

Annual Report

Analyses of Official Fertilizer Samples

July 2019 – June 2020



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 Johnston, 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

Gary Coleman
Phil Dickson
Wayne Ingram
David Tompkins

Bruce Combs
Steve Duckworth
Ryan Baldwin

David Harover
Debra Sipe
Lancao Zhang

Administrative Staff

Tony Benge, Computer Systems Manager III
Patrick Coslow, Senior Systems Analyst Programmer
Shannon Shields, Data Processing
Katherine Crawford, 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.

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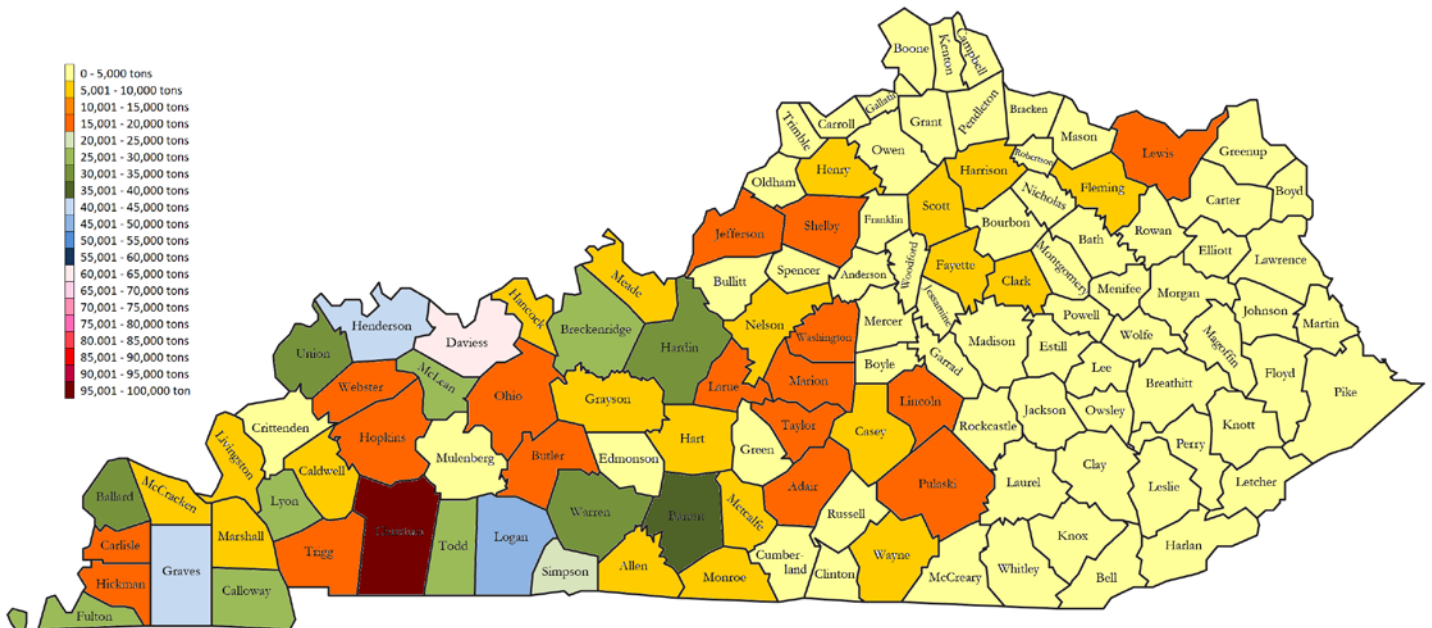
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INTRODUCTION

This bulletin presents the results of the analysis of 2,460 official samples of commercial fertilizer taken during the period of July 1, 2019 through June 30, 2020 by the field inspection staff. The samples represented approximately 48,500 tons of fertilizer out of the approximately 1,123,000 tons sold during this period. The Laboratory made 2,050 nitrogen, 1,649 phosphorus, 1,661 potassium, 1224 secondary and minor element, and certain other analyses on these samples. Table 1 shows the manufacturers whose product the field inspection staff sampled, along with the number of samples taken and the percentage of those samples that passed. Table 2 shows the detailed N, P₂O₅, and K₂O analyses of samples of mixed fertilizers and fertilizer materials. Table 3 contains the results of secondary and minor element and certain other analyses. Table 4 shows the detailed N, P₂O₅, and K₂O analyses of samples of mixed fertilizers and fertilizer materials by grade. Table 5 is a listing of companies or licensees registered or licensed to sell fertilizer in Kentucky as of June 30, 2020.

**Distribution of Fertilizer Tonnage in Kentucky
July 2019 – June 2020**



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	2019	2020
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$9.44	\$6.58
Avail. Phosphate (P ₂ O ₅)	\$8.60	\$6.58
Soluble Potash (K ₂ O)		
Tobacco (Low CL)	\$14.13	\$14.51
Non-Tobacco	\$6.30	\$6.08
Calcium (Ca)	\$5.41	\$6.04
Magnesium	\$30.09	\$31.36
Sulfur (S)	\$9.40	\$9.45
Boron (B)	\$122.18	\$124.00
Copper (Cu)	\$166.67	\$141.43
Iron (Fe)	\$13.81	\$10.80
Manganese (Mn)	\$35.71	\$35.71
Molybdenum (Mo)	\$20.20	\$20.20
Zinc (Zn)	\$53.16	\$53.94

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 2019 through June 2020

	Total	Container			Use	
		Bagged	Bulk	Liquid	Farm	Non-Farm
Multi-Nutrient	407,177.85	52,272.81	340,884.61	14,020.42	367,955.15	39,222.70
Nitrogen	464,034.73	6,251.75	167,758.57	290,024.41	461,151.05	2,883.68
Phosphate	1,478.04	28.67	1,443.54	5.83	1,472.05	5.99
Potash	221,242.51	739.31	219,607.77	895.44	219,830.81	1,411.71
Organics	572.98	90.35	398.43	84.20	431.97	141.01
Sec/Micro	5,411.40	2,928.19	730.63	1,752.58	4,318.40	1,093.00
Miscellaneous	24,667.12	1,615.35	17,426.92	5,624.84	23,628.44	1,038.68
Total	1,124,584.62	63,926.42	748,250.47	312,407.72	1,078,787.86	45,796.76

Percentage by container:

Bagged	5.68%
Bulk	66.53%
Liquid	27.78%

Percentage by use:

Farm	95.93%
Non-Farm	4.07%

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2019-2020 Analysis of Official Fertilizer Samples

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Table 1 Standing of Manufacturers

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Advanced Micronutrient Products - Reese, MI	2	1	50%
Advanced Turf Solutions - Fishers - Fishers, IN	2	1	50%
Ag Distributors Inc - Nashville, TN	13	11	85%
Ag1 Coop - Monticello, KY	5	3	60%
Agri-Business Tech Inc - Albany, GA	1	1	100%
Agri-Chem - Hopkinsville - Hopkinsville, KY	9	8	89%
Agri-Chem - Princeton - Princeton, KY	10	9	90%
AgriGro Farm Center, Inc. - Hartford, KY	16	16	100%
Agriport Terminal - Eddyville, KY	64	63	98%
Allen County Farmers Service, Inc. - Scottsville, KY	10	10	100%
Anderson County Farm Service, Inc. - Lawrencebur	3	3	100%
Ballard County Coop., Inc. - La Center, KY	16	16	100%
Bandana Ag, Inc. - La Center, KY	21	19	90%
Bickett Ag - Central City - Central City, KY	7	6	86%
Bickett Ag - Morganfield - Morganfield, KY	5	5	100%
Black Gold EnviroSAFE - Arcadia, FL	2	1	50%
Bluegrass Seed & Fertilizer, Inc. - Bardstown, KY	10	9	90%
C.D. Poore Fertilizer - Albany, KY	19	15	79%
Cameron Chemicals Inc - Virginia Beach, VA	7	5	71%
Central Crop Care - Crab Orchard, KY	20	18	90%
Central Farmers Supply, Inc. - Greensburg, KY	10	10	100%
Central Garden & Pet Garden Division - Atlanta, G	3	3	100%
CHS Crop Nutrients - Owensboro - Owensboro, KY	36	33	92%
Clements Ag Supply - Springfield, KY	8	7	88%
CNI Agriminerals, LLC - Albany, GA	1	1	100%
Corbin Farm & Garden Center, Inc. - Corbin, KY	3	3	100%
Darling Ingredients Inc - Irving TX - Irving, TX	12	11	92%
Dr. Earth Inc - Winters, CA	3	3	100%
Drake's Farm Service, Inc. - Morgantown, KY	10	10	100%
Easy Gardener - Waco, TX	6	5	83%
Eau Claire CO-OP Oil Company - Eau Claire, WI	3	2	67%
EcoScraps - Marysville, OH	1	1	100%
Encap, LLC - Green Bay, WI	2	2	100%
Espoma Company - Millville, NJ	5	3	60%
Farm Ag Sales, LLC dba C & F Farm Supply - Hisevill	10	9	90%
Farmers Fertilizer - Kelly Road - Bowling Green, KY	10	4	40%
Farmers Fertilizer - Old Nashville Rd - Bowling Gre	10	9	90%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Farmers Fertilizer - Smiths Grove - Smiths Grove, K	10	8	80%
Ferti Technologies - Saint-Michael, QC	1	1	100%
Fleming County Farm Supply - Flemingsburg, KY	41	39	95%
Gaskins Fertilizer - Russell Springs, KY	17	15	88%
Green River Feed Mill Inc - Morgantown, KY	10	8	80%
Gro Tec Inc - Madison, GA	20	14	70%
Hancock County Farm Supply, Inc. - Hawesville, KY	6	6	100%
Helena Agri-Enterprises - Hazel - Hazel, KY	10	5	50%
Helena Agri-Enterprises - Hickman - Hickman, KY	2	2	100%
Helena Agri-Enterprises, LLC - Collierville - Colliervi	19	19	100%
Helm Fertilizer Company Administrative Offices - T	13	13	100%
Henry Farmers Cooperative - Murray - Murray, KY	10	7	70%
Henry Farmers Cooperative - Paris - Paris, TN	9	9	100%
Hinton Mills at Cynthiana - Cynthiana, KY	11	11	100%
Hydrite Chemical Company - Brookville, WI	1	1	100%
IMC Outdoor Living a Division of Liberty Tire Recyc	3	2	67%
Innvictis Crop Care LLC - Loveland, CO	2	2	100%
J. A. Oldfield & Son, Inc. - Mize, KY	24	24	100%
J. R. Peters - Allentown, PA	1	1	100%
Janes Fertilizer & Farm Supply - Columbia, KY	14	14	100%
JM Fertilizer - Tampa, FL	1	1	100%
Kee's Farm Service & Supply, LLC. - Grayson, KY	16	16	100%
Keg River Chemical Corporation - Edmonton, AB	1	1	100%
Ken's Value Center - Berry, KY	3	3	100%
Kentucky American Seeds - Madisonville - Madiso	1	0	0%
Kentucky Fertilizer - Winchester - Winchester, KY	27	22	81%
Knox Fertilizer Company Inc - Knox, IN	2	2	100%
Lesco Inc. - Cleveland, OH	2	1	50%
Loveland Products, Inc. - Greeley, CO	6	6	100%
Marshall County Coop - Benton, KY	8	8	100%
Mays Lick Mill - Mayslick, KY	11	10	91%
Mid States Ag Sales LLC - Lavergne, TN	9	9	100%
Miracle-Gro Lawn Products, Inc. - Marysville, OH	2	1	50%
Monty's Plant Food - Louisville, KY	1	1	100%
Nutrien Ag Solutions - Russellville - Russellville, KY	10	10	100%
Nutrien Ag Solutions - Beaver Dam - Beaver Dam,	10	9	90%
Nutrien Ag Solutions - Campbellsville - Campbellsv	10	9	90%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Nutrien Ag Solutions - Cecilia - Cecilia, KY	10	10	100%
Nutrien Ag Solutions - Clarkson - Clarkson, KY	10	10	100%
Nutrien Ag Solutions - Clay - Clay, KY	11	11	100%
Nutrien Ag Solutions - Ekron - Ekron, KY	10	10	100%
Nutrien Ag Solutions - Fancy Farm - Fancy Farm, K	4	2	50%
Nutrien Ag Solutions - Glasgow - Glasgow, KY	10	3	30%
Nutrien Ag Solutions - Greeley - Greeley, CO	184	178	97%
Nutrien Ag Solutions - Hardin - Hardin, KY	8	8	100%
Nutrien Ag Solutions - Henderson - Henderson, KY	10	10	100%
Nutrien Ag Solutions - Lebanon - Lebanon, KY	10	9	90%
Nutrien Ag Solutions - Liquid River Terminal - Owe	10	3	30%
Nutrien Ag Solutions - Morganfield - Morganfield,	10	9	90%
Nutrien Ag Solutions - Pembroke - Pembroke, KY	9	4	44%
Nutrien Ag Solutions - Riverport - Owensboro, KY	10	10	100%
Nutrien Ag Solutions - Sacramento - Sacramento,	10	10	100%
Nutrien Ag Solutions - Sedalia - Sedalia, KY	6	6	100%
Nutrien Ag Solutions - Shelbyville - Shelbyville, KY	11	11	100%
Nutrien Ag Solutions - Upton - Upton, KY	10	9	90%
Nutrien Ag Solutions - Waverly - Waverly, KY	11	10	91%
Nutrien Ag Solutions Inc - Henderson, KY	7	7	100%
Otis Bryant & Son, Inc. - Caneyville, KY	10	10	100%
Paducah-McCracken Riverport Authority - Paduca	2	1	50%
Parker Farm Supply - Port Royal, KY	16	15	94%
Parrish Shop & Sales, LLC - Henderson, KY	1	1	100%
Patriot Ag LLC - Clinton - Clinton, KY	12	12	100%
Patriot Ag LLC - Mayfield - Mayfield, KY	5	4	80%
PBI Gordon Corp - Shawnee, KS	1	1	100%
Pinnacle Ag - Franklin - Franklin, KY	4	4	100%
Pinnacle Ag - Russellville - Russellville, KY	10	10	100%
Pinnacle Agriculture Distribution Inc - Loveland, C	14	14	100%
Pleasant View Agri-Service - Auburn, KY	6	5	83%
Pro Ag Sales & Service - Danville - Danville, KY	25	22	88%
Pro Solutions - Crofton - Crofton, KY	16	11	69%
Pro Solutions - Springfield - Springfield, TN	11	11	100%
Reliance Ag - Russellville - Russellville, KY	10	10	100%
Rhodes Farm Supply - Scottsville, KY	1	1	100%
Rip's Farm Center - Tollesboro - Tollesboro, KY	40	38	95%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Rogers Fertilizer & Services LLC - Lebanon, KY	18	13	72%
Simplot AB Retail Sub Inc - Boise, ID	23	23	100%
Simplot Grower Solutions - Franklin - Franklin, KY	6	6	100%
Simplot Grower Solutions - Fancy Farm - Fancy Far	7	3	43%
Simplot Grower Solutions - Glasgow - Glasgow, KY	10	3	30%
Simplot Grower Solutions - Hartford - Hartford, KY	11	9	82%
South Central Farm Supply - Gamaliel, KY	10	9	90%
Southern FS Inc - Hickman - Hickman, KY	10	9	90%
Southern FS, INC - Marion, IL	26	26	100%
Southern States - Bowling Green - Bowling Green,	10	9	90%
Southern States - Cadiz - Cadiz, KY	12	11	92%
Southern States - Calhoun - Calhoun, KY	4	3	75%
Southern States - Campbellsville - Campbellsville,	12	11	92%
Southern States - Carlisle - Carlisle, KY	7	7	100%
Southern States - Cynthiana - Cynthiana, KY	16	11	69%
Southern States - Elizabethtown - Elizabethtown,	10	10	100%
Southern States - Elkton - Elkton, KY	10	10	100%
Southern States - Eminence - Eminence, KY	11	11	100%
Southern States - Flemingsburg - Flemingsburg, KY	11	11	100%
Southern States - Franklin - Franklin, KY	10	10	100%
Southern States - Georgetown - Georgetown, KY	14	14	100%
Southern States - Glasgow - Glasgow, KY	10	10	100%
Southern States - Harrodsburg - Harrodsburg, KY	10	9	90%
Southern States - Henderson - Henderson, KY	10	10	100%
Southern States - Hodgenville - Hodgenville, KY	10	10	100%
Southern States - Hopkinsville - Hopkinsville, KY	9	9	100%
Southern States - Horse Cave - Horse Cave, KY	10	9	90%
Southern States - Liberty - Liberty, KY	10	10	100%
Southern States - London - London, KY	13	13	100%
Southern States - Maysville - Maysville, KY	10	10	100%
Southern States - Morganfield - Morganfield, KY	10	9	90%
Southern States - Owensboro - Owensboro, KY	11	11	100%
Southern States - Owenton - Owenton, KY	11	9	82%
Southern States - Owingsville - Owingsville, KY	12	10	83%
Southern States - Richmond - Richmond, KY	10	10	100%
Southern States - Richmond VA - Richmond, VA	353	347	98%
Southern States - Russellville - Russellville, KY	5	4	80%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Southern States - Russellville Fertilizer Plant - Russ	5	4	80%
Southern States - Sebree - Sebree, KY	10	10	100%
Southern States - Shelbyville - Shelbyville, KY	11	7	64%
Southern States - Somerset - Somerset, KY	10	10	100%
Southern States - Springfield - Springfield, KY	10	10	100%
Southern States - Stanford - Stanford, KY	10	10	100%
Southern States - Warsaw - Owenton, KY	11	11	100%
Southern States - Winchester - Winchester, KY	11	10	91%
Southern States Winchester Fertilizer Plant - Winc	47	41	87%
Spectrum Group - St. Louis, MO	1	1	100%
Stanley Crop Service - Owensboro, KY	24	24	100%
SUL4R Plus, LLC - Louisville, KY	6	5	83%
Sun Bulb Company, INC. - Arcadia, FL	2	2	100%
Swiss Farms Products - Las Vegas, NV	6	6	100%
T and N Inc - Foristell, MO	2	2	100%
Tennessee Farmers Coop - Lavergne - LaVergne, T	6	6	100%
The Hawthorne Gardening Company - Port Washi	2	2	100%
The Scotts Company - Marysville, OH	8	8	100%
Thomas Cayce Farm Supply, LLC - Princeton, KY	31	29	94%
Tiger-Sul Products LLC - Atmore, AL	3	3	100%
Tri-County Fertilizer Co., Inc. - Richmond, KY	13	12	92%
Valley Fertilizer Company - Edmonton, KY	10	10	100%
Verdesian Life Sciences US LLC - Cary, NC	2	2	100%
Voluntary Purchasing Group - Bonham, TX	1	1	100%
Warner Fertilizer - Albany - Albany, KY	9	8	89%
Warner Fertilizer - Campbellsville - Campbellsville,	9	4	44%
Warner Fertilizer - Columbia - Columbia, KY	4	4	100%
Warner Fertilizer - Liberty - Liberty, KY	10	8	80%
Warner Fertilizer - Monticello - Monticello, KY	10	8	80%
Warner Fertilizer - Nancy - Nancy, KY	10	8	80%
Warner Fertilizer - Russell Springs - Russell Springs	10	9	90%
Warner Fertilizer - Somerset - Somerset, KY	95	90	95%
Warner Fertilizer - Stanford - Stanford, KY	6	6	100%
Warner Fertilizer - Tompkinsville - Tompkinsville,	10	10	100%
Waterway Ag Inc - Metropolis, IL	1	1	100%
White River LLC - Loogootee, IN	1	0	0%
Winfield Solutions, LLC - Saint Paul, MN	2	1	50%

