gro Performance Organics	55901	11.32	4.08	9.48	112.02	*
10-5-15	'Miracle-Gro Shake n Feed Tomato Fruit & Vegetable	55909	10.36	5.38	16.1	105.86	*
9-2-7	'Miracle Gro Performance Organics All Purpose	56374	8.91	2.46	7.07	102.43	*
12-4-8	'Miracle Gro Shake n Feed All Purpose	56433	12.35	4.62	8.09	104.65	*
11-3-8	'Performance Organics	56989	11.20	4.1	8.59	108.37	*
18-18-21	'Miracle Gro Plant Food Vegetables and Herbs	57575	21.63	16.74	18.55	101.75	*
9-2-7	'Performance Organics	57576	9.27	1.9	6.81	100.34	*
4-12-4	'Miracle Gro Quick Start Planting & Starting Solution	57803	4.24	13.05	4.23	107.67	
9-4-9	'Miracle Gro Liquafeed Tomato Fruits & Vegetables	57804	9.36	4.35	9.1	104	*
12-4-8	'Miracle Gro Liquafeed All Purpose	57805	12.23	4.32	8.11	102.84	*
12-4-8	'Miracle Gro All Purpose Plant Food	57807	12.42	4.26	7.92	102.88	*
10-3-6	'Nature s Care Natural All Purpose Plant Food	57808	10.79	4.72	8.52	124.13	*
18-18-21	'Miracle Gro Water Soluble Plant Food Vegetables & Herbs	57809	17.12	19.7	22.75	103.79	*
Monty's Plant Food Louisville ,KY							
8-16-8	'Premium Growth Plant Food	56380	8.52	15.77	8.39	102.04	*
6-18-6	'Monty s 6-18-6 with Sulfur and Zinc	56563	5.59	23.41	5.56	116	*
6-24-6	'Monty s Premium Blend 6-24-6	56761	5.74	23.00	5.98	96.28	*
6-24-00	'Monty s	56912	7.37	21.72	5.32	96.48	
6-18-6	'Monty s 6-18-6 with Sulfur and Zinc	56959	5.72	19.14	5.64	101.96	*
6-00-00	'Monty s 6-18-6 with Sulfur and Zinc	56960	7.93		5.05	112.32	*
Nachurs Alpine Solutions Corporation Marion ,OH							
5-15-15	'Nachurs Big Leaf	56988	5.11	15.01	15.16	100.79	*
NOT IN USAPLANTS Lexington ,KY							
17-9-26	'Epiphyte s Delight	56802	17.23	9.34	27.88	104.22	*
28-00-00	'28-0-0	57818	28.87			103.11	
Nutrien Ag Solutions - Russellville Russellville ,KY							
8-20-26		55453	7.59	20.56	25.54	100.5	*
8-20-26		55454	7.56	19.81	25.83	99.35	*
9-23-25		55455	9.00	23.62	24.82	101.54	*
9-23-25		55456	9.17	23.9	23.85	101.05	*
8-20-26		55457	7.57	19.11	26.54	99.04	*
8-20-26		55458	7.56	20.41	26.04	100.89	*
8-20-26		55459	7.48	19.53	26.24	99.23	*
8-20-26		55460	7.46	19.26	26.08	98.38	*
9-23-25		55461	9.05	22.96	25.06	100.75	*
9-23-25		55462	9.18	23.13	24.75	100.92	*
Nutrien Ag Solutions - Campbellsville Campbellsville ,KY							

Highlighted values are deficient.

*** Refer to Table 3**

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
7-19-36		57070	7.79	18.62	35.45	100.6	
42-00-00		57072	43.60			103.32	*
42-00-00		57073	43.87			104.15	*
18-17-17		57074	18.07	18.67	17.18	103.92	*
18-17-17		57075	18.24	15.87	18.2	100.13	*
18-17-17		57076	18.23	15.95	18.17	100.22	*
40-00-00		57079	39.15			97.9	*
19-00-25		57080	16.4		29.08	100.45	*
18-18-18		57081	17.37	18.27	18.19	101.82	*
29-00-22		57083	28.28		23.43	100.25	
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Nutrien Ag Solutions - Cecilia Cecilia ,KY							
00-8-49		55499		9.63	47.33	99.81	
00-15-40		55500		16.98	38	100.24	
10-26-26		55557	9.57	24.06	28.19	98.16	
10-26-26		55558	9.51	24.24	28.38	98.59	
10-26-26		55559	9.96	25.02	28.24	100.67	
19-16-22		56314	19.23	17.25	22.6	102.88	
19-19-19		56315	19.35	21.72	18.64	103.33	
19-19-18		56316	18.30	20.35	19.31	103.86	
7-24-24		56413	7.26	24.02	25.03	101.73	*
7-24-24		56414	7.37	25.49	23.34	102.44	*
19-19-19		56415	19.48	18.35	18.41	97.15	
22-22-14		56567	21.46	23.06	15.22	102.89	
22-13-22		56568	22.02	13.11	20.99	100.42	
25-15-15		56569	25.09	16.21	15.26	101.98	
19-19-19		56570	19.73	19.5	19.05	100.58	
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Nutrien Ag Solutions - Clarkson Clarkson ,KY							
18-12-18		56416	17.75	11.75	18.91	100.36	*
18-12-18		56417	18.21	12.32	18.81	102.59	*
17-19-22		56418	18.24	19.1	20.72	100.96	
22-17-18		56419	21.62	17.75	18.82	101.64	
22-17-18		56420	21.76	17.74	18.55	101.54	
22-17-18		56421	21.52	18	18.53	101.5	
21-12-23		56422	20.43	12.19	24.45	101.38	
24-8-23		56423	22.37	12.25	21.88	104.57	
20-19-19		56424	19.62	18.29	20.29	99.77	
19-19-19		56425	19.41	19.16	20.39	101.08	

Highlighted values 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 - Clay Clay ,KY							
19-19-19		57442	19.44	20.49	19.66	102.68	
16-15-22		57443	16.13	15.43	23.05	102.05	*
16-15-22		57444	16.33	16.2	22.35	103.02	*
10-18-27		57445	10.15	17.79	27.08	100.07	*
10-18-27		57446	10.35	18.85	26.79	102.26	*
10-18-27		57447	10.57	18.58	26.56	101.82	*
10-18-27		57448	10.74	17.87	26.87	101.21	*
6-20-30		57449	5.83	19.78	28.75	97.33	*
6-20-30		57450	6.08	20.92	28.76	100.26	*
6-20-30		57451	6.06	20.98	29.44	101.36	*
Nutrien Ag Solutions - Clinton Clinton ,KY							
4-6-21		55520	4.73	7.38	20.81	107.04	*
4-4-23		55524	5.54	4.75	22.23	108.9	*
6-20-30		55525	6.08	20.51	29.37	100.24	*
6-20-30		55526	6.14	20.35	29.58	100.39	*
10-00-30		57170	10.18		30.89	100.9	*
10-00-30		57171	10.44		30.39	100.66	*
24-14-18		57305	23.36	15.68	18.04	102.69	
24-14-18		57306	23.50	13.73	19.37	101.14	
22-15-20		57307	21.29	15.74	21.52	102.88	
22-15-20		57308	21.68	14.78	21.96	102.49	
22-15-20		57319	21.29	14.92	22.33	102.46	
22-15-20		57320	21.52	15.54	19.75	100.55	
10-12-30		57321	9.48	11.89	31.99	104.16	*
10-12-30		57322	9.68	11.54	31.59	103.19	*
Nutrien Ag Solutions - Ekron Ekron ,KY							
16-16-16		56575	15.46	16.33	16.28	101.11	*
24-18-8		56576	25.70	16.53	7.49	100.36	*
24-18-8		56577	24.58	16.94	7.67	98.98	*
17-17-17		56578	17.39	18.19	17.44	102.76	*
19-19-19		56581	19.35	20.42	19.27	101.81	
18-17-17		56582	18.19	17.97	16.37	100.32	*
18-18-18		56583	17.61	18.91	16.92	101.75	*
25-13-13		56584	25.42	13.42	13.01	101.79	*
23-14-14		56585	23.02	15.24	13.65	101.21	*
23-14-14		56586	23.55	14.94	14.01	102.29	*

Highlighted values 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
11-18-24		56393	11.26	18.25	24.24	100.88	*
11-18-24		56394	11.55	18.67	25.64	104.56	*
22-5-28		56395	21.76	4.87	29.72	103.19	
11-18-24		56397	11.69	18.44	25.15	103.65	*
11-18-24		56398	11.59	18.7	25.41	104.36	*
8-00-37		57122	7.68		35.38	97.1	*
11-18-24		57123	10.56	18.16	24.69	99.09	*
11-18-24		57124	11.32	18.62	23.83	100.47	*
11-18-24		57125	11.11	19.14	25.64	103.82	*
7-17-31		57126	7.82	19.25	29.73	103.7	*
7-17-31		57127	7.63	18.37	30.13	102.04	*
Nutrien Ag Solutions - Greeley Greeley ,CO							
18-46-00	'DAP	55152	17.78	45.27		98.53	
00-00-60	'MOP	55153			59.58	99.3	
18-46-00	'DAP	55200	17.85	45.62		99.17	
12-40-00	'MES	55201	11.26	40.01		98.39	*
00-00-60	'MOP	55202			60.77	101.28	
00-00-60	'MP	55232			59.48	99.13	
18-46-00	'DAP	55233	18.04	45.75		99.7	
00-00-22	'K-Mag	55247			22.50	102.27	*
18-46-00	'DAP	55248	17.65	45.11		98.06	
12-40-00	'MES 10	55249	11.72	39.02		97.58	*
12-40-00	'MES 10	55250	11.71	38.94		97.41	*
00-00-60	'MP	55251			59.20	98.67	
00-00-60	'MP	55252			60.14	100.23	
18-46-00	'DAP	55268	17.84	45.60		99.12	
00-00-60	'MP	55269			59.70	99.5	
00-46-00	'TSP	55270		45.41		98.72	
12-40-00	'MES10	55271	11.69	39.82		98.99	*
00-00-60	'MP	55272			59.86	99.77	
18-46-00	'DAP	55286	17.85	45.80		99.44	
00-46-00	'TSP	55287		46.02		100.04	
00-00-60	'MOP	55288			59.33	98.88	
00-46-00	'TSP	55289		46.26		100.57	
18-46-00	'DAP	55300	17.73	45.99		99.51	
00-00-60	'MP	55301			59.82	99.7	
00-00-60	'MP	55302			60.16	100.27	

Highlighted values 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	55303	46.07			100.15	
18-46-00	'DAP	55305	17.82	46.12		99.86	
00-00-60	'MP	55306			60.48	100.8	
00-00-58	'0-0-58-0.5B Aspire	55335			59.46	102.52	*
00-00-60	'MP	55336			60.19	100.32	
12-40-00	'MES10	55337	11.91	39.56		98.99	*
00-46-00	'TSP	55338		46.77		101.67	
00-00-60	'MP	55339			60.82	101.37	
18-46-00	'DAP	55340	18.08	46.05		100.22	
12-40-00	'MES10	55341	11.64	41.96		102.81	*
00-46-00	'TSP	55408		45.73		99.41	
18-46-00	'DAP	55409	17.68	45.66		98.93	
18-46-00	'DAP	55442	17.23	46.25		99.01	
00-00-60	'MP	55443			60.86	101.43	
00-00-60	'MOP	55502			60.21	100.35	
18-46-00	'DAP	55503	17.38	45.69		98.44	
18-46-00	'DAP	55504	17.71	45.77		99.15	
00-00-60	'MOP	55505			60.91	101.52	
12-40-00	'MES 10	55521	11.24	40.95		100.08	*
00-00-60	'MP	55522			60.23	100.38	
21-00-00	'AS	55523	20.57			97.95	*
18-46-00	'DAP	55609	17.42	46.44		99.7	
00-00-60	'MOP	55610			59.53	99.22	
00-00-60	'MOP	55611			59.19	98.65	
20-00-00	'AS	55612	19.9			99.5	*
00-00-60	'MOP	55613			59.73	99.55	
18-46-00	'DAP	55614	17.56	45.71		99.52	
12-40-00	'MES 10	55615	12.15	39.67		99.69	*
18-46-00	'DAP	55616	17.54	45.78		98.9	
00-00-22	'Sul-Po-Mag	55617			22.01	100.05	*
12-40-00	'MES 10	55643	12.12	39.93		100.12	*
00-00-60	'MOP	55644			59.20	98.67	
21-00-00	'AS	55645	20.44			97.33	*
00-00-60	'MOP	55673			59.07	98.45	
00-00-60	'MOP	55674			61.14	101.9	
00-00-60	'MOP	55675			60.44	100.73	
44-00-00	'ESN	55676	44.81			101.84	

Highlighted values 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	55678	46.20			100.43	
18-46-00	'DAP	55679	17.91	45.16		98.57	
18-46-00	'DAP	55680	18.14	46.06		100.32	
00-00-60	'MOP	55681			59.96	99.93	
44-00-00	'ESN	55682	44.65			101.48	
20-00-00	'AS	55683	19.64			98.2	*
00-00-58	'Aspire	55685			57.77	99.6	*
12-40-00	'MES Z	55686	11.91	39.08		98.08	*
18-46-00	'DAP	55687	17.89	46.50		100.58	
00-00-60	'MOP	55688			60.85	101.42	
00-00-22	'K-Mag	55689			23.33	106.05	*
46-00-00	'Urea	55690	45.95			99.89	
46-00-00	'Urea	55707	45.97			99.93	
44-00-00	'ESN	55708	44.71			101.61	
00-00-60	'MOP	55709			58.99	98.32	
18-46-00	'DAP	55710	17.78	45.93		99.53	
18-46-00	'DAP	55711	17.82	46.33		100.2	
00-00-60	'MOP	55712			60.94	101.57	
21-00-00	'AMS	55714	20.49			97.57	*
18-46-00	'DAP	55753	17.97	45.27		98.84	
00-00-60	'MOP	55755			60.27	100.45	
18-46-00	'DAP	55756	17.54	45.64		99.23	
46-00-00	'Urea	55757	46.16			100.35	
44-00-00	'ESN Urea	55758	45.18			102.68	
20-00-00	AS	55759	21.52			107.6	*
00-00-60	'MP	55819			59.91	99.85	
18-46-00	'DAP	55820	17.86	46.26		100.16	
12-40-00	'MEZ	55821	11.72	40.85		101.02	*
44-00-00	'ESN	55822	45.03			102.34	
45-00-00	'45-0-0	55826	45.49			101.09	
00-00-58	'Aspire 0-0-58	55827			57.32	98.83	*
00-00-60	'MP	55828			59.05	98.42	
12-40-00	'MES10	55829	11.84	40.86		101.29	*
18-46-00	'DAP	55951	17.63	45.52		98.65	
00-00-60	'MP	55952			59.15	98.58	
00-00-60	'MOP	55971			59.00	98.33	
00-00-60	'MOP	55972			60.49	100.82	

Highlighted values 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	55973			60.12	100.2	
00-00-60	'MOP	55974			59.10	98.5	
18-46-00	'DAP	55975	17.72	45.63		98.97	
12-40-00	'MES	55976	11.42	40.8		100.31	*
12-40-00	'MES	55977	11.79	38.84		97.38	*
46-00-00	'Urea	55978	46.12			100.26	
20-00-00	'Ammonium Sulfate	56010	20.19			98.49	*
00-00-60	'MOP	56011			60.14	100.23	
12-40-00	'MES 10	56012	11.88	40.18		100.09	*
44-00-00	'ESN Urea	56013	45.32			103	
18-46-00	'DAP	56014	17.10	46.18		98.77	
46-00-00	'Urea	56015	46.19			100.41	
46-00-00	'Urea	56071	46.20			100.43	
44-00-00	'ESN	56072	45.49			103.39	
12-40-00	'MES10	56073	11.92	40.49		100.76	*
00-00-60	'MP	56074			60.80	101.33	
18-46-00	'DAP	56075	17.75	45.21		98.38	
46-00-00	'Urea	56153	46.11			100.24	
00-46-00	'TSP	56154		46.71		101.54	
18-46-00	'DAP	56155	17.33	46.22		99.22	
00-00-60	'MOP	56156			62.08	103.47	
44-00-00	'ESN Urea	56157	44.98			102.23	
20-00-00	'AMS	56158	20.41			99.56	*
32-00-00	'32% UAN	56185	32.17			100.53	
20-00-00	'AS	56396	19.84			99.2	*
18-46-00	'DAP	56571	17.64	46.07		99.51	
46-00-00	'Urea	56572	46.18			100.39	
44-00-00	'ESN Urea	56573	45.40			103.18	
12-40-00	'MES 10	56574	11.92	40.71		101.17	*
00-00-22	'KMag	56579			21.75	98.86	*
00-00-60	'MOP	56580			59.25	98.75	
32-00-00	'32% UAN	56609	32.17			100.53	
00-00-60	'MOP	56806			59.57	99.28	
18-46-00	'DAP	56807	18.03	46.3		100.51	
18-46-00	'DAP	56808	17.81	46.05		99.76	
00-00-60	'MOP	56809			59.06	98.43	
46-00-00	'Urea	56818	45.97			99.93	

Highlighted values 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	56819	17.47	45.49		98.34	
44-00-00	'ESN	56820	45.06			102.41	
00-00-60	'MOP	56821			59.61	99.35	
20-00-00	'AS	56822	19.94			97.27	*
12-40-00	'MES 10	56831	11.76	41.08		101.54	*
18-46-00	'DAP	56832	17.24	45.73		98.32	
00-00-60	'MP	56833			61.46	102.43	
18-46-00	'DAP	56834	17.44	45.2		97.85	
00-00-60	'MP	56835			59.21	98.68	
46-00-00	'Urea	56836	46.03			100.07	
20-00-00	'AS	56837	20.16			100.8	*
18-46-00	'DAP	56866	17.87	45.3		98.72	
00-00-60	'MP	56867			60.8	101.33	
18-46-00	'DAP	56868	18.07	45.29		99.04	
44-00-00	'ESN	56869	45.21			102.75	
46-00-00	'Urea	56870	45.98			99.96	
12-40-00	'MES 10	56952	11.74	40.04		99.54	*
18-46-00	'DAP	56953	17.67	45.34		98.45	
00-00-60	'MOP	56955			60.43	100.72	
46-00-00	'Urea	56956	46.20			100.43	
46-00-00	'Urea	56957	46.08			100.17	
44-00-00	'ESN Urea	56958	45.54			103.5	
46-00-00	'Urea	56961	46.17			100.37	
00-46-00	'TSP	56962		45.26		98.39	
12-40-00	'MEZ	56963	11.78	40.1		99.73	*
44-00-00	'ESN	56964	44.83			101.89	
18-46-00	'DAP	56965	17.24	45.89		98.56	
18-46-00	'DAP	56966	17.40	45.36		98.03	
00-00-60	'MP	56967			60.5	100.83	
46-00-00	'Urea	57077	46.20			100.43	
44-00-00	'ESN	57078	45.21			102.75	
44-00-00	'ESN	57082	44.82			101.86	
18-46-00	'DAP	57084	17.66	45.15		98.14	
12-40-00	'MES10	57085	12.02	40.41		100.81	*
18-46-00	'DAP	57117	17.60	45.64		98.78	
00-00-60	'MP	57118			59.49	99.15	
00-00-60	'MP	57119			60.98	101.63	

Highlighted values 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	57120	46.12			100.26	
20-00-00	'AS	57121	20.17			100.85	*
00-00-50	'SOP	57149			49.8	99.6	
32-00-00	'32% UAN	57235	32.17			100.53	
32-00-00	'32% UAN	57302	32.02			100.06	
00-00-50	'SOP	57516			52.35	104.7	
12-40-00	'MES 10	57517	11.95	43.46		106.4	*
18-46-00	'DAP	57518	18.01	46.46		100.72	
21-00-00	'AS	57519	20.57			97.95	*
00-00-60	'MOP	57557			59.58	99.3	
18-46-00	'DAP	57558	17.90	46.27		100.24	
44-00-00	'ESN Urea	57559	44.69			101.57	
00-00-50	'SOP	57560			50.2	100.4	
46-00-00	'Urea	57561	46.20			100.43	
12-40-00	'MES 10	57562	11.82	41.05		101.6	*
00-00-60	'MOP	57563			60.53	100.88	
18-46-00	'DAP	57564	17.82	45.22		98.51	
46-00-00	'Urea	57565	46.20			100.43	
44-00-00	'ESN Urea	57566	44.98			102.23	
21-00-00	'AS	57567	20.38			97.05	*
46-00-00	'Urea	57669	46.12			100.26	
00-46-00	'TSP	57670		47.45		103.15	
00-00-60	'MOP	57671			61.33	102.22	
18-46-00	'DAP	57672	17.65	47.42		101.58	
32-00-00	'32% UAN	57682	31.98			99.94	
00-00-50	'SOP	57708			52.18	104.36	
32-00-00	'32% UAN	57728	31.98			99.94	
Nutrien Ag Solutions - Hardin Hardin ,KY							
16-18-24		57279	16.03	17.02	25.07	98.14	
24-16-16		57280	24.53	17.51	15.66	103.43	
12-12-30		57281	11.87	11.9	30.71	101.3	*
12-12-30		57282	12.17	12.01	29.89	100.96	*
13-12-30		57283	12.54	11.47	30.14	99.68	*
13-12-30		57284	13.35	13.75	26.19	100.26	*
13-12-30		57285	12.58	11.82	30.11	100.47	*
13-12-30		57286	12.65	12.26	31.35	103.47	*
31-9-12		57528	32.15	9.5	11.66	102.17	

Highlighted values 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
31-9-12		57529	31.39	9.28	11.95	100.55	
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Nutrien Ag Solutions - Henderson Henderson ,KY							
9-23-30		55564	8.73	23.08	30.81	100.67	
9-23-30		55565	9.06	24.03	29.86	101.75	
9-22-31		56871	8.63	21.81	32.51	101.02	
9-22-31		56872	8.95	22.38	31.94	101.94	
9-22-31		56873	8.39	20.56	32.06	97.64	
9-22-31		56874	8.88	21.77	32.43	101.34	
9-22-31		56875	9.04	22.48	32.02	102.42	
9-22-31		56876	8.95	21.78	32.53	101.64	
9-22-31		56877	8.95	21.71	32.56	101.55	
9-22-31		56878	8.99	21.63	30.8	99.12	
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Nutrien Ag Solutions - Hodgenville Hodgenville ,KY							
00-7-20		55560		6.71	20.76	103.98	*
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Nutrien Ag Solutions - Horse Cave Horse Cave ,KY							
11-15-23		55465	10.65	16.09	23.75	101.82	*
19-19-19		56151	19.48	20	19.63	101.64	
21-18-18		56152	20.72	17.83	19.98	101.36	
28-13-13		56159	27.36	13.53	14.46	101.3	
19-19-19		56160	19.85	18.98	18.54	99.17	
27-14-14		56161	27.72	12.15	15.23	100.36	
20-18-18		56197	20.25	18.27	18.58	102.75	*
13-20-27		56789	13.63	19.16	25.72	97.44	
2-17-30		56790	2.57	17.16	28.76	101.57	*
18-13-26		56791	18.00	10.5	29.14	99.14	
24-15-6		56792	24.56	15.38	6.56	101.58	*
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Nutrien Ag Solutions - Kevil Kevil ,KY							
11-19-25		57304	10.63	19.77	25.1	100.92	*
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Nutrien Ag Solutions - Lebanon Lebanon ,KY							
24-10-20		57392	23.40	9.98	20.88	98.7	
24-10-20		57393	23.49	10.11	21.1	99.46	
24-10-20		57394	23.05	10.27	21.08	98.81	
18-13-17		57395	18.13	12.22	19.59	101.53	
26-00-17		57396	26.10		18.1	102.89	*
26-8-20		57397	24.62	7.92	21.21	99.03	
26-8-20		57398	25.56	8.37	20.08	100.31	
31-11-10		57399	29.69	10.99	11.55	99.62	

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
8-19-25		57400	7.61	18.92	24.74	99.34	*
22-8-16		57401	21.66	8.18	17.36	101.87	*
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Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY							
32-00-00 '32-0-0		57823	32.19			100.59	
32-00-00		57825	32.01			100.34	
32-00-00 '32-0-0		57826	32.04			100.12	
30-00-00		57836	28.02			93.4	*
28-00-00 '28-0-0		57837	29.33			104.75	
32-00-00		57838	31.50			100	*
32-00-00 '32-0-0		57839	31.97			99.91	
32-00-00 '32-0-0		57840	32.33			101.03	
28-00-00 '28-0-0		57841	29.80			106.43	
29-00-00		57845	26.56			91.46	*
26-00-00		57846	26.70			104.62	*
26-00-00		57847	26.75			104.57	*
28-00-00 '27.9-0-0		57848	28.04			100.5	
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Nutrien Ag Solutions - Morganfield Morganfield ,KY							
6-20-30		56735	6.01	20.65	30.83	102.61	*
6-20-30		56736	6.01	20.39	30.13	101.02	*
6-20-30		56737	5.91	20.18	30.94	101.59	*
6-20-30		56738	5.99	20.24	30.11	100.64	*
15-43-00		56739	14.20	43.97		100.15	*
15-43-00		56740	14.58	44.56		101.85	*
5-14-42		56741	5.68	14.57	41.55	101.35	
28-12-12		56742	27.70	12.89	13.78	102.63	
28-12-12		56743	28.52	12.52	12.42	101.73	
14-19-24		56744	14.11	18.01	25.16	100.04	
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Nutrien Ag Solutions - Pembroke Pembroke ,KY							
8-24-26		55316	7.32	22.35	28.57	100.7	*
8-24-26		55317	7.48	23.87	26.75	101.3	*
8-24-26		55318	7.36	23.66	26.92	100.87	*
4-9-48		55319	3.71	9.22	49.05	101.9	
4-9-48		55320	3.71	9.59	47.72	100.61	
4-9-48		55321	3.74	9.42	48.79	101.97	
4-9-48		55322	3.40	8.97	48.71	100.15	
32-10-10		56112	31.92	10.42	11.16	101.51	
14-16-23		56267	14.54	16.51	22.97	101.93	*

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
6-20-28		56268	6.18	20.36	28.66	100.42	*
6-20-28		56269	6.16	20.59	29.27	101.79	*
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Nutrien Ag Solutions - Riverport Owensboro ,KY							
32-23-00		56902	31.16	22.83		98.15	
11-19-25		56903	10.46	18.46	26.57	99.27	*
11-19-25		56904	10.89	18.44	25.51	98.68	*
11-19-25		56905	10.55	19.14	25.64	99.46	*
11-19-25		56906	10.67	18.69	25.64	98.61	*
9-23-30		56907	8.98	22.7	30.33	99.85	
9-23-30		56908	8.79	22.36	30.3	98.84	
9-23-30		56909	8.71	22.45	30.74	99.42	
9-23-30		56910	8.87	23	30.37	100.22	
4-13-40		56911	4.68	14.37	38.82	102	*
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Nutrien Ag Solutions - Sacramento Sacramento ,KY							
9-23-30		57659	8.75	23.51	31.23	102.07	
9-23-30		57660	8.61	22.7	32.57	102.1	
9-23-30		57661	8.85	23.74	31.54	103.11	
6-15-40		57662	0.29	15.77	37.85	85.55	
6-15-40		57663	0.20	15.52	40.14	88.14	
9-23-30		57664	9.22	24.13	30.39	103.02	
29-5-15		57665	29.13	5.68	15.75	103.04	
00-23-30		57666		26.58	28.74	105.91	
00-23-30		57667		24.37	30.59	104.01	
12-31-20		57668	11.63	31.27	20.3	100.71	
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Nutrien Ag Solutions - Sedalia Sedalia ,KY							
9-23-30		55384	9.25	24.53	30.64	104.09	
9-23-30		55385	9.50	24.06	29.17	101.8	
9-23-30		55386	10.01	25.54	26.78	102.25	
9-23-30		55387	9.30	23.49	29.52	100.85	
9-23-30		55388	9.00	22.81	30.15	99.87	
9-23-30		55389	8.29	23.7	29.63	99.24	
9-23-30		55390	8.73	22.9	30.13	99.43	
9-23-30		55391	8.93	23.25	30.33	100.74	
9-23-30		56186	8.50	23.53	31.14	101.49	
9-23-30		56187	8.53	22.52	32.66	101.74	
9-23-20		56188	9.21	24.19	20.57	103.07	*
9-23-20		56189	9.13	24.05	20.39	102.32	*

Highlighted values 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							
17-7-18		56804	16.99	6.8	18.51	101.84	
28-7-16		56805	27.72	6.93	16.76	100.98	
9-23-30		56991	9.36	23.5	29.3	100.7	
9-23-30		56992	9.20	23.73	29.56	101.14	
22-6-6		56993	22.32	6.38	6.45	100.73	*
19-00-35		56994	19.23		34.06	98.7	
17-21-21		56995	17.72	20.71	20.25	99.85	
32-9-9		56996	32.42	8.87	9.47	99.64	
5-12-44		57791	5.14	12.33	44.22	101.08	
4-10-27		57792	4.39	11.12	26.95	104.91	*
18-13-17		57793	17.41	12.94	16.96	100.65	*
Nutrien Ag Solutions - Union City Union City ,TN							
12-17-22		56830	11.91	18.14	22.32	102	*
9-23-30	'9-23-30	57188	5.70	24.94	31.27	98.23	
9-00-00	'9-23-30	57233	5.78	25.97	31.26	558.9	
11-20-26		57596	10.54	23.21	22.18	101.76	*
Nutrien Ag Solutions - Upton Upton ,KY							
00-8-20		55421		8.08	19.64	100.9	*
00-7-20		55422		7.54	19.7	104.15	*
00-7-20		55423		6.8	21.23	106.15	*
00-7-20		55424		7.72	19.93	105.79	*
16-16-27		56546	15.68	16.22	27.91	101.94	
16-16-27		56547	15.71	17.84	27.39	104.35	
19-19-19		56548	18.85	19.1	19.58	102.05	
9-22-29		56549	8.74	22.73	30.19	102.55	*
23-37-00		56550	22.82	38.29		100.82	
24-12-20		56551	23.46	12.24	20.37	101.23	
19-19-19		56552	19.34	20.31	20.1	102.68	
7-23-23		56564	6.98	24.48	23.53	102.72	*
7-23-23		56565	6.72	24.17	24.61	103.12	*
7-23-23		56566	6.62	24.09	24.86	103.11	*
Nutrien Ag Solutions - Waverly Waverly ,KY							
4-15-22		55527	4.72	14.95	22.84	101.67	*
4-15-22		55528	5.12	16.07	21.03	102.23	*
4-15-22		55529	4.95	14.82	22.62	101.61	*
4-15-22		55530	4.84	14.91	22.32	100.88	*
4-15-22		55531	4.65	14.97	22.73	101.28	*

Highlighted values 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
4-15-22		55532	4.48	15.07	22.64	100.82	*
6-20-29		55533	5.73	20.03	29.6	100.09	*
6-20-29		55534	6.00	20.61	29.5	101.76	*
6-20-29		55535	6.01	20.25	30.06	101.93	*
6-20-29		55536	5.73	19.63	30.39	100.51	*
6-20-29		55537	5.28	17.50	32.16	97.87	*
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Nutrien Ag Solutions Inc Henderson ,KY							
32-00-00		57829	32.46			102.08	*
32-00-00	'32-0-0	57830	32.25			100.78	
32-00-00	'32-0-0	57831	32.36			101.12	
32-00-00	'32-0-0	57832	32.38			101.19	
32-00-00	'32-0-0	57833	31.66			98.94	
32-00-00		57834	31.87			100.22	*
32-00-00	'32-0-0	57835	31.67			98.97	
31-00-00		57843	32.21			102.29	*
32-00-00	'32-0-0	57844	32.32			101	
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Oregon Ag, LLC. Lititz ,PA							
10-10-10	'Super Start with Potash	55948	8.54	6.07	8.73	77.16	*
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Organic Laboratories Inc Fort Pierce ,FL							
4-2-6	'Plant Doctor Tomato Maker	55888	8.20	3.02	6.87	158.11	*
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Otis Bryant & Son, Inc. Caneyville ,KY							
19-19-19		56536	20.44	19.33	18.19	101.83	
19-19-20		56537	20.10	20.96	19.66	104.83	
19-19-20		56538	19.92	18.55	21.11	102.01	
19-19-20		56539	18.81	20.02	20.83	102.09	
20-00-27		56540	19.87		28.13	102.23	*
22-17-18		56541	18.25	14.32	26.54	98.98	
18-18-19		56542	19.34	19.05	19.94	104.64	*
19-19-20		56543	20.72	21.78	18.05	105.42	
19-19-20		56544	19.84	20.89	20.42	105.2	
19-19-20		56545	19.59	19.88	20.67	103.19	
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Paducah-McCracken Riverport Authority Paducah ,KY							
23-17-17		57275	23.50	17.93	16.53	103.04	
23-17-17		57276	22.68	16.07	18.46	100.55	
14-6-38		57277	14.51	6.8	36.90	102.99	
14-6-38		57278	13.98	5.85	38.28	101.91	
9-23-30		57530	9.05	23.5	30.88	102.19	