TABLE 1: STANDING OF MANUFACTURERS

Manufacturer, City and State	No. of Samples	No. Passed	% Passed
Woodford Feed Company, Inc. - Versailles, KY	25	25	100%
TOTAL SAMPLES:	2460	2263	92%

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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							
02-00-00	'AMP EZ20 Essential Zinc	59876	2.51			125.5	*
Advanced Turf Solutions - Fishers Fishers ,IN							
09-12-06	'Armament Biosolids	58019	8.65	11.09	6.84	97.42	
16-18-12	'Advanced Turf Solutions	58020	18.23	27.59	9.94	123.74	
Ag Distributors Inc Nashville ,TN							
19-19-19	'19-19-19	58514	19.13	20.67	18.74	102.81	
18-46-00	'DAP	59049	17.16	44.86		96.91	
00-00-60	'MOP	59050			59.08	98.47	
00-00-60	'MOP	59607			59.81	99.68	
18-46-00	'DAP	59608	17.66	46.01		99.48	
46-00-00	'Urea	59609	46.10			100.22	
34-00-00	'AN	59700	34.08			100.24	
19-19-19	'19-19-19	60068	18.58	20.86	19.34	103.16	
19-19-19	'19-19-19	60069	18.85	19.59	20.25	102.87	
10-10-10	'10-10-10	60070	11.41	11.82	9.25	108.68	
15-15-15	'15-15-15	60071	14.29	16.26	14.85	100.94	
12-24-24	'12-24-24	60072	13.08	24.37	22.17	99.59	
00-00-22	'0-0-22	60073			21.77	98.95	*
Ag1 Coop Monticello ,KY							
22-00-30		58760	23.52		29.23	101.09	
03-06-06		59981	3.07	5.56	5.90	96.24	
05-12-45		60346	4.87	12.17	44.44	100.77	
06-16-39		60360	6.04	15.1	41.07	101.22	
30-00-21		60361	27.40		23.75	100.12	
Agri-Business Tech Inc Albany ,GA							
12-48-08	'Perfect Pond Plus Fish Pond Fertilizer	58331	12.29	46.85	9.27	100.15	*
Agri-Chem - Hopkinsville Hopkinsville ,KY							
08-20-34		58220	6.90	19.12	35.86	99.27	
08-20-34		58221	8.40	21.58	33.41	103.6	
04-19-22		58273	4.89	20.17	22.44	104.15	
04-19-22		58274	4.66	21.3	21.14	104.35	
04-19-22		58275	4.64	19.1	21.71	101.36	
05-25-30		58276	5.75	26.43	30.28	103.34	*
05-25-30		58277	5.86	26.32	29.79	102.69	*
06-14-19		58278	5.94	14.15	19.02	99.17	
05-13-18		58279	5.58	12.88	18	99.95	
Agri-Chem - Princeton Princeton ,KY							

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		59855	19.38	19.44	20.17	101.46	
16-22-22		59856	16.85	23.42	20.99	103.11	
16-22-22		59857	15.68	21.96	22.44	100.88	
19-19-19		59858	19.26	18.92	21.28	102.14	
12-09-38		59859	14.32	8.97	34.68	99.91	
19-19-19		59860	19.57	18.94	20.26	101.07	
09-23-30		59861	9	24.51	28.99	100.97	
09-23-30		59862	9.82	24.79	29.13	103.02	
19-19-19		59863	19.56	19.96	20.2	102.75	
09-23-30		59864	9.3	23.7	29.71	101.23	
<hr/>							
AgriGro Farm Center, Inc. Hartford ,KY							
00-00-60 'MP		58986			59.99	99.98	
18-46-00 'DAP		58987	17.5	44.66		97.12	
46-00-00 'Urea		58988	46.20			100.43	
18-46-00 'DAP		58989	17.18	44.97		97.11	
00-00-60 'MP		58990			59.91	99.85	
09-23-30		59899	9.31	23.87	29.96	101.91	
09-23-30		59900	8.78	22.48	31.65	101.31	
09-23-30		59901	8.68	22.77	31.68	101.68	
09-23-30		59902	8.63	22.57	31.74	101.35	
09-23-30		59903	8.96	24.79	29.94	102.84	
09-23-30		59904	9.39	24.43	29.81	102.75	
09-23-30		59905	9.18	24.14	30.24	102.58	
09-23-30		59906	9.13	24.26	30.52	103.13	
20-19-19		59907	19.97	20.48	19.32	103.29	
09-23-30		59908	8.62	22.25	31.92	101.08	
09-23-30		59909	9.31	22.86	32.07	103.49	
<hr/>							
Agriport Terminal Eddyville ,KY							
11-52-00 'MAP		57856	11.45	52.95		102.25	
11-52-00 'MAP		57857	11.55	53.64		103.5	
11-52-00 'MAP		57858	11.50	53.21		102.74	
00-00-60 'MOP		57859			60.57	100.95	
18-46-00 'DAP		57860	17.76	45.63		99.04	
11-52-00 'MAP		57861	11.49	53.61		103.35	
18-46-00 'DAP		57862	17.83	45.47		98.91	
00-00-60 'MOP		57863			59.04	98.4	
00-00-60 'MOP		57864			61.9	103.17	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	57951	16.86	45.98		98.07	
00-00-60	'MOP	57952			60.99	101.65	
00-00-22	'SPM	57953			22.22	103.35	*
00-00-60	'MOP	57954			60.8	101.33	
18-46-00	'DAP	57955	17.91	45.72		99.42	
11-52-00	'MAP	57956	11.33	52.06		100.66	
06-28-28		58045	5.91	28.39	29.7	104.34	*
04-20-37		58046	4.32	21.28	36.68	103.69	*
05-23-33		58047	4.62	23.19	35.29	102.09	
05-25-31		58048	5.23	24.75	32.5	100.9	
05-25-30		58069	4.97	23.03	33.35	99.87	*
18-46-00	'DAP	58214	17.33	46.78		100.07	
11-52-00	'MAP	58215	11.24	52.03		100.46	
11-52-00	'MAP	58216	11.42	51.47		99.89	
18-46-00	'DAP	58217	17.51	45.36		98.21	
00-00-60	'MP	58218			60.72	101.2	
12-40-00	'MES Z	58219	11.80	39.96		99.51	*
18-46-00	'DAP	58222	17.25	45.54		98.05	
00-00-60	'MP	58223			61.4	102.33	
00-00-60	'MP	58224			61.6	102.67	
09-23-30		58225	8.92	23.25	30.33	100.74	
09-23-30		58226	8.90	24.55	28.77	100.98	
11-28-24		58227	10.41	27.64	24.6	100.16	
00-00-60	'MOP	58313			61.26	102.1	
18-46-00	'DAP	58314	17.88	45.24		98.64	
46-00-00	'Urea	58350	46.20			100.43	
18-46-00	'DAP	58351	18.45	45.88		100.52	
00-00-60	'MP	58352			61.5	102.5	
00-00-60	'MP	58353			61.4	102.33	
00-00-50	'SOP	58382			50.68	101.36	
18-46-00	'DAP	58383	18.34	45.46		99.69	
18-46-00	'DAP	58384	18.41	45.57		99.97	
00-00-60	'MP	58385			60.72	101.2	
18-46-00	'DAP	58386	18.42	46.64		101.66	
46-00-00	'Urea	58387	46.11			100.24	
46-00-00	'Urea	58388	46.19			100.41	
46-00-00	'Urea	58592	45.52			98.96	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58593	18.35	46.67		101.59	
18-46-00	'DAP	58594	17.88	46.72		100.94	
18-46-00	'DAP	58595	18.35	46.69		101.62	
00-00-60	'MOP	58596			60.5	100.83	
46-00-00	'Urea	58612	46.19			100.41	
18-46-00	'DAP	58613	17.84	46.41		100.39	
00-00-60	'MOP	58614			60.46	100.77	
00-00-22	'K-Mag	58615			21.02	97.77	*
00-00-50	'SOP	58616			51.11	102.22	
46-00-00	'Urea	59043	46.01			100.02	
18-46-00	'DAP	59044	18.24	44.76		98.44	
00-00-60	'MP	59045			61.22	102.03	
18-46-00	'DAP	59046	17.12	45.74		98.22	
18-46-00	'DAP	59047	18.29	45.71		100	
18-46-00	'DAP	59048	18.06	46.62		101.06	
09-23-30		59244	8.69	22.92	31.02	100.93	
32-00-00	'UAN	59245	32.22			100.69	
09-22-31		59246	8.86	23.47	30.37	101.33	
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Allen County Farmers Service, Inc. Scottsville ,KY							
14-22-22		58761	13.95	22.13	21.62	101.43	
14-14-14		58762	14.11	15.6	15.06	105.29	
23-17-17		58763	23.03	17.57	16.61	101.57	
13-13-13		58764	13.66	13.68	14.04	104.92	
19-19-19		58765	18.87	20.12	19.35	100.46	
19-19-19		58774	18.56	20.68	19.77	101.57	
26-15-15		58775	25.51	14.54	14.71	99.19	
26-15-15		58776	24.88	13.73	15.26	97.46	
26-15-15		58777	25.05	14.97	15.09	99.8	
26-15-15		58778	25.64	15.29	14.99	101.31	
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Anderson County Farm Service, Inc. Lawrenceburg ,KY							
46-00-00	'Urea	60036	46.12			100.26	
18-46-00	'DAP	60037	17.32	46.36		99.5	
00-00-60	'MOP	60038			59.98	99.97	
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Ballard County Coop., Inc. La Center ,KY							
18-46-00	'DAP	59328	17.51	46.44		99.92	
00-00-60	'MP	59329			62.74	104.57	
18-46-00	'DAP	59330	17.96	45.87		99.73	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-00-00	'AS	59331	20.85			101.71	*
20-00-00	'AS	59332	20.61			100.54	*
34-00-00	'AN	59333	34.24			100.71	
00-00-60	'MP	59334			61.53	102.55	
18-46-00	'DAP	59335	17.69	45.64		98.95	
06-15-40		59336	5.90	16.23	41.06	103.05	
13-20-20		59337	12.48	21.12	20.47	103.39	*
13-20-20		59338	12.49	20.34	20.7	102.3	*
13-20-20		59367	12.03	19.34	20.7	99.21	*
13-20-20		59368	12.79	19.72	20.12	100.39	*
13-20-20		59369	12.65	19.63	20.57	100.76	*
09-23-30		59370	8.85	22.87	29.58	98.88	
22-12-15		59371	21.12	11.03	16.03	100.22	
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Bandana Ag, Inc. La Center ,KY							
14-12-16		57962	14.54	12.28	15.93	104.5	
00-00-60	'MP	57963			61.81	103.02	
18-46-00	'DAP	57964	17.48	45.84		98.89	
34-00-00	'AN	57965	34.38			101.12	
12-40-00	'MES 10	57966	11.95	39.61		99.16	*
00-00-60	'MP	58345			61.77	102.95	
18-46-00	'DAP	58346	17.20	44.48		96.38	
34-00-00	'AN	58347	34.23			100.68	
12-40-00	'MES 10	58348	12.17	39.15		98.69	*
10-18-28		59372	9.27	15.02	31.96	100.37	*
10-18-28		59373	10.06	17.07	29.19	100.89	*
14-18-24		59374	13.54	18.72	24.34	100.32	
14-18-24		59689	13.73	19.7	24.64	102.97	
14-18-24		59690	13.80	18.87	24.68	101.65	
13-12-30		59691	12.96	11.77	30.69	101.66	
08-21-32		59692	8.83	22.93	31.29	102.08	
15-13-26		59693	14.39	15.06	26.98	105.07	
15-13-26		59694	14.57	12.99	26.83	101.15	
32-00-00	'UAN	59695	31.98			99.94	
10-18-28		59696	10.06	16.76	29.58	100.98	*
10-18-28		59697	9.89	18.23	28.95	102.32	*
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Bickett Ag - Central City Central City ,KY							
09-23-30		59708	8.55	22.34	33.13	102.98	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		59709	9.99	26.1	27.99	103.74	
09-23-30		59710	8.76	24.03	30.96	102.81	
09-23-30		59711	9.52	24.78	29.97	103.8	
09-23-30		59712	9.29	24.37	30.07	102.89	
09-23-30		59713	9.40	24.68	30.44	104.16	
09-23-30		59714	9.20	25.29	29.62	103.58	
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Bickett Ag - Morganfield Morganfield ,KY							
00-00-60	'MP	59299			61.14	101.9	
00-00-60	'MP	59300			61.5	102.5	
00-00-60	'MP	59301			61.4	102.33	
18-46-00	'DAP	59302	17.42	45.9		98.45	
18-46-00	'DAP	59303	17.71	45.17		98.25	
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Black Gold EnviroSAFE Arcadia ,FL							
08-05-05	'Dynamite Mater Magic	60180	8.45	3.63	6.85	104.48	*
08-05-05	'Dynamite Mater Magic	60369	8.21	6.58	8.13	126.57	*
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Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY							
31-00-00		59894	29.92			97.55	
07-17-37		59895	6.75	17.01	38.24	101.6	
26-11-14		59896	25.14	11.12	15.43	102.74	
31-00-00		59897	28.67			93.48	
28-12-15		59898	27.06	12.67	15.61	102.45	
28-00-24		60002	26.69		24.33	99	
28-12-15		60003	26.91	11.07	16.25	100.26	
13-09-36		60004	12.65	8.93	36.28	99.71	
28-12-15		60005	27.21	12.01	16.46	102.97	
28-12-15		60006	26.83	11.44	16.54	101.31	
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C.D. Poore Fertilizer Albany ,KY							
00-00-60	'MOP	58446			61.64	102.73	
21-00-00	'AMS	58447	20.38			97.05	*
18-46-00	'DAP	58448	18.14	47.28		102.22	
46-00-00	'Urea	58449	46.04			100.09	
18-46-00	'DAP	58450	17.81	45.69		99.22	
19-19-19	'Poore	60233	18.53	19.67	19.09	100.51	
15-15-15	'Poore	60234	12.89	15.06	12.80	90.69	
05-10-15	'Poore	60235	5.52	10.26	16.1	106.67	
21-15-20		60236	20.70	16.38	19.70	100.35	
19-10-13		60237	18.45	10.14	14.26	101.9	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
13-16-21		60326	12.79	15.97	21.81	102.97	*
05-03-08		60327	6.07	3.48	9.73	118	
09-23-30		60328	9.21	23.54	29.84	101.01	
14-00-15		60329	14.46		13.94	99.65	
14-00-15		60330	14.44		14.65	101.88	
00-00-50 'SOP		60331			48.95	97.9	
15-08-14		60334	14.14	8.09	12.43	93.22	*
15-08-14		60335	14.52	8.43	15.34	102.65	*
15-08-14		60336	14.09	7.87	15.8	101.08	*
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Central Crop Care Crab Orchard ,KY							
18-46-00 'DAP		58494	17.93	46.33		100.41	
00-00-60 'MOP		58495			61.65	102.75	
46-00-00 'Urea		58496	46.10			100.22	
20-00-29		59661	18.72		30.93	101.02	*
19-20-19		59662	19.23	19.52	19.56	101.85	
19-19-19		59663	19.02	19.27	20.31	102.76	
19-19-19		59664	18.48	17.47	21.17	99.98	
04-11-15		59665	4.82	10.92	16.86	106.85	
14-14-14		59666	13.01	13.47	15.99	104.01	
14-14-14		59667	13.70	12.71	16.73	105.56	
14-14-14		59668	12.67	12.18	17.45	103.3	
19-19-19		59669	19.67	19.56	21.4	106.27	
19-19-19		59670	17.91	17.98	24.31	105.09	
46-00-00 'Urea		60269	46.20			100.43	
18-46-00 'DAP		60270	17.91	46.95		101.34	
00-00-60 'MOP		60271			59.17	98.62	
00-00-22 'K-Mag		60272			21.9	101.86	*
00-00-50 'SOP		60273			49.48	98.96	
44-00-00 'ESN		60274	44.57			101.3	
21-00-00 'AS		60275	20.54			97.81	*
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Central Farmers Supply, Inc. Greensburg ,KY							
17-17-17		59115	16.53	18.2	21.08	111.23	
19-19-19		59116	18.30	20.31	21.34	103.02	
19-19-19		59117	18.68	19.33	21.5	102.21	
18-15-24		59118	19.14	16.43	24.28	104.07	
18-15-24		59119	19.62	15.86	24.8	104.77	
19-19-19		59120	19.92	19.95	20.49	103.84	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		59121	19.40	20.16	20.54	103.39	
19-19-19		59122	19.69	20.2	20.36	103.68	
18-18-22		59180	17.14	19.24	23	101.91	
19-19-19		59181	18.93	20.21	20.45	102.52	
Central Garden & Pet Garden Division Atlanta ,GA							
15-10-10	'Pennington Color Blooms & Bulb	60202	14.88	11.5	11.4	107.81	*
10-08-06	'Pennington Azalea Camellia & Rhododendron	60203	9.99	8.12	6.59	102.78	*
10-10-10	'Pennington All Purpose	60204	10.06	9.65	9.91	98.72	*
CHS Crop Nutrients - Owensboro Owensboro ,KY							
18-46-00	'DAP	58779	17.75	47.87		102.53	
18-46-00	'DAP	58780	17.74	47.58		102.06	
46-00-00	'Urea	58781	46.20			100.43	
00-00-60	'MOP	58782			61.59	102.65	
18-46-00	'DAP	58864	17.32	45.2		97.69	
18-46-00	'DAP	58865	17.28	45.45		98.02	
46-00-00	'Urea	58866	45.99			99.98	
00-00-60	'MOP	58867			61.35	102.25	
21-00-00	'AS	58868	20.60			98.1	*
18-46-00	'DAP	58869	17.11	44.83		96.78	
18-46-00	'DAP	58870	17.36	45.62		98.41	
46-00-00	'Urea	58871	45.93			99.85	
00-00-60	'MOP	58872			60.67	101.12	
46-00-00	'Urea	58905	46.11			100.24	
18-46-00	'DAP	58906	18.16	45.19		98.98	
00-00-60	'MOP	58907			60.85	101.42	
21-00-00	'AS	58908	20.76			98.86	*
18-46-00	'DAP	58909	17.43	49.45		104.5	
21-00-00	'AS	58910	20.72			98.67	*
00-00-50	'SOP	58911			51.5	103	
00-00-60	'MOP	58912			59.55	99.25	
46-00-00	'Urea	58913	46.10			100.22	
18-46-00	'DAP	58914	18.08	45.19		98.86	
00-00-60	'MOP	58969			61.18	101.97	
00-00-60	'MOP	58970			59.49	99.15	
18-46-00	'DAP	58971	16.81	46.41		98.78	
18-46-00	'DAP	58972	16.92	44.61		96.14	
18-46-00	'DAP	58973	17.71	45.98		99.52	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58974	17.27	45.8		98.55	
00-00-60	'MOP	58975			59.96	99.93	
00-00-60	'MOP	58976			60.43	100.72	
18-46-00	'DAP	59706	17.69	46.27		99.94	
18-46-00	'DAP	59707	18.18	46.31		100.77	
32-00-00	'32-0-0	60372	31.56			98.62	
32-00-00	'32-0-0	60373	31.10			97.19	
32-00-00	'32-0-0	60375	31.36			0.00	
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Clements Ag Supply Springfield ,KY							
46-00-00	'Urea	58678	46.16			100.35	
18-46-00	'DAP	58679	17.21	46.44		99.45	
00-00-60	'MOP	58680			61.82	103.03	
41-00-00		60246	39.92			97.03	*
41-00-00		60247	40.45			98.66	*
04-11-29		60248	4.66	11.59	26.93	97.54	*
46-00-00	'Super U	60249	46.17			100.37	
21-00-00	'AS	60250	20.88			99.43	*
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Corbin Farm & Garden Center, Inc. Corbin ,KY							
00-00-60	'MOP	58977			59.97	99.95	
18-46-00	'DAP	58978	17.85	45.87		99.56	
46-00-00	'Urea	58979	45.84			99.65	
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Darling Ingredients Inc - Irving TX Irving ,TX							
27-00-02	'Nature Safe 27-0-2	58284	27.18		2.36	101.48	*
21-03-07	'Nature Safe 21-3-7	58285	20.30	2.58	7.8	98.07	*
18-00-04	'Nature Safe 18-0-4	58286	18.68		4.03	103.39	*
16-00-02	'Nature Safe 16-0-2	58287	18.76		2.38	117.38	*
13-00-00	'Nature Safe 13-0-0	58288	11.20			86.15	
12-02-06	'Nature Safe 12-2-6	58289	11.77	2.95	6.86	106.78	*
10-02-08	'Nature Safe 10-2-8	58290	9.64	2.52	9.37	105.99	*
10-00-08	'Nature Safe 10-0-8	58291	10.05		7.71	99.06	*
08-03-05	'Nature Safe 8-3-5	58297	8.70	4.1	4.97	111.96	*
05-06-06	'Nature Safe 5-6-6	58298	5.66	5.98	9.1	118.73	*
07-12-00	'Nature Safe 7-12-0	58299	7.29	14.61		114.88	*
09-06-01	'Nature Safe 9-6-1	58300	9.67	8.25	0.66	116.47	*
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Dr. Earth Inc Winters ,CA							
08-00-02	'Dr. Earth Super Natural Premium Concentrate Lawn Fertilizer	58484	9.66		3.19	128.02	
04-06-03	'Dr. Earth Organic 4-6-3 Tomato Veg & Herb	60179	5.02	7.75	3.64	126.32	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
04-06-03	'Dr. Earth Home Grown Tomato Vegetable and Herb Fertiliz	60368	5.07	8.62	3.56	132.94	*
Drake's Farm Service, Inc. Morgantown ,KY							
22-18-18		59480	22.32	17.69	17.91	101.71	
19-19-19		59481	19.34	18.68	19.73	99.33	
19-19-19		59482	20.05	19.61	18.74	100.61	
16-16-16		59483	19.05	18.34	18.04	116.35	
16-16-16		59484	19.52	19.61	17.23	118.48	
19-19-19		59485	23.83	19.94	18.3	107.15	
11-28-24		59486	13.76	28.67	23.09	105.26	
19-19-19		59487	18.92	20.93	19.25	101.78	
09-23-30		59488	9.07	24.78	29.37	102.12	
09-23-30		59489	9.00	24.26	30.15	102.34	
Easy Gardener Waco ,TX							
04-04-04	'Jobe s Organics All-Purpose 4-4-4	58516	3.68	5.36	6.59	129.35	*
03-04-03	'Jobes Rose & Flower	60176	3.90	6.85	3.5	143.1	*
16-04-04	'Jobes Tree & Shrub Spikes	60177	17.76	6.9	7.17	132.03	
08-11-11	'Jobes Fruit Tree Spikes	60240	11.77	15.42	12.45	132.68	
11-03-04	'Jobes Evergreen Tree Spikes	60241	15.84	6.79	7.32	166.1	
03-05-04	'Jobes Annuals & Perennials	60242	3.83	7.28	5.99	142.31	*
Eau Claire CO-OP Oil Company Eau Claire ,WI							
22-00-10	'Menards Fall Lawn 22-0-10	58000	22.27		9.98	100.9	*
15-23-10	'Menards Starter 15-23-10	58001	16.10	24.87	9.55	105.87	*
30-00-03	'Menards Premium Lawn Food 30-0-3	58391	30.40		3.7	103.19	*
EcoScraps Marysville ,OH							
05-04-06	'Tomato Herb & Veg	60200	4.79	6.97	5.93	118.53	*
Encap, LLC Green Bay ,WI							
14-00-00	'Sta Green Blood Meal	60298	14.85			106.07	
Espoma Company Millville ,NJ							
10-03-01	'Organic Bat Guano	58471	7.49	2.54	1.29	80.59	
03-04-04	'Espoma Organic Garden-Tone Herb & Vegetable 3-4-4	58515	4.51	5.8	5.06	140.1	*
04-03-03	'Bio-Tone Starter Plus	60243	4.29	4.76	3.48	125.52	*
03-04-06	'Tomato-Tone	60244	4.01	5.81	6.47	125.94	*
05-03-03	'Plant Tone All Purpose	60245	5.22	4.93	3.63	125.36	*
Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY							
27-14-14		58821	27.07	15.12	13.15	101.62	
20-13-23		58822	20.52	14.05	22.67	101.15	