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
9-23-30		57531	8.70	22.85	31.67	101.36	
10-26-26		57539	10.06	26.37	26.35	100.55	
10-26-26		57540	10.00	26.89	27.13	102.36	
9-23-30		57657	8.94	23.8	28.26	99.01	
9-23-30		57658	8.60	22.97	31.46	101.09	
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Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL							
2-4-3	'HG 2-4-3	55333	2.63	4.08	3.15	110.91	*
2-4-3	'Coop Poop All Purpose Garden Food	57639	3.37	4.4	4	131.41	*
1-00-00	'Dave Thompson s Organic Worm Castings	57828	0.80			80	*
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Pinnacle Ag - Franklin Franklin ,KY							
9-23-23		55400	9.45	23.61	23.54	102.53	*
9-23-23		55401	9.01	23.15	23.29	100.25	*
00-26-26		55493		27.31	26.46	103.47	
00-26-26		55494		26.52	28.15	104.57	
6-16-14		55495	7.08	16.95	15.22	107.03	
6-16-14		55496	7.02	17.99	14.85	109.01	
19-31-00		56317	18.91	28.17		94.96	*
19-31-00		56318	18.83	29.8		97.95	*
21-20-17		56437	21.88	20.58	16.14	102.28	
21-20-17		56438	21.32	19.66	17.81	101.71	
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Pinnacle Ag - Fancy Farm Fancy Farm ,KY							
6-16-21		55550	6.19	15.88	20.26	99.15	
6-16-21		55551	6.71	16.19	21.27	103.51	
6-16-21		55552	6.45	16.45	21.09	103.02	
6-16-21		55553	6.00	16.38	21.18	101.65	
7-00-39		56399	6.96		41.71	104.25	*
7-17-22		56607	6.54	16.58	22.91	98.54	*
7-17-22		56608	6.48	16.57	24.42	101.05	*
26-4-16		57006	25.45	4.63	17.24	100.34	*
24-7-17		57655	22.48	7.22	20.07	103.73	*
24-7-17		57656	24.01	7.65	18.03	105.1	*
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Pinnacle Ag - Glasgow Glasgow ,KY							
18-18-18		56094	18.23	19.09	18.29	103.22	*
16-11-15		56095	16.26	12.1	15.74	103.61	
16-11-15		56096	16.52	12.01	15.85	104.3	
16-11-15		56097	16.36	12.43	16.44	106.02	
16-11-15		56098	16.54	11.77	17.43	106.64	

Highlighted values 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		56252	27.19	11.5	16.8	101.86	
16-11-15		56253	16.83	11.91	16.16	105.47	
16-11-15		56254	16.72	12.69	15.35	105.63	
16-11-15		56255	17.13	11.88	15.86	105.66	
16-11-15		56256	15.94	11.79	16.53	103.4	
Pinnacle Ag - Hartford Hartford ,KY							
9-23-30		56503	8.71	23.43	31.6	102.34	
9-23-30		56504	8.49	23.32	33.36	104.05	
9-23-30		56505	8.80	22.67	32.87	102.83	
9-23-30		56506	9.01	23.34	31.87	103.14	
43-00-00		57709	43.24			100.32	*
43-00-00		57710	43.18			100.19	*
43-00-00		57711	42.57			98.77	*
25-15-14		57779	23.82	16.65	14.17	103.07	
12-31-17		57780	12.38	31.38	17.28	102.81	
26-18-10		57781	25.75	18.13	10.94	101.06	
Pinnacle Ag - Russellville Russellville ,KY							
8-24-25		55394	7.95	24.22	25.59	101.5	*
8-24-25		55395	8.23	24.63	25.49	102.77	*
8-24-25		55396	7.96	23.39	25.9	100.39	*
2-22-22		55397	1.72	21.68	24.35	102.8	*
9-23-23		55398	8.96	22.87	24.62	101.57	*
9-23-23		55399	8.55	22.33	25.57	100.99	*
9-24-24		55497	9.32	24.63	24.72	101.93	*
16-18-16		55869	15.62	18.34	16.9	102.33	*
16-18-16		55870	15.71	18.88	17	103.85	*
16-18-16		55871	15.38	19.01	15.98	101.76	*
Pinnacle Agriculture Memphis ,TN							
18-46-00 'DAP		55171	17.67	45.96		99.36	
00-00-60 'MP		55172			59.92	99.87	
18-46-00 'DAP		55173	17.89	45.93		99.7	
00-00-60 'MP		55174			60.37	100.62	
00-46-00 'TSP		55203		45.73		99.41	
00-00-60 'MOP		55204			60.11	100.18	
18-46-00 'DAP		55205	18.08	45.17		98.91	
18-46-00 'DAP		55206	18.07	45.50		99.38	
18-46-00 'DAP		55222	18.08	46.27		100.54	

Highlighted values 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	55223			60.60	101	
00-00-60	'MP	55224			59.17	98.62	
00-46-00	'TSP	55225		45.16		98.17	
00-00-60	'MOP	55226			60.23	100.38	
00-00-60	'MOP	55227			60.53	100.88	
18-46-00	'DAP	55228	18.07	45.71		99.69	
18-46-00	'DAP	55229	17.84	46.02		99.75	
18-46-00	'DAP	55230	17.98	45.18		98.75	
00-46-00	'TSP	55231		46.42		100.91	
Pinnacle Agriculture Distribution Inc Loveland ,CO							
00-00-60	'MOP	55637			60.42	100.7	
46-00-00	'Urea	55638	46.20			100.43	
18-46-00	'DAP	55639	18.71	45.71		100.74	
21-00-00	'AMS	55647	21.35			101.67	*
00-00-60	'MOP	55648			61.30	102.17	
00-00-60	'MOP	55649			61.53	102.55	
18-46-00	'DAP	55650	17.78	45.32		98.6	
18-46-00	'DAP	55651	17.58	45.62		98.72	
46-00-00	'Urea	55652	46.12			100.26	
46-00-00	'Urea	55653	45.83			99.63	
21-00-00	'AS	55862	20.47			97.48	*
18-46-00	'DAP	55863	17.43	45.53		98.33	
18-46-00	'DAP	55864	17.83	46.93		101.13	
00-00-60	'MP	55865			59.77	99.62	
00-00-60	'MP	55866			60.64	101.07	
46-00-00	'Urea	55867	46.09			100.2	
00-00-22	'K-Mag	55868			23.53	109.44	*
21-00-00	'AS	56495	20.93			99.67	*
46-00-00	'Urea	56496	46.03			100.07	
00-00-50	'SP	56497			49.2	98.4	
18-46-00	'DAP	56498	17.43	45.67		98.55	
00-00-60	'MP	56499			60.73	101.22	
00-00-60	'MP	56500			62.47	104.12	
00-46-00	'TSP	56501		46.49		101.07	
21-00-00	'AS	56601	21.03			100.14	*
18-46-00	'DAP	56602	17.73	46.57		100.42	
18-46-00	'DAP	56603	17.82	45.16		98.42	

Highlighted values 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	56604			60.27	100.45	
00-00-60	'MP	56605			60.14	100.23	
46-00-00	'Urea	56606	46.11			100.24	
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Plantation Products, Inc. Norton ,MA							
4-4-4	'Superthrive All-Purpose Organic	55854	5.74	4.78	5.42	132.95	*
4-4-4	'Superthrive	56168	4.065	2.725	3.30	84.84	*
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Pleasant View Agri-Service Auburn ,KY							
26-21-00		56879	26.78	20.65		100.2	
18-18-18		56880	18.15	18.82	17.11	102.42	
18-17-17		56881	18.52	19.73	15.46	103.61	
18-18-18		56882	18.72	17.88	16.94	101.47	
18-18-18		56883	17.87	18.05	18.56	102.47	
18-18-18		56884	18.05	17.79	17.68	100.97	
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Pro Ag Sales & Service - Danville Danville ,KY							
19-19-19	'19-19-19	56368	19.03	22.11	18.68	105.41	
46-00-00	'Urea	56796	46.20			100.43	
6-12-12	'6-12-12	56797	6.10	12.04	11.36	98.83	
19-19-19	'19-19-19	56798	17.68	19.06	19.15	97.62	
46-00-00	'Urea	56823	46.02			100.04	
18-46-00	'DAP	56824	17.54	45.78		98.9	
00-00-60	'MOP	56825			59.35	98.92	
21-00-00	'AS	56826	20.92			99.62	*
19-19-19	'Pro Ag	56827	19.53	18.56	19.37	100.77	
39-00-00		57271	39.22			99.59	*
13-13-13		57272	14.00	14.38	12.94	106.57	*
13-13-13		57273	13.85	14.61	13.25	107.37	*
32-8-11		57466	32.13	8.3	10.28	99.92	
23-00-30		57467	22.83		30.96	101.09	
6-7-29		57468	7.39	8.3	29.31	106.25	*
35-00-14		57469	34.23		16.4	103.21	
16-3-6		57470	16.69	3.91	7.96	112.33	*
16-3-6		57471	16.41	3.38	7.59	107.89	*
30-12-10		57472	30.13	11.73	11.12	100.48	
10-10-10	'Pro Ag	57485	11.20	11.94	13.2	119.79	
10-20-20	'Pro Ag	57486	10.23	21.1	19.86	102.74	
15-15-15	'Pro Ag	57487	15.58	17.51	16.34	109.72	
19-19-19	'Pro Ag	57488	18.39	18.77	20.45	100.3	

Highlighted values 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	'Pro Ag	57726	8.39	9.23	9.74	90.36	
19-19-19	'Pro Ag	57727	17.12	17.76	21.76	97.62	
Pro Solutions - Crofton Crofton ,KY							
6-17-19		55415	6.16	17.33	19.43	104.58	*
6-17-19		55416	6.24	17.2	19.69	105.01	*
7-22-29		55417	7.20	22.8	28.74	102.04	*
7-22-29		55418	6.95	22.39	29.24	101.42	*
9-24-26		55419	8.18	25.08	26.37	101.09	*
10-25-27		56262	10.20	25.62	26.99	101.06	
10-25-27		56263	9.26	23.95	29.46	99.47	
10-26-26		56520	10.65	25.89	26.11	100.71	
10-26-26		56521	10.56	28.04	26.55	104.93	
23-17-17		56522	23.07	17.76	23.5	111.21	
Pro Solutions - Springfield Springfield ,TN							
18-46-00	'DAP	55253	17.92	45.58		99.24	
18-46-00	'DAP	55254	17.76	47.77		102.2	
12-40-00	'MES Z	55255	10.80	38.72		95	*
00-00-60	'MP	55256			58.82	98.03	
12-40-00	'MES 10	55257	12.27	40.68		101.85	*
00-00-60	'MP	55258			59.25	98.75	
18-46-00	'DAP	55666	17.70	45.71		99.06	
18-46-00	'DAP	55667	17.74	46.03		99.61	
46-00-00	'Urea	55668	46.01			100.02	
10-38-00	'MES Z	55669	10.27	40.38		105.46	*
46-00-00	'Urea	55670	46.04			100.09	
12-40-00	'MES 10	55671	11.93	40.10		100.04	*
00-00-60	'MOP	55672			60.64	101.07	
32-00-00	'32% UAN	56519	31.98			99.94	
11-16-23		56553	10.80	16.73	25.69	105.37	*
11-16-23		56828	10.90	15.96	23.47	100.26	*
13-18-21		56829	12.22	17.52	20.2	98.04	*
12-16-22		57239	11.77	15.62	22.13	100.79	*
12-16-22		57240	11.52	14.86	21.64	97.65	*
Reliance Ag - Russellville Russellville ,KY							
9-24-24		55447	8.99	23.5	25.25	100.57	*
9-24-24		55448	9.57	24.4	24.07	101.86	*
9-24-24		55449	8.73	23.04	25.01	98.78	*

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
9-24-24		55450	9.46	24.87	23.17	101.2	*
9-24-24		55451	9.18	23.84	25.02	101.31	*
9-24-24		55452	8.73	24.16	25.15	101.09	*
10-26-20		55498	10.19	27.35	20.84	102.52	*
9-24-28		56078	9.61	23.45	29.93	100.9	
24-14-18		56079	22.62	14.61	19.66	101.38	
10-26-27		56080	10.57	26.15	25.75	100.98	
10-26-27		56081	9.94	25.77	26.44	99.97	
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Reliance Ag - Trenton Trenton ,KY							
5-24-32		55425	5.08	24.98	31.63	100.64	
5-24-32		55426	5.22	25.40	31.42	101.4	
6-29-26		55427	6.07	29.57	26.77	100.96	
5-26-30		55428	5.58	26.26	29.92	101.37	
5-26-30		55429	5.20	25.43	30.32	99.6	
5-26-30		55430	5.44	25.4	29.72	99.23	
5-26-30		55431	5.49	27.12	28.54	100.81	
5-26-30		55432	5.53	25.69	30.16	100.56	*
5-26-30		55433	5.50	26.67	30.4	102.61	*
6-28-28		55466	6.30	27.53	27.78	100.22	
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Rhodes Farm Supply Scottsville ,KY							
19-19-19	'19-19-19	55657	19.33	20.07	19.73	103.66	
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Rip's Farm Center - Tollesboro Tollesboro ,KY							
12-12-12	'Rip s 12-12-12	55189	12.30	15.41	10.65	107.68	
46-00-00	'Urea	56703	46.08			100.17	
18-46-00	'DAP	56704	17.38	44.91		97.31	
00-00-60	'MP	56705			59.32	98.87	
19-19-19	'Rip s Farm Center	56706	19.07	20.09	20.05	103.6	
19-19-19	'Rip s Farm Center	56707	18.15	22.24	19.22	104.59	
12-12-12	'Rip s Farm Center	56708	11.55	13.47	12.14	103.18	
10-10-10	'Rip s Farm Center	56709	9.32	11.64	9.26	101.24	
19-19-19	'Rip s Farm Center	56710	19.21	20.37	18.76	102.65	
10-20-20	'Rip s Farm Center	56711	10.52	22.08	20.28	106.26	
10-20-20	'Rip s Farm Center	56712	10.80	22.25	19.65	106.29	
18-46-00	'DAP	56713	17.51	46.16		99.43	
00-00-60	'MP	56714			60.32	100.53	
19-19-19	'Rip s Farm Center	57128	18.02	19.33	19.99	99.96	
19-19-19	'Rip s Farm Center	57241	18.80	18.73	19.46	99.72	

Highlighted values 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	'Rips Farm Center	57246	9.16	11.84	9.98	103.19	
10-20-20	'Rips Farm Center	57247	10.26	19.86	21.21	102.26	
12-12-12	'Rip s Farm Center	57480	12.23	14.73	13.92	112.92	
19-19-19	'Rip s Farm Center	57481	19.40	18.53	17.30	97.63	
18-46-00	'DAP	57716	17.92	45.62		99.29	
00-00-60	'MP	57717			61.51	102.52	
12-12-12	'Rip s Farm Center	57718	12.22	12.94	12.66	104.9	
10-10-10	'Rip s Farm Center	57719	10.45	10	10.12	102.06	
19-19-19	'Rip s Farm Center	57720	18.52	20.74	18.68	101.82	
9-23-30		57721	9.19	23.3	29.4	100.13	
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Rip's Farm Center - Wrigley West Liberty ,KY							
19-19-19		57129	19.18	21	19.05	102.18	
19-19-19		57130	19.62	16.92	20.01	96.9	
19-19-19		57131	18.95	19.68	20.39	101.1	
16-5-5		57132	15.62	5.38	5.1	102.78	
18-46-00	'DAP	57133	17.74	45.32		98.53	
00-00-60	'MP	57134			61.14	101.9	
23-00-00		57242	23.46			102	
23-00-00		57243	22.67			98.57	
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Rogers Fertilizer & Services LLC Lebanon ,KY							
21-00-00	'AS	55832	20.79			99	*
00-00-60	'MOP	55833			60.32	100.53	
46-00-00	'UREA	55834	46.13			100.28	
18-46-00	'DAP	55835	18.01	46.04		100.08	
41-00-00		57090	40.76			100.25	*
41-00-00		57091	39.94			98.23	*
41-00-00		57092	40.05			98.5	*
31-00-00		57093	31.79			103.65	
00-00-60	'MOP	57094			60.44	100.73	
21-15-20		57095	20.98	15.35	21.19	101.06	
27-8-10		57402	26.86	8.12	10.9	100.95	*
2-00-20		57403	2.09		21.44	109.73	*
13-19-19		57404	12.62	19.57	19.81	100.16	*
22-10-19		57464	22.02	10.13	18.84	100.84	*
16-12-8		57465	16.33	11.86	7.75	101.92	
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Rootblast International INC Canton ,OH							
2-1-2	'Root Blast	55902	1.98	1.82	1.97	116.65	*

Highlighted values 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
Scotts Miracle-Gro Products Inc Marysville ,OH							
24-8-16	'Miracle Gro All Purpose	56435	25.03	8.6	16.37	104.35	*
24-8-16	'Miracle Gro All Purpose Plant Food	57327	23.84	9.37	18.7	106.89	*
12-4-8	'Miracle Grow All Purpose Plant Food	57802	12.19	4.24	7.99	101.92	*
Security Seed & Chemical - Clarksville Clarksville ,TN							
6-15-40		55381	6.24	15.93	40.92	102.99	
9-23-30	'9-23-30	55382	9.53	25.56	29.83	105.39	
9-23-30	'9-23-30	55383	9.86	25.82	29.56	106.18	
Seventy Feeds LLC Eubank ,KY							
9-23-30		56129	9.08	24.21	29.28	101.4	
19-19-19		56939	19.56	18.87	20.22	100.7	
19-19-19		56940	18.75	18.98	20.57	99.72	
28-00-24		56941	27.92		24.02	100.76	
19-19-19		56942	19.65	20.7	19.84	103.58	
23-00-30		56943	22.74		29.99	99.72	
South Central Farm Supply Gamaliel ,KY							
20-19-19		56203	18.39	19.03	21.78	100.51	
31-00-20		56204	29.87		21.89	101.05	
31-00-20		56205	30.16		21.4	100.96	
20-19-19		56209	18.69	21.1	20.78	103.75	
22-8-25		56210	21.79	7.76	26.45	101.46	
28-12-15		56211	27.04	11.92	15.98	101.2	
27-11-15		56212	27.40	12.44	15.33	103.31	
20-19-19		56213	19.40	20.82	19.34	102.73	
20-19-19		56214	20.39	20.64	18.28	102.97	
20-19-19		56215	20.17	20.14	18.4	101.58	
Southern FS Inc - Hickman Hickman ,KY							
19-29-00		55513	19.59	31.06		104.56	*
19-29-00		55514	18.83	29.41		99.65	*
19-29-00		55515	19.58	29.84		102.2	*
16-12-22		56356	16.37	13.17	23.3	104.38	*
11-18-24		56357	11.08	18.94	25.96	103.35	*
11-18-24		56358	11.38	19.39	25.9	104.87	*
11-18-24		56359	11.23	18.58	25.92	102.89	*
11-18-24		56360	11.79	19.45	24.24	103.41	*
12-18-23		57185	11.04	18.01	24.47	100.23	*
12-18-23		57186	10.79	17.05	25.04	98.52	*
12-18-23		57187	11.64	17.07	25.05	100.53	*

Highlighted values 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 FS, INC Marion ,IL							
00-00-60	'MP	55508			61.43	102.38	
18-46-00	'DAP	55509	17.77	46.63		100.53	
00-00-60	'MP	55510			59.64	99.4	
21-00-00	'AS	55511	21.21			101	*
12-40-00	'MES 10	55512	11.11	40.16		98.34	*
00-00-60	'MP	56350			59.27	98.78	
18-46-00	'DAP	56351	17.2	45.36		97.69	
34-00-00	'AN	56352	34.47			101.38	
00-00-60	'MP	56353			60.47	100.78	
21-00-00	'AS	56354	20.61			98.14	*
12-40-00	'MES 10	56355	11.98	41.77		103.29	*
00-00-60	'MP	56732			60.43	100.72	
18-46-00	'DAP	56733	17.62	46.35		99.9	
46-00-00	'Urea	56734	46.09			100.2	
00-00-60	'MP	57532			60.67	101.12	
46-00-00	'Urea	57533	46.16			100.35	
18-46-00	'DAP	57534	17.61	46.53		100.15	
18-46-00	'DAP	57535	17.50	46.36		99.71	
00-00-60	'MP	57536			61.78	102.97	
00-00-60	'MP	57537			61.09	101.82	
46-00-00	'Urea	57538	46.17			100.37	
Southern States - Bowling Green Bowling Green ,KY							
28-12-15		56082	27.73	11.02	16.21	101.25	
19-9-28		56083	19.33	10.09	27.18	101.37	
26-23-00		56084	26.06	23.21		101.07	*
14-37-12		56085	14.32	36.19	13.67	100.86	
14-37-12		56086	14.19	36.06	12.47	98.98	
14-37-12		56087	14.60	36.47	12.69	100.64	
32-23-00		56088	31.62	23.33		100.07	
19-19-19		56319	18.02	19.95	21.43	101.14	
14-20-26		56321	15.19	20	25.6	102.21	
14-20-26		56322	14.91	20.87	25.65	103.31	
Southern States - Cadiz Cadiz ,KY							
29-13-13		55221	28.52	13.42	13.15	101.93	
7-18-32		55554	7.04	18.25	30.91	99.05	*
7-18-32		55555	6.99	18.41	31.37	99.93	*

Highlighted values 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		56122	18.83	19.28	21.05	100.95	
24-16-16		56123	23.56	16.23	16.2	99.86	
19-19-19		56516	19.89	20.11	20.37	103.73	
19-19-19		56517	19.91	18.71	20.48	101.37	
19-20-19		56518	19.60	21.2	19.75	104.18	
30-12-12		56527	29.87	12.63	12.39	102.54	
28-18-9		56528	27.88	17.26	9.6	98.71	
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Southern States - Calhoun Calhoun ,KY							
9-23-30		57782	9.11	22.55	31.57	101.5	
8-13-32		57783	8.17	12.58	33.49	103.05	*
7-17-38		57784	6.79	16.86	37.8	99.96	
9-23-30		57785	9.22	23.75	29.8	101.5	
10-19-24		57787	9.71	16.78	26.81	98.91	*
11-19-24		57788	10.74	18.94	23.98	100.71	*
28-10-12		57789	27.46	9.73	13.02	100.97	*
28-10-13		57790	27.68	9.74	13.69	101.04	*
6-15-40		57810	5.66	14.64	39.69	97.48	
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Southern States - Campbellsville Campbellsville ,KY							
20-00-22		57423	19.96		22.27	100.03	*
9-23-30		57603	9.23	23.89	29.9	101.95	
10-15-30		57683	6.04	16.19	36.96	104.53	*
20-20-17		57684	20.67	21.27	17.41	102.59	
20-20-17		57685	20.62	20.82	17.07	101.22	
10-14-28		57686	5.56	14.91	38.32	106.53	*
8-21-33		57748	8.29	20.49	33.6	100.61	
8-21-33		57749	8.32	21.35	33.12	101.62	
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Southern States - Carlisle Carlisle ,KY							
7-7-7		56913	6.62	6.43	6.7	99.46	
19-19-19		56914	18.78	19.59	20.06	100.11	
19-19-19		56915	19.09	19.57	19.8	100.37	
16-8-16		57248	16.08	8.54	17.96	105.71	
10-25-27		57249	9.90	24.93	29.92	103.35	
4-10-47		57508	4.09	10.71	48.61	104.6	*
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Southern States - Cynthiana Cynthiana ,KY							
31-00-20		56715	30.63		21.94	102.86	
29-00-23		56717	28.50		24.17	102	
28-0-16		56718	28.04	0.33	16.92	101.41	*

Highlighted values 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		56927	30.14		20.64	99.77	
32-00-18		56928	32.20		17.26	98.8	
23-00-30		56929	23.43		29.92	100.86	
23-00-30		56930	22.90		28.93	98.12	
31-11-11		56931	30.64	11.28	11.37	100.48	
9-00-48		56932	9.23		46.25	97.26	
26-8-20		56934	26.49	7.81	20.41	101.89	
Southern States - Elizabethtown Elizabethtown ,KY							
9-23-30		55420	8.53	22.27	30.3	97.86	
17-21-21		56298	17.05	20.11	21.87	101.44	
17-21-21		56299	16.76	21.49	20.84	102	
6-16-39		56300	6.53	16.51	39.57	102.4	
24-16-16		56301	23.97	16.15	16.92	101.48	
25-12-12		56302	25.95	12.91	10.68	101.11	
19-19-19		56303	20.12	20.56	20.06	104.61	
19-19-19		56304	19.77	20.02	19.88	102.7	
24-16-16		56305	23.74	16.72	17.06	102.25	
24-16-16		56312	22.84	19.2	16.59	104.38	
23-12-21		56313	23.58	12.19	21.09	102.54	
Southern States - Elkton Elkton ,KY							
12-31-20		55463	11.63	29.67	20.14	97.79	
10-26-26		55464	10.16	26.53	25.92	100.42	
7-18-27		55872	7.13	18.76	27.07	103.46	*
24-10-14		55873	23.42	10.97	15.48	102.47	*
24-10-14		55874	23.65	10.39	16.48	103.34	*
28-8-16		56179	28.89	8.97	16.54	102.57	
9-24-29		56180	9.47	25.04	30.09	104.23	
21-27-11		56181	21.88	27.8	10.68	102.24	
27-11-16		56182	26.95	11.8	15.74	101.29	
25-13-17		56183	26.03	13.53	16.36	102.12	
Southern States - Eminence Eminence ,KY							
20-00-13		56162	19.47		13	99.33	
22-00-32		56810	22.54		31.71	101.95	
22-00-32		56811	21.83		31.87	100.54	
39-00-9		56813	38.90		8.99	99.45	
30-8-15		56814	30.36	7.25	14.64	99.73	
36-00-13		56815	35.90		13.28	100.19	

Highlighted values 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
23-15-18		56816	22.93	15.75	17.45	100.31	
19-19-19		57544	18.56	19.67	21.33	101.55	
19-20-19		57549	18.93	20.1	20.95	102.22	
5-14-42		57550	5.06	13.24	43.55	100.66	*
17-11-26		57551	17.50	10.92	27.92	102.65	*
Southern States - Flemingsburg Flemingsburg ,KY							
18-10-14		57376	17.67	10.35	13.64	99.66	
18-10-14		57377	18.06	10.25	13.7	100.6	
6-15-00		57378	6.03	15.06		99.24	
25-8-15		57379	24.67	7.72	17.08	102.9	*
25-8-15		57380	24.75	7.44	16.17	101.03	*
25-8-15		57381	24.31	7.86	15.31	99.52	*
27-00-00		57382	26.25			97.58	
3-9-19		57383	3.76	8.18	19.06	100.6	
3-9-19		57384	3.76	8.38	19.59	102.85	
29-12-13		57385	28.59	12.17	13.05	99.78	
Southern States - Franklin Franklin ,KY							
8-20-27		55392	8.28	21.37	25.76	102.1	*
8-20-27		55393	8.22	20.8	27.56	103.58	*
10-26-23		55434	9.94	27.03	23.56	102.51	*
10-26-23		55435	10.56	25.85	23.31	101.38	*
10-26-23		55436	10.62	26.78	22.72	102.37	*
10-26-23		55437	10.47	25.06	24.03	100.25	*
10-26-23		55438	10.30	25.63	24.5	101.55	*
10-25-25		55439	9.48	25.99	25.37	102.46	*
10-25-25		55440	9.53	25.1	25.24	100.78	*
10-26-23		55441	10.75	27.94	21.65	102.73	*
Southern States - Georgetown Georgetown ,KY							
28-00-24		57017	27.42		23.51	98.84	
28-00-24		57018	26.56		24.88	98.96	
4-0-45		57019	4.48	0.39	43.78	99.4	*
4-0-45		57020	4.29	0.37	45.35	101.85	*
30-00-20		57025	30.40		21.03	101.02	
9-3-7		57027	8.78	2.95	7.37	100.46	
31-00-20		57031	30.31		20.76	100.33	
36-0-00		57032	35.94	0.45		100.14	*
9-3-7		57033	9.44	2.77	6.56	100.19	

Highlighted values 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
38-00-00		57478	39.12			101.61	*
38-00-00		57479	38.75			100.65	*
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Southern States - Glasgow Glasgow ,KY							
19-19-19		56099	19.24	19.17	20.71	101.18	
19-19-19		56100	19.44	19.96	20.5	102.77	
27-14-14		56101	26.98	13.87	15.42	102.34	
15-16-28		56102	15.36	16.11	29.1	102.65	
24-16-16		56103	23.61	17.53	17.54	104.02	
24-12-18		56104	22.98	12.61	20.88	101.1	
27-14-14		56105	26.95	15.58	14.81	104.62	
19-19-19		56106	19.10	20.46	19.98	102.3	
19-19-19		56107	19.58	19.95	19.95	102.27	
19-19-19		56108	19.13	19.75	20.6	101.87	
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Southern States - Hardinsburg Hardinsburg ,KY							
20-10-13		56983	20.39	10.13	14.44	103.18	*
13-22-26		57034	12.83	21.17	26.41	99.63	
20-10-13		57035	20.29	10.06	13.79	101.71	*
24-16-16		57039	24.40	15.71	15.98	100.29	
10-25-27		57040	10.20	24.76	27.24	100.03	
10-25-27		57041	9.95	25.04	27.11	99.88	
19-20-19		57042	19.57	19.14	19.8	100.42	
24-16-16		57043	23.91	15.4	17.4	100.71	
22-20-16		57044	21.45	19.99	16.31	100.17	
25-15-15		57045	25.39	15.59	14.68	100.69	
25-15-15		57046	24.44	15.2	16.11	99.94	
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Southern States - Harrodsburg Harrodsburg ,KY							
20-00-27		57589	19.93		28.49	103.12	*
19-23-17		57590	18.74	24.11	17.48	102.18	
38-00-10		57591	38.24		10.66	100.78	
18-13-26		57592	18.60	14.78	25.84	103.99	
23-00-30		57593	23.25		31.39	102.74	
31-00-20		57594	30.40		21.05	100.98	
20-23-15		57595	20.09	24.43	15.95	102.97	
20-00-27		57700	20.53		28.32	104.41	*
20-00-27		57701	19.81		27.82	101.62	*
1-00-6		57702	1.10		5.98	101.8	
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Southern States - Henderson Henderson ,KY							

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-20-27		57441	10.36	20.95	26.27	100.8	*
9-23-30		57452	8.80	23.15	29.64	99.41	
9-23-30		57453	8.78	22.84	30.13	99.67	
9-23-30		57454	9.08	23.12	29.84	100.29	
9-23-30		57455	9.16	23.17	29.9	100.5	
9-23-30		57456	9.02	23.46	29.36	100	
9-23-30		57457	8.865	22.86	28.24	97.24	
9-20-23		57610	9.33	19.75	22.53	100.61	*
9-19-23		57611	9.47	19.96	22.95	102.21	*
9-20-22		57612	9.45	19.57	22.77	101.06	*
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Southern States - Hodgenville Hodgenville ,KY							
31-25-00		56282	29.65	26.26		99.9	
16-25-9		56283	16.51	25.88	9.45	103.73	*
8-20-26		56288	8.41	19.84	28.71	103.91	
19-19-19		56289	19.80	20	19.41	102.08	
20-20-19		56290	20.16	20.56	19.08	103.14	
26-17-13		56291	27.56	17.15	12.38	103.1	
17-22-13		56292	16.12	23.5	13.64	101.96	*
19-19-19		56293	18.95	21.87	19.32	103.69	
38-00-00		56294	34.96			92.81	*
38-00-00		56295	36.80			97.69	*
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Southern States - Hopkinsville Hopkinsville ,KY							
15-19-22		55950	14.72	19.18	20.9	98.92	*
8-17-8		56113	8.78	17.35	9.05	103.25	*
21-15-20		56114	21.74	15.82	20.04	101.85	
15-15-22		56115	15.16	14.38	23.67	103.32	*
18-14-18		56116	18.39	13.75	19.06	100.53	*
20-00-3		56117	20.36		3.33	99.34	
20-00-3		56118	19.21		3.50	94.78	
16-16-15		56119	15.91	16.01	16.88	101.96	*
16-17-16		56264	16.66	16.45	16.85	101.16	*
5-13-41		56265	5.06	12.71	40.04	98.5	*
7-18-27		56266	6.99	18.31	27.2	100.98	*
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Southern States - Horse Cave Horse Cave ,KY							
9-15-36		55899	9.54	12.96	37.75	99.47	
25-11-18		55900	24.81	11.68	18.61	100.81	
18-00-36		55998	17.61		37.81	100.99	