22-11-22		58823	22.88	12.15	21.65	102.23	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		58824	19.55	19.7	19.77	101.57	
39-00-00		58825	37.97			97.21	*
16-07-19		58826	17.51	6.49	18.25	102.36	
08-11-16		58827	7.48	10.95	15.49	98.03	
16-07-19		58828	17.75	5.148	15.86	94.07	
27-14-14		58829	27.01	14.28	13.84	101.11	
27-14-14		58830	27.60	14.31	13.83	102.27	
Farmers Fertilizer - Kelly Road Bowling Green ,KY							
19-20-19		59201	17.72	19.69	21.77	101.58	
19-19-19		59202	17.40	19.23	21.87	100.38	
09-23-30		59203	8.99	23.3	32.9	104.97	
09-23-30		59204	10.69	27.5	25.72	103.74	
20-20-19		59205	19.36	19.29	21.38	103.13	
26-18-12		59206	22.77	16.4	17.27	100.07	
19-20-19		59207	19.38	19.21	19.98	100.63	
20-20-19		59339	17.88	20.57	21.18	102.43	
20-20-19		59340	18.03	20.24	20.97	101.8	
20-20-19		59341	17.30	19.9	22.88	103	
Farmers Fertilizer - Old Nashville Rd Bowling Green ,KY							
33-08-11		59464	31.37	8.84	12.8	102.05	
33-08-11		59465	30.83	8.99	13.38	102.34	
31-12-10		59466	30.83	13.22	10.1	102.1	
31-12-10		59467	30.87	13.37	10.21	102.66	
20-20-19		59468	19.34	19.03	19.76	99.97	
33-08-11		59469	31.96	9.62	11.58	102.53	
33-08-11		59470	31.74	9.23	12.21	102.47	
20-20-19		59471	18.77	20.22	20.66	102.53	
31-12-10		59472	31.09	12.24	9.87	100.32	
31-12-10		59473	30.51	13.32	11.39	103.96	
Farmers Fertilizer - Smiths Grove Smiths Grove ,KY							
08-22-30		59841	8.94	22.56	30.7	102.83	
08-22-30		59842	8.94	23.76	29.6	103.14	
32-10-10		59843	30.20	11.27	11.69	102.38	
19-22-16		59844	19.78	19.31	18.63	100.2	
08-22-30		59845	8.22	21.16	32.45	101.96	
08-22-30		59846	8.34	22.11	31.39	102.12	
19-19-19		59847	18.52	19.86	19.86	102.44	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		59848	19.16	19.84	20.27	104.25	
08-22-30		59849	8.93	23.4	30.4	103.78	
08-22-30		59850	8.45	21.61	33.02	104.04	
Fleming County Farm Supply Flemingsburg ,KY							
00-00-51	'SP 51	58838			50.83	99.67	
00-00-61	'MP 61	58839			59.89	98.18	
18-46-00	'DAP	58840	17.90	46.11		100.02	
46-00-00	'Urea	58841	46.03			100.07	
00-00-51	'SP 51	58899			51.44	100.86	
21-00-00	'AS	58900	20.98			99.9	*
46-00-00	'Urea	58901	46.01			100.02	
00-00-61	'MP 61	58902			61.4	100.66	
11-52-00	'MAP	58903	10.95	51.34		98.87	
18-46-00	'DAP	58904	17.58	45.22		98.12	
21-00-00	'AS	59021	20.72			98.67	*
00-00-51	'SP 51	59022			45.80	89.8	
18-46-00	'DAP	59023	17.32	46.28		99.38	
00-00-61	'MP 61	59024			59.64	97.77	
46-00-00	'Urea	59025	46.15			100.33	
24-15-15		59423	23.82	16.43	14.69	101.05	
19-19-19		59424	18.86	20.52	20.02	102.23	
19-20-19		59425	19.74	20.44	18.03	100.36	
15-00-00		59426	13.94			95.02	*
19-19-19		59427	18.84	18.88	20.45	100.03	
10-21-20		59428	10.81	21.32	19.85	103.01	*
00-00-30		59429			29.15	97.17	
21-00-12		59430	19.98		12.13	97.04	
16-23-18		59431	15.75	23.92	18.57	100.58	
18-22-18		59432	17.97	22.38	18.42	101.02	
21-00-00	'AS	60080	20.61			98.14	*
00-00-60	'MP	60081			59.34	98.9	
46-00-00	'Urea	60082	46.09			100.2	
11-52-00	'MAP	60083	11.13	52.46		100.94	
18-46-00	'DAP	60084	18.57	46.57		101.78	
21-00-00	'AS	60112	21.12			100.57	*
00-00-51	'SP 51	60113			49.74	97.53	
00-00-61	'MP 61	60114			60.39	99	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	60115	46.01			100.02	
00-00-50	'SP	60121			49.02	98.04	
00-00-60	'MP	60122			59.59	99.32	
18-46-00	'DAP	60123	17.45	46.48		99.89	
21-00-00	'AS	60124	21.19			100.9	*
46-00-00	'Urea	60125	46.14			100.3	
03-13-15		60285	3.24	13.76	17.62	112.4	
03-13-15		60286	2.88	12.41	14.61	97.23	
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Gaskins Fertilizer Russell Springs ,KY							
21-00-00	'AMS	58547	21.26			101.24	*
00-00-60	'MOP	58548			61.56	102.6	
18-46-00	'DAP	58549	17.76	45.31		98.55	
46-00-00	'Urea	58550	46.05			100.11	
21-15-20		59797	22.97	15.39	17.82	99.43	
13-18-24		59798	12.91	17.26	25.72	100.67	*
13-18-24		59799	12.99	18.02	24.7	100.48	*
26-00-16		59800	26.80		14.52	98.88	*
20-16-16		59801	19.36	16.56	16.3	99.73	*
26-11-12		59802	24.65	10.28	13.07	98.13	*
26-11-12		59803	25.72	10.43	12.76	100.07	*
17-15-20		59804	17.47	14.66	20.36	99.87	*
17-15-20		59805	17.5	15.07	20.11	100.28	*
17-15-20		59806	17.51	15.06	19.74	99.61	*
19-19-19		59810	19.07	19.02	18.90	98.08	
00-00-60	'MOP	59811			60.13	100.22	
44-00-00	'ESN	59812	44.84			101.91	
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Green River Feed Mill Inc Morgantown ,KY							
18-24-18		59851	17.58	23.71	18.85	101.7	
21-14-14		59852	23.29	19.34	9.96	107.74	
19-19-19		59853	18.6	18.94	21.78	101.8	
19-19-19		59948	18.45	19.56	20.98	101.37	
19-19-19		59949	19.42	19.78	20.53	102.73	
19-19-19		59950	19.55	20.32	19.59	102.34	
24-16-16		59951	25.33	16.34	15.38	102.22	
22-17-18		59952	21.43	17.61	19.4	102.49	
19-19-19		59953	19.74	20.13	19.2	101.71	
09-23-30		60078	6.34	15.74	38.56	96.63	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Gro Tec Inc Madison ,GA							
04-03-00	'ProCare Natural Fertilizer	57946	4.68	4.54		130.94	*
32-00-10	'Sta-Green Winterizer Fertilizer	57957	31.22		10.82	99.4	*
32-00-10	'Sta-Green Winterizer 32-0-10	58293	32.77		8.98	100.23	*
18-24-06	'Sta-Green Lawn Starter 18-24-6	58294	17.92	23.49	6.23	99.11	
10-10-10	'Groundwork All-Purpose 10-10-10	58520	9.98	10.24	10.83	104.88	
12-05-07	'Expert Gardener All-Purpose 12-5-7	58530	10.79	4.64	5.88	88.9	*
10-10-10	'Expert Gardener Flower 10-10-10	58531	9.53	9.98	10.37	99.49	
16-04-08	'Expert Gardener Evergreen Tree and Shrub 16-4-8	58532	12.76	3.86	6.52	82.67	*
24-25-04	'Expert Lawn Starter	58538	23.16	25.09	4.06	98.68	
16-04-08	'Evergreen Tree and Shrub	58545	16.93	4.67	8.99	109.18	*
12-05-07	'All Purpose Plant Food	58546	13.70	5.6	7.91	113.38	*
18-24-06	'Sta-Green Lawn Starter 18-24-6	58617	17.62	23.83	7.55	101.86	
24-08-16	'Sta-Green Plant Food 24-8-16	58618	25.07	8.28	15.56	102.02	*
19-06-12	'Sta-Green All Purpose 19-6-12	58619	20.09	6.92	13.73	110	*
12-06-10	'Rose Food	60074	12.60	5.73	9.67	100.09	*
10-10-10	'Flower Food	60075	9.95	9.8	9.67	98.1	
12-10-05	'Tomato & Vegetable	60076	12.56	10.44	5.47	105.39	*
12-05-07	'All Purpose	60077	10.40	4.228	6.26	86.99	*
19-06-12	'Sta Green All Purpose	60201	20.03	6.86	13.6	109.33	*
12-05-07	'Expert Gardener All Purpose Plant Food 12-5-7	60295	15.92	7.13	8.51	131.73	*
Hancock County Farm Supply, Inc. Hawesville ,KY							
18-46-00	'DAP	58307	18.26	45.69		99.96	
00-00-60	'MP	58308			60.67	101.12	
18-46-00	'DAP	59772	17.90	46.1		100	
46-00-00	'Urea	59773	46.20			100.43	
00-00-60	'MP	59774			60.81	101.35	
00-00-50	'SP	59854			51.76	103.52	
Helena Agri-Enterprises - Hazel Hazel ,KY							
07-19-35		58173	7.84	19.51	34.21	100.55	*
09-10-40		58174	7.45	9.97	42.13	99.83	*
06-15-22		58175	6.65	14.84	20.73	98.82	*
06-15-22		58176	6.30	14.28	20.48	95.83	*
06-15-22		58177	6.88	14.71	22.07	101.76	*
06-15-22		58178	7.02	15.6	20.82	102.1	*
06-15-22		58179	6.82	15.36	21.4	102.01	*
08-11-36		59815	7.22	10.86	36.63	100.05	*
08-11-36		59816	7.26	11.12	36.14	99.76	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
08-11-36		59817	7.6	11.42	35.91	100.58	*
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Helena Agri-Enterprises - Hickman Hickman ,KY							
12-31-20		59566	11.54	31.01	20.98	101.28	
12-31-20		59567	11.97	31.31	21.1	102.66	
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Helena Agri-Enterprises, LLC - Collierville Collierville ,TN							
21-00-00	'AMS	58010	21.12			100.57	*
00-00-22	'KMag	58011			23.11	105.05	*
18-46-00	'DAP	58012	18.17	47.5		102.56	
00-00-60	'MP	58013			58.66	97.77	
18-46-00	'DAP	58014	18.39	47.35		102.7	
00-00-60	'MP	58335			61.15	101.92	
46-00-00	'Urea	58336	46.11			100.24	
21-00-00	'AS	58337	21.19			100.9	*
18-46-00	'DAP	58338	18.36	46.66		101.59	
00-00-60	'MP	58339			61.01	101.68	
21-00-00	'AS	58586	21.14			100.67	*
00-00-22	'K Mag	58587			22.09	100.41	*
00-00-60	'MP	58588			60.53	100.88	
18-46-00	'DAP	58589	17.43	45.52		98.36	
00-00-60	'MP	58590			59.84	99.73	
46-00-00	'Urea	58591	46.19			100.41	
10-05-00	'Ele-Max Sulfur LC 10-5-0	60404	9.37	5.27		97.6	*
11-06-05	'ENC Flex 11-6-5	60405	11.39	6.6	5.71	107.61	*
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Helm Fertilizer Company Administrative Offices Tampa ,FL							
18-46-00	'DAP	58562	17.99	45.74		99.58	
00-00-60	'MOP	58563			61.89	103.15	
46-00-00	'Urea	58564	46.13			100.28	
00-00-60	'MOP	58565			59.59	99.32	
46-00-00	'Urea	58566	46.10			100.22	
46-00-00	'Urea	58567	46.14			100.3	
46-00-00	'Urea	58568	45.99			99.98	
46-00-00	'Urea	58569	46.05			100.11	
20-00-00	'AMS	58570	20.50			101.49	*
46-00-00	'Urea	59610	46.09			100.2	
18-46-00	'DAP	59891	17.69	46.63		100.5	
46-00-00	'Urea	59892	46.03			100.07	
00-00-60	'MOP	59893			60.84	101.4	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Henry Farmers Cooperative - Murray Murray ,KY							
30-08-10		59237	29.49	7.82	11.3	102.89	*
09-23-30		59238	9.16	23.64	29.9	101.18	
15-17-23		59582	14.43	18.83	23.21	102.6	*
06-15-39		59583	8.25	21.64	30.02	102.23	*
09-23-30		59584	8.44	23.27	30.94	101.1	
09-23-30		59585	8.58	23.22	30.4	100.41	
09-23-30		59586	8.54	24.37	29.79	101.33	
19-16-21		59587	18.79	17.24	20.29	100.48	*
09-23-30		59588	8.49	23.03	30.5	100.1	
09-23-30		59589	9.05	24.97	30.81	104.77	
Henry Farmers Cooperative - Paris Paris ,TN							
21-00-00	'AS	58578	20.58			98	*
00-00-60	'MP	58579			59.61	99.35	
46-00-00	'Urea	58580	46.16			100.35	
18-46-00	'DAP	58581	17.53	45.46		98.42	
46-00-00	'Urea	58582	46.14			100.3	
00-00-60	'MP	58583			59.51	99.18	
18-46-00	'DAP	58584	17.27	46.37		99.44	
00-00-60	'MP	58585			60.19	100.32	
32-00-00	'32 UAN	59660	32.07			100.22	
Hinton Mills at Cynthiana Cynthiana ,KY							
34-00-00		59751	32.59			97.28	*
03-08-49		59755	3.09	7.63	49.77	101.8	*
12-07-26		59756	12.05	6.86	24.45	99.06	*
28-00-24		59757	28.57		23.66	101.32	
29-00-22		59870	28.48		22.64	99.72	
24-14-18		59871	22.91	13.6	19.5	100.39	
07-18-36		59872	6.92	18.53	36.99	101.3	
07-18-36		59873	7.38	18.4	36.88	101.69	
07-19-35		59874	7.26	18.12	36.93	100.93	
29-00-22		59877	27.89		23.05	99.29	
29-00-22		59878	28.62		25.13	104.64	
Hydrite Chemical Company Brookville ,WI							
04-00-00	'Hydri-Gro Zn 4.5-0-0	59104	8.48			188.44	*
IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres							
04-04-04	'Burpee All Purpose Plant Food 4-4-4	58318	4.285	3.53	3.975	98.43	*
05-04-04	'Expert Gardener Organics All-Purpose 5-4-4	58529	5.73	4.58	4.49	113.88	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
06-08-00	'Burpee Natural and Organic Bone Meal	58556	8.72	9.27		128.5	*
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Innictis Crop Care LLC Loveland ,CO							
20-00-06	'Novus K	59359	19.90		6.6	101.78	*
10-20-05	'Captive	59360	10.43	20.85	5.28	104.44	*
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J. A. Oldfield & Son, Inc. Mize ,KY							
00-00-60	'MP	58790			59.44	99.07	
46-00-00	'Urea	58791	46.20			100.43	
18-46-00	'DAP	58792	17.31	46		98.92	
18-46-00	'DAP	58793	18.02	47.29		102.05	
46-00-00	'Urea	58794	46.20			100.43	
19-19-19	'Shannon Chaney 19-19-19	58795	18.46	19.6	20.98	103.4	
10-10-10	'Top Crop	58796	10.93	11.4	10.83	110.59	
12-12-12	'Top Crop	58797	12.65	12.82	12.12	104.51	
19-19-19	'Top Crop	58798	19.36	20.07	18.83	102.29	
05-10-15	'Top Crop	58799	5.43	11.19	16.42	109.88	
05-20-20	'Top Crop	58800	8.44	21.72	19.49	110.78	
27-14-14		59412	26.10	12.98	14.94	100.12	
19-19-19	'Adams 19-19-19	59413	18.92	19.09	19.18	100.32	
19-19-19	'Sweeney 19-19-19	59414	18.63	18.43	20.28	100.44	
20-31-10		59415	19.17	30.43	10.51	99.55	
10-10-10	'Top Crop	59437	10.50	10.95	10.61	106.89	
10-10-10	'Top Crop	59753	10.75	10.17	10.92	106.05	
19-19-19	'Top Crop	59754	18.85	17.9	19.71	98.93	
19-19-19	'Top Crop	59868	18.59	19.85	18.71	100.31	
19-19-19	'Top Crop	60058	19.00	19.11	19.1	100.36	
10-10-10	'Top Crop	60079	10.47	10.95	10.38	106.06	
10-10-10	'Top Crop	60277	10.23	11.6	11.84	112.07	
12-12-12	'Top Crop	60278	12.61	13.66	14.12	112.05	
19-19-19	'Top Crop	60279	17.91	20.4	20.66	103.32	
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J. R. Peters Allentown ,PA							
20-20-20	'Jacks Classic All Purpose 20-20-20	60363	22.60	20.11	20.43	105.31	*
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Janes Fertilizer & Farm Supply Columbia ,KY							
46-00-00	'Urea	58434	46.05			100.11	
00-00-60	'MOP	58435			61.86	103.1	
18-46-00	'DAP	58436	18.06	46.44		100.78	
46-00-00	'Urea	58437	46.17			100.37	
19-19-19		59167	18.54	20.54	20.54	102.53	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-07-26		59168	18.22	7.3	28.07	103.18	*
19-07-26		59169	19.66	6.84	26.6	102.32	*
19-19-19		59170	19.84	20.51	18.61	101.62	
19-19-19		59171	19.57	20.74	19.15	102.45	
19-19-19		59172	19.55	20.07	19.57	101.92	
19-19-19		59173	18.30	20.76	20.36	102.2	
19-19-19		59174	19.39	20.96	19.32	102.8	
19-19-19		59175	18.47	19.93	20.26	100.87	
19-19-19		59176	18.73	19.05	20.94	100.88	
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Kee's Farm Service & Supply, LLC. Grayson ,KY							
00-00-60	'MP	58801			59.16	98.6	
18-46-00	'DAP	58802	18.08	46.8		101.38	
46-00-00	'Urea	58803	46.05			100.11	
06-06-06		58806	6.81	7.87	7.33	115	
22-00-28		59386	21.56		27.23	98.25	
19-19-19		59387	19.18	19.87	20.1	101.75	
23-00-30		59388	22.71		28.72	97.1	
19-19-19		59389	19.56	19.55	19.7	101.21	
18-46-00	'DAP	59390	17.66	46.25		99.86	
46-00-00	'Urea	59391	46.04			100.09	
22-00-28		59392	20.82		27.49	97.2	
05-13-42		60130	4.98	12.45	43.32	102.24	*
05-13-42		60131	5.01	12.62	42.37	101.01	*
08-20-33		60134	7.84	19.71	34.97	102.17	*
06-15-37		60135	5.78	14.75	39.1	103.33	*
06-15-37		60136	5.66	14.59	39.26	103.21	*
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Ken's Value Center Berry ,KY							
19-19-19	'19-19-19	59072	18.28	20.86	18.85	101.8	
19-19-19	'19-19-19	60231	19.85	19.95	18.76	102.84	
34-00-00	'34-0-0 (Ammonium Nitrate)	60276	34.34			101	
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Kentucky American Seeds - Madisonville Madisonville ,KY							
31-00-00		60374	31.30			0.00	*
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Kentucky Fertilizer - Winchester Winchester ,KY							
13-25-12	'Kentucky Fertilizer 13-25-12	58381	12.17	24.95	11.64	97.53	
05-10-10	'Kentucky Green	58880	4.87	9.95	10.59	101.51	
10-10-10	'Kentucky Green	58881	10.64	11.71	11.54	112.9	
10-20-10	'Kentucky Green	58882	9.86	18.88	10.51	97.99	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-20-20	'Kentucky Green	58883	9.76	20.08	19.69	99.08	
12-12-12	'Kentucky Green	58884	11.13	13.13	12.21	101.29	
12-12-12	'Kentucky Green	58885	10.64	10.48	9.93	86.34	
15-15-15	'Kentucky Green	58886	14.34	16.09	14.93	100.83	
15-30-15	'Kentucky Green	58887	15.06	31.13	15.32	102.52	
19-19-19	'Kentucky Green	58888	19.46	18.94	18.73	100.27	
19-19-19	'19-19-19	59041	19.87	17.82	18.54	98.68	
19-19-19	'19-19-19	59042	18.76	19.88	16.61	97.18	
10-10-10	'10-10-10	59073	9.30	10.06	10.58	99.64	
19-19-19	'Kentucky Green	59865	19.72	20.28	17.98	101.9	
10-10-10	'Kentucky Green	60025	10.29	10.77	11.84	109.44	
12-12-12	'Kentucky Green	60026	10.94	11.68	9.78	90.22	
12-12-12	'Kentucky Green	60031	12.58	12.85	12.88	106.39	
10-10-10	'Kentucky Green	60107	8.29	9.81	10.58	95.33	
46-00-00	'Urea	60187	46.02			100.04	
18-46-00	'DAP	60188	17.94	45.75		99.52	
00-00-60	'MOP	60189			59.63	99.38	
00-00-60	'MOP	60190			59.94	99.9	
10-10-10	'Kentucky Green	60196	8.70	10.8	9.26	95.95	
10-20-20	'Kentucky Green	60197	10.44	20.73	20.56	103.48	
19-19-19	'Kentucky Green	60198	17.91	19.1	18.43	97.27	
19-35-08	'Kentucky Green	60199	17.95	34.94	7.72	97.77	
19-19-19	'19-19-19	60205	18.72	18.49	18.97	98.53	
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Knox Fertilizer Company Inc Knox ,IN							