Highlighted values 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
27-17-11		55999	26.62	17.81	12.17	101.99	
32-23-00		56000	31.35	23.36		99.39	
16-16-16		56198	16.57	17.65	17.17	105.2	
12-31-20		56199	11.75	29.27	22.31	100.03	
19-19-19		56200	19.34	18.5	21.54	101.27	
12-15-21		56201	11.22	14.72	22.84	100.41	*
24-10-20		56202	24.46	9.9	20.71	100.96	*
Southern States - Liberty Liberty ,KY							
19-19-19		57426	19.49	19.17	19.41	99.94	
19-19-19		57427	19.57	19.52	20.24	101.85	
19-19-19		57739	18.86	18.85	21.3	100.63	
19-19-19		57740	19.36	18.91	20.22	100.3	
23-00-30		57741	21.53		33.48	101.98	
19-19-19		57742	18.37	18.97	21.34	99.93	
19-19-19		57743	18.50	19.01	20.40	99.01	
26-8-17		57744	25.42	7.49	17.59	99.82	
14-8-21		57745	12.64	7.89	23.06	99.2	
14-8-21		57746	12.98	7.84	22.22	98.45	
Southern States - London London ,KY							
10-10-10	10-10-10	56130	10.45	11.13	10.5	107.03	
10-20-20		56132	12.48	26.76	22.92	125.47	
19-19-19		56133	19.11	20.62	18.92	103.13	
19-19-19		56134	19.44	19.47	20.21	101.48	
8-8-8		56135	9.07	8.88	8.15	106.64	
19-19-19		56138	19.15	19.37	19.17	100.88	
19-19-19		56139	18.90	19.29	20.77	102.75	
7-7-7		56140	7.72	7.54	7.03	113.05	
Southern States - Maysville Maysville ,KY							
16-8-8		57496	15.41	7.74	8.01	100.76	
26-10-19		57497	24.55	9.49	20.41	99.46	
17-12-21		57498	16.91	12.48	21.81	101	*
7-12-21		57499	17.28	13.59	20.53	133.75	*
33-00-16		57500	33.52		17.19	101.41	
18-13-19		57501	18.16	13.67	19.16	102.05	*
17-12-21		57502	16.95	12.51	21.8	101.14	*
17-12-21		57503	16.97	13.05	21.56	101.97	*
17-12-21		57504	16.88	13.25	21.62	102.28	*

Highlighted values 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
17-12-21		57505	16.78	13.04	22.09	102.34	*
22-10-15		57506	22.31	10.75	15.45	102.79	*
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Southern States - Morganfield Morganfield ,KY							
6-21-28		56745	6.47	21.96	28.06	101.63	*
6-21-28		56746	6.60	21.58	27.67	100.59	*
9-23-30		56747	9.07	23.12	30.4	100.89	
9-23-30		56748	8.98	23.38	29.45	99.92	
6-21-28		56756	6.42	21.12	28.99	101.21	*
6-21-29		56757	6.48	21.42	28.27	100.91	*
9-23-30		56758	8.27	23.09	31.53	100.75	
9-23-30		56759	8.68	22.94	31.52	101.28	
9-23-30		56760	8.79	23.09	30.16	99.96	
11-20-26		56853	10.90	20.02	26.97	102.94	*
11-20-26		56854	11.16	19.65	26.74	102.48	*
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Southern States - Owensboro Owensboro ,KY							
9-23-30		55897	9.29	23.67	29.91	101.68	
9-23-30		55898	9.03	23.36	30.3	101.12	
9-23-30		56561	9.00	22.65	30.74	100.35	
9-23-30		56562	8.72	22.05	30.76	98.72	
10-19-24		57613	10.16	17.62	25.81	100.17	*
10-19-24		57614	10.14	16.92	24.74	97.01	*
20-19-19		57615	19.74	21.20	17.36	101.57	
10-19-24		57616	10.41	19.07	24.52	102.1	*
10-19-24		57617	10.41	19.17	23.93	101.4	*
10-14-17		57618	9.90	13.79	18.35	102.37	*
10-14-17		57619	9.73	13.45	16.89	98.08	*
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Southern States - Owenton Owenton ,KY							
40-10-00		56621	39.98	9.78		99.51	
00-00-56		56622			54.08	96.73	*
31-9-12		56623	31.74	8.7	11.89	100.02	
28-00-22		56624	27.28		21.75	98.93	
37-00-12		56625	36.60		12.9	100.89	
19-19-19		56626	19.74	20.22	19.2	102.02	
19-20-19		56627	19.60	18.88	19.77	99.96	
31-9-12		56628	30.61	9.19	12.26	99.99	
6-5-6		56629	5.69	4.53	6.57	100.47	*
27-14-14		56630	26.86	14.22	14.02	100.57	

Highlighted values 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 - Owingsville Owingsville ,KY							
19-19-19		56033	19.39	20.17	20.33	102.8	
19-19-19		56916	19.33	18.96	20.01	100.03	
26-14-14		56917	25.92	14.68	15.04	100.81	
10-10-10		56918	9.81	10.11	9.81	103.44	
25-15-15		56919	23.88	16.37	16.05	100.87	
19-19-19		56920	19.22	19.94	19.89	101.44	
12-24-24		56921	12.59	25.14	24.18	101.29	
10-10-10		56922	9.73	9.85	9.24	101.25	
27-13-13		56923	28.33	13.13	12.73	100.12	
19-19-19		56924	19.71	19.43	19.55	101.03	
19-19-19		56925	20.13	19.7	18.89	101.48	
Southern States - Richmond Richmond ,KY							
4-0-20		57294	4.18	0.93	20.74	110.27	*
4-0-20		57295	3.69	0.84	20.51	106.03	*
4-0-20		57298	3.86	0.85	19.4	102.75	*
4-0-20		57299	3.57	0.86	19.74	102.43	*
25-11-18		57300	24.99	10.77	18.49	99.51	
9-23-30		57301	8.90	22.76	29.58	98.65	
10-26-26		57473	10.38	26.01	27.12	101.62	
19-19-19		57474	19.56	19.68	20.2	102.08	
19-19-19		57475	19.38	18.84	20.22	100.22	
13-33-17		57477	12.65	32.96	17.73	100.51	
Southern States - Richmond VA Richmond ,VA							
00-00-60 'MOP		55136			59.91	99.85	
00-00-60 'MOP		55137			60.20	100.33	
00-00-60 'MOP		55138			60.55	100.92	
18-46-00 'DAP		55139	17.47	45.69		98.6	
00-00-22 SPM		55140			23.09	104.95	*
00-00-60 'MOP		55141			60.22	100.37	
00-00-60 'MOP		55142			60.47	100.78	
18-46-00 'DAP		55143	17.49	45.78		98.77	
18-46-00 'DAP		55144	17.61	45.46		98.51	
18-46-00 'DAP		55154	17.74	45.74		99.15	
18-46-00 'DAP		55155	17.63	45.95		99.27	
46-00-00 'Urea		55156	46.12			100.26	
00-00-60 'MOP		55157			59.74	99.57	
00-00-60 'MOP		55158			59.88	99.8	

Highlighted values 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	55159			59.87	99.78	
46-00-00	' Urea	55186	45.98			99.96	
18-46-00	' DAP	55187	17.82	46.01		99.7	
00-00-60	' MOP	55188			60.03	100.05	
00-00-60	'MP	55217			59.27	98.78	
00-00-60	'MP	55218			60.28	100.47	
18-46-00	'DAP	55219	17.64	46.43		100	
18-46-00	'DAP	55220	17.94	46.07		100	
18-46-00	'DAP	55260	17.57	45.64		98.71	
21-00-00	'AS	55261	20.54			97.81	*
00-00-60	'MP	55262			59.72	99.53	
18-46-00	'DAP	55263	17.77	45.28		98.53	
00-00-60	'MP	55264			59.20	98.67	
00-00-60	'MP	55265			59.76	99.6	
00-00-60	'MP	55266			59.42	99.03	
00-00-60	'MP	55273			59.75	99.58	
18-46-00	'DAP	55274	17.73	44.90		97.89	
00-00-60	'MP	55275			60.12	100.2	
00-00-60	'MOP	55283			59.33	98.88	
00-00-60	'MOP	55284			59.50	99.17	
18-46-00	'DAP	55285	17.76	46.02		99.6	
00-00-60	'MOP	55290			60.89	101.48	
00-00-60	'MOP	55291			60.04	100.07	
18-46-00	'DAP	55292	17.64	45.88		99.18	
00-00-60	'MOP	55298			59.30	98.83	
00-00-60	'MP	55308			59.16	98.6	
00-00-60	'MP	55309			60.71	101.18	
18-46-00	'DAP	55310	17.57	46.22		99.56	
18-46-00	'DAP	55311	17.28	45.92		98.61	
18-46-00	'DAP	55312	17.74	45.25		98.43	
00-00-60	'MP	55313			61.00	101.67	
18-46-00	'DAP	55324	17.77	45.58		98.97	
18-46-00	'DAP 18-46-0	55325	17.55	45.97		99.16	
20-00-00	'AS	55326	20.30			99.02	*
00-00-60	'MP	55327			61.32	102.2	
18-46-00	'DAP	55345	17.38	45.22		97.75	
18-46-00	'DAP	55346	17.75	45.05		98.15	

Highlighted values 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	55347	17.96	45.89		99.77	
00-00-60	'MP	55349			59.95	99.92	
00-00-60	'MP	55350			60.60	101	
00-00-60	'MP	55351			59.97	99.95	
00-00-60	'MP	55352			59.46	99.1	
12-40-00	'MES10	55364	11.89	41.42		102.37	*
00-46-00	'TSP	55365		46.68		101.48	
00-00-60	'MP	55366			59.53	99.22	
00-00-60	'MP	55367			60.31	100.52	
18-46-00	'DAP	55368	17.74	45.91		99.41	
21-00-00	'AS	55370	20.95			99.76	*
00-00-60	'MOP	55371			60.16	100.27	
00-00-60	'MOP	55372			60.48	100.8	
18-46-00	'DAP	55373	17.43	45.76		98.64	
18-46-00	'DAP	55374	17.36	46.18		99.13	
00-00-60	'MOP	55489			60.50	100.83	
18-46-00	'DAP	55490	17.67	45.41		98.54	
18-46-00	'DAP	55491	17.58	47.32		101.21	
00-00-60	'MOP	55492			59.29	98.82	
18-46-00	'DAP	55562	17.54	46.30		99.63	
00-00-60	'MOP	55563			59.43	99.05	
46-00-00	'Urea	55577	45.93			99.85	
46-00-00	'Urea	55578	45.99			99.98	
46-00-00	'Urea	55579	45.97			99.93	
46-00-00	'Urea	55580	46.02			100.04	
00-00-60	'MOP	55581			60.07	100.12	
00-00-60	'MOP	55582			60.21	100.35	
20-00-00	'AS	55583	20.30			99.02	*
18-46-00	'DAP	55584	17.66	46.57		100.3	
00-00-60	'MOP	55585			59.55	99.25	
00-00-60	'MOP	55589			59.43	99.05	
00-00-60	'MOP	55590			59.09	98.48	
00-00-60	'MOP	55591			59.77	99.62	
00-00-60	'MOP	55592			58.98	98.3	
18-46-00	'DAP	55593	18.03	45.30		98.99	
18-46-00	'DAP	55594	16.95	46.00		98.25	
46-00-00	'Urea	55595	46.19			100.41	

Highlighted values 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	55596	46.19			100.41	
46-00-00	'Urea	55624	46.18			100.39	
46-00-00	'Urea	55625	46.14			100.3	
21-00-00	'AS	55626	21.40			101.9	*
18-46-00	'DAP	55627	17.64	46.42		100.04	
18-46-00	'DAP	55628	17.79	45.86		99.44	
00-00-60	'MOP	55629			59.08	98.47	
00-00-60	'MOP	55630			59.11	98.52	
00-00-60	'MOP	55631			60.10	100.17	
00-00-60	'MOP	55658			59.23	98.72	
00-00-60	'MOP	55659			60.56	100.93	
46-00-00	'Urea	55660	46.15			100.33	
46-00-00	'Urea	55661	46.09			100.2	
18-46-00	'DAP	55662	17.90	45.08		98.43	
18-46-00	'DAP	55663	18.15	44.87		98.53	
18-46-00	'DAP	55664	17.73	47.90		102.44	
00-00-50	'SOP	55665			50.22	100.44	
18-46-00	'DAP	55691	18.11	47.15		101.93	
00-00-60	'MOP	55692			60.03	100.05	
46-00-00	'Urea	55693	46.04			100.09	
46-00-00	'Urea	55694	46.03			100.07	
00-00-50	'SOP	55699			49.27	98.54	
00-00-60	'MOP	55700			59.86	99.77	
00-00-60	'MOP	55701			59.62	99.37	
00-00-60	'MOP	55702			59.87	99.78	
46-00-00	'Urea	55703	46.12			100.26	
18-46-00	'DAP	55704	17.72	45.70		99.08	
18-46-00	'DAP	55705	17.68	45.56		98.8	
18-46-00	'DAP	55706	17.87	45.46		98.96	
21-00-00	'AS	55720	20.82			99.14	*
00-00-60	'MP	55721			59.73	99.55	
18-46-00	'DAP	55722	18.00	44.26		97.35	
18-46-00	'DAP	55723	18.12	45.86		99.99	
46-00-00	'Urea	55724	45.96			99.91	
46-00-00	'Urea	55725	46.01			100.02	
46-00-00	'Urea	55726	46.16			100.35	
00-00-60	'MOP	55727			59.83	99.72	

Highlighted values 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	55728	18.17	45.05		98.84	
00-00-60	'MOP	55729			59.83	99.72	
46-00-00	'Urea	55730	45.94			99.87	
46-00-00	'Urea	55747	46.11			100.24	
46-00-00	'Urea	55748	46.15			100.33	
18-46-00	'DAP	55749	17.82	45.62		99.12	
18-46-00	'DAP	55750	17.66	45.39		98.5	
00-00-60	'MOP	55751			60.67	101.12	
00-00-60	'MOP	55752			61.01	101.68	
18-46-00	'DAP	55784	17.40	45.56		98.33	
18-46-00	'DAP	55785	17.66	45.60		98.82	
46-00-00	'Urea	55786	45.98			99.96	
46-00-00	'Urea	55787	46.16			100.35	
00-00-22	'SPM	55788			22.31	101.41	*
00-00-60	'MOP	55789			58.62	97.7	
00-00-60	'MOP	55790			58.87	98.12	
00-00-60	'MOP	55791			59.06	98.43	
00-00-22	'SPM	55802			22.41	101.86	*
00-00-60	'MOP	55803			60.14	100.23	
18-46-00	'DAP	55804	17.60	45.45		98.5	
18-46-00	'DAP	55805	17.70	47.10		101.1	
46-00-00	'Urea	55806	46.09			100.2	
46-00-00	'Urea	55807	46.04			100.09	
18-46-00	'DAP	55808	17.94	46.02		99.93	
46-00-00	'Urea	55809	45.99			99.98	
00-00-60	'MOP	55810			59.67	99.45	
00-00-60	'MOP	55811			59.39	98.98	
00-00-60	'MOP	55812			60.76	101.27	
00-00-60	'MOP	55813			61.04	101.73	
18-46-00	'DAP	55814	18.04	46.83		101.33	
46-00-00	'Urea	55815	46.02			100.04	
46-00-00	'Urea	55857	46.04			100.09	
46-00-00	'Urea	55858	46.16			100.35	
16-1-00	'SymTRX	55859	17.25	1.44		109.76	*
00-00-60	'MOP	55860			60.14	100.23	
46-00-00	'Urea	55891	46.19			100.41	
18-46-00	'DAP	55892	18.05	46		100.08	

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
16-1-00	'SymTRX	55893	17.54	7.18		142.4	*
00-00-60	'MP	55894			59.01	98.35	
18-46-00	DAP	55895	16.74	44.82		96.1	
00-00-60	'MP	55896			60.2	100.33	
00-00-60	'MP	55911			59.59	99.32	
00-00-60	'MP	55912			59.76	99.6	
00-00-60	'MP	55913			61	101.67	
46-00-00	'Urea	55914	46.14			100.3	
18-46-00	'DAP	55915	17.83	46.97		101.19	
18-46-00	'DAP	55937	17.74	46.13		99.76	
00-00-60	'MP	55938			59.65	99.42	
46-00-00	'Urea	55939	46.03			100.07	
00-00-50	'SP	55940			50.74	101.48	
46-00-00	'Urea	55941	46.06			100.13	
34-00-00	'Super Kicker Plus	55947	33.55			98.68	*
00-00-60	'MOP	55953			60.97	101.62	
18-46-00	'DAP	55954	17.76	45.44		98.75	
16-1-00	'SymTRX	55955	17.10	1.08		106.94	*
18-46-00	'DAP	55956	17.73	45.37		98.59	
46-00-00	'Urea	55957	46.00			100	
18-46-00	'DAP	56016	17.79	46.00		99.65	
00-00-22	'KMag	56017			22.97	104.41	*
00-00-50	'SP	56018			51.31	102.62	
00-00-60	'MP	56019			59.59	99.32	
00-00-60	'MP	56020			58.80	98	
00-00-60	'MP	56021			59.15	98.58	
46-00-00	'Urea	56022	46.15			100.33	
18-46-00	'DAP	56023	18.08	45.12		98.8	
16-1-00	'SymTRX	56024	18.20	1.31		114.68	*
46-00-00	'Urea	56025	46.11			100.24	
46-00-00	'Urea	56026	46.18			100.39	
21-00-00	'AS	56027	20.84			99.24	*
00-00-50	'SP	56028			50.15	100.3	
18-46-00	'DAP	56029	17.84	44.38		97.27	
18-46-00	'DAP	56030	17.70	46.18		99.77	
00-00-60	'MP	56031			60.41	100.68	
00-00-60	'MP	56032			60.32	100.53	

Highlighted values 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	56044	46.15			100.33	
46-00-00	'Urea	56045	46.11			100.24	
16-1-00	'SymTRX	56046	17.40	1.42		110.54	*
00-00-60	'MP	56047			58.89	98.15	
18-46-00	'DAP	56048	17.85	45.83		99.49	
00-00-50	'SP	56049			52.06	104.12	
00-00-22	'KMag	56050			23.34	106.09	*
18-46-00	'DAP	56051	17.68	45.57		98.81	
00-00-50	'SP	56052			50.58	101.16	
46-00-00	'Urea	56053	46.20			100.43	
00-00-60	'MP	56054			60.75	101.25	
34-00-00	'Super Kicker Plus	56056	33.42			98.29	*
00-00-22	'KMag	56057			22.80	103.64	*
00-00-60	'MP	56058			60.99	101.65	
46-00-00	'Urea	56059	46.20			100.43	
18-46-00	'DAP	56060	17.67	45.35		98.46	
16-1-00	'SymTRX	56061	17.67	1.37		111.87	*
46-00-00	'Urea	56062	46.20			100.43	
18-46-00	'DAP	56064	17.76	45.9		99.45	
46-00-00	'Urea	56065	46.04			100.09	
00-00-50	'SP	56066			50.94	101.88	
16-1-00	'SymTRX	56067	17.54	1.34		110.94	*
00-00-60	'MP	56068			61.16	101.93	
46-00-00	'Urea	56069	46.20			100.43	
18-46-00	'DAP	56131	17.55	46.91		100.63	
00-00-50	'SOP	56163			50.66	101.32	
18-46-00	'DAP	56164	17.84	45.56		99.06	
00-00-60	'MOP	56165			59.85	99.75	
00-00-60	'MOP	56166			59.39	98.98	
46-00-00	'Urea	56167	46.06			100.13	
46-00-00	'UREA	56284	46.20			100.43	
46-00-00	'UREA	56285	46.17			100.37	
18-46-00	'DAP	56286	18.22	47.22		102.22	
00-00-60	'MOP	56287			60.72	101.2	
18-46-00	'DAP	56296	17.99	45.4		99.07	
21-00-00	'AS	56297	21.24			101.14	*
00-00-60	'MOP	56306			61.6	102.67	

Highlighted values 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	56307			59.4	99	
46-00-00	'Urea	56308	46.13			100.28	
00-00-60	'MOP	56309			60.45	100.75	
46-00-00	'UREA	56310	46.20			100.43	
18-46-00	'DAP	56311	18.02	46.13		100.23	
21-00-00	'AS	56392	21.06			100.29	*
18-46-00	'DAP	56404	17.93	46.49		100.63	
18-46-00	'DAP	56405	17.76	45.64		99.05	
18-46-00	'DAP	56406	17.84	45.32		98.7	
18-46-00	'DAP	56407	17.63	45.95		99.31	
00-00-60	'MP	56408			59.49	99.15	
16-1-00	'Symtrx	56409	17.12	1.33		108.4	*
46-00-00	'Urea	56410	46.08			100.17	
00-00-60	'MP	56411			59.82	99.7	
18-46-00	'DAP	56452	18.19	45.6		99.71	
46-00-00	'Urea	56453	46.20			100.43	
00-00-60	'MOP	56454			61.14	101.9	
00-00-60	'MP	56493			59.85	99.75	
00-00-60	'MP	56494			59.65	99.42	
46-00-00	'Urea	56508	46.11			100.24	
00-00-60	'MOP	56509			62.08	103.47	
00-00-60	'MOP	56510			60.91	101.52	
18-46-00	'DAP	56511	17.85	46.94		101.18	
32-3-8	'Southern States	56512	31.04	4.74	8.56	102.49	*
18-46-00	'DAP	56513	17.35	45.63		98.35	
00-00-60	'MOP	56514			61.64	102.73	
46-00-00	'Urea	56515	46.17			100.37	
18-46-00	'DAP	56530	17.21	44.90		97.01	
00-00-60	'MOP	56531			59.54	99.23	
18-46-00	'DAP	56726	17.45	45.94		98.99	
00-00-60	'MOP	56727			59.67	99.45	
18-46-00	'DAP	56728	17.91	46.17		100.11	
46-00-00	'Urea	56729	46.09			100.2	
18-46-00	'DAP	56751	17.53	45.28		98.12	
12-40-00	'MES10	56752	11.86	40.39		100.44	*
46-00-00	'Urea	56753	46.06			100.13	
46-00-00	'Urea	56754	46.12			100.26	

Highlighted values 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	56755			61.34	102.23	
18-46-00	'DAP	56762	17.08	46.19		98.75	
16-1-00	'Symtrx	56763	16.97	1.73		109.67	*
46-00-00	'Urea	56764	46.07			100.15	
00-00-60	'MP	56765			60.56	100.93	
21-00-00	'AS	56766	20.25			96.43	*
00-00-60	'MP	56767			60.82	101.37	
00-00-60	'MP	56768			60.9	101.5	
00-00-60	'MOP	56812			60.6	101	
18-46-00	'DAP	56817	17.82	45.56		99.03	
46-00-00	'Urea	56888	46.07			100.15	
00-00-60	'MOP	56889			60.37	100.62	
18-46-00	'DAP	56890	17.54	45.86		99.02	
00-00-50	'SOP	56891			50.55	101.1	
11-52-00	'MAP	56892	11.39	50.61		98.5	
12-40-00	'MEZ	56893	11.96	40.42		100.71	*
20-00-00	'AS	56894	20.55			100.24	*
18-46-00	'DAP	56895	17.67	47.11		101.14	
00-00-60	'MP	56896			60.67	101.12	
00-00-60	'MP	56897			60.41	100.68	
18-46-00	'DAP	56898	17.49	46.44		99.82	
00-00-60	'MP	56899			60.55	100.92	
00-00-50	'SP	56900			50.87	101.74	
46-00-00	'Urea	56901	46.05			100.11	
46-00-00	'Urea	56926	46.12			100.26	
16-1-00	'SymTRX	56968	17.21	1.25		108.5	*
18-46-00	'DAP	56969	17.36	46.2		99.24	
00-00-60	'MP	56970			61.79	102.98	
00-00-50	'SP	56971			51.55	103.1	
00-00-60	'MP	56972	2.68	7.67	48.92	105.68	
18-46-00	'DAP	56973	17.79	46.77		100.82	
46-00-00	'Urea	56974	46.02			100.04	
46-00-00	'Urea	56975	45.93			99.85	
00-00-60	'MP	56976			60.07	100.12	
00-00-60	'MP	56977			60.43	100.72	
18-46-00	'DAP	56978	17.79	46.07		99.76	
18-46-00	'DAP	56979	17.24	45.88		98.55	

Highlighted values 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	56980	46.19			100.41	
46-00-00	'Urea	56981	46.08			100.17	
46-00-00	'Urea	56982	45.98			99.96	
46-00-00	'Urea	57021	46.20			100.43	
00-00-60	'MP	57022			60.55	100.92	
16-1-00	'SymTRX	57023	17.38	1.25		109.51	*
46-00-00	'Urea	57024	46.20			100.43	
00-00-60	'MP	57047			59.6	99.33	
18-46-00	'DAP	57048	17.49	45.1		97.78	
46-00-00	'Urea	57049	46.20			100.43	
18-46-00	'DAP	57136	17.00	46.7		99.4	
18-46-00	'DAP	57137	17.28	46.25		99.18	
00-00-50	'SOP	57138			49.65	99.3	
46-00-00	'Urea	57139	46.12			100.26	
00-00-60	'MOP	57140			60.35	100.58	
46-00-00	'Urea	57151	45.90			99.78	
18-46-00	'DAP	57152	16.89	46.92		99.55	
18-46-00	'DAP	57153	17.69	44.84		97.72	
00-00-60	'MOP	57154			59.89	99.82	
46-00-00	'Urea	57228	46.20			100.43	
00-00-60	'MOP	57229			59.9	99.83	
18-46-00	'DAP	57230	17.73	46.37		100.11	
19-19-19	'Southern States	57232	19.29	19.38	20.28	103.04	
18-46-00	'DAP	57289	17.81	45.99		99.67	
16-1-00	'SymTRX	57290	16.65	1.54		106.75	*
00-00-7	'Professional Turf Fertilizer Fairway Grade	57291			5.54	79.14	
24-00-11	'Professional Turf Fertilizer Fairway Grade	57292	22.18		9.66	91.34	*
15-5-10	'Professional Turf Fertilizer Fairway Grade	57293	14.62	4.87	9.01	95.58	*
34-00-00	'Super Kicker Plus	57296	33.78			99.35	*
19-19-19	'19-19-19	57297	18.61	19.04	19.35	99.76	
18-46-00	'DAP	57333	17.88	46.83		101.06	
18-46-00	'DAP	57334	17.76	46.59		100.5	
00-00-60	'MOP	57335			61.95	103.25	
00-00-50	'SOP	57338			50.29	100.58	
18-46-00	'DAP	57339	17.67	45.37		98.49	
00-00-60	'MOP	57340			58.85	98.08	
16-1-00	'SymTRX	57405	17.33	1.25		109.21	*

Highlighted values 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	57425	19.10	19.9	19.06	101.96	
46-00-00	'Urea	57489	46.11			100.24	
46-00-00	'Urea	57490	46.04			100.09	
16-1-00	'SymTRX	57491	17.47	1.39		110.79	*
00-00-60	'MP	57492			60.16	100.27	
18-46-00	'DAP	57493	17.47	47.42		101.27	
18-46-00	'DAP	57494	16.96	46.92		99.66	
00-00-22	'Kmag	57495			22.11	100.5	*
00-00-50	'SOP	57523			52.69	105.38	
00-00-22	'Kmag	57524			23.09	104.95	*
00-00-60	'MOP	57525			62.19	103.65	
18-46-00	'DAP	57526	17.81	46.92		101.08	
46-00-00	'Urea	57527	46.20			100.43	
00-00-50	'SOP	57545			49.97	99.94	
00-00-60	'MOP	57546			61.4	102.33	
18-46-00	'DAP	57547	17.76	45.83		99.34	
18-46-00	'DAP	57548	17.84	47.17		101.51	
34-00-00	'SS	57645	32.72			96.24	*
16-1-00	'SymTRX	57703	17.25	1.26		108.79	*
46-00-00	'Urea	57704	46.03			100.07	
00-00-60	'MOP	57705			61.45	102.42	
00-00-50	'SOP	57706			51.04	102.08	
18-46-00	'DAP	57707	17.67	46.43		100.1	
34-00-00	'Super Kicker Plus	57725	33.37			98.15	*
16-1-00	'SymTRX	57786	17.07	1.49		108.97	*
46-00-00	'Urea	57794	46.20			100.43	
18-46-00	'DAP	57795	17.96	45.42		99.05	
00-00-60	'MOP	57796			60.31	100.52	
32-00-00	'UAN32	57811	32.39			101.22	
28-00-00		57813	27.78			98.58	*
28-00-00		57814	28.15			99.89	*
28-00-00		57815	27.57			98.04	*
32-00-00	'UAN 32	57816	31.86			99.56	
32-00-00	'UAN 32	57817	32.19			100.59	
Southern States - Russellville Russellville ,KY							
6-28-22		55632	5.96	27.09	22.27	98.89	*
6-28-22		55633	6.19	28.28	21.42	100.52	*

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
6-28-22		55634	5.83	27.57	22.37	99.71	*
6-28-22		55635	5.83	28.28	22.09	100.71	*
6-28-22		55636	5.93	28.74	21.39	100.82	*
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Southern States - Russellville Fertilizer Plant Russellville ,KY							
7-18-28		55467	6.74	17.42	28.63	99.75	*
7-18-28		55468	6.86	17.38	28	98.96	*
7-18-28		55469	6.97	18.42	27.51	100.63	*
7-17-28		55470	6.62	17.19	28.07	99.65	*
7-17-28		55471	6.67	17.22	27.92	99.6	*
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Southern States - Shelbyville Shelbyville ,KY							
9-15-27		55487	9.23	15.63	27.55	102.01	*
9-15-27		55488	9.11	15.30	27.67	101.07	*
23-0-15		56382	23.97	0.69	15.25	104.2	*
7-19-33		56383	7.48	19.05	33.15	101.35	*
27-7-9		56384	27.85	7.12	9.84	101.68	*
20-10-10		56385	20.12	10.22	10.43	101.26	
12-31-20		56386	11.96	30.56	21.61	101.75	
7-19-33		56387	7.42	19.04	33.45	101.65	*
23-1-00		56388	23.40	1.4		105.67	*
13-13-13		57331	12.70	12.79	14.13	102.11	
19-19-19		57332	19.52	19.98	20.55	103.02	
19-0-15		57336	19.90	0.64	16.85	105.99	*
13-13-15		57337	12.59	13.32	17.18	106.47	*
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Southern States - Somerset Somerset ,KY							
22-12-22		56483	21.90	12.42	23.63	103.53	
19-19-19		56484	19.25	20.57	20.83	103.91	
26-00-26		56485	25.05		26.53	100.17	
33-8-11		56486	32.30	8.77	11.22	100.7	
19-19-19		56487	19.34	20.13	20.14	102.37	
21-11-21		56488	21.26	11.27	23.08	103.01	*
22-00-22		56489	22.49		21.33	101.55	
22-00-22		56490	21.50		20.36	97.01	
30-10-13		56491	29.76	10.52	14.01	102.22	
19-19-19		56492	19.34	19.35	20.63	101.61	
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Southern States - Springfield Springfield ,KY							
38-00-11		57406	36.45		12.73	100.29	
38-00-00		57407	38.95			101.38	*

Highlighted values 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
22-8-20		57408	22.95	7.735	20.45	100.68	*
22-8-20		57409	23.12	8.18	19.85	101.08	*
22-8-20		57410	23.24	8.27	20.17	102.04	*
19-9-22		57411	16.48	7.195	25.74	98.06	*
19-9-22		57412	17.98	8.1	23.93	100.77	*
19-9-22		57413	17.25	7.535	24.50	98.68	*
19-9-22		57414	16.86	7.315	24.44	97.34	*
19-9-22		57415	17.40	7.86	23.87	98.93	*
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Southern States - Stanford Stanford ,KY							
21-10-20		56190	20.77	9.99	20.92	101.13	*
22-11-22		56191	21.79	11.27	23.89	101.8	
18-7-26		56192	18.16	6.94	28.54	104.3	*
24-10-20		56193	24.12	11.29	20.46	102.04	
24-10-20		56194	24.24	10.34	20.84	101	
21-10-20		56195	20.98	10.52	21.45	104.42	*
9-00-48		56196	7.853		50.54	100.84	
22-11-22		56885	22.02	11.54	21.86	99.91	
19-19-19		56886	19.26	19.25	19.12	99.24	
19-19-19		56887	19.66	18.87	19.23	99.5	
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Southern States - Warsaw Owenton ,KY							
27-14-14		56389	26.65	14.73	14.9	102.56	
28-6-20		56390	27.51	5.85	21.07	102.4	
24-17-15		56391	23.71	17.53	16.15	102.9	
12-5-20		57341	12.23	5.21	19.84	100.33	
12-5-20		57342	11.97	4.82	20.24	98.83	
7-18-36		57343	7.37	18.89	36.8	102.35	
7-18-36		57344	7.37	19.47	35.91	102.26	
19-19-19		57345	19.07	19.19	19.82	99.68	
12-5-20		57346	11.98	5.33	20.6	101.19	
12-5-20		57347	12.15	5.22	20.85	102.06	
12-5-20		57348	12.11	5.06	20.81	101.46	
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Southern States - Winchester Winchester ,KY							
35-00-13		57221	34.42		12.93	99.59	*
35-00-13		57222	33.21		14.52	99.25	*
35-00-13		57223	33.31		14.94	100.13	*
19-19-19		57224	19.98	18.84	18.5	99.11	
19-19-19		57225	19.83	19.76	18.26	100.17	

Highlighted values are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
6-16-29		57226	6.62	16.65	30.5	103.64	*
6-16-29		57227	6.61	16.89	28.23	100.43	*
35-00-13		57287	33.60		13.51	98.63	*
35-00-13		57288	34.47		12.35	98.85	*
Southern States Winchester Fertilizer Plant Winchester ,KY							
10-10-10	'Southern States	55132	10.37	10.71	9.86	103.53	*
10-10-10	'SS	55146	9.72	10.35	9.66	99.17	
24-5-11	'24-5-11	55278	23.70	6.20	9.88	99.96	*
12-24-24	'12-24-24	55279	12.08	24.84	23.87	101.47	
19-19-19	'19-19-19	55343	18.11	20.09	20.73	102.4	
15-15-15	'SS 15-15-15	55919	14.75	16.71	15.52	104.28	
10-10-10	'SS 10-10-10	55920	9.70	10.57	10.71	102.69	
5-20-20	'SS	55942	7.92	20.29	19.44	107.69	
16-1-00	'SS	55943	16.14	1.44		103.2	*
19-19-19	'SS	55944	20.09	19.69	18.88	103.34	
10-10-10	'SS	55945	10.15	9.92	10.03	100.38	
46-00-00	'SS	55946	46.02			100.04	
10-10-10	'SS	56055	10.37	10.51	10.80	105.31	
19-19-19	'SS	56063	20.20	18.41	19.34	101.82	
10-10-10	'SS	56070	12.40	10.82	11.83	116.94	
19-19-19	'SS	56173	19.04	19.79	19.75	102.57	
19-19-19	'SS	56174	18.85	20.57	19.63	103.47	
5-20-20	'SS	56175	7.65	20.76	19.73	108.65	
10-10-10	'SS	56221	9.20	11.05	11.45	104.36	
19-19-19	'SS	56222	18.82	20.33	20.65	104.35	
00-00-60	'MP	56933			59.77	99.62	
10-10-10	'SS	57010	8.38	9.9	11.07	96.13	
19-19-19	'SS	57011	19.43	20.02	18.24	101.74	
18-46-00	'DAP	57028	18.10	45.69		99.7	
19-19-19	'SS	57269	19.54	20.39	19.79	104.76	
5-20-20	'SS	57270	8.09	20.11	21.63	111.7	
19-19-19	'SS	57507	19.39	21.87	19.27	106.5	
5-10-15	'SS	57509	4.78	10.35	16.68	107.15	
10-10-10	'SS	57643	10.54	12.07	10.83	111.56	
19-19-19	'SS	57644	19.13	20.27	19.99	103.98	
5-20-20	'SS	57646	7.74	20.16	20.3	108.44	
10-10-10	'SS	57647	10.42	10.56	11.07	106.38	

Highlighted values 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	'SS	57648	20.39	19.62	18.64	103.5	
10-10-10	'SS	57651	9.96	10.78	9.77	102.01	
19-19-19	'SS	57652	19.51	19.98	19.86	104.04	
10-20-20	'SS	57653	10.81	21.75	20.7	106.91	
00-25-25	'SS	57654		25.35	25.23	101.2	
00-10-30	'SS	57673		11.21	31.03	106.14	*
6-24-24	'SS	57674	9.45	25.13	23.8	109.9	
10-10-10	'SS	57675	10.17	11.32	11.36	108.84	*
10-10-10	'SS	57722	11.29	11.81	11.31	114.79	
10-10-10	'SS	57723	10.21	10.22	12.36	107.7	
19-19-19	'SS	57724	20.53	18.4	19.37	102.51	
11-00-14	'11-0-14 w/14%S	57758	12.42		14.4	108.29	*
11-00-14	'11-0-14 w/14%S	57759	12.27		14.83	108.97	*
19-14-19	'19-14-19 w/2.5%S	57760	19.56	14.36	18.79	101.68	*
00-10-30	'SS	57761		11.1	31.79	107.54	*
9-18-27	'SS	57762	8.58	17.82	28.75	101.34	
10-10-10	'SS	57763	8.98	9.53	9.68	93.56	
19-19-19	'SS	57764	19.50	19.59	19.4	102.66	
00-10-30	'SS	57765		10.99	30.57	104.4	*
10-10-10	'SS	57766	9.06	9.577	9.34	93.19	

Stanley Crop Service Owensboro ,KY

00-46-00	'TSP	55402		45.85		99.67	
00-00-60	'MP	55403			60.77	101.28	
00-00-60	'MP	55404			60.26	100.43	
00-46-00	'TSP	55405		45.64		99.22	
18-46-00	'DAP	55406	17.62	45.21		98.16	
00-46-00	'TSP	55407		45.25		98.37	
00-21-32		55538		20.97	32.85	100.35	
00-23-30		55539		23.96	30.24	102.49	
00-23-30		55540		23.7	30	101.52	
00-23-30		55541		23.66	29.87	101.22	
00-23-30		55542		23.89	29.74	101.5	
00-23-30		55543		23.23	30.33	101.05	
00-23-30		55544		22.87	30.2	100.05	
00-23-30		55545		24.19	29.66	102.02	
00-23-30		55546		23.36	30.58	101.75	
00-23-30		55547		23.83	29.63	101.19	

Highlighted values 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
00-23-30		55548		23.62	30.3	101.85	
00-23-30		55549		23.81	29.69	101.24	
20-00-00	'AS	56855	20.68			100.88	*
18-46-00	'DAP	56856	17.86	45.6		99.16	
00-00-60	'MP	56857			60.89	101.48	
00-00-60	'MP	56858			61.96	103.27	
00-00-60	'MP	56859			60.19	100.32	
18-46-00	'DAP	56860	17.78	46.1		99.78	
18-46-00	'DAP	56861	17.96	45.81		99.64	
46-00-00	'Urea	56862	46.06			100.13	
00-00-50	'SP	56863			51.73	103.46	
7-23-6	'Starter 6-22-5-4S-0.43Zn	56865	6.86	22.76	5.81	100.62	*
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Sun Bulb Company, INC. Arcadia ,FL							
11-35-15	'Orchid Better Bloom	56801	11.91	36.24	15.16	104.06	*
10-6-8	'Dynamite Cactus and Succulent Food	57157	18.76	6.6	9.03	148.04	*
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Swiss Farms Products Las Vegas ,NV							
12-6-10	'Vigoro Rose Food	55180	12.49	6.47	9.81	103.25	*
10-8-8	'Vigoro Azalea Camellia and Rhododendron Food	55181	10.15	8.43	8.68	104.34	*
12-10-5	'Vigoro Tomato & Vegetable Garden Plus Calcium	56427	12.60	9.97	5.3	103.16	*
29-00-3	'Vigoro Weed & Feed	56428	29.28		2.81	100.49	
12-10-5	'Vigoro Tomato and Veg Garden Plant Food Plus Calcium	57158	11.23	8.66	5.46	93.11	*
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Tennessee Farmers Coop - Lavergne LaVergne ,TN							
10-10-10	'Co-Op 10-10-10	55215	10.29	11.04	10.04	104.78	
19-19-19	'Co-Op 19-19-19	55216	20.20	19.67	18.56	103.14	
00-00-60	'MOP	55843			58.90	98.17	
18-46-00	'DAP	55844	18.04	46.25		100.45	
19-19-19	'19-19-19	55845	19.88	19.90	18.43	102.69	
10-10-10	'10-10-10	55846	10.32	9.65	9.69	99.2	
15-15-15	'Co-Op 15-15-15	56403	15.27	15.34	15.6	102.53	
19-19-19	'Co-Op 19-19-19	56524	20.43	20.3	18.77	105.02	
10-10-10	'Co-Op 10-10-10	56525	10.53	11.87	10.22	109.23	
6-24-24	'Co-Op 6-24-24	56526	10.00	25.69	23.93	112.52	
18-46-00	'DAP	57520	18.30	47.49		102.77	
00-00-22	'Kmag	57521			22.11	100.5	*
00-00-50	'SOP	57522			52.62	105.24	
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The Scotts Company Marysville ,OH							
32-00-10	'Turfbuilder Winterizer	55191	33.16		10.39	103.67	*

Highlighted values 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
11-2-2	'Scotts Natural Lawn Food	55472	12.45	2.85	1.71	114.15	*
14-14-14	'Osmocote Flower & Vegetable	55907	14.14	14.31	14.33	101.78	
32-00-10	'Scotts Turf Builder Southern Lawn Food	56376	32.26		10.91	102.24	*
27-00-2	'Scotts Green Max	56377	27.63		2.12	102.51	*
32-00-4	'Scotts Turf Builder	56426	32.78		3.77	101.81	*
24-25-4	'Scotts Turf Builder Starter	56431	24.74	23.68	4.11	99.21	
14-14-14	'Osmocote Flower & Vegetable	56432	14.72	14.42	14.75	104.44	
10-10-10	'All Purpose Flower and Vegetable	57001	11.16	10.88	11.91	112.55	*
24-25-4	'Turf Builder Starter	57002	24.25	23.69	4.55	98.83	
26-00-2	'Scotts Green Max	57328	26.19		1.67	99.89	*
Thomas Cayce Farm Supply, LLC Princeton ,KY							
18-46-00	'DAP	55209	17.75	45.49		98.8	
20-00-00	'AS	55210	20.29			98.98	*
18-46-00	'DAP	55211	17.79	45.60		99.04	
18-46-00	'DAP	55212	17.92	45.74		99.47	
00-00-60	'MP	55213			59.74	99.57	
00-00-60	'MP	55214			59.76	99.6	
34-00-00	'AN	55770	34.23			102.18	
34-00-00	'AN	55771	34.10			101.79	
18-46-00	'DAP	55772	17.43	44.76		97.16	
20-00-00	'AS	55773	19.85			96.83	*
18-46-00	'DAP	55774	18.16	45.39		99.34	
21-00-00	'AS	55775	20.78			98.95	*
00-00-60	'MOP	55776			59.60	99.33	
00-00-60	'MOP	55777			60.64	101.07	
00-00-22	'K-Mag	55778			25.51	118.65	*
00-00-50	'SOP	55779			51.45	102.9	
8-20-25		56270	7.96	19.43	24.75	98.28	*
8-20-25		56271	7.67	20.3	26.3	101.87	*
13-16-20		56272	12.98	15.76	20.65	101.75	*
13-16-20		56273	12.84	15.41	20.1	99.7	*
21-14-14		56274	21.73	13.86	14.42	101.51	
18-46-00	'DAP	56656	17.82	46.14		99.91	
20-00-00	'AS	56657	20.72			106.26	*
18-46-00	'DAP	56658	17.79	45.62		99.07	
00-00-60	'MP	56659			58.97	98.28	
00-00-60	'MP	56660			59.67	99.45	

Highlighted values 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
13-16-20		56661	13.20	15.69	20.75	103.14	*
13-16-20		56662	12.98	15.72	21.17	103.36	*
22-17-11		56663	22.16	16.2	11.94	100.87	
13-22-21		56664	12.62	21.18	22.01	100.01	*
13-22-21		56665	12.99	22.03	22.04	102.51	*
<hr/>							
Tri-County Fertilizer Co., Inc. Richmond ,KY							
00-00-60	'mop	56324			60.85	101.42	
18-46-00	'dap	56325	17.86	46.18		100.04	
46-00-00	'urea	56326	46.02			100.04	
46-00-00	'urea	56327	46.08			100.17	
19-19-19		56329	19.61	19.67	19.64	103.4	
32-10-10		56330	32.62	10.27	10.08	102.59	
32-23-00		57099	31.76	23.83		100.97	
19-19-19		57100	18.65	20.16	19.14	101.75	
19-19-19		57101	18.43	19.88	20.25	102.18	
19-19-19		57102	18.97	20.39	19.22	102.82	
7-18-37		57103	6.95	17.15	36.36	98.29	
9-23-30		57104	9.00	22.67	31.54	101.45	
9-23-30		57105	9.123	23.05	31.16	101.88	
19-19-19		57106	18.88	19.79	20.26	102.94	
00-00-60	'MOP	57767			60.07	100.12	
18-46-00	'DAP	57768	17.98	47.58		102.37	
00-00-50	'SOP	57769			49.97	99.94	
46-00-00	'Urea	57770	46.20			100.43	
<hr/>							
Turf Care Supply Corporation Brunswick ,OH							
22-00-4	'AMP XC 22 0 4	55307	20.31		5.26	101.45	*
10-10-10	'Turf Care Supply 10-10-10	57827	9.79	10.18	10.76	101.79	
<hr/>							
Valley Fertilizer Company Edmonton ,KY							
19-19-19		56242	20.23	20.39	19.22	103.3	
22-9-24		56243	22.42	9.52	24.31	101.98	
22-9-24		56244	22.29	9.6	24.2	101.7	
23-17-17		56245	22.69	17.87	18.65	103.99	
19-19-19		56246	19.31	20.43	19.91	102.46	
28-00-10		56247	29.30		9.24	101.32	
30-12-12		56248	29.60	12.46	12.9	102.36	
19-19-19		56249	19.75	20.55	19.45	102.94	
30-12-12		56250	30.63	12.23	12.23	103.13	

Highlighted values 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
27-14-13		56251	27.02	13.01	15.24	100.48	
<hr/>							
Voluntary Purchasing Group Bonham ,TX							
9-58-8	'Blooming and Root Soluble Plant Food	56378	9.57	58.64	7.44	101.16	
00-00-60	'MOP	56381			59.38	98.97	
<hr/>							
Warner Fertilizer - Albany Albany ,KY							
23-00-30		56631	22.66		30.73	100.34	
19-19-19		56632	19.46	19.99	19.53	101.45	
19-19-19		56633	19.72	18.76	19.79	100.07	
18-18-18		56634	18.89	16.81	17.02	99.43	
22-10-15		56635	23.30	9.22	14.52	100.44	
18-11-22		56636	19.23	10.13	20.48	99.33	
28-13-13		56637	28.39	14.76	13.06	103.7	
19-19-19		56638	19.55	21.61	19.86	105.04	
28-13-13		56639	27.17	15.21	14.83	104.48	
19-19-19		56640	19.19	21.11	20.61	104.39	
<hr/>							
Warner Fertilizer - Campbellsville Campbellsville ,KY							
20-12-24		57071	19.82	12.16	25.02	100.69	
22-14-21		57428	21.65	13.95	23.99	104.95	
9-00-00		57430	9.21	25.12	29.08	572.24	
10-10-10		57431	10.56	9.205	9.29	93.29	
20-15-16		57432	20.40	15.23	13.02	97.11	
16-10-11		57433	16.54	10.74	10.99	100.75	*
19-15-16		57434	19.14	13.66	16.51	99.37	*
18-18-18		57747	19.10	16.11	16.6	97.89	
19-2-21		57750	18.68	2.61	21.74	101.98	
17-7-10		57751	17.37	7.37	9.79	101.51	*
<hr/>							
Warner Fertilizer - Columbia Columbia ,KY							
20-19-19		56642	19.38	19.39	21.04	102.31	
20-19-19		56643	19.29	19.61	20.61	101.95	
27-14-14		56644	27.07	14.09	14.82	102.11	
20-19-19		56645	19.63	20.33	20.36	103.61	
17-15-20		56646	17.45	15.45	20.81	101.72	
17-15-20		56647	17.88	15.47	20.69	102.55	
26-12-18		56648	24.99	12.96	18.33	102.67	
17-15-20		56649	17.33	15.96	21.17	103.03	
17-15-20		56650	17.82	15.64	21.02	103.25	
20-19-19		56651	19.03	20.82	19.78	102.44	

Highlighted values 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
Warner Fertilizer - Liberty Liberty ,KY							
26-8-20		55842	26.46	7.21	19.12	98.82	
7-18-36		57062	6.92	18.18	37.04	100.45	
19-19-19		57063	19.60	18.75	19.5	99.81	
16-14-28		57064	15.61	13.64	29.71	100.91	
7-18-36		57068	7.23	18.3	36.59	100.69	
22-15-20		57069	22.44	16.17	21.46	105.99	
36-00-13		57737	36.00		13.28	100.31	
30-00-00		57799	29.60			99.76	*
Warner Fertilizer - Monticello Monticello ,KY							
28-12-15		55984	27.53	11.45	16.52	102.08	
34-10-8		55987	33.36	10.05	8.85	100.34	
7-17-38		57086	6.82	16.78	37.37	99.06	
19-19-19		57087	17.55	18.45	21.13	97.09	
21-15-20		57089	21.30	15.47	20.94	101.49	
9-23-30		57440	9.19	22.51	29.97	99.45	
34-20-00		57800	33.25	18.86		97.07	
Warner Fertilizer - Nancy Nancy ,KY							
19-19-19		56275	19.18	19.77	19.39	100.38	
6-16-31		56276	6.68	15.9	30.52	100.4	
19-19-19		56277	18.76	18.89	20.69	99.69	
17-17-20		56278	17.28	16.41	19.43	99.53	
20-00-24		56944	21.32		23.33	101.28	
9-23-30		56947	8.33	22.09	31.71	99.28	
18-18-18		56948	18.42	16.79	16.99	98.34	
9-22-29		56949	8.65	22.81	29.13	102.7	
18-18-18		56950	18.16	17.4	17.51	99.72	
18-18-18		56951	18.16	18.19	17.39	101.12	
Warner Fertilizer - Russell Springs Russell Springs ,KY							
19-19-19		57797	18.62	19.27	21.04	100.54	
Warner Fertilizer - Somerset Somerset ,KY							
00-00-60 'MP		55267			59.55	99.25	
00-00-60 'MOP		55281			59.31	98.85	
18-46-00 'DAP		55282	18.12	45.59		99.61	
00-00-60 'MOP		55297			60.05	100.08	
00-00-60 'MOP		55299			59.74	99.57	
00-00-60 'MOP		55328			60.26	100.43	
19-19-19 '19-19-19 bg		55329	17.97	19.84	18.33	98.39	

Highlighted values 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	55695			59.67	99.45	
46-00-00	'Urea	55696	46.05			100.11	
46-00-00	'Urea	55697	46.01			100.02	
18-46-00	'DAP	55698	17.57	46.58		100.16	
18-46-00	'DAP	55715	17.97	46.27		100.36	
00-00-60	'MOP	55716			60.06	100.1	
18-46-00	'DAP	55717	17.94	46.22		100.23	
00-00-60	'MOP	55718			60.23	100.38	
46-00-00	'Urea	55719	46.09			100.2	
46-00-00	'Urea	55761	46.20			100.43	
18-46-00	'DAP	55762	17.82	46.62		100.64	
00-00-60	'MOP	55763			59.03	98.38	
00-00-60	'MOP	55764			59.73	99.55	
00-00-60	'MOP	55765			59.68	99.47	
24-10-10	'24-10-10 Blend	55794	24.43	9.67	9.82	100.02	
24-10-10	'24-10-10 Blend	55795	22.42	10.16	12.75	101.01	
00-00-60	'MOP	55836			59.35	98.92	
00-00-60	'MOP	55837			59.57	99.28	
00-00-60	'MOP	55838			59.57	99.28	
18-46-00	'DAP	55839	17.71	45.61		98.92	
46-00-00	'UREA	55840	45.95			99.89	
46-00-00	'UREA	55841	46.20			100.43	
19-19-19	'Warnco	55855	18.84	19.37	19.34	100.82	
46-00-00	'Urea	55878	46.12			100.26	
00-00-60	'MOP	55879			60.21	100.35	
00-00-50	'SOP	55880			51.07	102.14	
46-00-00	'Urea	55881	46.18			100.39	
46-00-00	'Urea	55921	46.03			100.07	
46-00-00	'Urea	55922	46.16			100.35	
18-46-00	'DAP	55923	17.85	47.8		102.49	
18-46-00	'DAP	55924	17.78	45.56		98.96	
00-00-60	'MOP	55925			60.58	100.97	
21-00-00	'AMS	55926	20.45			97.38	*
19-19-19	'19-19-19	55927	18.58	19.75	20.37	102.4	
00-00-60	'MOP	55979			59.63	99.38	
00-00-60	'MOP	55980			60.22	100.37	
18-46-00	'DAP	55981	17.97	46.99		101.46	

Highlighted values 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	55982	17.85	46.28		100.18	
46-00-00	'Urea	55983	46.09			100.2	
46-00-00	'Urea	55985	46.08			100.17	
18-46-00	'DAP	55986	17.71	45.18		98.27	
46-00-00	'Urea	55992	46.19			100.41	
18-46-00	'DAP	55993	18.01	45.82		99.74	
00-00-60	'MOP	55994			60.58	100.97	
00-00-60	'MOP	55995			61.33	102.22	
46-00-00	'Urea	55996	46.07			100.15	
18-46-00	'DAP	55997	17.78	45.47		98.83	
46-00-00	'Urea	56124	46.20			100.43	
46-00-00	'Urea	56125	46.20			100.43	
18-46-00	'DAP	56126	17.62	46.42		100	
18-46-00	'DAP	56127	17.96	45.74		99.54	
00-00-60	'MOP	56128			59.28	98.8	
46-00-00	'Urea	56217	46.09			100.2	
18-46-00	'DAP	56218	17.81	46.02		99.71	
00-00-60	'MOP	56219			59.7	99.5	
21-00-00	'AS	56220	20.71			98.62	*
00-00-60	'MOP	56279			58.93	98.22	
10-10-10	'10-10-10	56641	8.8	9.28	15.60	107.3	
46-00-00	'Urea	56769	46.20			100.43	
18-46-00	'DAP	56770	17.93	46.21		100.2	
00-00-60	'MOP	56771			59.22	98.7	
46-00-00	'Urea	56793	46.12			100.26	
00-00-60	'MOP	56794			59.31	98.85	
18-46-00	'DAP	56795	17.87	45.11		98.43	
19-19-19	'19-19-19	56799	21.84	20.93	13.59	102.02	
15-15-15	'15-15-15 Bag	56945	16.50	16.16	14.65	106.01	
7-20-20	'7-20-20	56946	8.21	21.21	20.25	106.43	
18-46-00	'DAP	57065	17.79	45.36		98.68	
19-19-19	'19-19-19	57088	16.84	17.5	23.01	98.26	
46-00-00	'Urea	57386	46.08			100.17	
00-00-50	'SOP	57387			50.04	100.08	
18-46-00	'DAP	57388	17.77	45.11		98.26	
00-00-60	'MOP	57389			59.76	99.6	
21-00-00	'AS	57390	21.19			100.9	*

Highlighted values 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
15-15-15	'Warnco	57391	16.28	16.62	15.6	108.16	
9-23-30		57435	9.35	24.88	29.23	103.1	
9-23-30		57436	9.55	24.8	29.35	103.51	
9-23-30		57437	8.095	19.84	33.39	96.97	
9-23-30		57438	8.84	21	32.35	99.17	
33-6-12		57687	32.85	5.99	12.77	100.38	
9-23-30		57688	9.15	22.04	30.88	99.73	
9-23-30		57689	10.21	25.1	27.37	102.74	
24-5-15		57690	23.40	6.02	13.86	98.72	
24-5-15		57691	23.94	5	17.22	103.52	
24-5-15		57692	23.84	5.31	14.57	99.41	
5-10-15	'5-10-15	57693	5.23	9.41	20.39	121.22	
19-19-19	'19-19-19	57694	18.57	19.34	18.79	99.47	
7-20-20	'Warnco	57695	7.03	17.94	21.82	98.36	
10-10-10	'Warnco	57696	9.14	9.615	9.64	94.39	
00-00-60	'MOP	57697			60.26	100.43	
18-46-00	'DAP	57698	17.88	46.34		100.32	
00-00-50	'SOP	57699			51.31	102.62	
00-00-50	'SOP	57738			51.51	103.02	
Warner Fertilizer - Stanford Stanford ,KY							
21-15-20		56772	21.22	15.94	20.78	101.99	
20-10-20		56773	19.71	9.86	20.02	99.28	
7-17-38		56774	6.90	18.12	37.22	101.59	
19-19-19		56775	19.42	21.04	19.05	102.73	
19-19-19		56776	19.49	18.35	20.34	99.7	
31-00-00		56777	29.86			97.36	
11-11-11		56778	10.74	10.59	11.32	98.97	
Warner Fertilizer - Tompkinsville Tompkinsville ,KY							
24-14-18		56216	23.75	13.98	18.5	100.97	
38-9-4		56233	37.24	8.69	3.99	99.44	
38-9-4		56234	38.13	7.94	4.19	100.14	
18-18-18		56235	18.35	17.04	18.19	100.45	
18-18-18		56236	18.03	18.31	18.69	103	
19-19-19		56237	19.48	20.97	18.97	102.5	
7-7-6		56238	6.77	7.12	6.13	102.75	
27-14-14		56239	27.08	15.63	13.54	103.22	
28-12-15		56240	26.86	13.43	15.83	103.48	

Highlighted values 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
25-15-15		56241	24.93	16.66	15.69	102.9	
<hr/>							
Waterway Ag Inc Metropolis ,IL							
18-46-00	'DAP	57147	17.64	45.42		98.52	
00-00-60	'MOP	57150			60.3	100.5	
00-00-60	'MOP	57213			61.96	103.27	
<hr/>							
Winfield Solutions, LLC Saint Paul ,MN							
10-10-10	'All Purpose	55135	9.44	9.89	10.60	98.92	
10-10-10	'GroundWork	55856	10.22	10.90	13.92	114.18	
10-10-10	'10-10-10 Groundwork All-Purpose	55904	12.33	11.05	17.84	133.04	
16-6-16	'Groundwork Pasture	56371	16.85	6.8	15.86	104.62	
10-10-10	'Groundwork	57573	10.69	10.27	10.49	104.9	
10-10-10	'Ground Work All Purpose	57598	10.29	10.68	12.52	110.05	
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Woodford Feed Company, Inc. Versailles ,KY							
00-00-60	'MOP	55506			61.24	102.07	
46-00-00	'Urea	55507	46.20			100.43	
00-00-60	'MOP	56533			60.43	100.72	
18-46-00	'DAP	56534	17.89	46.49		100.56	
46-00-00	'Urea	56535	46.20			100.43	
00-00-60	'MOP	56997			60.38	100.63	
18-46-00	'DAP	56998	17.50	46.13		99.36	
25-00-24		57155	23.74		25.63	99.4	*
25-00-24		57156	24.71		24.99	100.72	*
31-00-19		57159	30.35		20.63	100.21	
31-00-19		57160	31.60		19.19	100.87	
31-00-19		57161	30.61		20.35	100.38	
31-00-19		57162	30.58		19.82	99.51	
00-00-60	'MOP	57349			59.02	98.37	
00-00-50	'SOP	57350			50.34	100.68	
27-00-23		57351	26.25		24.75	101.77	*
20-00-33		57352	20.22		34.89	101.92	
32-00-13		57353	32.26		13.97	102.27	*
27-00-23		57354	26.53		24.01	101.26	*

Highlighted values are deficient.

* Refer to Table 3

Regulatory Bulletin 339

Table 3

Detailed Inspection Report Results Secondary and Micro Nutrients

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
Advanced Micronutrient Products Reese ,MI										
56223	00-00-00	Brand: 'AMP NuBor 10								
		Guarantee:	10	5	1.5					10
		Found:	10.37	4.601	4.554					9.366
56225	2-00-00	Brand: 'AMP EZ20 Essential Zinc								
		Guarantee:				14				20
		Found:				13.646				22.45
56226	00-00-00	Brand: 'AMP Nubor 10								
		Guarantee:	10	5	1.5					10
		Found:	11.1	5.142	4.328					9.624
57000	2-00-00	Brand: 'EZ20								
		Guarantee:				14				20
		Found:				13.37				21.9
Agri-Chem - Herndon Herndon ,KY										
55363	3-14-43									
		Guarantee:								0.4844
		Found:								0.476
Agriport Terminal Eddyville ,KY										
55207	5-22-34									
		Guarantee:								0.3816
		Found:								0.37
55208	5-22-34									
		Guarantee:								0.3816
		Found:								0.309
Agrium U.S. A Subsidiary of Nutrien Ltd Loveland ,CO										
55861	6-12-18	Brand: 'Rainbow 6-12-18								
		Guarantee:	5		10	0.05		0.25		0.05
		Found:	5.041		12.38	0.1220		0.448		0.126
AgroLiquid Fertilizer St. Johns ,MI										
56259	9-24-3	Brand: 'Pro-Germinator								
		Guarantee:						0.1		
		Found:						0.356		
56260	2-00-10	Brand: 'Kalibrate								
		Guarantee:			6					
		Found:			6.238					
56261	9-24-3	Brand: 'Pro-Germinator								
		Guarantee:						0.1		
		Found:						0.354		

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
56749	9-24-3	Brand: 'Pro-Germinator 9-24-3					0.1		
		Guarantee:					0.295		
		Found: <input type="text"/>							
56750	00-00-00	Brand: 'Access 17% Sulfur					0.25	0.05	0.05
		Guarantee:		17			0.19	0.0614	0.0593
		Found: <input type="text"/>		22.5					
56845	00-00-00	Brand: 'Micro 500			0.02	0.25	0.37	1.2	1.8
		Guarantee:			0.0215	0.235	0.335	1.039	1.54
		Found: <input type="text"/>							
56846	00-00-00	Brand: 'Access 17% Sulfur					0.25	0.05	0.05
		Guarantee:		17			0.18	0.0593	0.0593
		Found: <input type="text"/>		21.76					
56847	7-00-00	Brand: 'Enhance						0.07	0.07
		Guarantee:		7				0.0695	0.0692
		Found: <input type="text"/>		8.184					
57004	2-00-10	Brand: 'Kalibrate							
		Guarantee:		6					
		Found: <input type="text"/>		5.515					
57005	7-00-00	Brand: 'Access					0.25	0.05	0.05
		Guarantee:		17			0.176	0.0553	0.0536
		Found: <input type="text"/>		20.87					
57237	12-3-3	Brand: 'Fert Rain					0.1	0.05	0.1
		Guarantee:		1.5			0.108	0.0816	0.136
		Found: <input type="text"/>		1.896					
57238	00-00-00	Brand: 'Micro 500			0.02	0.25	0.37	1.2	1.8
		Guarantee:			0.0250	0.283	0.412	1.22	1.722
		Found: <input type="text"/>							
57458	9-24-3	Brand: 'Pro-Germinator					0.1		
		Guarantee:					0.28		
		Found: <input type="text"/>							
57459	12-3-3	Brand: 'Ferti-Rain					0.1	0.05	0.1
		Guarantee:		1.5			0.0932	0.0644	0.114
		Found: <input type="text"/>		1.703					
57460	00-00-00	Brand: 'eNhance						0.07	0.07
		Guarantee:		8.7				0.0792	0.08
		Found: <input type="text"/>		8.735					
57461	2-00-10	Brand: 'Kalibrate							
		Guarantee:		6					
		Found: <input type="text"/>		5.54					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57462	7-00-00	Brand: 'AccesS								
		Guarantee:			17			0.25	0.05	0.05
		Found:	<input type="text"/>		9.9587			0.187	0.0386	0.0589
57463	00-00-00	Brand: 'Micro 500								
		Guarantee:				0.02	0.25	0.37	1.2	1.8
		Found:	<input type="text"/>			0.0217	0.291	0.402	1.206	1.734
Allen County Farmers Service, Inc. Scottsville ,KY										
55965	24-10-18									
		Guarantee:			3.4627	0.0374	0.0398			
		Found:	<input type="text"/>		4.025	0.0475	0.0408			
55966	24-10-19									
		Guarantee:			3.3846	0.0365	0.0389			
		Found:	<input type="text"/>		3.766	0.0417	0.034			
55970	39-4-5									
		Guarantee:			2.9004			0.0454		
		Found:	<input type="text"/>		3.01			0.0854		
Anuvia Florida LLC Zellwood ,FL										
55348	16-1-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		19.91					
Ballard County Coop., Inc. La Center ,KY										
56476	20-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.39					
56480	12-21-21									
		Guarantee:			4.766					
		Found:	<input type="text"/>		5.742					
56481	12-21-21									
		Guarantee:			4.766					
		Found:	<input type="text"/>		5.618					
57143	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		6.573					
57144	12-21-21									
		Guarantee:			4.766					
		Found:	<input type="text"/>		6.26					
Bandana Ag, Inc. La Center ,KY										
55622	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.993					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
Borates Plus Inc Apopka ,FL										
56532	00-00-00	Brand: 'Boron 15% Granular								
		Guarantee:				15				
		Found:	<input type="text"/>			15.6				
Cameron Chemicals Inc Virginia Beach ,VA										
56137	00-00-00	Brand: 'Boron								
		Guarantee:				15				
		Found:	<input type="text"/>			15.9				
56177	00-00-00	Brand: 'Cameron Micronutrients 36% Magnesium								
		Guarantee:		36	6					
		Found:	<input type="text"/>	31.59	6.06					
56349	00-00-00	Brand: 'Boron 10%								
		Guarantee:				10				
		Found:	<input type="text"/>			10.81				
57012	00-00-00	Brand: 'Cameron Micronutrient Magnesium 36%								
		Guarantee:		36	3					
		Found:	<input type="text"/>	30.64	5.827					
57029	00-00-00	Brand: 'Cameron Micronutrients Zinc 36%								
		Guarantee:								9
		Found:	<input type="text"/>			7.9498				33.22
57678	00-00-00	Brand: 'Cameron Micronutrients Magnesium 36%								
		Guarantee:		36	3					
		Found:	<input type="text"/>	39.51	4.523					
Central Crop Care Crab Orchard ,KY										
55783	00-00-22	Brand: 'K-Mag								
		Guarantee:		10.5	21					
		Found:	<input type="text"/>	10.9	21.81					
56600	20-12-17									
		Guarantee:		2.1101	4.2202	0.0444	0.0666			
		Found:	<input type="text"/>	2.142	4.406	0.0738	0.0747			
57732	21-00-00	Brand: 'AS								
		Guarantee:								24
		Found:	<input type="text"/>			23.3584				
57736	00-00-22	Brand: 'Kmag								
		Guarantee:		11	22					
		Found:	<input type="text"/>	10.87	22.71					
Central Garden & Pet Franklin ,WI										
56258	10-8-6	Brand: 'Pennington Ultra Green								
		Guarantee:	7	0.8	8		0.05	2	0.05	0.05
		Found:	11.51	2.178	9.257		0.0523	2.088	0.0599	0.0655