16-12-12	'Schultz All Purpose 16-12-12	58392	17.08	12.75	11.76	104.11	*
11-22-10	'Lawn Scape Starter Fertilizer	60032	12.54	22.96	9.79	105.46	
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Lesco Inc. Cleveland ,OH							
32-00-03	'Lesco Prof. Fertilizer	58076	29.68		1.27	89.78	*
21-00-00	'AS Lesco Professional Turf Fertilizer	58856	20.81			99.1	*
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Loveland Products, Inc. Greeley ,CO							
07-17-03	'Riser 7-17-3	58852	7.18	17.24	2.76	100.74	*
07-17-03	'Riser 7-17-3	58853	6.89	17.2	2.86	99.85	*
07-17-03	'Riser 7-17-3	58854	7.19	17.02	2.96	100.65	*
26-00-00	'N-Pact 26-0-0	58855	25.46			97.92	
10-04-06	'NutriSync Complete 3D 10-4-6	60406	11.02	3.87	5.87	103.94	*
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Marshall County Coop Benton ,KY							
18-46-00	'DAP	59231	17.52	45.36		98.25	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
30-00-00	'30-0-0 w/ 6S	59232	30.35			101.17	*
00-00-60	'MP	59233			59.38	98.97	
18-18-15		59234	17.11	18.98	16.33	102.51	*
18-19-15		59235	17.55	19.28	14.69	100.78	*
18-18-15		59325	18.37	17.86	14.54	99.75	*
15-17-20		59326	14.76	17.81	20.87	101.05	*
20-09-15		59327	19.72	9.14	15.31	100.52	*
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Mays Lick Mill Mayslick ,KY							
05-14-33		59421	6.14	14.16	32.15	101.1	*
40-00-00		59422	39.23			98.69	*
09-23-30		59433	9.11	23.39	29	99.29	
33-00-00		59434	32.80			100.8	*
24-00-00		59435	24.04			98.65	*
22-00-00		59436	19.68			90.48	*
14-00-19		59438	14.24		19.58	103.04	*
36-00-00		59439	35.41			97.82	*
36-00-00		59440	35.51			99.25	
34-00-00		59441	32.84			98.03	*
14-05-12		60325	14.64	5.26	12.7	103.16	
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Mid States Ag Sales LLC Lavergne ,TN							
18-46-00	'DAP	58409	18.16	45.1		98.84	
18-46-00	'DAP	58410	17.86	45.33		98.73	
18-46-00	'DAP	58411	18.00	45.44		99.12	
00-00-60	'MOP	58412			59.65	99.42	
00-00-60	'MOP	58413			59.8	99.67	
46-00-00	'Urea	58414	45.97			99.93	
46-00-00	'Urea	58415	45.94			99.87	
46-00-00	'Urea	58416	46.03			100.07	
46-00-00	'Urea	58417	45.95			99.89	
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Miracle-Gro Lawn Products, Inc. Marysville ,OH							
11-03-08	'Miracle-Gro Performance Organics All Purpose 11-3-8	58519	10.91	4.08	10.26	114.39	*
09-02-07	'Performance Organics All Purpose	60296	9.74	2.58	6.20	103.32	*
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Monty's Plant Food Louisville ,KY							
08-16-08	'Monty s Plant Vantage Premium Growth	60365	8.85	17.08	7.94	106.0	*
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Nutrien Ag Solutions - Russellville Russellville ,KY							
10-28-22		58031	9.85	27.27	22.51	100.31	*
10-28-22		58032	9.76	27.34	22.2	99.84	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
08-23-28		58033	7.55	22.31	29	100.04	*
08-23-28		58034	7.70	22.06	29.04	99.93	*
10-28-22		58083	10.14	28.79	21.41	102.21	*
09-23-23		58084	9.28	24.94	22.68	104.23	*
09-23-23		58085	9.34	24.86	22.39	103.78	*
08-23-28		58086	7.45	22.76	29.44	101.32	*
10-28-22		58087	9.84	27.78	23.62	102.72	*
09-27-22		58149	9.71	26.78	22.1	100.71	*
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Nutrien Ag Solutions - Beaver Dam Beaver Dam ,KY							
19-19-20		59759	20.39	22.68	16.42	103.01	
06-16-40		59760	6.36	16.54	39.55	101.87	
06-16-40		59761	6.40	16.67	39.32	101.8	
06-16-40		59762	6.21	16.58	39.31	101.31	
16-21-22		59763	16.23	22.55	21.82	102.02	
09-23-30		59764	9.21	23.7	29.96	101.46	
19-19-20		59765	19.46	19.49	20.48	102.36	
23-17-17		59766	22.91	17.32	17.3	101.67	
23-17-17		59767	23.26	17.08	17.16	101.64	
19-19-20		59771	18.85	20.55	21.02	104.04	
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Nutrien Ag Solutions - Campbellsville Campbellsville ,KY							
22-12-18		59794	22.02	11.42	18.68	100.23	*
22-12-18		59795	22.01	11.94	19.33	102.43	*
26-00-19		59962	26.78		20.44	104	*
26-00-19		59963	25.77		20.44	101.7	*
26-00-19		59964	25.01		21.53	101.83	*
20-20-19		59965	18.74	19.98	20	101.01	
14-14-24		59966	13.77	13.64	24.7	100.31	*
30-10-09		60140	31.04	11.25	7.02	100.9	*
30-10-09		60141	30.40	10.4	8.84	101.3	*
30-10-09		60142	30.45	10.21	8.8	100.93	*
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Nutrien Ag Solutions - Cecilia Cecilia ,KY							
16-22-22		59105	16.49	21.04	23.65	102.8	
24-16-16		59106	23.40	15.7	17.96	101.83	
19-19-19		59107	18.51	19.1	21.55	101.88	
15-26-20		59108	15.67	25.8	19.47	100.06	
27-14-14		59109	26.19	14.49	15.38	102.8	
19-19-19		59110	19.35	19.92	19.84	101.98	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
24-16-16		59111	24.25	17.08	15.99	102.41	
32-10-10		59112	32.63	9.7	10.18	100.15	
25-15-15		59113	25.15	15.42	16.2	102.3	
20-28-12		59114	19.65	27.89	12.84	101.28	
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Nutrien Ag Solutions - Clarkson Clarkson ,KY							
20-19-19		59195	19.60	19.02	21.12	102.75	
20-19-19		59196	19.23	19.33	20.93	102.33	
14-13-32		59197	13.83	12.53	33.93	102.91	
20-19-19		59198	18.79	19.84	20.62	101.95	
20-19-19		59199	20.09	19.67	19.45	102.04	
20-19-19		59200	19.38	20.98	18.79	102	
18-18-17		59273	17.52	18.16	18.29	102.34	*
20-13-19		59451	19.70	12.9	19.67	99.62	*
20-19-19		59452	19.76	20.33	19.2	102.21	
19-13-20		59453	18.91	13.94	20.36	101.02	*
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Nutrien Ag Solutions - Clay Clay ,KY							
06-20-30		59638	5.94	21.32	29.31	101.21	*
16-22-22		59639	15.57	22.19	23.15	101.92	
19-19-20		59640	18.95	18.76	21.16	101.2	
26-10-15		59641	26.03	10.95	14.77	101.6	*
10-18-27		59642	10.53	18.57	26.61	101.61	*
10-18-27		59643	10.56	17.85	26.44	100.01	*
19-19-20		59644	19.31	20.13	19.99	102.37	
06-20-30		59645	6.07	20.46	29.08	99.46	*
19-19-20		59646	19.11	19.21	20.64	101.45	
05-16-36		59647	4.89	16.16	36.08	100.65	*
19-19-20		59648	19.03	19.26	20.37	100.94	
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Nutrien Ag Solutions - Ekron Ekron ,KY							
20-16-16		59988	19.24	19.47	15.7	104.52	*
16-16-16		59989	16.91	16.65	15.01	103.62	*
20-18-14		59990	21.18	17.86	13.36	101.22	*
22-20-09		59991	22.03	19.33	10.2	100.91	*
22-20-09		59992	21.45	19.47	10.62	100.81	*
06-21-28		59993	6.36	21.94	27.45	100.13	*
06-21-28		59994	6.36	21.69	27.56	99.85	*
08-21-32		59995	8.73	23.2	32.26	103.9	
17-19-23		59996	17.55	18.64	23.21	101.47	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
33-08-08		59997	32.02	9.01	9.53	102.72	*
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Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY							
06-15-40		58187	4.40	17	38.68	97.92	
06-15-40		58188	4.38	18.59	37.91	99.9	
12-19-20		59562	12.88	19.34	19.36	100.01	*
12-19-20		59563	12.25	18.73	19.81	98.37	*
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Nutrien Ag Solutions - Glasgow Glasgow ,KY							
19-19-19		58691	20.58	20.58	18.62	103.08	
26-11-13		58692	26.48	11.65	13.84	103.5	*
27-13-10		59357	23.23	15.1	14.34	104.03	*
25-15-15		59358	24.86	17.03	15.2	103.12	
24-11-16		59621	18.91	9.183	26.12	104.08	*
24-11-16		59622	20.85	9.185	23.25	102.67	*
24-11-16		59623	22.25	9.825	20.89	102.38	*
24-11-16		59624	21.88	9.995	20.48	101.23	*
19-19-19		59625	15.66	14.72	28.29	99.89	
33-09-10		59626	29.83	9.25	14.60	102.65	
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Nutrien Ag Solutions - Greeley Greeley ,CO							
00-00-60 'MP		57958			60.26	100.43	
18-46-00 'DAP		57959	17.96	45.08		98.53	
18-46-00 'DAP		57960	18.32	47.01		102.07	
12-40-00 'MES 10		57961	11.95	39.94		99.78	*
00-00-58 'Aspire		57993			57.46	99.07	*
00-00-60 'MP		57994			59.39	98.98	
12-40-00 'MES10		57995	11.75	40.04		99.56	*
00-46-00 'TSP		57996		45.75		99.46	
18-46-00 'DAP		57997	17.61	45.87		99.15	
00-00-60 'MP		57998			59.39	98.98	
12-40-00 'MES10		57999	12.00	40.74		101.39	*
00-46-00 'TSP		58002		47.07		102.33	
00-00-60 'MP		58003			59.46	99.1	
18-46-00 'DAP		58004	17.68	45.83		99.21	
00-00-60 'mp		58065			59.21	98.68	
18-46-00 'DAP		58066	15.43	48.26		99.15	
00-00-60 'MOP		58077			59.01	98.35	
12-40-00 'MES 10		58078	11.88	39.91		99.58	*
18-46-00 'DAP		58079	17.64	45.63		98.84	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	58092			58.85	98.08	
11-52-00	'MAP	58093	11.12	53.33		102.28	
00-00-22	'K Mag	58094			22.65	102.95	*
12-40-00	'MEZ	58095	11.64	40.53		100.25	*
12-40-00	'MES 10	58096	12.00	39.23		98.55	*
18-46-00	'DAP	58097	18.18	46.76		101.46	
00-46-00	'TSP	58108		45.1		98.04	
18-46-00	'DAP	58109	17.56	45.31		98.22	
00-00-60	'MP	58110			59.78	99.63	
00-00-60	'MOP	58125			60.06	100.1	
12-40-00	'MES 10	58126	11.90	38.92		97.76	*
00-46-00	'TSP	58127		45.8		99.57	
00-00-60	'MP	58137			59.98	99.97	
18-46-00	'DAP	58138	17.80	45.01		98.16	
12-40-00	'MES10	58139	11.86	39.6		98.96	*
18-46-00	'DAP	58184	11.58	50.64		96.34	
00-00-60	'MP	58185			59.57	99.28	
00-00-60	'MP	58186			58.92	98.2	
00-00-60	'MP	58245			60.05	100.08	
18-46-00	'DAP	58246	18.16	45.88		100.08	
18-46-00	'DAP	58247	18.10	47.15		101.92	
12-40-00	'MES 10	58248	12.14	40.29		100.83	*
18-46-00	'DAP	58257	18.11	45.77		99.83	
18-46-00	'DAP	58258	18.13	44.87		98.5	
00-00-60	'MP	58259			57.77	96.28	
12-40-00	'MES 10	58260	12.01	39.24		98.59	*
18-46-00	'DAP	58264	11.84	51.79		98.52	
00-00-60	'MP	58265			58.07	96.78	
18-46-00	'DAP	58266	17.76	45.08		98.2	
12-40-00	'MES	58311	11.90	39.58		99	*
00-00-60	'MOP	58312			58.98	98.3	
20-00-00	'AS	58376	20.43			102.15	*
12-40-00	'MES10	58377	12.94	41.29		104.29	*
00-00-60	'MOP	58378			59.31	98.85	
18-46-00	'DAP	58379	17.73	46.11		99.75	
18-46-00	'DAP	58380	17.67	45.99		99.47	
12-40-00	'MES 10	58418	11.83	39.95		99.58	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	58419			60.53	100.88	
18-46-00	'DAP	58420	17.76	45.30		98.53	
46-00-00	'Urea	58424	46.18			100.39	
00-46-00	'0-46-0	58425		46.42		100.91	
44-00-00	'ESN Urea	58426	45.02			102.32	
21-00-00	'AS	58456	20.56			97.9	*
00-00-60	'MOP	58457			61.16	101.93	
18-46-00	'DAP	58458	18.13	47.69		102.84	
12-40-00	'MES 10	58459	11.73	40.68		100.79	*
00-00-22	'K Mag	58460			22.49	102.23	*
18-46-00	'DAP	58461	17.85	45.74		99.36	
46-00-00	'Urea	58462	46.15			100.33	
18-46-00	'DAP	58466	17.59	46.97		100.88	
00-00-60	'MP	58467			60.56	100.93	
21-00-00	'AS	58468	20.67			98.43	*
18-46-00	'DAP	58477	17.36	46.72		100.12	
00-00-60	'MP	58478			59.18	98.63	
00-00-60	'MP	58479			60.05	100.08	
04-06-32	'Agrium Pak 4-6-32	58480	4.59	7.29	30.72	101.76	*
46-00-00	'Urea	58481	46.02			100.04	
20-00-00	'AS	58482	20.52			102.6	*
00-00-50	'SOP	58500			51.94	103.88	
12-40-00	'MES 10	58501	11.62	39.06		97.46	*
18-46-00	'DAP	58502	17.65	45.13		98.09	
18-46-00	'DAP	58503	17.73	45.69		99.09	
00-00-60	'MOP	58504			60.37	100.62	
00-00-60	'MOP	58505			61	101.67	
46-00-00	'Urea	58506	46.08			100.17	
00-00-60	'MP	58522			60.7	101.17	
18-46-00	'DAP	58523	17.35	45.94		98.89	
12-40-00	'MES 10	58524	11.84	39.66		99.04	*
00-00-60	'MP	58525			60.7	101.17	
46-00-00	'Urea	58526	46.14			100.3	
00-00-50	'SOP	58527			51.46	102.92	
00-00-60	'MP	58528			59.92	99.87	
44-00-00	'ESN Urea	58571	45.51			103.43	
18-46-00	'DAP	58572	17.92	45.28		98.75	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	58573			59.53	99.22	
46-00-00	'Urea	58574	46.19			100.41	
46-00-00	'Urea	58575	46.18			100.39	
12-40-00	'MES 10	58576	11.76	40.05		99.63	*
00-00-50	'SOP	58577			50.8	101.6	
18-46-00	'DAP	58712	17.26	46.14		99.06	
18-46-00	'DAP	58713	17.63	46.05		99.5	
00-00-60	'MP	58714			61.19	101.98	
00-00-60	'MP	58715			61.32	102.2	
12-40-00	'MES 10	58716	11.69	40.59		100.54	*
46-00-00	'Urea	58717	46.01			100.02	
44-00-00	'ESN	58725	45.84			104.18	
46-00-00	'Urea	58726	46.13			100.28	
18-46-00	'DAP	58727	18.24	45.4		99.44	
18-46-00	'DAP	58728	17.92	45.33		98.83	
00-00-60	'MOP	58729			60.16	100.27	
21-00-00	'AMS	58730	20.91			99.57	*
12-40-00	'MES 10	58731	11.74	40.02		99.54	*
46-00-00	'Urea	58732	46.20			100.43	
00-46-00	'TSP	58733		45.47		98.85	
00-00-60	'MOP	58734			59.94	99.9	
12-40-00	'MES 10	58783	11.95	40.72		101.29	*
18-46-00	'DAP	58784	17.57	46.54		100.17	
00-00-60	'MP	58785			59.97	99.95	
18-46-00	'DAP	58786	17.61	46.67		100.44	
12-40-00	'MES 10	58787	11.76	39.98		99.5	*
44-00-00	'ESN	58788	45.12			102.55	
46-00-00	'Urea	58789	46.20			100.43	
00-00-60	'MP	58848			60.74	101.23	
18-46-00	'DAP	58849	17.52	45.51		98.48	
12-40-00	'MES 10	58850	11.48	39.38		97.81	*
44-00-00	'ESN	58851	44.94			102.14	
18-46-00	'DAP	58857	17.76	45.11		98.23	
00-00-60	'MOP	58859			59.78	99.63	
00-00-60	'MOP	58860			59.65	99.42	
44-00-00	'ESN	58861	44.95			102.16	
46-00-00	'Urea	58862	45.98			99.96	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
44-00-00	'ESN	58863	45.00			102.27	
45-00-00	'45-0-0	58943	45.31			100.69	
00-00-58	'Aspire	58944			58.33	100.57	*
00-00-60	'MP	58945			59.49	99.15	
12-40-00	'MES 10	58946	11.66	39.79		98.94	*
46-00-00	'Urea	58980	46.07			100.15	
00-00-60	'MP	58981			58.88	98.13	
18-46-00	'DAP	58982	17.24	45.07		97.36	
18-46-00	'DAP	58983	17.34	45.18		97.69	
18-46-00	'DAP	58984	17.35	45.55		98.28	
00-00-60	'MP	58985			59.63	99.38	
46-00-00	'Urea	58993	46.20			100.43	
44-00-00	'ESN	58994	45.09			102.48	
12-40-00	'MES 10	58995	11.74	39.98		99.46	*
00-00-60	'MP	58996			59.2	98.67	
12-40-00	'MES 10	58997	11.82	39.64		98.96	*
18-46-00	'DAP	58998	18.17	45.68		99.77	
44-00-00	'ESN	59210	44.97			102.2	
46-00-00	'Urea	59211	46.10			100.22	
00-46-00	'TSP	59212		45.64		99.22	
00-00-60	'MP	59213			60.39	100.65	
18-46-00	'DAP	59214	17.71	45.53		98.81	
18-46-00	'DAP	59215	17.48	45.71		98.73	
20-00-00	'AS	59261	20.29			101.45	*
00-00-60	'MP	59361			60.54	100.9	
18-46-00	'DAP	59362	17.16	46.15		98.92	
18-46-00	'DAP	59363	17.15	46.17		98.94	
46-00-00	'Urea	59364	46.20			100.43	
21-00-00	'AS	59365	20.67			98.43	*
00-00-22	'K Mag	59366			22.19	100.86	*
18-46-00	'DAP	59564	17.25	46.07		98.94	
00-00-60	'MP	59565			59.69	99.48	
46-00-00	'Urea	59821	46.12			100.26	
00-00-60	'MOP	59822			60.49	100.82	
12-40-00	'MES 10	59823	11.69	40.72		100.79	*
44-00-00	'ESN	59824	44.54			101.23	
21-00-00	'AS	59825	20.59			98.05	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	59998	46.20			100.43	
44-00-00	'ESN Urea	59999	45.12			102.55	
12-40-00	'MES 10	60000	11.81	40.46		100.52	*
00-00-60	'MOP	60001			59.74	99.57	
18-46-00	'DAP	60153	20.12	45.31		102.23	
18-46-00	'DAP	60154	17.96	46.96		101.44	
46-00-00	'Urea	60155	46.01			100.02	
44-00-00	'ESN	60156	44.47			101.07	
00-00-60	'MOP	60157			60.51	100.85	
12-40-00	'MES	60158	11.66	39.7		98.77	*
12-40-00	'MES	60159	11.69	39.3		98.06	*
21-00-00	'AS	60215	20.24			96.38	*
18-46-00	'DAP	60216	17.45	45.2		97.89	
00-00-60	'MOP	60217			60.02	100.03	
46-00-00	'Urea	60218	46.18			100.39	
46-00-00	'Urea	60219	46.05			100.11	
Nutrien Ag Solutions - Hardin Hardin ,KY							
09-23-30		58301	9.64	22.97	29.76	100.91	
09-23-30		58302	9.07	23.78	30.36	102.04	
10-00-30		59236	10.45		29.8	99.39	*
09-23-30		59580	8.91	23.89	29.32	100.29	
09-23-30		59581	8.76	23.93	30.13	101.36	
15-10-13		59818	15.18	9.92	12.58	99.5	*
06-20-30		59819	6.02	20.1	29.82	99.91	*
06-20-30		59820	5.91	20.14	30.28	100.57	*
Nutrien Ag Solutions - Henderson Henderson ,KY							
00-27-25		58191		27.67	23.62	99.61	
00-27-25		58192		26.76	24.12	98.41	
00-27-25		58193		27.65	23.61	99.55	
07-17-22		58267	7.00	16.82	22.72	102.77	*
07-17-22		58268	7.17	16.92	22.16	102.46	*
00-27-25		58309		27.31	23.97	99.37	
00-27-25		58310		27.01	23.93	98.64	
09-23-30		59768	9.15	23.44	29.7	100.57	
09-23-30		59769	9.17	24.5	28.7	100.83	
09-23-30		59770	8.93	24.27	29.66	101.53	
Nutrien Ag Solutions - Lebanon Lebanon ,KY							

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
32-00-13		60164	30.67		13.34	98.18	*
00-13-44		60165		13.5	44.01	102.52	
32-00-13		60166	31.15		13.73	99.93	*
27-11-15		60167	26.61	11.61	15.53	99.56	
00-18-37		60168		19.29	36.61	102.59	
41-00-00		60169	39.68			97.49	*
00-18-36		60170		19.14	37.59	104.33	
27-12-15		60171	27.2	11.3	14.9	98.92	
41-00-00		60172	40.11			98.55	*
41-00-00		60173	39.83			97.86	*
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Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY							
31-00-00		60379	31.30			0.00	*
29-00-00		60380	27.58			95.4	*
32-00-00		60381	31.94			0.00	
26-00-00	'NexBlu S 26-0-0-2.7S	60382	26.41			101.58	*
32-00-00	'32-0-0	60383	32.24			0.00	
32-00-00	'32-0-0	60384	31.51			0.00	
32-00-00	'32-0-0	60385	30.46			95.19	
32-00-00	'32-0-0	60386	31.77			99.28	
31-00-00		60387	30.11			95.71	*
32-00-00	'32-0-0	60388	32.57			101.78	
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Nutrien Ag Solutions - Morganfield Morganfield ,KY							
06-19-33		58133	6.44	19.81	31.9	99.74	*
06-19-33		58134	6.61	20.53	31.64	101.17	*
06-19-33		58135	6.34	19.4	31.8	98.57	*
06-19-33		58136	6.34	19.18	31.98	98.39	*
06-19-33		58160	5.94	17.58	34.76	98.39	*
06-19-33		58161	6.41	18.68	33.02	99.06	*
06-19-33		58162	6.38	18.78	33.52	99.92	*
06-19-33		58163	6.51	19.06	32.48	99.25	*
06-19-33		58164	6.23	17.98	33.8	98.42	*
06-19-33		58165	6.43	18.83	32.53	98.69	*
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Nutrien Ag Solutions - Pembroke Pembroke ,KY							
09-23-25		58090	8.59	22.42	28.06	102	*
09-23-25		58091	8.89	23.57	26.36	102.46	*
09-23-25		58115	9.70	24.60	22.94	101.17	*
09-23-25		58116	8.78	23.29	25.87	100.98	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-25		58117	8.81	23.03	26.35	101.22	*
09-23-25		58118	9.25	24.47	23.49	100.89	*
06-16-18		58280	7.01	16.66	14.78	98.16	
06-16-18		58281	7.23	16.57	14.82	98.67	
10-26-26		58282	10.61	27.25	24.43	100.99	
Nutrien Ag Solutions - Riverport Owensboro ,KY							
07-18-37		58323	6.74	17.45	36.86	99.01	
07-18-37		58324	6.36	16.67	39.04	99.78	
06-20-30		59630	5.74	20.91	30.62	102.28	*
09-23-30		59631	9.05	23.79	28.92	99.74	
24-10-20		59632	23.41	11.31	21.13	102.07	
19-28-00		59633	18.56	27.11		97.73	*
22-14-21		59634	19.90	14.16	22.93	101	
09-23-30		59635	8.98	23.77	29.57	100.61	
06-20-30		59636	5.87	20.9	29.84	101.18	*
22-14-21		59637	20.30	14.34	22.61	101.52	
Nutrien Ag Solutions - Sacramento Sacramento ,KY							
09-23-30		59216	9.20	24.86	29.52	102.71	
09-23-30		59217	8.89	23.55	31.36	102.84	
09-23-30		59218	9.12	23.86	30.68	102.69	
09-23-30		59219	8.51	23.2	31.8	102.3	
09-23-30		59220	8.92	23.69	30.63	102	
16-18-24		59314	16.81	19.69	23.85	102.74	
16-18-24		59315	16.40	18.71	25.47	102.93	
18-17-22		59316	18.16	18.47	22.83	102.55	
18-17-22		59317	18.52	18.83	21.69	101.96	
18-17-22		59318	17.90	18.69	21.89	100.94	
Nutrien Ag Solutions - Sedalia Sedalia ,KY							
07-18-23		58249	7.75	18.02	23.83	104.24	
06-20-30		59239	5.97	21.11	30.03	102.06	*
09-23-30		59240	8.65	23.54	30.44	101	
09-23-30		59241	8.76	23.52	29.82	100.19	
23-00-30		59242	23.69		28.94	99.43	
39-00-00		59243	38.78			100.54	*
Nutrien Ag Solutions - Shelbyville Shelbyville ,KY							
16-00-05		59259	16.53		5.36	101.99	*
16-00-05		59260	16.39		5.34	101.24	*