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57608	10-10-10	Brand: 'Pennington Ultra Green All Purpose Plant Food								
		Guarantee:	1	0.8	1		0.05	2	0.05	0.05
		Found:	5.07	3.51	5.9		0.0496	2.502	0.0627	0.0525
Central Garden & Pet Garden Division Atlanta ,GA										
56434	10-8-6	Brand: 'Pennington Ultra Green Azalea Camelia & Rhododendron								
		Guarantee:	1	0.8	8		0.05	2	0.05	0.05
		Found:	6.632	4.745	8.557		0.0429	2.799	0.0853	0.0593
57329	1-00-1	Brand: 'Ironite								
		Guarantee:	8		5			20		
		Found:	9.829		5.876			25.02		
57554	10-8-6	Brand: 'Azalea Camellia & Rhododendron								
		Guarantee:	7	0.8	8		0.05	2	0.05	0.05
		Found:	11.44	2.07	9.668		0.0506	2.677	0.0665	0.0656
CHS Crop Nutrients St. Paul ,MN										
56092	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			24.91					
57514	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			23.85					
CHS Crop Nutrients - Owensboro Owensboro ,KY										
56864	12-00-00	Brand: 'ATS								
		Guarantee:			26					
		Found:			25.0					
Clements Ag Supply Springfield ,KY										
57582	27-00-20									
		Guarantee:			3.5812					
		Found:			3.554					
57583	27-00-20									
		Guarantee:			3.5812					
		Found:			3.421					
57584	27-00-20									
		Guarantee:			3.5812					
		Found:			3.39					
CNI Agrimineral, LLC Albany ,GA										
57679	00-00-00	Brand: 'Ag-Min 36% Zinc								
		Guarantee:			3			8		36
		Found:			3.797			10.51		39.88
Compass Minerals USA Inc Overland Park ,KS										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
56716	4-25-00	Brand: 'Wolf Trax Nu-Trax P								
		Guarantee:							5	20
		Found:	<input type="text"/>						5.256	20.09
57026	00-00-00	Brand: 'WolfTrax 18.5% B								
		Guarantee:				18.5				
		Found:	<input type="text"/>			19.9				
Darling Ingredients Inc - TX Irving ,TX										
55473	27-00-2	Brand: '27-0-2 Nature Safe								
		Guarantee:	1							
		Found:	<input type="text" value="2.861"/>							
55474	21-3-7	Brand: '21-3-7 Nature Safe								
		Guarantee:	2		2					
		Found:	<input type="text" value="3.643"/>		2.87					
55475	18-00-4	Brand: '18-0-4 Nature Safe								
		Guarantee:				3				
		Found:	<input type="text"/>		5.156					
55476	16-00-2	Brand: '16-0-2 Nature Safe								
		Guarantee:	1		2					
		Found:	<input type="text" value="4.421"/>		4.149					
55477	12-00-6	Brand: '12-0-6 Nature Safe								
		Guarantee:	1		8					
		Found:	<input type="text" value="2.002"/>		7.695					
55479	12-2-6	Brand: '12-2-6 Nature Safe								
		Guarantee:	2		8					
		Found:	<input type="text" value="3.006"/>		9.17					
55480	10-2-8	Brand: '10-2-8 Nature Safe								
		Guarantee:	1.8		3					
		Found:	<input type="text" value="1.532"/>		5.116					
55481	10-00-8	Brand: '10-0-8 Nature Safe								
		Guarantee:	1.8		3					
		Found:	<input type="text" value="1.378"/>		5.947					
55482	7-12-00	Brand: '7-12-0 Nature Safe								
		Guarantee:	10							
		Found:	<input type="text" value="11.81"/>							
55483	9-00-9	Brand: '9-0-9 Nature Safe								
		Guarantee:				3				
		Found:	<input type="text"/>		4.945					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	55484	8-5-5	Brand: '8-5-5 Nature Safe							
			Guarantee:	4.5						1
			Found:	3.608						2.988
	55485	8-3-5	Brand: '8-3-5 Nature Safe							
			Guarantee:	3	2.2					4
			Found:	2.557	2.212					5.898
	55486	5-6-6	Brand: '5-6-6 Nature Safe							
			Guarantee:	5	1.5					
			Found:	7.12	3.49					
	57050	27-00-2	Brand: '27-0-2 Nature Safe							
			Guarantee:	1						
			Found:	1.071						
	57051	21-3-7	Brand: '21-3-7 Nature Safe							
			Guarantee:	2						2
			Found:	2.114						3.851
	57052	12-00-6	Brand: '12-0-6 Nature Safe							
			Guarantee:	1						8
			Found:	2.596						8.284
	57054	12-2-6	Brand: '12-2-6 Nature Safe							
			Guarantee:	2						8
			Found:	3.238						8.729
	57055	10-2-8	Brand: '10-2-8 Nature Safe							
			Guarantee:	1.8						3
			Found:	2.909						2.912
	57056	7-12-00	Brand: '7-12-0 Nature Safe							
			Guarantee:	10						
			Found:	10.4						
	57057	9-6-1	Brand: '9-6-1 Nature Safe							
			Guarantee:	5						
			Found:	8.494						
	57058	9-00-9	Brand: '9-0-9 Nature Safe							
			Guarantee:							3
			Found:							4.642
	57059	8-5-5	Brand: '8-5-5 Nature Safe							
			Guarantee:	4.5						1
			Found:	6.575						3.028
	57060	8-3-5	Brand: '8-3-5 Nature Safe							
			Guarantee:	3	2.2					4
			Found:	2.727	2.784					6.606

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57061	5-6-6	Brand: '5-6-6 Nature Safe								
		Guarantee:	5	1.5	4					
		Found:	7.711	3.365	7.11					
DeltAg Greenville ,MS										
56985	3-17-00	Brand: 'DeltAg PercPlus								
		Guarantee:					0.25			0.5
		Found:					0.23			0.452
Dr. Earth Inc Winters ,CA										
55177	4-6-3	Brand: 'Dr. Earth Home Grown								
		Guarantee:	7.5							
		Found:	8.956							
Drake's Farm Service, Inc. Morgantown ,KY										
56455	31-18-00									
		Guarantee:			3.6877					
		Found:			3.798					
56459	31-18-00									
		Guarantee:			3.6877					
		Found:			3.776					
56463	31-18-00									
		Guarantee:			3.6877					
		Found:			4.128					
Drexel Chemical Company Memphis ,TN										
56984	25-00-00	Brand: 'Drexel X 25-0-0 Plus 0.5% Boron								
		Guarantee:					0.5			
		Found:					0.5400			
Easy Gardener Waco ,TX										
55906	2-5-3	Brand: 'Jobes Organics Vegetable & Tomato								
		Guarantee:	7	0.5	1.4					
		Found:	8.188	0.496	4.314					
57555	2-5-3	Brand: 'Jobes Organic Vegetable & Tomato								
		Guarantee:	7	0.5	1.4					
		Found:	13.0	0.836	0.7950					
57571	3-5-6	Brand: 'Expert Gardener Vegetable and Tomato Food								
		Guarantee:	8	0.5	3					
		Found:	7.849	1.196	4.25					
57609	2-5-3	Brand: 'Jobes Organics Vegetable and Tomato Granular Plant Food								
		Guarantee:	7	0.5	1.4					
		Found:	14.22	0.802	1.4684					
Eau Claire CO-OP Oil Company Eau Claire ,WI										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55245	22-00-10	Brand: 'Menards Fall Lawn Food Winterizer						1		
		Guarantee:						1.004		
		Found:	<input type="text"/>							
55246	30-00-3	Brand: 'Menards Lawn Food						1		
		Guarantee:						0.832		
		Found:	<input type="text"/>							
55848	30-00-3	Brand: 'Menards Premium Lawn Food						1		
		Guarantee:						1.141		
		Found:	<input type="text"/>							
EcoScraps Marysville ,OH										
56373	5-4-6	Brand: 'EcoScraps Tomato Herb and Vegetable								
		Guarantee:	1							
		Found:	<input type="text" value="15.97"/>							
EnviroKure Inc Philadelphia ,PA										
55131	3-2-2	Brand: 'EK-L Plant Builder Plus 3-2-3 with 1% S								
		Guarantee:				1				
		Found:	<input type="text"/>			1.038				
Espoma Company Millville ,NJ										
55830	3-4-6	Brand: 'Espoma Organic Tomato-Tone								
		Guarantee:	8			3				
		Found:	<input type="text" value="10.98"/>			3.432				
55831	4-3-3	Brand: 'Espoma Organic Bio-Tone Starter Plus								
		Guarantee:	3	1	1					
		Found:	<input type="text" value="8.123"/>	1.214	1.554					
55903	4-3-4	Brand: '4-3-4 Espoma Berry-tone Organic Fruit & Berry								
		Guarantee:	3	1	5					
		Found:	<input type="text" value="6.834"/>	1.853	6.003					
Farmers Fertilizer - Smiths Grove Smiths Grove ,KY										
56587	24-15-13									
		Guarantee:				2.6667				
		Found:	<input type="text"/>			3.073				
56588	21-14-18									
		Guarantee:				2.3796				
		Found:	<input type="text"/>			2.856				
56589	19-14-18									
		Guarantee:				2.3796				
		Found:	<input type="text"/>			2.966				
Fleming County Farm Supply Flemingsburg ,KY										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57260	21-00-00	Brand: 'AS Guarantee: Found:			24 23.99					
Foxfarm Soil & Fertilizer Company Arcata ,CA										
56379	6-4-4	Brand: 'Grow Big Liquid Plant Food Guarantee: Found:		0.6 0.788		0.02 0.0215	0.05 0.0693	0.1 0.19	0.05 0.0696	0.05 0.0721
Frit Industries Ozark ,AL										
55198	00-00-00	Brand: 'F317G Guarantee: Found:								36 36.4
Galaxy Sulfur LLC Valdosta ,GA										
56136	00-00-00	Brand: 'Sulfur Guarantee: Found:			90 98.32					
Gaskins Fertilizer Russell Springs ,KY										
55988	21-00-00	Brand: 'AS Guarantee: Found:			24 23.95					
57206	26-22-00	Guarantee: Found:			5.8601 7.072	0.0243 0.0345	0.0243 0.0278			0.4851 0.599
57208	10-11-29	Guarantee: Found:			6.0732 6.993	0.0244 0.0269			0.4878 0.574	0.0976 0.122
57209	10-11-29	Guarantee: Found:			6.0732 7.096	0.0244 0.0264			0.4878 0.62	0.0976 0.134
57216	26-22-00	Guarantee: Found:			5.8601 6.965	0.0243 0.0347	0.0243 0.0355		0.097 0.124	0.4851 0.552
GreenPoint Ag, LLC Hardinsburg ,KY										
57629	21-00-00	Brand: 'AS Guarantee: Found:			24 23.5846					
Gro Tec Inc Madison ,GA										
55168	16-4-8	Brand: 'Expert Gardener Evergreen Tree and Shrub Guarantee: Found:						1 2.003	0.2 0.267	0.05 0.0738

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
55169	12-6-10	Brand: 'Expert Gardener Rose Plant Food							
		Guarantee:	3	1	7		1	0.2	0.05
		Found:	7.748	2.918	7.859		2.45	0.3	0.118
55190	32-00-10	Brand: 'Sta Green Winterizer							
		Guarantee:			1.4				
		Found:			1.668				
55740	12-5-7	Brand: 'All Purpose Plant Food							
		Guarantee:					0.5	0.2	0.05
		Found:					1.037	0.266	0.0767
55883	24-8-16	Brand: 'Expert Gardener All Purpose							
		Guarantee:			0.02	0.07	0.15	0.05	0.06
		Found:			0.0290	0.0616	0.144	0.0444	0.0492
55884	19-6-12	Brand: 'Expert Gardener Indoor & Outdoor Plant Food							
		Guarantee:							4.6
		Found:							4.961
55886	12-6-10	Brand: 'Expert Gardener Rose Plant Food							
		Guarantee:	3	1	7		1	0.2	0.05
		Found:	7.01	2.343	8.606		1.881	0.256	0.0948
55908	24-8-16	Brand: 'StaGreen All Purpose							
		Guarantee:			0.02	0.07	0.15	0.05	0.06
		Found:			0.0255	0.0692	0.152	0.0482	0.0558
55910	29-00-5	Brand: 'Sta-Green Lawn Fertilizer Plus 2% Iron							
		Guarantee:					2		
		Found:					2.262		
56375	24-8-16	Brand: 'Sta Green All Purpose							
		Guarantee:			0.02	0.07	0.15	0.05	0.06
		Found:			0.0245	0.0801	0.208	0.0543	0.118
56430	19-6-12	Brand: 'Sta Green All Purpose							
		Guarantee:							4.6
		Found:							4.661
56839	12-5-7	Brand: 'All-Purpose							
		Guarantee:					0.5	0.2	0.05
		Found:					0.783	0.189	0.0615
56840	12-10-5	Brand: 'Tomato & Vegetable							
		Guarantee:	3	2	7		1	0.2	0.05
		Found:	8.239	4.18	7.997		1.88	0.209	0.0514
56842	12-6-10	Brand: 'Rose Plant Food							
		Guarantee:	3	1	7		1	0.2	0.05
		Found:	8.225	2.091	8.064		2.253	0.41	0.0993

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
56843	16-4-8	Brand: 'Evergreen Tree & Shrub								
		Guarantee:						1	0.2	0.05
		Found:	<input type="text"/>					1.383	0.132	0.0417395
56844	24-8-16	Brand: 'All Purpose Water Soluble Plant Food				0.02	0.07	0.15	0.05	0.06
		Guarantee:								
		Found:	<input type="text"/>			0.0205	0.0508	0.118	0.0369	0.0465
57163	29-00-5	Brand: 'Lawn Fertilizer Plus Iron								
		Guarantee:						2		
		Found:	<input type="text"/>					2.256		
57572	16-4-8	Brand: 'Expert Gardener Evergreen Tree and Shrub Plant Food								
		Guarantee:						1	0.2	0.05
		Found:	<input type="text"/>					2.006	0.248	0.0638
Helena Agri-Enterprises - Hazel Hazel ,KY										
55375	6-16-34									
		Guarantee:		1.2498	2.6186					
		Found:	<input type="text"/>	1.741	3.87					
55376	6-16-34									
		Guarantee:		1.2498	2.6186					
		Found:	<input type="text"/>	1.854	4.108					
55377	6-16-34									
		Guarantee:		1.2498	2.6186					
		Found:	<input type="text"/>	1.829	4.158					
55378	6-16-34									
		Guarantee:		1.2498	2.6186					
		Found:	<input type="text"/>	1.999	4.367					
55379	6-16-34									
		Guarantee:		1.2498	2.6186					
		Found:	<input type="text"/>	1.978	4.448					
55380	6-16-34									
		Guarantee:		1.2498	2.6186					
		Found:	<input type="text"/>	2.116	4.677					
56554	17-19-7									
		Guarantee:		3.642	7.4189					0.1888
		Found:	<input type="text"/>	4.122	8.082					0.192
56555	17-19-7									
		Guarantee:		3.642	7.4189					0.1888
		Found:	<input type="text"/>	4.066	7.968					0.199

Helena Agri-Enterprises - Hickman Hickman ,KY

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
55516	6-7-19	Guarantee:		3.5297					
		Found:	<input type="text"/>	4.27					
55517	6-9-19	Guarantee:		2.8747					0.0737
		Found:	<input type="text"/>	3.517					0.102
55518	6-7-19	Guarantee:		3.5297					
		Found:	<input type="text"/>	3.837					
55519	6-7-19	Guarantee:		3.5297					
		Found:	<input type="text"/>	4.41					
56367	16-13-21	Guarantee:		4.3459	0.0146				0.3779
		Found:	<input type="text"/>	5.351	0.0136				0.38
57172	24-11-14	Guarantee:		3.8062					
		Found:	<input type="text"/>	4.649					
57173	24-11-14	Guarantee:		3.8062					
		Found:	<input type="text"/>	4.534					
57180	11-18-24	Guarantee:		4.8					
		Found:	<input type="text"/>	5.885					
57181	11-15-27	Guarantee:		5.3333					
		Found:	<input type="text"/>	6.367					
57182	11-15-27	Guarantee:		5.3333					
		Found:	<input type="text"/>	6.294					
57183	11-15-27	Guarantee:		5.3333					
		Found:	<input type="text"/>	6.587					
57184	11-15-27	Guarantee:		5.3333					
		Found:	<input type="text"/>	6.773					

Helena Agri-Enterprises, LLC - Collierville Collierville ,TN

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55604	00-00-22	Brand: 'K-Mag								
		Guarantee:		10.8	22					
		Found:	<input type="text"/>	11.17	24.89					
56364	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		26.25					
57177	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.2					
Henry Farmers Cooperative - Murray Murray ,KY										
56400	4-00-48									
		Guarantee:			4.8806	0.0396				0.0831
		Found:	<input type="text"/>		4.73	0.0334				0.0716
56402	4-00-48									
		Guarantee:			4.8806	0.0396				0.0831
		Found:	<input type="text"/>		5.128	0.0400				0.0731
56615	11-20-26									
		Guarantee:			3.4286					
		Found:	<input type="text"/>		3.904					
56616	11-20-26									
		Guarantee:			3.4286					
		Found:	<input type="text"/>		4.019					
56617	10-20-27									
		Guarantee:		0.1427	2.442	0.0426				0.099
		Found:	<input type="text"/>	0.44	3.166	0.0675				0.0585
56619	17-16-21									
		Guarantee:			2.7746	0.0339				0.071
		Found:	<input type="text"/>		2.911	0.0434				0.0612
56620	17-16-21									
		Guarantee:			2.7746	0.0339				0.071
		Found:	<input type="text"/>		3.32	0.0496				0.0711
Henry Farmers Cooperative - Paris Paris ,TN										
55240	00-00-22	Brand: 'K-Mag								
		Guarantee:		10.8	22					
		Found:	<input type="text"/>	11.08	25.04					
56184	28-00-00	Brand: '28-0-0 w/4S								
		Guarantee:			4					
		Found:	<input type="text"/>		3.992					

Hinton Mills at Cynthiana Cynthiana ,KY

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	57255	40-00-00	Guarantee:		6					
			Found:	<input type="text"/>	6.043					
	57256	40-00-00	Guarantee:		6					
			Found:	<input type="text"/>	5.529					
	57257	40-00-00	Guarantee:		6					
			Found:	<input type="text"/>	5.824					
	57258	40-00-00	Guarantee:		6					
			Found:	<input type="text"/>	6.436					
	57259	40-00-00	Guarantee:		6					
			Found:	<input type="text"/>	5.554					
Hydrite Chemical Company Brookville ,WI										
	56280	12-00-00	Brand: 'ATS		26					
			Guarantee:							
			Found:	<input type="text"/>	25.0052					
	56281	7-24-6	Brand: 'Hydri-Gro		4					
			Guarantee:							
			Found:	<input type="text"/>	4.206					
	57824	12-00-00	Brand: 'ATS		26					
			Guarantee:							
			Found:	<input type="text"/>	26.29					
IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres ,M										
	55849	3-6-4	Brand: 'Burpee Organic Tomato + Vegetable							
			Guarantee:	5	0.8	1		0.3	0.05	
			Found:	<input type="text" value="5.169"/>	0.715	1.876		0.4	0.03	
	55882	4-4-4	Brand: 'Burpee Natural Organic All Purpose							
			Guarantee:	5	0.8	1		0.3	0.05	
			Found:	3.665	0.803	1.205		0.447	0.0409	
	55887	3-5-6	Brand: 'Expert Gardener Organics Vegetable & Tomato Food							
			Guarantee:	8	0.5	3				
			Found:	<input type="text" value="7.64"/>	0.89	3.624				
	56372	4-4-4	Brand: 'Burpee Natural Organic All Purpose							
			Guarantee:	5	0.8	1		0.3	0.05	
			Found:	3.695	0.662	1.354		0.571	0.0341	

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57570	5-4-4	Brand: 'Expert Gardener All Purpose Plant Food								
		Guarantee:	8	1	1.4					
		Found:	5.484	1.056	1.914					
57597	4-4-4	Brand: 'Burpee Organic All Purpose								
		Guarantee:	5	0.8	1			0.3	0.05	
		Found:	3.5725	0.6139	1.256			0.5481	0.0325	
Innkvictis Crop Care LLC Loveland ,CO										
56507	10-20-5	Brand: 'Captivate 10-20-5								
		Guarantee:			1					0.43
		Found:			1.091					0.423
57541	00-00-23	Brand: 'Diverse K								
		Guarantee:			8					
		Found:			7.811					
57542	8-21-6	Brand: 'Thrive								
		Guarantee:				0.05	0.1	0.2	0.1	0.1
		Found:				0.0573	0.0806	0.335	0.102	0.125
57543	12-9-6	Brand: 'V-Agri								
		Guarantee:				0.22	0.05	0.1	0.2	0.05
		Found:				0.284	0.0477	0.0924	0.182	0.0527
J. R. Peters Allentown ,PA										
56800	20-20-20	Brand: 'Jacks Classic All Purpose								
		Guarantee:				0.02	0.05	0.1	0.05	0.05
		Found:				0.0213	0.0509	0.104	0.0553	0.0618
Janes Fertilizer & Farm Supply Columbia ,KY										
55933	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:			24.83					
57422	30-00-12									
		Guarantee:			4.6154					
		Found:			5.406					
57605	8-13-33									
		Guarantee:			3.3333					
		Found:			4.242					
JM Fertilizer Tampa ,FL										
57231	00-00-00	Brand: 'Sulfur 90								
		Guarantee:			90					
		Found:			92.32					
Kee's Farm Service & Supply, LLC. Grayson ,KY										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57680	32-00-17									
		Guarantee:								0.6996
		Found:	<input type="text"/>							0.722
Kentucky Fertilizer - Winchester Winchester ,KY										
57193	35-00-00	Brand: 'Kentucky Green								
		Guarantee:			9.5					
		Found:	<input type="text"/>		9.942					
57753	35-00-00	Brand: 'KY Green								
		Guarantee:			9.5					
		Found:	<input type="text"/>		11.46					
Knox Fertilizer Company Inc Knox ,IN										
55850	15-5-15	Brand: 'Schultz Rose & Flower								
		Guarantee:			7.5	0.02	0.05	1.11	0.05	0.05
		Found:	<input type="text"/>		7.714	0.0417	0.0948	1.227	0.0989	0.191
57801	5-10-5	Brand: 'Schultz Starter Plus								
		Guarantee:						0.1		
		Found:	<input type="text"/>					0.103		
Loveland Products, Inc. Greeley ,CO										
55823	7-17-3	Brand: 'Riser 7-17-3								
		Guarantee:					0.07	0.2	0.06	0.95
		Found:	<input type="text"/>				0.089	0.244	0.0636	0.963
55824	7-17-3	Brand: 'Riser 7-17-3								
		Guarantee:					0.07	0.2	0.06	0.95
		Found:	<input type="text"/>				0.0637	0.217	0.0629	0.947
55825	7-17-3	Brand: 'Riser 7-17-3								
		Guarantee:					0.07	0.2	0.06	0.95
		Found:	<input type="text"/>				0.06	0.207	0.0597	0.9
57303	6-20-00	Brand: 'Black Label ZN								
		Guarantee:								0.77
		Found:	<input type="text"/>							0.744
Marshall County Coop Benton ,KY										
55916	30-00-00	Brand: '30-0-0								
		Guarantee:			8					
		Found:	<input type="text"/>		6.8212					
56109	18-18-15									
		Guarantee:			2.8					
		Found:	<input type="text"/>		3.844					
56110	18-18-15									
		Guarantee:			2.8					
		Found:	<input type="text"/>		2.905					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
56672	30-00-00	Brand: '30-0-0 w/ 8 S								
		Guarantee:			8					
		Found:	<input type="text"/>		7.773					
56673	18-18-15									
		Guarantee:			2.8					
		Found:	<input type="text"/>		3.779					
56674	18-18-15									
		Guarantee:			2.8					
		Found:	<input type="text"/>		4.084					
56675	18-18-15									
		Guarantee:			2.7907					
		Found:	<input type="text"/>		3.841					
56676	18-18-15									
		Guarantee:			2.793					
		Found:	<input type="text"/>		3.778					
56677	20-9-15									
		Guarantee:			4.4888					
		Found:	<input type="text"/>		4.909					
Martin Operating Partnership LP Kilgore ,TX										
55199	00-00-00	Brand: 'Disper-Sul 90%								
		Guarantee:			90					
		Found:	<input type="text"/>		93.8					
56529	00-00-00	Brand: 'Disper-Sul 90%								
		Guarantee:			90					
		Found:	<input type="text"/>		89.08					
Mays Lick Mill Mayslick ,KY										
57362	29-00-00									
		Guarantee:			16					
		Found:	<input type="text"/>		15.24					
57365	00-00-32									
		Guarantee:				0.5426				
		Found:	<input type="text"/>			0.5110				
Miracle-Gro Lawn Products, Inc. Marysville ,OH										
55852	18-6-12	Brand: 'Miracle-Gro Shake n Feed Flowering Trees & Shrubs								
		Guarantee:	3.3		6.9			2		1
		Found:	<input type="text" value="4.138"/>		7.883			2.658		1.141
55853	9-2-7	Brand: 'Miracle-Gro Performance Organics All Purpose								
		Guarantee:	2	0.5	1					
		Found:	<input type="text" value="2.547"/>	0.757	2.442					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	55901	11-3-8	Brand: 'Miracle-Gro Performance Organics							
			Guarantee:	3			0.05	0.1	0.05	0.05
			Found:	3.991			0.0749	0.199	0.0729	0.0697
	55909	10-5-15	Brand: 'Miracle-Gro Shake n Feed Tomato Fruit & Vegetable							
			Guarantee:	5.6	2.9	6	0.05	0.92	0.34	0.11
			Found:	6.928	3.432	7.311	0.0683	1.206	0.401	0.127
	56374	9-2-7	Brand: 'Miracle Gro Performance Organics All Purpose							
			Guarantee:	2	0.5	1				
			Found:	2.715	0.81	2.484				
	56433	12-4-8	Brand: 'Miracle Gro Shake n Feed All Purpose							
			Guarantee:	7.6	2.5	3.2	0.06	0.95	0.35	0.12
			Found:	9.625	4.016	4.352	0.0705	1.205	0.383	0.17
	56989	11-3-8	Brand: 'Performance Organics							
			Guarantee:	3			0.05	0.1	0.05	0.05
			Found:	4.824			0.0736	0.186	0.0687	0.0766
	57575	18-18-21	Brand: 'Miracle Gro Plant Food Vegetables and Herbs							
			Guarantee:		0.5	0.02	0.05	0.1	0.05	0.05
			Found:		0.522	0.0233	0.0519	0.101	0.0519	0.0483
	57576	9-2-7	Brand: 'Performance Organics							
			Guarantee:		0.05	1				
			Found:		0.726	2.328				
	57804	9-4-9	Brand: 'Miracle Gro Liquafeed Tomato Fruits & Vegetables							
			Guarantee:						0.05	0.05
			Found:						0.0523	0.0568
	57805	12-4-8	Brand: 'Miracle Gro Liquafeed All Purpose							
			Guarantee:						0.05	0.05
			Found:						0.0459	0.0575
	57807	12-4-8	Brand: 'Miracle Gro All Purpose Plant Food							
			Guarantee:					0.1	0.05	0.05
			Found:					0.102	0.0417	0.0528
	57808	10-3-6	Brand: 'Nature s Care Natural All Purpose Plant Food							
			Guarantee:	3		1.5				
			Found:	4.568		1.971				
	57809	18-18-21	Brand: 'Miracle Gro Water Soluble Plant Food Vegetables & Herbs							
			Guarantee:		0.5	0.02	0.05	0.1	0.05	0.05
			Found:		0.604	0.0287	0.057	0.122	0.061	0.054

Monty's Plant Food Louisville ,KY

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	56380	8-16-8	Brand: 'Premium Growth Plant Food							
			Guarantee:					0.3		0.05
			Found:	<input type="text"/>				0.344		0.0621
	56563	6-18-6	Brand: 'Monty s 6-18-6 with Sulfur and Zinc							
			Guarantee:		1					
			Found:	<input type="text"/>	1.15					
	56761	6-24-6	Brand: 'Monty s Premium Blend 6-24-6							
			Guarantee:		1					0.05
			Found:	<input type="text"/>	1.042					0.0418
	56959	6-18-6	Brand: 'Monty s 6-18-6 with Sulfur and Zinc							
			Guarantee:		1					0.05
			Found:	<input type="text"/>	1.006					0.0486
	56960	6-00-00	Brand: 'Monty s 6-18-6 with Sulfur and Zinc							
			Guarantee:		1					0.05
			Found:	<input type="text"/>	0.81					0.0457
	57030	00-00-00	Brand: 'Dri-Sulfur 42							
			Guarantee:		42					
			Found:	<input type="text"/>	42.72					
Nachurs Alpine Solutions Corporation Marion ,OH										
	56988	5-15-15	Brand: 'Nachurs Big Leaf							
			Guarantee:		1					0.05
			Found:	<input type="text"/>	0.979					0.0587
NOT IN USAPLANTS Lexington ,KY										
	56802	17-9-26	Brand: 'Epiphyte s Delight							
			Guarantee:			0.02	0.05	0.1	0.05	0.05
			Found:	<input type="text"/>		0.0036	0.0013	0.102	0.0529	0.0033
Nutrien Ag Solutions - Russellville Russellville ,KY										
	55453	8-20-26								
			Guarantee:	2.3572	4.7144					
			Found:	<input type="text"/>	2.772	6.352				
	55454	8-20-26								
			Guarantee:	2.3572	4.7144					
			Found:	<input type="text"/>	2.896	6.473				
	55455	9-23-25								
			Guarantee:	1.5715	3.143					
			Found:	<input type="text"/>	2.195	4.955				
	55456	9-23-25								
			Guarantee:	1.5715	3.143					
			Found:	<input type="text"/>	2.122	4.83				