Values in bold are deficient.

*** Refer to Table 3**

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-43-00		59262	18.78	42.66		97.5	
35-05-10		59263	34.47	5.74	9.54	101.12	
29-17-08		59264	28.59	17.18	8.67	101.42	
22-17-18		59265	21.93	18.25	17.03	100.57	
19-19-19		59266	18.42	19.76	18.67	99.83	
22-08-22		59784	20.48	7.99	24.14	101.16	*
22-08-22		59785	22.15	8.24	22.5	101.97	*
07-18-36		59786	7.87	18.43	34.82	99.38	
09-23-30		59787	9.41	24.13	29.17	101.33	
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Nutrien Ag Solutions - Upton Upton ,KY							
18-18-18		59679	16.99	19.11	17.93	102.47	*
15-15-18		59680	15.47	16.16	17.62	100.62	*
25-13-13		59681	24.97	12.91	13.27	100.48	*
25-13-13		59682	25.43	13.41	13.12	102.13	*
25-13-13		59683	25.31	13.6	12.96	101.97	*
18-18-18		59684	17.46	17.24	20.7	104.69	*
35-12-00		59685	34.61	12.38		100.13	*
35-12-00		59686	35.69	12.05		101.73	*
26-12-12		59687	27.12	13.12	11.05	101.63	*
32-09-09		59688	32.39	9.68	8.99	103.34	*
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Nutrien Ag Solutions - Waverly Waverly ,KY							
06-19-31		58189	5.66	18.7	30.22	98.32	*
06-19-31		58190	5.65	18.9	30.95	99.84	*
07-22-27		58194	5.50	18.75	31.68	97.99	*
07-22-27		58195	6.54	21.9	27.36	100.29	*
07-22-27		58196	6.76	22.51	26.69	101.03	*
07-22-27		58197	6.37	21.29	28.31	100.09	*
06-21-28		58198	6.19	20.72	28.86	99.64	*
06-21-28		58199	6.28	21.56	28.43	100.92	*
06-21-28		58200	6.23	21.23	28.58	100.36	*
06-20-30		58238	5.94	20.59	29.67	101.35	*
06-20-30		58239	5.94	20.21	29.83	100.8	*
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Nutrien Ag Solutions Inc Henderson ,KY							
32-00-00 'UAN 32-0-0		60052	31.04			97	
32-00-00		60053	31.62			99.68	*
32-00-00		60054	31.55			99.5	*
32-00-00 'UAN 32-0-0		60055	31.68			99	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
32-00-00	'32-0-0	60389	32.10			100.31	
32-00-00	'32-0-0	60390	31.29			97.78	
31-00-00		60391	31.17			99.11	*
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Otis Bryant & Son, Inc. Caneyville ,KY							
17-17-17		59442	16.64	17.02	18.12	100.85	*
17-17-17		59443	16.80	18.19	17.53	102.42	*
14-14-14		59444	14.59	14.99	15.66	105.77	*
19-19-20		59445	19.64	20.52	18.45	101.02	
19-14-18		59446	19.43	14.22	18.56	100.28	*
19-19-20		59447	19.22	20.19	18.8	100.27	
19-19-19		59448	19.91	20.27	19.67	103.8	
17-17-17		59449	16.56	17.2	19.52	103.63	*
21-15-20		59450	21.52	15.38	20	100.44	
19-19-19		59890	19.17	19.22	20.87	101.84	
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Paducah-McCracken Riverport Authority Paducah ,KY							
09-23-30		59725	9.08	24.4	29.74	102.07	
09-23-30		59726	9.43	24.37	28.50	100.72	
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Parker Farm Supply Port Royal ,KY							
46-00-00	'Urea	58375	46.15			100.33	
00-00-60	'MOP	58472			60.93	101.55	
18-46-00	'DAP	58473	17.31	44.48		96.55	
12-05-13		59548	12.03	5.16	14.13	102.02	
00-00-50	'SOP	59549			50.86	101.72	
12-05-13		59550	12.35	5.26	14.11	103.38	
22-09-24		59551	22.40	9.39	23.62	100.45	
22-09-24		59552	22.40	9.48	23.51	100.43	
22-09-24		59553	22.81	9.83	22.82	100.58	
09-23-30		60146	8.84	22.93	31.38	101.75	
14-00-39		60147	14.15		41.01	103.01	*
25-15-15		60148	25.14	14.49	15.51	99.39	
23-17-15		60149	23.78	16.79	14.66	99.57	
06-15-40		60150	5.81	15.95	41.33	102.85	
06-15-40		60151	6.01	15.61	41.37	102.67	
46-00-00	'Urea	60152	46.03			100.07	
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Parrish Shop & Sales, LLC Henderson ,KY							
07-24-06	'7-24-6 Plus 4% S Parrish Ortho Max	59103	7.22	23.72	6.94	102.21	*
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Patriot Ag LLC - Clinton Clinton ,KY							