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55457	8-20-26	Guarantee:		2.357	4.7139					
		Found:	<input type="text"/>	2.829	6.811					
55458	8-20-26	Guarantee:		2.357	4.7139					
		Found:	<input type="text"/>	2.868	6.288					
55459	8-20-26	Guarantee:		2.3572	4.7144					
		Found:	<input type="text"/>	2.981	6.591					
55460	8-20-26	Guarantee:		2.3572	4.7144					
		Found:	<input type="text"/>	2.962	6.785					
55461	9-23-25	Guarantee:		1.5715	3.143					
		Found:	<input type="text"/>	1.983	4.167					
55462	9-23-25	Guarantee:		1.5715	3.143					
		Found:	<input type="text"/>	2.251	4.914					
Nutrien Ag Solutions - Campbellsville Campbellsville ,KY										
57072	42-00-00	Guarantee:			3.5249					
		Found:	<input type="text"/>		2.5246					
57073	42-00-00	Guarantee:			3.5249					
		Found:	<input type="text"/>		2.4734					
57074	18-17-17	Guarantee:			4.3051					
		Found:	<input type="text"/>		4.788					
57075	18-17-17	Guarantee:			4.3051					
		Found:	<input type="text"/>		5.143					
57076	18-17-17	Guarantee:			4.3051					
		Found:	<input type="text"/>		5.189					
57079	40-00-00	Guarantee:			4.7497					
		Found:	<input type="text"/>		5.122					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
57080	19-00-25									
		Guarantee:			6.7601					0.2641
		Found:	<input type="text"/>		7.043					0.232996
57081	18-18-18									
		Guarantee:			4.3961					
		Found:	<input type="text"/>		5.026					
Nutrien Ag Solutions - Cecilia Cecilia ,KY										
56413	7-24-24									
		Guarantee:			5.9908					
		Found:	<input type="text"/>		6.32					
56414	7-24-24									
		Guarantee:			5.9908					
		Found:	<input type="text"/>		6.67					
Nutrien Ag Solutions - Clarkson Clarkson ,KY										
56416	18-12-18									
		Guarantee:	3.15		2.55					
		Found:	<input type="text" value="3.541"/>		3.103					
56417	18-12-18									
		Guarantee:	3.15		2.55					
		Found:	<input type="text" value="3.167"/>		3.058					
Nutrien Ag Solutions - Clay Clay ,KY										
57443	16-15-22									
		Guarantee:			3.748					
		Found:	<input type="text"/>		4.387					
57444	16-15-22									
		Guarantee:			3.748					
		Found:	<input type="text"/>		4.376					
57445	10-18-27									
		Guarantee:			4.4788					
		Found:	<input type="text"/>		5.085					
57446	10-18-27									
		Guarantee:			4.4788					
		Found:	<input type="text"/>		5.197					
57447	10-18-27									
		Guarantee:			4.4422					
		Found:	<input type="text"/>		5.192					
57448	10-18-27									
		Guarantee:			4.4423					
		Found:	<input type="text"/>		5.044					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
57449	6-20-30									
		Guarantee:			4.9974					
		Found:	<input type="text"/>		5.538					
57450	6-20-30									
		Guarantee:			4.9973					
		Found:	<input type="text"/>		5.856					
57451	6-20-30									
		Guarantee:			4.9973					
		Found:	<input type="text"/>		5.356					
Nutrien Ag Solutions - Clinton Clinton ,KY										
55520	4-6-21									
		Guarantee:			4.5837	0.1147				0.4284
		Found:	<input type="text"/>		5.736	0.1330				0.455
55524	4-4-23									
		Guarantee:			5.1173	0.1292				0.4814
		Found:	<input type="text"/>		6.937	0.1570				0.663
55525	6-20-30									
		Guarantee:			5					
		Found:	<input type="text"/>		5.965					
55526	6-20-30									
		Guarantee:			5					
		Found:	<input type="text"/>		5.039					
57170	10-00-30									
		Guarantee:			10.5					
		Found:	<input type="text"/>		13					
57171	10-00-30									
		Guarantee:			10.5					
		Found:	<input type="text"/>		13.3					
57321	10-12-30									
		Guarantee:			6					
		Found:	<input type="text"/>		6.674					
57322	10-12-30									
		Guarantee:			6					
		Found:	<input type="text"/>		6.381					
Nutrien Ag Solutions - Ekron Ekron ,KY										
56575	16-16-16									
		Guarantee:			3.9546					
		Found:	<input type="text"/>		4.214					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
56576	24-18-8									
		Guarantee:			4.3781					0.4842
		Found:	<input type="text"/>		4.334					0.489
56577	24-18-8									
		Guarantee:			4.3781					0.4842
		Found:	<input type="text"/>		4.036					0.452
56578	17-17-17									
		Guarantee:			4.3043					
		Found:	<input type="text"/>		4.679					
56582	18-17-17									
		Guarantee:			4.2802					
		Found:	<input type="text"/>		4.499					
56583	18-18-18									
		Guarantee:			4.3981					
		Found:	<input type="text"/>		4.532					
56584	25-13-13									
		Guarantee:			3.183					
		Found:	<input type="text"/>		3.442					
56585	23-14-14									
		Guarantee:			3.5032					
		Found:	<input type="text"/>		3.937					
56586	23-14-14									
		Guarantee:			3.5047					
		Found:	<input type="text"/>		3.797					
Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY										
56393	11-18-24									
		Guarantee:			5.0382					
		Found:	<input type="text"/>		5.732					
56394	11-18-24									
		Guarantee:			5.0382					
		Found:	<input type="text"/>		5.757					
56397	11-18-24									
		Guarantee:			5.04					
		Found:	<input type="text"/>		5.294					
56398	11-18-24									
		Guarantee:			5.04					
		Found:	<input type="text"/>		5.65					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57122	8-00-37	Guarantee:			9.282					
		Found:	<input type="text"/>		9.78					
57123	11-18-24	Guarantee:			4.76					
		Found:	<input type="text"/>		5.727					
57124	11-18-24	Guarantee:			4.76					
		Found:	<input type="text"/>		5.792					
57125	11-18-24	Guarantee:			4.76					
		Found:	<input type="text"/>		5.608					
57126	7-17-31	Guarantee:	0.6667		3.3333	0.05		0.0333		0.5
		Found:	0.904		4.43	0.0444		0.413		0.507
57127	7-17-31	Guarantee:	0.6667		3.3333	0.05		0.0333		0.5
		Found:	0.931		4.464	0.0497		0.41		0.539
Nutrien Ag Solutions - Greeley Greeley ,CO										
55201	12-40-00	Brand: 'MES								
		Guarantee:			10					
		Found:	<input type="text"/>		10.86					
55247	00-00-22	Brand: 'K-Mag								
		Guarantee:		11	22					
		Found:	<input type="text"/>	11.22	24.6					
55249	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.36					
55250	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.01					
55271	12-40-00	Brand: 'MES10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.01					
55335	00-00-58	Brand: '0-0-58-0.5B Aspire								
		Guarantee:				0.5				
		Found:	<input type="text"/>			0.478				

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55337	12-40-00	Brand: 'MES10 Guarantee: Found:			10 10.2					
55341	12-40-00	Brand: 'MES10 Guarantee: Found:			10 10.04					
55521	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 10.99					
55523	21-00-00	Brand: 'AS Guarantee: Found:			24 25.4					
55612	20-00-00	Brand: 'AS Guarantee: Found:			24 26.91					
55615	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 11.88					
55617	00-00-22	Brand: 'Sul-Po-Mag Guarantee: Found:		11 10.71	22 22.78					
55643	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 10.87					
55645	21-00-00	Brand: 'AS Guarantee: Found:			24 24.61					
55683	20-00-00	Brand: 'AS Guarantee: Found:			24 24.54					
55685	00-00-58	Brand: 'Aspire Guarantee: Found:				0.5 0.5230				
55686	12-40-00	Brand: 'MES Z Guarantee: Found:			10 10.91					1 0.9196
55689	00-00-22	Brand: 'K-Mag Guarantee: Found:		11 10.3169	22 22.71					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55713	00-00-00	Brand: 'SUL4-PLUS Guarantee: 21 Found: 18.119			17 16.2621		0.0020			
55714	21-00-00	Brand: 'AMS Guarantee: Found:			24 25.03					
55754	00-00-00	Brand: 'Sul4r-Plus Guarantee: 18 Found: 19.3311			16 16.0669	0.5 0.5160				1.5 1.501
55759	20-00-00	Brand: AS Guarantee: Found:			24 23.78					
55821	12-40-00	Brand: 'MEZ Guarantee: Found:			10 10.84					
55827	00-00-58	Brand: 'Aspire 0-0-58 Guarantee: Found:				0.5 0.5310				
55829	12-40-00	Brand: 'MES10 Guarantee: Found:			10 10.22					
55976	12-40-00	Brand: 'MES Guarantee: Found:			10 9.782					
55977	12-40-00	Brand: 'MES Guarantee: Found:			10 9.879					
56010	20-00-00	Brand: 'Ammonium Sulfate Guarantee: Found:			24 23.35					
56012	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 10.45					
56073	12-40-00	Brand: 'MES10 Guarantee: Found:			10 11.05					
56158	20-00-00	Brand: 'AMS Guarantee: Found:			24 25.7					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
56396	20-00-00	Brand: 'AS Guarantee: Found:			24 23.64					
56574	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 9.53					
56579	00-00-22	Brand: 'KMag Guarantee: Found:		11 11.01	22 21.35					
56822	20-00-00	Brand: 'AS Guarantee: Found:			24 25.31					
56831	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 10.1					
56837	20-00-00	Brand: 'AS Guarantee: Found:			24 25.4381					
56952	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 10.85					
56963	12-40-00	Brand: 'MEZ Guarantee: Found:			10 10.68					
57085	12-40-00	Brand: 'MES10 Guarantee: Found:			10 10.56					
57121	20-00-00	Brand: 'AS Guarantee: Found:			23.8 25.3					
57517	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 10.36					
57519	21-00-00	Brand: 'AS Guarantee: Found:			24 23.12					
57562	12-40-00	Brand: 'MES 10 Guarantee: Found:			10 10.74					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57567	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.1					
Nutrien Ag Solutions - Hardin Hardin ,KY										
57281	12-12-30									
		Guarantee:			3.5443					
		Found:	<input type="text"/>		4.276					
57282	12-12-30									
		Guarantee:			3.5443					
		Found:	<input type="text"/>		4.423					
57283	13-12-30									
		Guarantee:			2.999					
		Found:	<input type="text"/>		3.581					
57284	13-12-30									
		Guarantee:			2.999					
		Found:	<input type="text"/>		3.882					
57285	13-12-30									
		Guarantee:			2.999					
		Found:	<input type="text"/>		3.77					
57286	13-12-30									
		Guarantee:			2.999					
		Found:	<input type="text"/>		3.372					
Nutrien Ag Solutions - Hodgenville Hodgenville ,KY										
55560	00-7-20									
		Guarantee:	4.7421		4.2152	0.1317				0.3952
		Found:	<input type="text" value="6.663"/>		4.129	0.1240				0.378
Nutrien Ag Solutions - Horse Cave Horse Cave ,KY										
55465	11-15-23									
		Guarantee:			3.9773					
		Found:	<input type="text"/>		4.684					
56197	20-18-18									
		Guarantee:			1.6					
		Found:	<input type="text"/>		2.465					
56790	2-17-30									
		Guarantee:			1.7778					
		Found:	<input type="text"/>		2.92					
56792	24-15-6									
		Guarantee:		2.933	5.8659					
		Found:	<input type="text"/>	2.903	6.33					

Nutrien Ag Solutions - Kevil Kevil ,KY

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
57304	11-19-25									
		Guarantee:			4					
		Found:	<input type="text"/>		4.564					
Nutrien Ag Solutions - Lebanon Lebanon ,KY										
57396	26-00-17									
		Guarantee:	2.1397		2.2823	0.0713				0.214
		Found:	<input type="text" value="2.852"/>		2.348	0.0685				0.209
57400	8-19-25									
		Guarantee:	2.4989		2.6655	0.0833				0.2499
		Found:	<input type="text" value="3.423"/>		3.346	0.0858				0.232
57401	22-8-16									
		Guarantee:	2.0525		2.1893	0.0684				0.2052
		Found:	<input type="text" value="2.652"/>		2.397	0.0691				0.185
Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY										
57836	30-00-00									
		Guarantee:			2.6006					
		Found:	<input type="text"/>		5.279					
57838	32-00-00									
		Guarantee:			0.65					
		Found:	<input type="text"/>		0.821					
57845	29-00-00									
		Guarantee:			3.8417					
		Found:	<input type="text"/>		7.186					
57846	26-00-00									
		Guarantee:			4.0322					
		Found:	<input type="text"/>		4.383					
57847	26-00-00									
		Guarantee:			4.0415					
		Found:	<input type="text"/>		4.032					
Nutrien Ag Solutions - Morganfield Morganfield ,KY										
56735	6-20-30									
		Guarantee:			5					
		Found:	<input type="text"/>		4.991					
56736	6-20-30									
		Guarantee:			5					
		Found:	<input type="text"/>		5.156					
56737	6-20-30									
		Guarantee:			5					
		Found:	<input type="text"/>		5.015					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
56738	6-20-30	Guarantee:		5					
		Found:	<input type="text"/>	5.152					
56739	15-43-00	Guarantee:		5					
		Found:	<input type="text"/>	5.777					
56740	15-43-00	Guarantee:		5					
		Found:	<input type="text"/>	5.814					
Nutrien Ag Solutions - Pembroke Pembroke ,KY									
55316	8-24-26	Guarantee:		4.2857					
		Found:	<input type="text"/>	4.41					
55317	8-24-26	Guarantee:		4.2857					
		Found:	<input type="text"/>	4.818					
55318	8-24-26	Guarantee:		4.2857					
		Found:	<input type="text"/>	4.154					
56267	14-16-23	Guarantee:		4	0.2				0.4
		Found:	<input type="text"/>	4.641	0.205				0.411
56268	6-20-28	Guarantee:		5.1	0.245				0.51
		Found:	<input type="text"/>	5.878	0.245				0.509
56269	6-20-28	Guarantee:		5.1	0.245				0.51
		Found:	<input type="text"/>	5.683	0.248				0.494
Nutrien Ag Solutions - Riverport Owensboro ,KY									
56903	11-19-25	Guarantee:		3.7575					
		Found:	<input type="text"/>	4.186					
56904	11-19-25	Guarantee:		3.7758					
		Found:	<input type="text"/>	4.482					
56905	11-19-25	Guarantee:		3.7575					
		Found:	<input type="text"/>	4.268					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
56906	11-19-25									
		Guarantee:			3.7575					
		Found:	<input type="text"/>		4.379					
56911	4-13-40									
		Guarantee:			3.3371					
		Found:	<input type="text"/>		3.449					
Nutrien Ag Solutions - Sedalia Sedalia ,KY										
56188	9-23-20									
		Guarantee:		2.75	5.5					
		Found:	<input type="text"/>	3.111	7.181					
56189	9-23-20									
		Guarantee:		2.75	5.5					
		Found:	<input type="text"/>	3.039	7.131					
Nutrien Ag Solutions - Shelbyville Shelbyville ,KY										
56993	22-6-6									
		Guarantee:	5.6594		5.0306	0.1572				0.4716
		Found:	<input type="text" value="6.299"/>		5.455	0.1620				0.395
57792	4-10-27									
		Guarantee:	5.9982		5.3317	0.1666				0.4998
		Found:	<input type="text" value="5.569"/>		4.979	0.1880				0.5
57793	18-13-17									
		Guarantee:	3.1026		2.7579	0.0862				0.2585
		Found:	<input type="text" value="3.97"/>		3.254	0.1100				0.259
Nutrien Ag Solutions - Union City Union City ,TN										
56830	12-17-22									
		Guarantee:			5.9976					
		Found:	<input type="text"/>		6.328					
57596	11-20-26									
		Guarantee:			3.4284					
		Found:	<input type="text"/>		4.631					
Nutrien Ag Solutions - Upton Upton ,KY										
55421	00-8-20									
		Guarantee:	5.2654		4.2625					
		Found:	<input type="text" value="7.7482"/>		4.21					
55422	00-7-20									
		Guarantee:	5.5375		4.4827					
		Found:	<input type="text" value="8.1586"/>		4.639					
55423	00-7-20									
		Guarantee:	5.5375		4.4827					
		Found:	<input type="text" value="6.702"/>		4.384					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
55424	00-7-20		Guarantee: 5.5375 Found: 6.643		4.4827 4.457					
56549	9-22-29		Guarantee: 0.3226 Found: 0.477	0.1613 0.575	0.0484 1.008	0.3226 0.3180				
56564	7-23-23		Guarantee: Found:		5.828 6.492				0.5686 0.572	
56565	7-23-23		Guarantee: Found:		5.828 6.476				0.5686 0.589	
56566	7-23-23		Guarantee: Found:		5.828 6.6				0.5686 0.602	
Nutrien Ag Solutions - Waverly Waverly ,KY										
55527	4-15-22		Guarantee: Found:		3.7342 3.493					
55528	4-15-22		Guarantee: Found:		3.7342 4.415					
55529	4-15-22		Guarantee: Found:		3.7342 4.151					
55530	4-15-22		Guarantee: Found:		3.7342 4.054					
55531	4-15-22		Guarantee: Found:		3.7342 3.892					
55532	4-15-22		Guarantee: Found:		3.7342 4.19					
55533	6-20-29		Guarantee: Found:		4.9821 5.391	0.1243 0.1330			0.0272 0.0423	

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
55534	6-20-29	Guarantee:			4.9821	0.1243				0.0272
		Found:	<input type="text"/>		5.448	0.1350				0.0307
55535	6-20-29	Guarantee:			4.9821	0.1243				0.0272
		Found:	<input type="text"/>		5.243	0.1380				0.0664
55536	6-20-29	Guarantee:			4.9821	0.1243				0.0272
		Found:	<input type="text"/>		5.159	0.1400				0.0367
55537	6-20-29	Guarantee:			4.9821	0.1243				0.0272
		Found:	<input type="text"/>		4.869	0.1440				0.0614
Nutrien Ag Solutions Inc Henderson ,KY										
57829	32-00-00	Guarantee:			0.0531					
		Found:	<input type="text"/>		0.0361					
57834	32-00-00	Guarantee:			0.0533					
		Found:	<input type="text"/>		0.0353					
57843	31-00-00	Guarantee:			0.3495					
		Found:	<input type="text"/>		0.419					
Oregon Ag, LLC. Lititz ,PA										
55948	10-10-10	Brand: 'Super Start with Potash								
		Guarantee:	3		14	0.15				
Found:	<input type="text" value="9.836"/>		13.5	0.1250						
Organic Laboratories Inc Fort Pierce ,FL										
55888	4-2-6	Brand: 'Plant Doctor Tomato Maker								
		Guarantee:	6	0.5			0.3			
Found:	<input type="text" value="6.519"/>	3.334			0.41					
Otis Bryant & Son, Inc. Caneyville ,KY										
56540	20-00-27	Guarantee:			5.332					
		Found:	<input type="text"/>		4.987					
56542	18-18-19	Guarantee:			3.8298					
		Found:	<input type="text"/>		3.791					
Pearl Valley Farms dba Pearl Valley Organix Pearl City ,IL										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	55333	2-4-3	Brand: 'HG 2-4-3							
			Guarantee:	8						
			Found:	13.93						
	57639	2-4-3	Brand: 'Coop Poop All Purpose Garden Food							
			Guarantee:	8	0.6					
			Found:	15.9	0.912					
	57828	1-00-00	Brand: 'Dave Thompson s Organic Worm Castings							
			Guarantee:	1				0.2		
			Found:	0.761				0.657		
Pinnacle Ag - Franklin Franklin ,KY										
	55400	9-23-23	Guarantee:	2.3333		1.8889				
			Found:	2.483		2.694				
	55401	9-23-23	Guarantee:	2.3333		1.8889				
			Found:	2.674		2.857				
	56317	19-31-00	Guarantee:			8				
			Found:			11.43				
	56318	19-31-00	Guarantee:			8				
			Found:			10.75				
Pinnacle Ag - Fancy Farm Fancy Farm ,KY										
	56399	7-00-39	Guarantee:			8.4002				
			Found:			7.927				
	56607	7-17-22	Guarantee:	4.5		4	0.125			0.375
			Found:	4.767		4.823	0.1270			0.344
	56608	7-17-22	Guarantee:	4.5		4	0.125			0.375
			Found:	5.064		4.997	0.1410			0.366
	57006	26-4-16	Guarantee:			4.3568				
			Found:			4.663				
	57655	24-7-17	Guarantee:			5.1434				
			Found:			5.517				

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
57656	24-7-17								
		Guarantee:		5.1434					
		Found:		5.064					
Pinnacle Ag - Glasgow Glasgow ,KY									
56094	18-18-18								
		Guarantee:		3.5545					
		Found:		4.945					
Pinnacle Ag - Hartford Hartford ,KY									
57709	43-00-00								
		Guarantee:		2.6526					
		Found:		3.028					
57710	43-00-00								
		Guarantee:		2.6526					
		Found:		2.778					
57711	43-00-00								
		Guarantee:		2.6526					
		Found:		2.857					
Pinnacle Ag - Russellville Russellville ,KY									
55394	8-24-25								
		Guarantee:	1.4187				1.1485		
		Found:	2.449				1.743		
55395	8-24-25								
		Guarantee:	1.4187				1.1485		
		Found:	2.507				1.765		
55396	8-24-25								
		Guarantee:	1.4187				1.1485		
		Found:	2.738				1.918		
55397	2-22-22								
		Guarantee:	3.15				2.55		
		Found:	8.902				3.07		
55398	9-23-23								
		Guarantee:	2.3333				1.8889		
		Found:	2.377				2.492		
55399	9-23-23								
		Guarantee:	2.3333				1.8889		
		Found:	2.393				2.568		
55497	9-24-24								
		Guarantee:	1.6579				1.3421		
		Found:	1.719				1.969		

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55869	16-18-16	Guarantee:	1.5643		4.5199	0.0435				0.1304
		Found:	1.872		5.239	0.0545				0.134
55870	16-18-16	Guarantee:	1.5643		4.5199	0.0435				0.1304
		Found:	1.923		5.196	0.0502				0.14
55871	16-18-16	Guarantee:	1.5643		4.5199	0.0435				0.1304
		Found:	1.783		5.026	0.0557				0.131
Pinnacle Agriculture Distribution Inc Loveland ,CO										
55646	00-00-00	Brand: 'Sul4R-Plus								
		Guarantee:	18		17	0.5				1.5
		Found:	18.4		17.0192	0.5610				1.48
55647	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:			26.7					
55862	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			23.31					
55868	00-00-22	Brand: 'K-Mag								
		Guarantee:		10.5	21					
		Found:		11.51	22.84					
56495	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			23.42					
56601	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			23					
Plantation Products, Inc. Norton ,MA										
55854	4-4-4	Brand: 'Superthrive All-Purpose Organic								
		Guarantee:	9					0.2		
		Found:	7.508					0.406		
56168	4-4-4	Brand: 'Superthrive								
		Guarantee:	9					0.2		
		Found:	8.385					0.543		
Pro Ag Sales & Service - Danville Danville ,KY										
56826	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			24.02					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
57271	39-00-00									
		Guarantee:			5.5427					
		Found:	<input type="text"/>		6.445					
57272	13-13-13									
		Guarantee:					0.01	0.125	0.05	0.2
		Found:	<input type="text"/>				0.0458	0.626	0.0613	0.238
57273	13-13-13									
		Guarantee:					0.01	0.125	0.05	0.2
		Found:	<input type="text"/>				0.024	0.64	0.0959	0.28
57468	6-7-29									
		Guarantee:			3.8788					
		Found:	<input type="text"/>		4.986					
57470	16-3-6									
		Guarantee:						0.125	0.075	0.3
		Found:	<input type="text"/>					0.511	0.0983	0.2928
57471	16-3-6									
		Guarantee:						0.125	0.075	0.3
		Found:	<input type="text"/>					0.308	0.103	0.341
Pro Solutions - Crofton Crofton ,KY										
55415	6-17-19									
		Guarantee:			2.0789					
		Found:	<input type="text"/>		2.776					
55416	6-17-19									
		Guarantee:			2.0789					
		Found:	<input type="text"/>		2.703					
55417	7-22-29									
		Guarantee:			3.623					
		Found:	<input type="text"/>		3.921					
55418	7-22-29									
		Guarantee:			3.623					
		Found:	<input type="text"/>		4.335					
55419	9-24-26									
		Guarantee:			2.8409					
		Found:	<input type="text"/>		3.534					
Pro Solutions - Springfield Springfield ,TN										
55255	12-40-00									
		Brand: 'MES Z								
		Guarantee:			10					1
		Found:	<input type="text"/>		10.95					0.918

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
55257	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.52					
55669	10-38-00	Brand: 'MES Z								
		Guarantee:			10					1
		Found:	<input type="text"/>		10.07					0.958
55671	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.618					
56553	11-16-23									
		Guarantee:		2.1356	4.2712					
		Found:	<input type="text"/>	2.255	4.576					
56828	11-16-23									
		Guarantee:		2.1357	4.2715					
		Found:	<input type="text"/>	2.32	4.591					
56829	13-18-21									
		Guarantee:			6.4715					
		Found:	<input type="text"/>		6.898					
57239	12-16-22									
		Guarantee:		2.3643	4.7287					
		Found:	<input type="text"/>	2.854	6.084					
57240	12-16-22									
		Guarantee:		2.3646	4.7293					
		Found:	<input type="text"/>	3.005	6.085					
Reliance Ag - Russellville Russellville ,KY										
55447	9-24-24									
		Guarantee:		1.4103	2.8205					
		Found:	<input type="text"/>	1.561	3.662					
55448	9-24-24									
		Guarantee:		1.4103	2.8205					
		Found:	<input type="text"/>	1.877	4.427					
55449	9-24-24									
		Guarantee:		1.4103	2.8205					
		Found:	<input type="text"/>	1.658	3.937					
55450	9-24-24									
		Guarantee:		1.4103	2.8205					
		Found:	<input type="text"/>	1.456	3.532					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55451	9-24-24	Guarantee:		1.4103	2.8205					
		Found:	<input type="text"/>	1.739	4.158					
55452	9-24-24	Guarantee:		1.4103	2.8205					
		Found:	<input type="text"/>	1.734	4.068					
55498	10-26-20	Guarantee:		1.5714	3.1429					
		Found:	<input type="text"/>	1.917	4.038					
Reliance Ag - Trenton Trenton ,KY										
55432	5-26-30	Guarantee:								0.2968
		Found:	<input type="text"/>							0.254
55433	5-26-30	Guarantee:								0.2968
		Found:	<input type="text"/>							0.295
Rogers Fertilizer & Services LLC Lebanon ,KY										
55832	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.39					
57090	41-00-00	Guarantee:			3.9336					
		Found:	<input type="text"/>		4.336					
57091	41-00-00	Guarantee:			3.9336					
		Found:	<input type="text"/>		4.013					
57092	41-00-00	Guarantee:			3.9336					
		Found:	<input type="text"/>		3.864					
57402	27-8-10	Guarantee:			6					
		Found:	<input type="text"/>		6.727					
57403	2-00-20	Guarantee:			1.9796					
		Found:	<input type="text"/>		2.485					
57404	13-19-19	Guarantee:			6.1224					
		Found:	<input type="text"/>		7.494					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57464	22-10-19									
		Guarantee:			1.5817					
		Found:	<input type="text"/>		7.121					
Rootblast International INC Canton ,OH										
55902	2-1-2	Brand: 'Root Blast								
		Guarantee:	13.8	7.5	1.88		0.05	2.47	0.12	0.15
		Found:	<input type="text" value="15.21"/>	9.956	2.808		0.0891	3.917	0.334	0.233
Scotts Miracle-Gro Products Inc Marysville ,OH										
56435	24-8-16	Brand: 'Miracle Gro All Purpose								
		Guarantee:				0.02	0.07	0.15	0.05	0.06
		Found:	<input type="text"/>			0.0250	0.0785	0.189	0.0555	0.0628
57327	24-8-16	Brand: 'Miracle Gro All Purpose Plant Food								
		Guarantee:				0.02	0.07	0.15	0.05	0.06
		Found:	<input type="text"/>			0.0261	0.0878	0.198	0.059	0.0683
57802	12-4-8	Brand: 'Miracle Grow All Purpose Plant Food								
		Guarantee:						0.1	0.05	0.05
		Found:	<input type="text"/>					0.112	0.0558	0.0579
Solu-Cal USA LTD West Warham ,MA										
56169	00-00-00	Brand: 'Rapid Lime								
		Guarantee:	38	0.4						
		Found:	<input type="text" value="33.97"/>	0.522						
Southern FS Inc - Hickman Hickman ,KY										
55513	19-29-00									
		Guarantee:			8.7256					
		Found:	<input type="text"/>		9.38					
55514	19-29-00									
		Guarantee:			8.7256					
		Found:	<input type="text"/>		9.865					
55515	19-29-00									
		Guarantee:			8.7256					
		Found:	<input type="text"/>		9.129					
56356	16-12-22									
		Guarantee:			4.1881	0.1179				0.4184
		Found:	<input type="text"/>		5.767	0.109				0.555
56357	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		6.574					
56358	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.385					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
56359	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		7.022					
56360	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		7.531					
57185	12-18-23									
		Guarantee:			5.2174					
		Found:	<input type="text"/>		6.33					
57186	12-18-23									
		Guarantee:			5.2174					
		Found:	<input type="text"/>		6.307					
57187	12-18-23									
		Guarantee:			5.2174					
		Found:	<input type="text"/>		6.11					
Southern FS, INC Marion ,IL										
55511	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.23					
55512	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		11.19					
56354	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.8					
56355	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		11.6					
Southern States - Bowling Green Bowling Green ,KY										
56084	26-23-00									
		Guarantee:			6					
		Found:	<input type="text"/>		6.806					
Southern States - Cadiz Cadiz ,KY										
55554	7-18-32									
		Guarantee:			3.5377					1.3954
		Found:	<input type="text"/>		5.015					1.52
55555	7-18-32									
		Guarantee:			3.5433					1.3976
		Found:	<input type="text"/>		5.187					1.542
Southern States - Calhoun Calhoun ,KY										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
57783	8-13-32									
		Guarantee:			4					
		Found:	<input type="text"/>		4.766					
57787	10-19-24									
		Guarantee:			4					
		Found:	<input type="text"/>		4.831					
57788	11-19-24									
		Guarantee:			3.9231					
		Found:	<input type="text"/>		5.274					
57789	28-10-12									
		Guarantee:			2.0672					
		Found:	<input type="text"/>		2.985					
57790	28-10-13									
		Guarantee:			1.7049					
		Found:	<input type="text"/>		2.22					
Southern States - Campbellsville Campbellsville ,KY										
57423	20-00-22									
		Guarantee:			6					
		Found:	<input type="text"/>		6.26					
57683	10-15-30									
		Guarantee:			4					
		Found:	<input type="text"/>		4.53					
57686	10-14-28									
		Guarantee:			5.3433					
		Found:	<input type="text"/>		5.071					
Southern States - Carlisle Carlisle ,KY										
57508	4-10-47									
		Guarantee:				0.0576				
		Found:	<input type="text"/>			0.0460				
Southern States - Cynthiana Cynthiana ,KY										
56718	28-0-16									
		Guarantee:			3.6364					
		Found:	<input type="text"/>		3.507					
Southern States - Elkton Elkton ,KY										
55872	7-18-27									
		Guarantee:		2.0952	4.1905	0.2857				1.0286
		Found:	<input type="text"/>	2.593	5.44	0.2750				0.972
55873	24-10-14									
		Guarantee:		1.8966	3.7931					
		Found:	<input type="text"/>	2.24	4.823					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
55874	24-10-14									
		Guarantee:		1.8966	3.7931					
		Found:	<input type="text"/>	1.816	3.762					
Southern States - Eminence Eminence ,KY										
57550	5-14-42									
		Guarantee:				0.0483				
		Found:	<input type="text"/>			0.0519				
57551	17-11-26									
		Guarantee:			3.4039					0.0417
		Found:	<input type="text"/>		4.102					0.0418
Southern States - Flemingsburg Flemingsburg ,KY										
57379	25-8-15									
		Guarantee:			3.3283					0.0672
		Found:	<input type="text"/>		3.424					0.055497
57380	25-8-15									
		Guarantee:			3.3283					0.0672
		Found:	<input type="text"/>		3.715					0.0504
57381	25-8-15									
		Guarantee:			3.3283					0.0672
		Found:	<input type="text"/>		3.788					0.0768
Southern States - Franklin Franklin ,KY										
55392	8-20-27									
		Guarantee:		2.0625	4.125					
		Found:	<input type="text"/>	2.481	5.35					
55393	8-20-27									
		Guarantee:		2.0625	4.125					
		Found:	<input type="text"/>	2.239	4.804					
55434	10-26-23									
		Guarantee:			5.094					
		Found:	<input type="text"/>		5.8					
55435	10-26-23									
		Guarantee:			5.094					
		Found:	<input type="text"/>		5.295					
55436	10-26-23									
		Guarantee:			5.094					
		Found:	<input type="text"/>		5.092					
55437	10-26-23									
		Guarantee:			4.6581					
		Found:	<input type="text"/>		4.688					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
55438	10-26-23	Guarantee:		4.6581					
		Found:	<input type="text"/>	5.743					
55439	10-25-25	Guarantee:		4.2886					
		Found:	<input type="text"/>	5.409					
55440	10-25-25	Guarantee:		4.2886					
		Found:	<input type="text"/>	5.088					
55441	10-26-23	Guarantee:		4.6581					
		Found:	<input type="text"/>	5.847					
Southern States - Georgetown Georgetown ,KY									
57019	4-0-45	Guarantee:		5					
		Found:	<input type="text"/>	4.932					
57020	4-0-45	Guarantee:		5					
		Found:	<input type="text"/>	4.706					
57032	36-0-00	Guarantee:		6.6667					
		Found:	<input type="text"/>	6.192					
57478	38-00-00	Guarantee:		5					
		Found:	<input type="text"/>	4.577					
57479	38-00-00	Guarantee:		5					
		Found:	<input type="text"/>	4.903					
Southern States - Hardinsburg Hardinsburg ,KY									
56983	20-10-13	Guarantee:		6.6208					
		Found:	<input type="text"/>	6.447					
57035	20-10-13	Guarantee:		6.642					
		Found:	<input type="text"/>	6.523					
Southern States - Harrodsburg Harrodsburg ,KY									
57589	20-00-27	Guarantee:		3.6298					0.1125
		Found:	<input type="text"/>	3.576					0.103

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
57700	20-00-27									
		Guarantee:			3.6298					0.1125
		Found:	<input type="text"/>		4.002					0.102
57701	20-00-27									
		Guarantee:			3.6298					0.1125
		Found:	<input type="text"/>		3.961					0.112
Southern States - Henderson Henderson ,KY										
57441	10-20-27									
		Guarantee:			2.6438					0.1228
		Found:	<input type="text"/>		3.577					0.112
57610	9-20-23									
		Guarantee:			5.903					
		Found:	<input type="text"/>		7.352					
57611	9-19-23									
		Guarantee:			5.9289					
		Found:	<input type="text"/>		7.481					
57612	9-20-22									
		Guarantee:			5.95					
		Found:	<input type="text"/>		7.692					
Southern States - Hodgenville Hodgenville ,KY										
56283	16-25-9									
		Guarantee:			7.3846					
		Found:	<input type="text"/>		8.295					
56292	17-22-13									
		Guarantee:			5.3366					
		Found:	<input type="text"/>		6.566					
56294	38-00-00									
		Guarantee:			8					
		Found:	<input type="text"/>		12.34					
56295	38-00-00									
		Guarantee:			8					
		Found:	<input type="text"/>		9.31					
Southern States - Hopkinsville Hopkinsville ,KY										
55950	15-19-22									
		Guarantee:			2.8602					
		Found:	<input type="text"/>		4.482					
56113	8-17-8									
		Guarantee:			4.4874	0.0072				0.0248
		Found:	<input type="text"/>		5.666	0.0142				0.0455

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
56115	15-15-22									
		Guarantee:			4.3661					
		Found:	<input type="text"/>		5.448					
56116	18-14-18									
		Guarantee:			3.6357	0.3488				
		Found:	<input type="text"/>		5.39	0.3970				
56119	16-16-15									
		Guarantee:			9.6758	0.0407				
		Found:	<input type="text"/>		11.66	0.0423				
56264	16-17-16									
		Guarantee:			6.5222					
		Found:	<input type="text"/>		8.022					
56265	5-13-41									
		Guarantee:			3.0038	0.0654				
		Found:	<input type="text"/>		3.93	0.0568				
56266	7-18-27									
		Guarantee:		2.7848	5.5696					
		Found:	<input type="text"/>	3.492	6.988					
Southern States - Horse Cave Horse Cave ,KY										
56201	12-15-21									
		Guarantee:		3.2683	6.5367					
		Found:	<input type="text"/>	3.648	8.105					
56202	24-10-20									
		Guarantee:			0.4972					
		Found:	<input type="text"/>		1.218					
Southern States - Maysville Maysville ,KY										
57498	17-12-21									
		Guarantee:			3.4725	0.0168				0.0564
		Found:	<input type="text"/>		3.681	0.0169				0.0543
57499	7-12-21									
		Guarantee:			3.4725	0.0168				0.0564
		Found:	<input type="text"/>		3.693	0.0217				0.0648
57501	18-13-19									
		Guarantee:			3.6298	0.0168				0.0563
		Found:	<input type="text"/>		3.881	0.0220				0.059
57502	17-12-21									
		Guarantee:			3.4725	0.0168				0.0564
		Found:	<input type="text"/>		3.921	0.0206				0.0627

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
57503	17-12-21	Guarantee:		3.4725	0.0168				0.0564
		Found:	<input type="text"/>	3.813	0.0247				0.0526
57504	17-12-21	Guarantee:		3.4725	0.0168				0.0564
		Found:	<input type="text"/>	3.83	0.0207				0.0711
57505	17-12-21	Guarantee:		3.4725	0.0168				0.0564
		Found:	<input type="text"/>	3.936	0.0217				0.0644
57506	22-10-15	Guarantee:		4.3011					
		Found:	<input type="text"/>	4.555					
Southern States - Morganfield Morganfield ,KY									
56745	6-21-28	Guarantee:		5.272					
		Found:	<input type="text"/>	5.838					
56746	6-21-28	Guarantee:		2.6351					
		Found:	<input type="text"/>	5.677					
56756	6-21-28	Guarantee:		2.6335					
		Found:	<input type="text"/>	5.499					
56757	6-21-29	Guarantee:		2.6236					
		Found:	<input type="text"/>	5.646					
56853	11-20-26	Guarantee:		3.4675					
		Found:	<input type="text"/>	3.643					
56854	11-20-26	Guarantee:		3.4785					
		Found:	<input type="text"/>	3.791					
Southern States - Owensboro Owensboro ,KY									
57613	10-19-24	Guarantee:		4					
		Found:	<input type="text"/>	4.972					
57614	10-19-24	Guarantee:		4					
		Found:	<input type="text"/>	4.716					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57616	10-19-24	Guarantee:			3.9884	0.0537				
		Found:	<input type="text"/>		4.707	0.0428				
57617	10-19-24	Guarantee:			3.9884	0.0537				
		Found:	<input type="text"/>		4.922	0.0515				
57618	10-14-17	Guarantee:	2.553		7.7466	0.1685				
		Found:	<input type="text" value="2.989"/>		8.04	0.166				
57619	10-14-17	Guarantee:	2.553		7.7466	0.1685				
		Found:	<input type="text" value="2.925"/>		8.299	0.171				
Southern States - Owenton Owenton ,KY										
56622	00-00-56	Guarantee:				1.0225				
		Found:	<input type="text"/>			1.09				
56629	6-5-6	Guarantee:			1.218	0.0177				
		Found:	<input type="text"/>		2.282	0.0207				
Southern States - Richmond Richmond ,KY										
57294	4-0-20	Guarantee:			4.4423					
		Found:	<input type="text"/>		4.863					
57295	4-0-20	Guarantee:			4.4423					
		Found:	<input type="text"/>		4.07					
57298	4-0-20	Guarantee:			4.4423					
		Found:	<input type="text"/>		4.359					
57299	4-0-20	Guarantee:			4.4423					
		Found:	<input type="text"/>		4.0952					
Southern States - Richmond VA Richmond ,VA										
55140	00-00-22	Brand: SPM								
		Guarantee:		11	22					
Found:	<input type="text"/>	10.32	22.75							
55261	21-00-00	Brand: 'AS								
		Guarantee:			24					
Found:	<input type="text"/>		25.4							

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55326	20-00-00	Brand: 'AS Guarantee: Found:			24 23.99					
55364	12-40-00	Brand: 'MES10 Guarantee: Found:			10 10.03					
55369	00-00-00	Brand: '90% Sulpher Guarantee: Found:			90 96.0043					
55370	21-00-00	Brand: 'AS Guarantee: Found:			24 23.71					
55583	20-00-00	Brand: 'AS Guarantee: Found:			23.85 23.42					
55626	21-00-00	Brand: 'AS Guarantee: Found:			24 24.27					
55720	21-00-00	Brand: 'AS Guarantee: Found:			24 25.18					
55788	00-00-22	Brand: 'SPM Guarantee: Found:		11	22 22.76					
55802	00-00-22	Brand: 'SPM Guarantee: Found:		11	22 22.24					
55859	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.0					
55893	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 17.3506					
55947	34-00-00	Brand: 'Super Kicker Plus Guarantee: Found:			10 9.513					
55955	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.49					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
56017	00-00-22	Brand: 'KMag Guarantee: Found:		11 10.98	22 23.58					
56024	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.82					
56027	21-00-00	Brand: 'AS Guarantee: Found:			24 25.69					
56046	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.49					
56050	00-00-22	Brand: 'KMag Guarantee: Found:		11 11.15	22 21.4					
56056	34-00-00	Brand: 'Super Kicker Plus Guarantee: Found:			10 9.502					
56057	00-00-22	Brand: 'KMag Guarantee: Found:		11 11.68	22 22.82					
56061	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 20.34					
56067	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 20.09					
56297	21-00-00	Brand: 'AS Guarantee: Found:			24 27.3					
56392	21-00-00	Brand: 'AS Guarantee: Found:			24 27.08					
56409	16-1-00	Brand: 'Symtrx Guarantee: Found:			20 19.1243					
56512	32-3-8	Brand: 'Southern States Guarantee: Found:			0.5 1.408			2 2.658		

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
56752	12-40-00	Brand: 'MES10 Guarantee: Found:			10 9.957					
56763	16-1-00	Brand: 'Symtrx Guarantee: Found:			20 20.2946					
56766	21-00-00	Brand: 'AS Guarantee: Found:			24 25.15					
56893	12-40-00	Brand: 'MEZ Guarantee: Found:			10 10.82					
56894	20-00-00	Brand: 'AS Guarantee: Found:			23.8 24.2					
56968	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.07					
57023	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.6237					
57290	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.0227					
57292	24-00-11	Brand: 'Professional Turf Fertilizer Fairway Grade Guarantee: Found:						2 2.31		
57293	15-5-10	Brand: 'Professional Turf Fertilizer Fairway Grade Guarantee: Found:						2 1.803		
57296	34-00-00	Brand: 'Super Kicker Plus Guarantee: Found:			10 10.54					
57405	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.0038					
57491	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.03					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57495	00-00-22	Brand: 'Kmag Guarantee: Found:		11 11.99	22 23.42					
57524	00-00-22	Brand: 'Kmag Guarantee: Found:		11 11.77	22 21.77					
57645	34-00-00	Brand: 'SS Guarantee: Found:			10 11.81					
57703	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 21.19					
57725	34-00-00	Brand: 'Super Kicker Plus Guarantee: Found:			10 11.02					
57786	16-1-00	Brand: 'SymTRX Guarantee: Found:			20 19.228					
57813	28-00-00	Guarantee: Found:			4.966 4.716					
57814	28-00-00	Guarantee: Found:			4.9703 4.55					
57815	28-00-00	Guarantee: Found:			5.0417 5.334					
Southern States - Russellville Russellville ,KY										
55632	6-28-22	Guarantee: Found:		1.6927 2.382	3.3854 4.768					
55633	6-28-22	Guarantee: Found:		1.6927 2.332	3.3854 4.995					
55634	6-28-22	Guarantee: Found:		1.6927 2.225	3.3854 4.691					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
55635	6-28-22	Guarantee:		1.6927	3.3854				
		Found:	<input type="text"/>	2.021	4.065				
55636	6-28-22	Guarantee:		1.6927	3.3854				
		Found:	<input type="text"/>	2.152	4.584				
Southern States - Russellville Fertilizer Plant Russellville ,KY									
55467	7-18-28	Guarantee:		2.5385	5.0769				
		Found:	<input type="text"/>	2.894	5.743				
55468	7-18-28	Guarantee:		2.5385	5.0769				
		Found:	<input type="text"/>	2.694	5.363				
55469	7-18-28	Guarantee:		2.5385	5.0769				
		Found:	<input type="text"/>	2.961	6.262				
55470	7-17-28	Guarantee:		2.7498	5.4996				
		Found:	<input type="text"/>	2.881	5.94				
55471	7-17-28	Guarantee:		2.7498	5.4996				
		Found:	<input type="text"/>	3.026	6.585				
Southern States - Shelbyville Shelbyville ,KY									
55487	9-15-27	Guarantee:			3.8923	0.4039			
		Found:	<input type="text"/>		4.705	0.3580			
55488	9-15-27	Guarantee:			3.8697	0.3893			
		Found:	<input type="text"/>		4.875	0.3820			
56382	23-0-15	Guarantee:			7.4458				0.0803
		Found:	<input type="text"/>		7.866				0.0885
56383	7-19-33	Guarantee:			3.6501	0.0599			0.0953
		Found:	<input type="text"/>		5.408	0.0062			0.176
56384	27-7-9	Guarantee:			4.5908				
		Found:	<input type="text"/>		5.148				

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
56387	7-19-33	Guarantee:		3.6917	0.06				0.0954
		Found:	<input type="text"/>	5.375	0.0059				0.226
56388	23-1-00	Guarantee:		13.2452					
		Found:	<input type="text"/>	13.91					
57336	19-0-15	Guarantee:		10.0222					
		Found:	<input type="text"/>	9.583					
57337	13-13-15	Guarantee:		9.8087					
		Found:	<input type="text"/>	9.869					
Southern States - Somerset Somerset ,KY									
56488	21-11-21	Guarantee:		3.3502					
		Found:	<input type="text"/>	4.167					
Southern States - Springfield Springfield ,KY									
57407	38-00-00	Guarantee:		4.99					
		Found:	<input type="text"/>	4.752					
57408	22-8-20	Guarantee:		3.892	0.0169				0.8843
		Found:	<input type="text"/>	4.483	0.0240				0.798
57409	22-8-20	Guarantee:		3.892	0.0169				0.8843
		Found:	<input type="text"/>	4.729	0.0172				0.892
57410	22-8-20	Guarantee:		3.892	0.0169				0.8843
		Found:	<input type="text"/>	3.9972	0.0441				0.698
57411	19-9-22	Guarantee:		3.6319					
		Found:	<input type="text"/>	4.357					
57412	19-9-22	Guarantee:		3.6319					
		Found:	<input type="text"/>	4.127					
57413	19-9-22	Guarantee:		3.6319					
		Found:	<input type="text"/>	4.326					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
57414	19-9-22									
			Guarantee:		3.6494				0.0207	0.083
			Found:	<input type="text"/>	4.478				0.0208	0.0708
57415	19-9-22									
			Guarantee:		3.6494				0.0207	0.083
			Found:	<input type="text"/>	4.192				0.02	0.0697
Southern States - Stanford Stanford ,KY										
56190	21-10-20									
			Guarantee:		3.5419					
			Found:	<input type="text"/>	4.448					
56192	18-7-26									
			Guarantee:		3.5294					
			Found:	<input type="text"/>	4.068					
56195	21-10-20									
			Guarantee:		3.5102					
			Found:	<input type="text"/>	4.239					
Southern States - Winchester Winchester ,KY										
57221	35-00-13									
			Guarantee:		2.5024					0.136
			Found:	<input type="text"/>	2.774					0.151
57222	35-00-13									
			Guarantee:		2.5024					0.136
			Found:	<input type="text"/>	2.882					0.177
57223	35-00-13									
			Guarantee:		2.5024					0.136
			Found:	<input type="text"/>	2.96					0.169
57226	6-16-29									
			Guarantee:		2.7966	5.5932				
			Found:	<input type="text"/>	3.146	6.601				
57227	6-16-29									
			Guarantee:		2.7966	5.5932				
			Found:	<input type="text"/>	3.19	6.852				
57287	35-00-13									
			Guarantee:		2.5141				0.0145	0.1424
			Found:	<input type="text"/>	2.698				0.0127	0.125056
57288	35-00-13									
			Guarantee:		2.5141				0.0145	0.1424
			Found:	<input type="text"/>	2.594				0.0146	0.155

Southern States Winchester Fertilizer Plant Winchester ,KY

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	55132	10-10-10	Brand: 'Southern States							
			Guarantee:		7					
			Found:	<input type="text"/>	6.958					
	55278	24-5-11	Brand: '24-5-11							
			Guarantee:		9			0.2		0.06
			Found:	<input type="text"/>	11.56			0.29		0.0772
	55943	16-1-00	Brand: 'SS							
			Guarantee:		20					
			Found:	<input type="text"/>	19.1117					
	57673	00-10-30	Brand: 'SS							
			Guarantee:			0.45				
			Found:	<input type="text"/>		0.453				
	57675	10-10-10	Brand: 'SS							
			Guarantee:		7					
			Found:	<input type="text"/>	8.509					
	57758	11-00-14	Brand: '11-0-14 w/14%S							
			Guarantee:		14					
			Found:	<input type="text"/>	13.66					
	57759	11-00-14	Brand: '11-0-14 w/14%S							
			Guarantee:		14					
			Found:	<input type="text"/>	13.2819					
	57760	19-14-19	Brand: '19-14-19 w/2.5%S							
			Guarantee:		2.5					
			Found:	<input type="text"/>	3.107					
	57761	00-10-30	Brand: 'SS							
			Guarantee:			0.45				
			Found:	<input type="text"/>		0.4620				
	57765	00-10-30	Brand: 'SS							
			Guarantee:			0.45				
			Found:	<input type="text"/>		0.377				
Stanley Crop Service Owensboro ,KY										
	56855	20-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:	<input type="text"/>	24.32					
	56865	7-23-6	Brand: 'Starter 6-22-5-4S-0.43Zn							
			Guarantee:		3.8					0.43
			Found:	<input type="text"/>	3.684					0.417
SUL4R Plus, LLC Louisville ,KY										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
55259	00-00-00	Brand: 'Sul4r-Plus Boron Guarantee: 18 Found: 19.616			15	1.5				
					16.07	1.395				
55677	00-00-00	Brand: 'Sul 4 R plus B Z Guarantee: 18 Found: 18.33			16	0.5				1.5
					16.31	0.5350				1.4082
55890	00-00-00	Brand: 'Sul4R-Plus Boron Guarantee: 18 Found: 19.76			15	1.5				
					15.9	0.051				
56502	00-00-00	Brand: 'Sul4RPlus B&Zn Guarantee: 18 Found: 21.48			16	0.5				1.5
					16.223	0.5290				1.415
56954	00-00-00	Brand: 'Sul4r-Plus Guarantee: 21 Found: 20.8			17					
					17.53					
Sun Bulb Company, INC. Arcadia ,FL										
56801	11-35-15	Brand: 'Orchid Better Bloom Guarantee: Found:		0.6		0.02	0.05	0.1	0.05	0.05
				0.508		0.0239	0.0447	0.102	0.043	0.0474
57157	10-6-8	Brand: 'Dynamite Cactus and Succulent Food Guarantee: Found:		1.2	4	0.02	0.05	0.2	0.06	
				1.921	5.472	0.0260	0.0578	0.437	0.11	
Swiss Farms Products Las Vegas ,NV										
55180	12-6-10	Brand: 'Vigoro Rose Food Guarantee: Found:		1	9	0.02	0.05	1	0.05	0.05
				1.423	10.43	0.0332	0.0516	1.377	0.0923	0.201
55181	10-8-8	Brand: 'Vigoro Azalea Camellia and Rhododendron Food Guarantee: Found:		1.5	5	0.02	0.05	1.5	0.05	0.05
				1.982	7.01	0.0296	0.0533	1.88	0.0643	0.188
56427	12-10-5	Brand: 'Vigoro Tomato & Vegetable Garden Plus Calcium Guarantee: 3 Found: 10.8775		3	5	0.02	0.05	1	0.05	0.05
				3.931	6.462	0.0312	0.0531	1.41	0.0652	0.134
57158	12-10-5	Brand: 'Vigoro Tomato and Veg Garden Plant Food Plus Calcium Guarantee: 3 Found: 10.06		3	5	0.02	0.05	1	0.05	0.05
				4.839	7.118	0.0328	0.0519	1.507	0.0831	0.144
Tennessee Farmers Coop - Lavergne LaVergne ,TN										
57521	00-00-22	Brand: 'Kmag Guarantee: Found:		11	22					
				10.76	21.5					
The Scotts Company Marysville ,OH										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	55191	32-00-10	Brand: 'Turfbuilder Winterizer							
			Guarantee:		6					
			Found:		7.447					
	55472	11-2-2	Brand: 'Scotts Natural Lawn Food							
			Guarantee:	1.5	1					
			Found:	2.88	2.121					
	56376	32-00-10	Brand: 'Scotts Turf Builder Southern Lawn Food							
			Guarantee:		4			2		
			Found:		5.264			2.084		
	56377	27-00-2	Brand: 'Scotts Green Max							
			Guarantee:		10			5		
			Found:		12.64			5.759		
	56426	32-00-4	Brand: 'Scotts Turf Builder							
			Guarantee:		7			2		
			Found:		7.647			2.35		
	57001	10-10-10	Brand: 'All Purpose Flower and Vegetable							
			Guarantee:		2					
			Found:		2.765					
	57328	26-00-2	Brand: 'Scotts Green Max							
			Guarantee:		11			5.17		
			Found:		12.43			4.824		
Thomas Cayce Farm Supply, LLC Princeton ,KY										
	55210	20-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		26.06					
	55773	20-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		23.42					
	55775	21-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		23.57					
	55778	00-00-22	Brand: 'K-Mag							
			Guarantee:	10.5	21					
			Found:	9.17	19.6					
	56270	8-20-25								
			Guarantee:	2.3744	4.7487					
			Found:	2.78	5.535					

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
56271	8-20-25	Guarantee:		2.3744	4.7487					
		Found:	<input type="text"/>	3.044	6.15					
56272	13-16-20	Guarantee:			7.895					
		Found:	<input type="text"/>		8.359					
56273	13-16-20	Guarantee:			7.895					
		Found:	<input type="text"/>		7.522					
56657	20-00-00	Brand: 'AS								
		Guarantee:			23.42					
		Found:	<input type="text"/>		23.4					
56661	13-16-20	Guarantee:			7.7139					
		Found:	<input type="text"/>		8.507					
56662	13-16-20	Guarantee:			7.7139					
		Found:	<input type="text"/>		8.257					
56664	13-22-21	Guarantee:			2.7621					
		Found:	<input type="text"/>		4.152					
56665	13-22-21	Guarantee:			2.7621					
		Found:	<input type="text"/>		3.884					
Tiger-Sul Products LLC Atmore ,AL										
56224	00-00-00	Brand: 'Tiger 90CR Sulfur								
		Guarantee:			90					
		Found:	<input type="text"/>		95.36					
56999	00-00-00	Brand: 'Sulfur 90%								
		Guarantee:			90					
		Found:	<input type="text"/>		92.36					
Tri-County Fertilizer Co., Inc. Richmond ,KY										
56328	00-00-00	Brand: 'sul4rplus								
		Guarantee:	18		16	0.5				1.5
		Found:	<input type="text" value="21.56"/>		15.257	0.546				1.372
Turf Care Supply Corporation Brunswick ,OH										
55307	22-00-4	Brand: 'AMP XC 22 0 4								
		Guarantee:			1.7			2		
		Found:	<input type="text"/>		2.758			2.344		
Warner Fertilizer - Campbellsville Campbellsville ,KY										

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
57433	16-10-11									
		Guarantee:			14.0377					
		Found:	<input type="text"/>		14.45					
57434	19-15-16									
		Guarantee:				0.1137			0.0517	0.5788
		Found:	<input type="text"/>			0.1430			0.1	0.591
57751	17-7-10									
		Guarantee:			16.2712					
		Found:	<input type="text"/>		15.38					
Warner Fertilizer - Liberty Liberty ,KY										
57799	30-00-00									
		Guarantee:			8					
		Found:	<input type="text"/>		9.38					
Warner Fertilizer - Somerset Somerset ,KY										
55926	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.34					
56220	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		26.37					
57066	00-00-00	Brand: 'Sulfur								
		Guarantee:			90					
		Found:	<input type="text"/>		89.1659					
57390	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.5					
Woodford Feed Company, Inc. Versailles ,KY										
57155	25-00-24									
		Guarantee:			4.8649					
		Found:	<input type="text"/>		5.574					
57156	25-00-24									
		Guarantee:			4.8649					
		Found:	<input type="text"/>		5.381					
57351	27-00-23									
		Guarantee:			0.5385					0.7692
		Found:	<input type="text"/>		0.55					0.841
57353	32-00-13									
		Guarantee:			4.4574					0.9304
		Found:	<input type="text"/>		4.726					0.918

Highlighted values are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
57354	27-00-23								
		Guarantee:		0.5385					0.7692
		Found:	<input type="text"/>	0.469					0.733
56348	00-00-00								
		Brand: 'Maximo 362							
		Guarantee:		17.5					35.5
		Found:	<input type="text"/>	19.1					36.78

Highlighted values are deficient.

Regulatory Bulletin 339

Table 4 Registered Companies 2018-2019

TABLE 4: REGISTERED FERTILIZER COMPANIES

3H Trading Company, LLC 8505 Technology Forest Place Suite 1102 The Woodlands TX 77381	A-J Inc 291 N Hubbards Ln Suite 172 POB 113 Louisville KY 40207	A.H. Hoffman POB 290 Lancaster NY 14086
Acadian Seaplants Limited 30 Brown Ave Dartmouth NS B3B 1X8 Canada	Access Business Group Intl LLC 7575 Fulton Street East Ada MI 49355	Actagro, LLC 677 W. Palmdon Dr. #108 Fresno CA 93704
Active Agriscience Inc 209-31136 Peardonville Rd Abbotsford BC V2Y 6K2 Canada	Advanced Biological Marketing Inc POB 222 Van Wert OH 45891	Advanced Marine Technologies 33 Cape Street New Bedford MA 02740
Advanced Microbial Solutions POB 519 Pilot Point TX 76258	Advanced Micronutrient Products 2405 W Vassar Rd Reese MI 48757	Advanced Nutrients #109-31063 Wheel Ave Abbotsford BC V2T 6H1 Canada
Advanced Turf Solutions - Fishers 12955 Ford Drive Fishers IN 46038	Advancing Eco Agriculture 4551 Parks West Rd Middlefield OH 44062	AdvanSix POB 1559 Hopewell VA 23860
AeroGrow International, Inc. 6075 Longbow Drive, Suite 200 Boulder CO 80301	Ag Concepts Corporation 439 E Shore Dr Suite 200 Eagle ID 83616	Ag Distributors Inc 6615 Robertson Ave POB 90366 Nashville TN 37209
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
Agrarian Supply 625 Center Street Suite A Healdsburg CA 95448	Agri-Chem - Herndon 11825 Lafayette Road Herndon KY 42236	Agri-Chem - Hopkinsville 1106 West 15th Street PO Box 31 Hopkinsville KY 42240
Agri-Chem - Princeton 1301 Highway 62 West POB 527 Princeton KY 42445	Agri-Chem LLC - Casky Location 4899 Pembroke Rd Hopkinsville KY 42240	Agri-Gro Marketing HC 4 Box 333 Doniphan MO 63935
AgriCo LLC 3331 NE Sandy Blvd 210 Portland OR 97232	AgriEnergy Resources 21417 1950 E ST. Princeton IL 61356	AgriGro Farm Center, Inc. 100 AgriGro Drive POB 143 Hartford KY 42347

TABLE 4: REGISTERED FERTILIZER COMPANIES

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	Agrium U.S. Inc. 5296 Harvest Lake Drive 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	Agxplore Intl LLC POB 638 Parma MO 63870-0638
Albaugh LLC POB 2127 Valdosta GA 31604	All Plant Liquid Plant Food 804 State Route 511 N Ashland OH 44805	All Star Products Group LLC POB 3179 Wallingford CT 06494
Allen County Farmers Service, Inc. 512 Smiths Grove Road Scottsville KY 42164	Altitude Crop Innovations LLC 1800 Fall River Drive Suit 100 Loveland CO 80538	American Plant Food Corporation POB 584 Galena Park TX 77547
Ameropa North America Inc 2502 Rocky Point Drive Suite 580 Tampa FL 33607	Amturf Enterprises, LLC 13963 Westside Lane South Jefferson OR 97352	Anderson County Farm Service, Inc. 145 Hawkins Street Lawrenceburg KY 40342
Antler Technologies LLC 103 San Remo Dr Islamorada FL 33036	Anuvia Florida LLC 6751 West Jones Ave Zellwood FL 32798	Aqua-Aid Inc dba Aqua-Aid Solutions 5484 Old Carriage Rd Rocky Mount NC 27803
Aqua-Yield Operations 4219 Abinadi Rd Salt Lake City UT 84124	Arbor Systems POB 34645 Omaha NE 68134	Arborjet 99 Blueberry Hill Rd Woburn MA 01801
Archer Daniels Midland 121 South 8th Street, Suite 1700 Minneapolis MN 55402	Archer Daniels Midland 2350 Broadway Ave Evansville IN 47712	Arysta Life Science America 1450 Broadway, 20th Floor New York NY 10018
Arysta Life Science NA LCC 15401 Weston Parkway Suite 150 Cary NC 27513	ATAMI America Inc POB 20169 Paris ON N3L 4A5 Canada	Athena Products Inc 3811 Wacker Dr Mira Loma CA 91752

TABLE 4: REGISTERED FERTILIZER COMPANIES

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
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	Bayer Advanced, BU OF BCS LP P.O. Box 12014 Research Triangle Park NC 27709	Beaty Fertilizer P.O. Box 2516 Cleveland TN 37320
Beem Biologics Inc 38768 W Farrel Rd Maricopa AZ 85138	Beneficial Reuse Management 372 Ontario St., Suite 501 Chicago IL 60654	Bentrei Fertilizer Company LLC 7304 S. Yale Avenue Tulsa OK 74136
Bertels B. V. Ommelpad 2 6035 PC Ospel The Netherlands	Bickett Ag - Central City 10391 SR 175 North Central City KY 42330	Bickett Ag - Morganfield 9921 SR 56 East Morganfield KY 42437
Big Bend Agri-Services Inc POB 479 320 1st Ave NE Ciaro GA 39828	Big Yield.us (AgMaxx Inc) 28706 S State Route 7 Garden City MO 64747	Bio Huma Netics Inc 1331 W Houston Ave Gilbert AZ 85233
BioPro Technologies, LLC 4060 SE 45th Ct Oscala FL 34480	Biovante LLC 601 S Walnut St Suite B Bernie MO 63822	Biowish Technologies Inc 2724 Erie Avenue Suite C Cincinnati OH 45208
Bioworks Inc. 100 Rawson Road, Suite 205 Victor NY 14564	Black Gold Compost POB 190 Oxford FL 34484	Black Gold Envirosafe POB 190 Oxford FL 34484
Black Label POB 13919 Las Vegas NV 89112	Bloom Brothers Garden Supply Inc 3920 Gilman Street Long Beach CA 90815	Bluegrass Seed & Fertilizer, Inc. 3345 Bloomfield Road Bardstown KY 40004

TABLE 4: REGISTERED FERTILIZER COMPANIES

Bonide Products, Inc. 6301 Sutliff Road Oriskany NY 13424	Boral Resources LLC 10701 S Riverfront Parkway Suite 300 South Jordan UT 84095	Borates Plus Inc 1101 South Blossom Trail Apopka FL 32703
Botanicare 6858 W Chicago St Chandler AZ 85226	Bougainvillea Growers International 7401 Stringfellow Rd St. James City FL 33956	Brandt Consolidated Inc 2935 S Koke Mill Rd Springfield IL 62711
Brandt iHammer 479 Village Park Drive Powell OH 43065	C F Industries Sales LLC 4 Parkway N, Suite 400 Deerfield IL 60015-2590	C.D. Poore Fertilizer 708 Burkesville Road Albany KY 42602
Calcium Products Incorporated POB 281 Gilmore City IA 50541	Calco Marketing Inc 3988 Clay Street Houston TX 77023	Calhoun Feed Service LLC 515 Nebo Road Madisonville KY 42431
Cameron Chemicals Inc 4539 Professional Circle Suite 201 Virginia Beach VA 23455	Canton Mills, Inc P.O. Box 97 Minnesota City MN 55959	Carbon Earth Company 397 Black Hollow Rd Rockwood TN 37854
Catalyst 10100 Douglas Ave Urbandale IA 50322	CDH Associates Inc dba Total Sourcing Concepts 112 Cedar Lane POB 24924 Chattanooga TN 37422	Central Crop Care 1742 KY Highway 3244 Crab Orchard KY 40419
Central Farmers Supply, Inc. 901 Columbia Highway Greensburg KY 42743	Central Garden & Pet 5401 W. Oakwood Park Dr Franklin WI 53132	Central Garden & Pet Garden Division 1000 Parkwood Circle Suite 700 Atlanta GA 30339
CF Industries Nitrogen LLC 4 Parkway North Suite 400 Deerfield IL 60015	CGB Fertilizer 5130 Port Road Jeffersonville IN 47130	CH Biotech R&D 601 Kettering Drive Ontario CA 91761
Charlie's Compost LLC 1195 Hwy 815 Calhoun KY 42327	Chem One LTD 14140 Westfair East Dr. Houston TX 77041	Chemsico Division of United Industries POB 142642 St. Louis MO 63114
Cherokee Nitrogen 1309 Ridge Road, Suite 315 Rockwall TX 75087-4243	Chiles Ag Services 3317 Rayburn Rd Murray KY 42071	CHS Crop Nutrients POB 64089 St. Paul MN 55164-0089

TABLE 4: REGISTERED FERTILIZER COMPANIES

CHS Crop Nutrients - Owensboro 6133 Hwy 60 E Owensboro KY 42303	CIBA-Geigy Corporation POB 18300 Greensboro NC 27419	Cincinnati Bulk Terminals LLC 895 West Mering Way Cincinnati OH 45203
Circle S Farm Supply 14 Circle S Road POB 518 Rutherford TN 38369	Clark's Grocery Feed & Seed 6911 Highway 779 Rockholds KY 40759	Clean Water Services 2550 SW Hillsboro Hwy Hillsboro OR 97123
Clements Ag Supply PO Box 347 Springfield KY 40069	CNI Agriminerals, LLC POB 3706 Albany GA 31706	Coast of Maine Organic Products 145 Newbury Street Portland ME 04101
Commonwealth Agri Solutions - Morganfield 1075 Hwy 60 W POB 350 Morganfield KY 42437	Commonwealth Agri-Solutions - Hopkinsville 1106 West 15th Street POB 31 Hopkinsville KY 42240	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	Corbin Farm & Garden Center, Inc. 1205 Master Street POB 1187 Corbin KY 40702	Croda Inc 300-A Columbus Circle Edison NJ 08837
Cromartie Agricultural Chemicals PO Box 71647 Albany GA 31708	Crosslink of New Mexico LLC 1455 Peru Mill Rd NW Deming NM 88030	Crown Technology Inc 7513 E. 96 th Street Indianapolis IN 46256
Crystal Clear Inc PO BOX 38 Romeo MI 48065	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 - Cold Spring 4221 Alexandria Pike Cold Spring KY 41076-1821
DASCO, Inc 9785 Maroon Circle Suite 110 Englewood CO 80112	Davey Tree Expert Company 1500 N. Manuta St. POB 5193 Kent OH 44240	Davey Tree Expert Company 6065 Branch Hill Rd Milford OH 45150

TABLE 4: REGISTERED FERTILIZER COMPANIES

David Austin Roses LTD 15059 State Hwy 64 W Tyler TX 75704	Davis Brothers Farms POB 487 Cunningham KY 42035	DeltAg POB 4812 Greenville MS 38704
DLF Pickseed USA, Inc. 175 West H Street PO Box 229 Halsey OR 97348	Domestic Fertilizer Inc 1750 17th Street Paris KY 40361	Donaghys Industries LTD 63 Bradshaw Street Dunedin New Zealand
Down to Earth Distributors Inc POB 1419 Eugene OR 97440	Dr. Earth Inc POB 460 Winters CA 95694	Drake's Farm Service, Inc. 640 Logansport Road POB 308 Morgantown KY 42261
Dramm Corporation POB 1960 Manitowoc WI 54220	Drexel Chemical Company POB 13327 Memphis TN 38113-0327	Dyna-Gro 2775 Giant Rd Richmond CA 94806
Earthworks 30 Morgan Hill Road Easton PA 18042	Earthworm Castings Unlimited, LLC 2590 N Beach Rd Unit 100 Englewood FL 34223	Easy Gardener POB 21025 Waco TX 76702-1025
Eau Claire CO-OP Oil Company POB 837 Eau Claire WI 54702	EcoScraps POB 731 Sandy UT 84091	EDC Ag Products Company LLC 1309 Ridge Road, Suite 315 Rockwall TX 75087-4243
El Dorado Chemical Company 4500 North West Avenue El Dorado AR 71730	Emerald Harvest 1399 Corporate Center Parkway Santa Rosa CA 95407	Emerald Triangle POB 305 Fortuna CA 95540
Encap, LLC 3921 Algoma Road Green Bay WI 54311	ENP Investments Inc POB 618 Mendota IL 61342	Enviroflight LLC 1118 Progress Way Maysville KY 41056
EnviroKure Inc 5222 E Comley St Philadelphia PA 19135	ENVY Bioscience 6985 South Union Park Center Suite 285 Cottonwood Heights UT 84047	Espoma Company 6 Espoma Rd Millville NJ 08332
Evergreen Liquid Plant Food 790 St. Charles St. W R.R. #1 Breslau ON N0B 1M0 Canada	Everris NA POB 3310 Dublin OH 43016	Farm Ag Sales, LLC dba C & F Farm Supply 66 East Main St Hwy 70 POB 98 Hiseville KY 42127

TABLE 4: REGISTERED FERTILIZER COMPANIES

Farmer's Organic 137 Phipps Ave Newton GA 39670	Farmers Fertilizer - Bowling Green 739 Kelly Road Bowling Green KY 42104	Farmers Fertilizer - Bowling Green 5619 Old Nashville Road Bowling Green KY 42104
Farmers Fertilizer - Smiths Grove PO Box 127 Smiths Grove KY 42171	FBSciences Inc 153 N Main Suite 100 Collierville TN 38017	Fer-Land Agriculture Technology Corp 709 E Colorado Blvd Suite 230 Pasadena CA 91101
Ferti Technologies 560 Rheaume C.P 129 Saint-Michael QC J0L 2J0 Canada	Fertile Peat Products LLC 250 ProPeat Drive Sugar City ID 83448	Fleming County Farm Supply 1724 Maysville Road Flemingsburg KY 41041
Floradis Enterprises Inc POB 156 Riva MD 21140	Florikan E.S.A., LLC 6801 Energy Court Suite 100 Sarasota FL 34240	Florists Transworld Delivery 3113 Woodcreek Drive Downers Grove IL 60515
Foxfarm Soil & Fertilizer Company POB 787 Arcata CA 95518	Frank Hinton & Son 591 Plummers Landing Road Plummers Landing KY 41081	Frick Services Inc 3154 W Depot St POB 40 Wawaka IN 46794
Frit Industries P.O. Box 1589 Ozark AL 36361	Front Row Ag LLC 2794 Great Cove Rd Warfordsburg PA 17267	Full Cycle Gardening, Inc. 1053 E. Whitaker Mill Road #115 Raleigh NC 27604
Galaxy Sulfur LLC POB 1165 Valdosta GA 31603-1165	Gantec Inc 777 E Isabella Rd Midland MI 48640	Garick 13600 Broadway Ave Cleveland OH 44125
Gaskins Fertilizer 1820 Millerfield Road Russell Springs KY 42642	Gavilon Fertilizer Inc 5 Skidaway Village Walk Savannah GA 31411	General Hydroponics POB 1576 Sebastpol CA 95473
Genesis Ag LLC 5015 Canal NW Street Suite 103 Riverside MO 64150	Giles Chemical Corp Div of Premier Magnesia LLC POB 370 Waynesville NC 28786	Gran Nora LLC 555 University Avenue #114 Sacramento CA 95825
Granco Minerals Inc 23011 Airpark Drive Petersburg VA 23803	Grant County Mulch Inc 181 Mulch Drive Petersberg WV 26847	Great Pacific Bioproducts LTD 13140 Rice Mill Rd Richmond BC V6W 1A1 Canada

TABLE 4: REGISTERED FERTILIZER COMPANIES

Green & Hagstrom 7767 Fernvale Rd POB 658 Fairview TN 37062	Green and Grow Inc 600 Congress Avenue Floor 14 Austin TX 78701	Green Charger Fertilizer Corporation POB 26234 Richmond VA 23260
Green Field Farms 6464 Fredricksburg Rd Wooster OH 44691	Green River Feed Mill, Inc. 1239 South Main St POB 410 Morgantown KY 42261	Green Star Plant Products Inc #284-505-8840 210th Street Langley BC V1M 2Y2 Canada
Green Technologies LLC POB 35790 Gainesville FL 32635-7905	GreenGro LLC POB 976 Windsor CA 95492	GreenPoint Ag, LLC 1268 Highway 261 POB 459 Hardinsburg KY 40143
Grigg Brothers 9495 1050 E POB 128 Albion ID 83311	Gro Green Inc 717 Elk St Buffalo NY 14210	Gro Tec Inc POB 290 Madison GA 30650-1821
Gro-Mor 281 Farmland Rd Leola PA 17540	Grow Appalachia CPO 2122 Berea KY 40404	Grow More Inc 15600 New Century Drive Gardena CA 90248
Growers Chemical Corp 321 Huron St POB 1750 Milan OH 44846-0000	Growmark Inc 1701 Towanda Ave. Bloomington IL 61702	GY RainSoil LLC 6960 W Warm Springs Rd Suite 110 Las Vegas NV 89113
Haifa North America Inc 307 Cranes Roost Blvd #2030 Alamonte Springs FL 32701	Hancock County Farm Supply, Inc. 740 Madison Street POB 95 Hawesville KY 42348	Harrell's, LLC 720 Kraft Road Lakeland FL 33815
Harrell's, LLC 151 Gene E. Stewart Blvd Sylacauga AL 35151	Harsco Metal & Minerals 359 North Pike Rd Sarver PA 16055	Harvest Consumer Products LLC 215 Overhill Drive Suite 200 Mooresville NC 28117
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

TABLE 4: REGISTERED FERTILIZER COMPANIES

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 POB 1058 Paris TN 38242	HGCI, Inc. dba Hawthorne Hydroponics Brands 3993 Howard Hughes Pkwy Suite 250 Las Vegas NV 89169-6754
Highland Sod Farm 1377 Hutcherson Lane Elizabethtown KY 42701	Hilander Feed Company 618 Military Street Georgetown KY 40324	Hinton Mills at Cynthiana 332 Lincoln Ave Cynthiana KY 41031
Holganix LLC 3033 Market Street Aston PA 19014	Howard Fertilizer & Chemical Co. 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	Humboldt Bottling POB 429 Fortuna CA 95540	Humic Growth Solutions Inc 709 Eastport Rd Jacksonville FL 32218
Hydrite Chemical Company 300 N Patrick Blvd Brookville WI 53045	Hydrodynamics International 5711 Enterprise Drive Lansing MI 48911	Hydrolysate Company of America LLC POB 271 Isola MS 38754
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 POB 31366 Des Peres MO 63131	Improcrop dba Alltech Crop Science 3031 Catnip Hill Road Nicholasville KY 40356	Innictis Crop Care LLC 1880 Fall River Dr Suite 100 Loveland CO 80538
Insta-Gro Manufacturing Inc. 8217 Linn Hipsher Rd. Caledonia OH 43314	International Chemical 1887 E 71St Street Tulsa OK 74136	Isagro USA Inc 430 Davis Drive Suite 240 Morrisville NC 27560

TABLE 4: REGISTERED FERTILIZER COMPANIES

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 United Kingdom
JM Fertilizer 100 S Ashley Dr Suite 1240 Tampa FL 33602	Jonathan Green & Sons, Inc. PO Box 326 Farmingdale NJ 07727	JRM Chemical 4881 NEO Parkway Cleveland OH 44128
Kee's Farm Service & Supply, LLC. KY Route 1 & 7 North POB 901 Grayson KY 41143	Keg River Chemical Corporation 10350-21 St Edmonton AB T6P 1W4 Canada	Kellogg Garden Products 350 W Sepulveda Blvd Carson CA 90745
Ken's Value Center 5529 HWY 1054 South Berry KY 41003	Kent Marine 9675 S. 60th Street Franklin WI 53132	Kentucky Fertilizer - 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 International Limited C/O Koch Ag & Energy Solutions 4111 E 37th Street N Witchita KS 67220
Koch Fertilizer LLC POB 2900 Wichita KS 67201	Kresti A. Lyddon Consulting 9980-230 S+N Scandea MN 55273	Kugler Company PO Box 1748 McCook NE 69001
Lake Cumberland Farmers Coop. 469 East Highway 90 Bypass Monticello KY 42633	Lawn and Garden Products Inc POB 35000 Fresno CA 93745	Lawn Cure of Southern Indiana POB 558 5000 Progress Way Sellersburg IN 47172

TABLE 4: REGISTERED FERTILIZER COMPANIES

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
Live Earth Products POB 76 Emery UT 84522	Locus Agricultural Solutions 30500 Aurora Rd Suite 180 Solon OH 44139	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 POB 1286 Greeley CO 80632	Mac Farms 469 Gwinn Lane Campbellsville KY 42718
Macon Trousdale Farms 905 Scottsville Rd. Lafayette TN 37083	Magic Dirt Horticultural Products, LLC 11500 North Rodney Parham Rd Suite 9 Little Rock AR 72212	Maia Grow 407 Wilton Rd Farmington ME 04938
Marco NPK Inc 201 E Benton Street POB 477 Clinton IL 61727	Markman Peat Corp. 900 Eagle Ridge Road Le Claire IA 52753	Mars Fishcare North America Inc 50 East Hamilton Street Chalfont PA 18914
Marshall County Coop 501 Poplar Street POB 230 Benton KY 42025	Martin Operating Partnership LP POB 191 Kilgore TX 75663-0191	Master Blend International LLC 4673 Weitz Rd Morris IL 60450
Master Nursery 2151 Salvio St Suite 255 Concord CA 94520	Master Plant-Prod Inc 314 Orenda Rd Brampton ON L6T 1G1 Canada	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
MGS Horticulture USA, Inc. 50 Hazelton St Leamington ON N8H 3W1 Canada	Michigan Peat Company POB 980129 Houston TX 77098-0129	Mid States Ag Sales LLC POB 3003 Lavergne TN 37086-1983

TABLE 4: REGISTERED FERTILIZER COMPANIES

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	Midwestern BioAg, Inc. 918 Deming Way, Suite 200 Madison WI 53717
Miller Chemical & Fertilizer LLC POB 333 Radio Road Hanover PA 17331	Milwaukee Metro Sewerage District POB 3049 Milwaukee WI 53201-3049	Miracle-Gro Lawn Products, Inc. 14111 Scottslawn Rd Marysville OH 43041
Mirimichi Green Express LLC 418 Hermitage Rd Castle Hayne NC 28429	Monty's Plant Food 4800 Strawberry Lane Louisville KY 40209	Morral Company 132 Postle Street POB 26 Morral OH 43337
Mosaic Global Sales, LLC. 13830 Circa Crossing Dr. Lithia FL 33547	Mulch Manufacturing 6747 Taylor Road, SW Reynoldsburg OH 43068	Mycorrhizal Applications LLC 810 NW East Street Grants Pass OR 97526
N-7, LLC 4425 Singing Hills Blvd. Sioux City IA 51106	N-Vizion Products Group Inc POB 579 Washington GA 30673	Nachurs Alpine Solutions Corporation 421 Leader St. Marion OH 43302-9989
National Garden Wholesale 5408 NE 88TH Street Vancouver WA 98665	Natural Technologies 10 Northern Blvd, Unit 20 Amherst NH 03031	New England Fertilizer Company 97 East Howard Street Quincy MA 02169
North Country Organics POB 372 Bradford VT 05033	Novelty Manufacturing Company 1330 Loop Road Lancaster PA 17601	Nutrien Ag Solutions - Russellville 485 Peyton Street Russellville KY 42276
Nutrien Ag Solutions - Allensville 7645 Allensville Road POB 25 Allensville KY 42204	Nutrien Ag Solutions - Beaver Dam 230 East 1st Street POB 186 Beaver Dam KY 42320	Nutrien Ag Solutions - Campbellsville 144 Airport Road POB 7 Campbellsville KY 42719
Nutrien Ag Solutions - Cecilia 356 Robinson Street Cecilia KY 42724	Nutrien Ag Solutions - Clarkson 702 West Main Street POB 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 - Clinton 4217 St. Rt. 703 E Clinton KY 42031

TABLE 4: REGISTERED FERTILIZER COMPANIES

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 - Glendale 6339 New Glendale Road POB 155 Glendale KY 42740	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 - Hodgenville 307 West Main Street POB 147 Hodgenville KY 42748	Nutrien Ag Solutions - Hopkinsville 3530 Eagle Way Hopkinsville KY 42240
Nutrien Ag Solutions - Horse Cave 6495 South Jackson Highway Horse Cave KY 42749	Nutrien Ag Solutions - Kevil 6696 Paducah Road POB 112 Kevil KY 42053	Nutrien Ag Solutions - Lebanon 565 Royer Avenue POB 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 - Morganfield 3856 Highway 60 East Morganfield KY 42437
Nutrien Ag Solutions - Murray 1319 Cross Spann Rd Murray KY 42071	Nutrien Ag Solutions - Murray 795 Butterworth Road Murray KY 42071	Nutrien Ag Solutions - Pembroke 221 Duffy Street POB 129 Pembroke KY 42266
Nutrien Ag Solutions - Riverport 2700 Rinaldo Rd Owensboro KY 42301	Nutrien Ag Solutions - Russellville 5240 Halls Store Road Russellville KY 42276	Nutrien Ag Solutions - Russellville 3256 Clarksville 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 POB 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 Highway POB 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	Nutrients Plus LLC 2133 Upton Dr, Suite 126 Virginia Beach VA 23454

TABLE 4: REGISTERED FERTILIZER COMPANIES

Oakley Little Rock POB 17880 North Little Rock AR 72117	Ocean Crest Seafoods Inc 88 Commercial St Gloucester MA 01930	Ocean Organics POB 1448 Waldoboro ME 04572
OGM POB 3442 Chico CA 95927	Ohio Earth Food 5488 Swamp Street NE Hartville OH 44632	Oldcastle Lawn & Garden POB 468567 Atlanta GA 31146
Olmix Le Lintan Brehan 56580	Omega Protein Inc 610 Menhaden Rd Reedville VA 22539	Omex Agrifluids Inc POB 815 Selma CA 93662
OPM / Bower & Branch C/O Organic Plant Magic LLC 115 Cross Street Marshfield MA 02050	Oregon Ag, LLC. 1150 Oregon Road Lititz PA 17543	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 Canada	Otis Bryant & Son, Inc. PO Box 148 Caneyville KY 42721	Outsidepride.com, Inc. 915 N Main St Independence OR 97351
Paducah-McCracken Riverport Authority 125 Locust Dr. POB 2302 Paducah KY 42002	Parrish Shop & Sales, LLC 8805 Larue Road Henderson KY 42420	Pathway Biologic LLC 111 East Tever St Plant City FL 33563
PBI Gordon Corp PBI/Gordon Corporation POB 860350 Shawnee KS 66286	PCI Nitrogen Pasadena LLC POB 3447 Pasadena TX 77501	PCS Sales (USA) Inc 1101 Skokie Blvd Suite 400 Northbrook IL 60062
Pearl Valley Farms dba Pearl Valley Organix 968 S Kent Rd Pearl City IL 61062	Pennington Seed - Greenfield 303 S. Grand Ave PO Box 338 Greenfield MO 65661	Pennyryle Ag. Oil, Inc. 2260 Princeton Road Hopkinsville KY 42240
Perdue AgriBusiness LLC 28338 Enviro Way Seaford DE 19973	Phase II Inc POB 185 15750 S 680 W Remington IN 47944	Pinnacle Ag - Franklin 6007 Bowling Green Road Franklin KY 42134

TABLE 4: REGISTERED FERTILIZER COMPANIES

Pinnacle Ag - Fancy Farm 9625 State Route 121 N. Fancy Farm KY 42039	Pinnacle Ag - Glasgow 242 Nobob Road POB 126 Glasgow KY 42142	Pinnacle Ag - Hartford 1320 Highway 231 North POB 23 Hartford KY 42347
Pinnacle Ag - Mayfield 521 South 16th Street Mayfield KY 42066	Pinnacle Ag - Russellville 95 Utility Drive Russellville KY 42276	Pinnacle Agriculture Distribution Inc 800 Fall River Drive Suite 100 Loveland CO 80538
Plant Food Company Inc 38 Hightstown-Cranbury Station Rd Cranbury NJ 08512	Plant Impact Inc. 3005 Carrington Mill Blvd Morrisville NC 27560	Plant Marvel Laboratories 371 E. 16th St. Chicago Heights IL 60411
Plant Revolution Inc 412 Goetz Ave Sant Ana CA 92707	Plant Science Inc 2934 Vandorf Side Road Stouffville ON L4A 2J8 Canada	Plant Tuff 9600 Mercier Dearborn MI 48120
Plantabbs Products POB 165 Hunt Valley MD 21030	Plantation Products, Inc. 202 South Washington Street Norton MA 02766	Pleasant View Agri-Service 446 South Union Road Auburn KY 42206
PQ Corporation POB 840 Valley Forge PA 19482	Prather Worm Castings 582 Goodlet Road Salvisa KY 40372	Precision Laboratories 1429 S Shields Dr Waukegan IL 60085
Premier Tech Biotechnologies 1 Avenue Premiere Reviere-Du-Loup QC G5R 6C1 Canada	Premier Tech Horticulture 200 Kelly Rd Unit E-1 Quakertown PA 18951	Prestige Marketing LTD 815 Brown Road Orion MI 48359
Prime Source LLC POB 250 10025 US Hwy 264 Alt Middlesex NC 27557	Pro Ag Sales & Service - Danville 410 Valksdahl Avenue Danville KY 40422	Pro Products, LLC 7201 Engle Rd. Fort Wayne IN 46804
Pro Sol POB 1589 Ozark AL 36361	Pro Solutions - Crofton 222 East Princeton Street Crofton KY 42217	ProFarm Inc C/O Incorporating Services LTD 3500 South Dupont Highway Dover DE 19901
Proven Winners North America LLC 45 North First St Suite B Campbell CA 95008	Pryor Chemical Company 4463 Hunt St Pryor OK 74361	Pure Life Veganix 16211 N. Scottsdale Rd. , A6A-195 Scottsdale AZ 85254

TABLE 4: REGISTERED FERTILIZER COMPANIES

Purely Organic Products, LLC 1 New Hampshire Ave. Suite 125 Portsmouth NH 03301	Quality Borate Company 3690 Orange Place Suite 495 Cleveland OH 44122	Quik Gro POB 309 Philpot KY 42366
Raintree Services dba Chemlawn Trugreen 400 Center Street Bowling Green KY 42101	Redox Chemicals LLC 130 S 100 W Burley ID 83318	Reforestation Technologies 5355 Monterey Frontage Rd Gilroy CA 95020-8033
Reiziger Pty Ltd 335 Hay Street Subiaco, Western Australias	Reliance Ag - Russellville 333 Watermelon Road Russellville KY 42276	Reliance Ag - Trenton 393 Penchem Road Trenton KY 42286
Residex, LLC 15415 Marquardt Avenue Santa Fe Springs CA 90670	Restora-Life Minerals Inc PO Box 725 Bay Springs MS 39422	Rhino Seed & Landscape Supply, LLC 1093 129th Avenue Wayland MI 49348
Rhodes Farm Supply 2070 Perrytown Road Scottsville KY 42164	Rip's Farm Center - Tollesboro 214 Lions Club Road POB 176 Tollesboro KY 41189	River Ag of Illinois Inc POB 629 Metropolis IL 62960
River Bend Ag LLC POB 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 Australia
Rocky Mountain Bio Solids a Division of Bowman Con 10801 E 54 th Ave Denver CO 80239	Rod McLellan Company POB 70 Independence OR 97351	Rogers Fertilizer & Services LLC 836 West Main Street Lebanon KY 40033
Rolf C. Hagen (USA) Corporation 305 Forbes Blvd Mansfield MA 02048	Rootblast International INC POB 20109 Canton OH 44707	Rosen's Inc 700 SW 291 Hwy Suite 204 Liberty MO 64068
S. J. Enterprises 7 O'Connor Court Gepps Cross 5094	SBM Life Science Corporation 1001 Winstead Drive, Suite 500 Cary NC 27513	Schaeffer Manufacturing Company 102 Barton Street St. Louis MO 63104
SCL Americas Inc 6900 College Blvd Suite 430 Overland Park KS 66211	Scotts Miracle-Gro Products Inc 14111 Scottslawn Rd Marysville OH 43041	Seawin Biotech USA Inc 19901 Harrison Ave City of Industry CA 91789

TABLE 4: REGISTERED FERTILIZER COMPANIES

Seventy Feeds LLC 1647 Highway 70 East Eubank KY 42567	Sharkey Products LLC 305 Henriette Ave Crivitz WI 54114	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	Sirius Minerals PCL Resolution House, Lake View Scarborough YO11 3ZB United Kingdom
Solce Fertilizer Company LLC 419 10th Avenue West Palmetto FL 34221	Solu-Cal USA LTD POB 278 West Warham MA 02576	South Central Farm Supply 701 East Main Street Gamaliel KY 42140
Southern FS Inc - Hickman 345 Kentucky 166 West Hickman KY 42050	Southern FS, INC POB 728 Marion IL 62959	Southern States - Bowling Green 640 Plum Springs Loop Bowling Green KY 42101
Southern States - Cadiz 2829 Hopkinsville Road Cadiz KY 42211	Southern States - Calhoun 1432 Highway 136 East Calhoun KY 42327	Southern States - Campbellsville 1720 East Broadway Street Campbellsville KY 42718
Southern States - Carlisle 102 Dorsey Avenue Carlisle KY 40311	Southern States - Cynthiana 1236 US Highway 27 South Cynthiana KY 41031	Southern States - Elizabethtown 402 South Mulberry Street Elizabethtown KY 42701
Southern States - Elkton 606 West Main Street POB 278 Elkton KY 42220	Southern States - Eminence 760 Elm Street Eminence KY 40019	Southern States - Flemingsburg 658 West Water Street POB 167 Flemingsburg KY 41041
Southern States - Franklin 301 Finn Street POB 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

TABLE 4: REGISTERED FERTILIZER COMPANIES

Southern States - Liberty 225 South Wallace Wilkinson Blvd Liberty KY 42539	Southern States - London 1208 Barbourville Street London KY 40741	Southern States - Maysville 1325 Clyde T Barbour Pkwy POB668 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 POB 557 Owingsville KY 40360	Southern States - Richmond 1607 East Main Street Richmond KY 40475	Southern States - Richmond VA 6606 W Broad St POB 26234 Richmond VA 23260
Southern States - Russellville 209 N Bethel St PO Box 480 Russellville KY 42276	Southern States Russellville Fertilizer Plant 4020 US 68 E Bowling Green Rd Russellville KY 42276	Southern States - Sebree 1112 Highway 41 North Sebree KY 42455
Southern States - Shelbyville 624 South 7th Street Shelbyville KY 40065	Southern States - Somerset 271 Highway 2227 Somerset KY 42503	Southern States - Springfield 1752 Bardstown Road Springfield KY 40069
Southern States - Stanford 175 Cordier Street Stanford KY 40484	Southern States - Warsaw 625 U.S. 42 West Warsaw KY 41095	Southern States - Winchester 21 Pendleton Street Winchester KY 40391
Southern States Winchester Fertilizer Plant P.O. Box 516 Magnolia Rd. Winchester KY 40391	Spectrum Group POB 142642 St. Louis MO 63114	Speedling POB 307 Bushnell FL 33513
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	SUL4R Plus, LLC 12601 Plantside Drive Louisville KY 40299
Sulvaris Inc 6443 2 ST SE Calgary AB T2H 1J5 Canada	Sun Bulb Company, INC. P.O. Drawer 698 Arcadia FL 34265	Sun Gro Horticulture Distributing 770 Silver Street Agawam MA 01001

TABLE 4: REGISTERED FERTILIZER COMPANIES

Sunleaves Garden Products 1410 Hancel Parkway Mooresville IN 46158	Sunlight Supply Inc 3204 NW 38th Circle Vancouver WA 98660	Sunshine Paper Company 12601 E. 33RD Ave #109 Aurora CO 80011
Suntton Biochemical Ltd. Suite 102 11830 223rd Street Unit 200 Mapleridge BC V2X 5Y1 Canada	Superior Ag Resources POB 7 Chrisney IN 47611	Superior Ag Resources PO Box 38 St. Meinrad IN 47577
Supreme Growers LLC 57 Cool Springs Rd Signal Mountain TN 37377	Sustane Natural Fertilizer 310 Holiday Ave Cannon Falls MN 55009	Swiss Farms Products 3993 Howard Hughes Parkway Las Vegas NV 89169
Sylvite LLC 1607 W. Olive Lakeland FL 33815	T and N Inc POB 240 815 HWY T Foristell MO 63348	T-NOU NV Scharlooweg 25 Willemstad Curacao
Talc USA 1710 141 St Ave SE Page ND 58304	Technaflora Plant Products LTD 7261 River Place Unit 101 Mission BC V4S 0A2 Canada	Tennessee Farmers Coop - Lavergne 180 Old Nashville Highway POB 3003 LaVergne TN 37086
Terrace Brands 3993 Howard Hughes Pkwy Suite 250 Las Vegas NV 89169	Tessengerlo Kerley 2255 N. 44th Street Suite 300 Phoenix AZ 85008	Tetra Technologies Inc 24955 Interstate 45 North The Woodlands TX 77380
TEVA Corporation 6100 State Highway 77 Benton MO 63736	The Andersons Inc POB 119 Maumee OH 43537	The Doggett Corporation 30 Cherry Street Lebanon NJ 08833
The Fertrell Company PO Box 265 Bainbridge PA 17502	The Garden Patch POB 550 St. Petersburg FL 33731	The Guano Company 116 Himalaya Dr. PO Box 1000 Trinidad CA 95570
The Hawthorne Gardening Company 800 Port Washington Blvd Port Washington NY 11050	The Organic Mechanics Soil Co LLC POB 272 Modena PA 19358	The Ortho Group POB 190 Marysville OH 43041
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

TABLE 4: REGISTERED FERTILIZER COMPANIES

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	Tranlin Inc One Boars Head Place Suite 100 Charlottesville VA 22903
TrashCan, LLC 953 Islington St. Suite 22 Portsmouth NH 03801	Tri-County Fertilizer Co., Inc. 124 South Estill Avenue Richmond KY 40475	Triple G Fertilizer 4422 US 51 South Arlington KY 42021
TruGreen - Florence 7980 Kentucky Drive Florence KY 41042	TruGreen - Scott Depot 109 Erskin Ln. POB 396 Scott Depot WV 25560	TruGreen Evansville POB 5679 8601 Baumgart Rd Evansville IN 47725
TruGreen Lexington 2269 Danforth Drive Lexington KY 40511	TruGreen Louisville 13135 Middletown Ind Blvd. Louisville KY 40223	TruGreen Louisville South 10830 Penion Drive Louisville KY 40299
Turf Care Supply Corporation 50 Pearl Rd. Unit 200 Brunswick OH 44212	Two Rivers Fisheries, Inc. 1148 Wickliffe Road Wickliffe KY 42087	U.S. Borax Inc 200 E Randolph Street Suite 7100 Chicago IL 60601
UF Granular Fertilizers 132 Postal Rd Morral OH 43337	Ultra Yield Micronutrients Inc 213 West Moxee Avenue Moxee WA 98936	UNCO Industries Inc. 1577 11th Avenue Union Grove WI 53182
United States Gypsum Company 550 West Adams Street Chicago IL 60661-3676	United Suppliers POB 538 Eldora IA 50627	Valagro 19500 HWY 249 Suite 245 Houston TX 77070
Valley Farm Center, Inc. 1226 North Main Street Monticello KY 42633	Valley Fertilizer Company 117 Sartin Road PO Box 180 Edmonton KY 42129	Vegalab 2542 Business Parkway Suite 2 Minden NV 89423
Verde AgriTech Salatin House,19 Cedar Road Sutton, Surrey SM2 5DA United Kingdom	Verdesian Life Sciences US LLC 1001 Winstead Dr Suite 480 Cary NC 27513	Vermicrop 5050 Arboga Rd Olivehurst CA 95407

TABLE 4: REGISTERED FERTILIZER COMPANIES

Vermicrop Organics 5050 Arboga Rd Olivehurst CA 95961	Vitamin Institute 12610 Saticoy Street South N. Hollywood CA 91605	Vivid Life Sciences LLC POB 41632 Minneapolis MN 55441
Vogel Seed & Fertilizer Company Inc 1891 Spring Valley Rd Jackson WI 53037	Voluntary Purchasing Group 230 FM 87 Bonham TX 75418	W.H. Shelley General Merchandise 3352 Colfax Road Hillsboro KY 41049
Wabash Valley Service Company 909 N Court Street Grayville IL 62844	Warner 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 POB 108 Nancy KY 42544	Warner Fertilizer - Russell Springs 170 East Highway 80 POB 30 Russell Springs KY 42642	Warner Fertilizer - Somerset POB 796 Somerset KY 42502
Warner Fertilizer - Stanford 1331 Old US Highway 127 East POB 441 Stanford KY 40484	Warner Fertilizer - Tompkinsville 2010 Edmonton Road POB 215 Tompkinsville KY 42167	Waterway Ag Inc POB 629 Metropolis IL 62960
Waynesburg Ag 457 Jake Faw Rd Waynesburg KY 40489	Weldon's Chemical LLC 25 Roland Avenue Mount Laurel NJ 08054	Wengerd Farms 8609 Hwy 88 Greensburg KY 42743
West Central Distribution LLC 2700 Trott Avenue SW POB 897 Willmar MN 56201	White River LLC 610 Church Street Loogootee IN 47553	Wild Valley Farms, LLC 2775 N. 7000 E. Croydon UT 84018
Wilson Industrial Sales Company Inc 5063 South 1000 West POB 297 Rensselaer IN 47948	Winfield Solutions, LLC PO Box 64589 Saint Paul MN 55164	Wiserg Corporation 15459 NE 95th Street Redmon WA 98052
Woodford Feed Company, Inc. 498 Lexington Street POB 116 Versailles KY 40383	Woodstream Corporation 69 North Locust Street PO Box 327 Lititz PA 17543	Worm Power LLC 1691 Jenks Rd Avon NY 14414

TABLE 4: REGISTERED FERTILIZER COMPANIES

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

Regulatory Bulletin 339

Appendices

Appendix A – Explanation of Tables

Appendix B – Investigational Allowances

Appendix C – Monetary Penalties

Appendix D – Maximum Chlorine Guarantee
for Tobacco Fertilizers

Appendix A Explanation of Tables

Table 1.

Standing of Manufacturer – self explanatory

Table 2.

Sample Data—

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

GRADE: The registrant’s whole number guarantee is expressed as the grade: N - P₂O₅ - K₂O. 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, P₂O₅, K₂O: These are the results of the chemical analyses of each sample for total Nitrogen (N), available phosphate (P₂O₅) and soluble potash (K₂O).

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

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

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

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

Appendix A Explanation of Tables

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

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

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

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

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

Those results that are **highlighted** are deficient under the criteria stated in the investigational allowances section of this bulletin. Occasionally an analysis may be found that appears to be inconsistent in its marking. For example, two samples that are guaranteed 10% P₂O₅ may both be shown as containing 9.1%. One of these may be **highlighted**, 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 **highlighted** 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% P₂O₅ and 11.2% K₂O. 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% P₂O₅ and 10.9% K₂O, only the 10.9% P₂O₅ would be **highlighted** because it is below the 11.9% guarantee by more than the investigational allowance.

Table 3 – Self explanatory

Table 4 - Self explanatory

Appendix B

INVESTIGATIONAL ALLOWANCES

Primary Nutrients

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

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

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

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

Appendix B

INVESTIGATIONAL ALLOWANCES

Secondary and Micro Nutrients

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.

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

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

Relative Value (RV) and Maximum Chlorine (XSCL)

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

The investigational allowance for maximum chlorine is 0.5 percentage point.

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
≤ 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.

Appendix C

MONETARY PENALTIES

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

SECONDARY AND MINOR ELEMENTS

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

EXCESS CHLORINE IN TOBACCO FERTILIZERS

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

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

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

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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