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
11-18-24		59568	11.24	18.79	23.75	100	*
11-18-24		59569	10.90	18.77	24.95	101.44	*
11-18-24		59570	11.18	19	23.72	100.23	*
09-23-30		59571	8.61	23.56	30.34	100.81	
09-23-30		59572	8.66	24.46	29.83	101.61	
09-23-30		59573	9.14	24.89	28.66	101.33	
11-18-24		59574	11.43	20.28	23.2	102.25	*
11-18-24		59575	11.16	19.31	23.34	100.12	*
11-18-24		59576	11.09	19.65	23.22	100.42	*
11-17-24		59577	11.27	18.03	23.59	101.36	*
11-17-24		59578	11.56	17.9	23.13	100.83	*
11-17-24		59579	11.28	18.02	23.87	101.87	*
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Patriot Ag LLC - Mayfield Mayfield ,KY							
00-00-60 'MP		58463			61.43	102.38	
18-46-00 'DAP		58464	17.56	46.3		99.78	
18-46-00 'DAP		59034	17.69	45.06		98.05	
00-00-60 'MP		59035			59.04	98.4	
11-18-24		59036	12.12	17.00	21.52	94.25	*
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PBI Gordon Corp Shawnee ,KS							
20-00-00 'Gordon s Liquid Lawn & Pasture 20-0-0		58539	20.28			101.4	*
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Pinnacle Ag - Franklin Franklin ,KY							
00-18-26		58074		19.97	27.69	107.31	
00-18-26		58075		19.83	27.04	105.67	
06-17-14		58295	6.39	15.84	16.46	102.02	
06-17-14		58296	7.32	16.03	14.45	101.25	
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Pinnacle Ag - Russellville Russellville ,KY							
07-24-17		57977	7.48	24.59	17.61	101.3	*
07-22-21		57978	6.90	22.47	21.25	101.26	*
07-22-21		57979	7.02	23.08	21.37	103.11	*
07-24-17		57980	7.38	24.83	17.99	102.2	*
07-24-17		57981	7.31	24.6	17.82	101.25	*
07-24-17		57982	7.33	25.07	17.52	101.85	*
07-24-17		57983	7.31	25.07	18.07	102.69	*
07-24-17		57984	7.26	25.07	18.3	102.95	*
07-24-17		57985	7.56	24.54	18.01	102.03	*
07-24-17		57986	7.33	24.67	17.68	101.22	*
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Pinnacle Agriculture Distribution Inc Loveland ,CO							

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58005	17.53	46.27		99.63	
00-00-60	'MP	58006			62.68	104.47	
00-00-60	'MP	58007			60.2	100.33	
00-46-00	'TSP	58008		45.5		98.91	
00-00-60	'MOP	58061			61.52	102.53	
00-00-60	'MOP	58062			61.09	101.82	
18-46-00	'DAP	58063	17.85	45.26		98.62	
00-46-00	'TSP	58064		45.46		98.83	
18-46-00	'DAP	58261	17.90	45.18		98.59	
00-00-60	'MP	58263			59.31	98.85	
18-46-00	'DAP	58474	17.55	45.63		98.72	
00-00-60	'MP	58475			60.92	101.53	
46-00-00	'Urea	58476	46.02			100.04	
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Pleasant View Agri-Service Auburn ,KY							
21-14-14		59699	20.83	14.62	14.14	100.07	
18-18-18		59701	17.38	16.15	19.13	98.59	
18-18-18		59702	17.45	18.79	17.76	101.37	
18-18-18		59703	18.20	18.2	18	102.09	
18-18-18		59704	17.76	19.4	17.31	102.38	
16-18-21		59705	15.73	21	20.07	103.37	
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Pro Ag Sales & Service - Danville Danville ,KY							
06-12-12	'6-12-12	59037	5.94	12.96	12.42	104.43	
19-19-19	'19-19-19	59038	17.65	20.63	18.99	100.49	
10-10-10	'10-10-10	59039	9.08	9.78	10.74	98.47	
46-00-00	'Urea	59040	46.00			100	
19-19-19	'ProAg	59866	19.67	18.33	19.38	100.63	
05-10-10	'ProAg	59867	4.66	9.39	10.9	99.51	
23-00-30		59927	23.51		29.7	100.46	
13-09-24		59928	14.12	8.94	24.63	103.72	
13-09-24		59929	13.43	9.12	24.11	101.48	
13-09-24		59930	12.89	9.62	25.12	103.5	
13-09-24		59931	13.59	9.12	24.86	103.41	
23-00-30		59932	22.05		31.21	100.33	
16-03-06	'Pro Ag	60206	19.38	3.03	6.22	114.72	
35-00-00	'Pro Ag	60207	34.48			98.51	*
19-19-19	'Pro Ag	60208	18.80	18.63	20.42	101.34	
13-13-13	'Pro Ag	60209	13.75	12.77	13.01	101.39	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-10-10	'Pro Ag	60210	8.67	7.62	10.43	88.67	
19-19-19	'Pro Ag	60211	19.16	19.42	18.7	100.55	
46-00-00	'Pro Ag	60212	46.14			100.3	
33-00-16		60251	32.78		16.3	99.93	
20-10-19		60252	20.43	9.28	19.65	100.75	*
00-12-45		60337		10.67	44.47	97.51	
23-00-30		60338	22.55		29.68	98.53	
00-00-50	'SOP	60339	2.48		45.90	91.8	
18-46-00	'DAP	60340	17.56	46.19		99.61	
Pro Solutions - Crofton Crofton ,KY							
08-22-30		58098	8.16	23.48	28.99	103.8	*
08-22-30		58099	7.77	23.12	30.36	104.22	*
08-22-30		58100	7.98	23.38	27.08	100.52	*
08-22-30		58101	8.29	24.21	27.91	103.96	*
08-22-30		58107	7.97	22.78	29.6	102.91	*
08-25-25		58119	8.59	26.48	24.36	103.23	*
08-25-25		58120	8.40	25.34	26.22	103.26	*
08-25-25		58121	8.37	25.52	25.3	102.25	*
08-25-25		58122	8.80	26.98	22.67	102.26	*
08-25-25		58123	9.23	27.87	20.68	102.07	*
08-25-25		58124	9.38	27.53	20.27	101.16	*
10-26-27		59933	10.28	27.14	25.66	101.56	
10-26-27		59934	10.05	26.45	25.6	99.95	
08-21-32		59935	8.65	22.28	31.22	100.61	
08-21-32		59936	8.55	21.94	31.16	99.77	
28-08-11		59937	27.45	8.95	11.18	102.6	*
Pro Solutions - Springfield Springfield ,TN							
18-46-00	'DAP	58102	17.82	45.86		99.49	
18-46-00	'DAP	58103	17.71	46.06		99.61	
12-40-00	'MES 10	58104	11.96	41.03		101.85	*
00-00-60	'MP	58105			59.73	99.55	
00-00-60	'MP	58106			59.55	99.25	
18-46-00	'DAP	58325	17.82	45.46		98.88	
18-46-00	'DAP	58326	18.11	46.22		100.52	
46-00-00	'Urea	58327	46.06			100.13	
12-40-00	'MESZ	58328	11.76	40.2		99.88	*
00-00-60	'MP	58329			61.6	102.67	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	58330			61.25	102.08	
Reliance Ag - Russellville Russellville ,KY							
08-21-27		58150	7.91	20.58	26.47	99.29	*
08-21-27		58151	8.26	20.91	25.99	100.03	*
08-21-27		58152	8.44	21.59	26.28	102.26	*
08-21-27		58153	8.59	21.63	25.83	102	*
08-21-27		58154	8.31	20.57	27.79	102.14	*
08-21-27		58155	8.21	19.94	27.54	100.26	*
08-21-27		58156	8.23	20.54	26.59	100.45	*
08-21-27		58157	8.41	20.56	26.7	101.06	*
08-21-27		58158	8.49	21.59	26.5	103.05	*
08-21-27		58159	8.51	21.24	26.02	101.66	*
Rhodes Farm Supply Scottsville ,KY							
19-19-19	'19-19-19	60371	19.57	19.57	18.36	100.99	
Rip's Farm Center - Tollesboro Tollesboro ,KY							
18-46-00	'DAP	58961	18.52	46.68		101.88	
46-00-00	'Urea	58962	46.20			100.43	
00-00-50	'SP	58963			49.68	99.36	
00-00-60	'MP	58964			59.61	99.35	
10-10-10	'Rip s Farm Center	58965	11.35	10.95	11.77	113.46	
10-20-20	'Rip s Farm Center	58966	10.44	21.39	19.82	103.43	
12-12-12	'Rip s Farm Center	58967	12.99	13.78	13.07	110.71	
19-19-19	'Rip s Farm Center	58968	19.71	19.68	19.35	103.08	
46-00-00	'Rip s Farm Center	60023	46.20			100.43	
19-19-19	'Rip s Farm Center	60024	17.93	19.41	17.10	95.65	
10-10-10	'Rip s Farm Center	60063	10.82	12.17	10.15	110.7	
19-19-19	'Rip s Farm Center	60064	18.58	19.36	19.86	101.32	
46-00-00	'Rip s Farm Center	60065	46.03			100.07	
10-10-10	'Rip s Farm Center	60066	11.71	11.68	10.97	114.66	
19-19-19	'19-19-19	60067	20.59	16.94	19.69	100.3	
46-00-00	'Urea	60092	46.17			100.37	
00-00-60	'MP	60093			59.91	99.85	
18-46-00	'DAP	60094	18.13	46.62		101.17	
19-19-19	'19-19-19	60095	18.96	17.96	20.63	100.77	
19-19-19	'19-19-19	60096	19.58	18.82	20.71	103.56	
10-10-10	'Rip s Farm Center	60097	11.08	12.24	10.55	113.09	
12-12-12	'Rip s Farm Center	60098	13.09	13.51	12.58	108.94	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19	'Rip s Farm Center	60099	19.01	19.31	18.08	99.05	
19-19-19	'Rip s Farm Center	60100	18.81	20.1	19.12	101.84	
19-19-19	'Rip s Farm Center	60101	19.77	19.74	18.55	101.97	
12-12-12	'Rip s Farm Center	60193	13.24	14.54	11.59	109.69	
10-10-10	'Rip s Farm Center	60194	10.35	11.4	9.97	105.89	
19-19-19	'Rip s Farm Center	60195	18.31	19.62	20.04	101.6	
00-00-20		60309			19.97	99.85	
00-00-20		60310			19.73	98.65	
23-07-04		60311	21.54	6.59	5.32	99.12	
11-04-14		60312	10.86	5.34	15.64	107.67	
06-15-19		60313	6.19	15.35	20.09	105.51	
04-10-13		60314	4.46	12.13	12.36	109.41	
14-07-07		60315	14.27	7.97	7.81	111.87	
03-07-26		60316	2.78	7.07	25.15	100.59	
03-07-26		60317	2.45	6.64	25.28	98.64	
04-12-45		60318	4.59	12.11	44.83	100.94	
04-12-45		60319	4.93	11.98	44.04	100.04	
32-08-11		60320	32.57	9.03	11.46	102.51	
Rogers Fertilizer & Services LLC Lebanon ,KY							
46-00-00	'Urea	58497	46.00			100	
18-46-00	'DAP	58498	17.29	46.15		99.12	
00-00-60	'MOP	58499			59.91	99.85	
34-00-11		59826	34.12		12.08	100.57	*
07-13-00		59827	7	12.78		102.65	*
07-13-00		59828	6.98	12.93		103.32	*
07-13-00		59829	7.33	13.93		110.33	*
07-13-00		59830	7.19	13.54		107.58	*
27-11-15		59831	25.76	11.19	17.17	100.01	
34-00-11		59832	33.16		11.39	97.04	*
46-00-00	'Urea	59833	46.06			100.13	
18-46-00	'DAP	59834	17.72	46.53		100.39	
00-00-60	'MOP	59835			61.15	101.92	
46-00-00	'Urea	60392	46.11			100.24	
18-46-00	'DAP	60393	17.67	45.83		99.22	
33-10-06		60394	32.22	9.4	7.92	100.74	*
10-16-28		60395	10.9	17.2	26.96	101.18	*
39-00-00		60396	39.05			99.95	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Simplot AB Retail Sub Inc Boise ,ID							
18-46-00	'DAP	58608	18.14	45.72		99.78	
18-46-00	'DAP	58609	17.35	46.78		100.2	
00-00-60	'MOP	58610			61.85	103.08	
46-00-00	'Urea	58611	45.88			99.74	
21-00-00	'AS	58620	21.14			100.67	*
46-00-00	'Urea	58621	46.15			100.33	
00-00-50	'SP	58622			50.47	100.94	
18-46-00	'DAP	58623	17.17	45.68		98.2	
00-00-60	'MP	58624			61.22	102.03	
00-00-60	'MP	58625			60.68	101.13	
00-46-00	'TSP	58626		46.41		100.89	
21-00-00	'AS	58874	20.73			98.71	*
00-00-60	'MOP	58875			60.61	101.02	
00-00-60	'MOP	58876			60.48	100.8	
18-46-00	'DAP	58877	17.32	46.29		99.39	
18-46-00	'DAP	58878	17.84	46.06		99.84	
46-00-00	'Urea	58879	45.78			99.52	
00-00-60	'MOP	59599			60.65	101.08	
18-46-00	'DAP	59601	17.48	46.2		99.5	
21-00-00	'AS	59602	20.81			99.1	*
Simplot Grower Solutions - Franklin Franklin ,KY							
18-15-20		59474	17.65	16.44	19.42	101.41	*
18-15-20		59475	17.72	15.81	20.22	101.76	*
18-13-17		59476	18.36	13.53	17.48	101.64	*
19-31-00		59477	19.31	30.59		100.46	*
09-23-20		59478	9.11	23.49	20.01	102.91	*
10-25-16		59479	9.95	24.73	16.18	101.02	*
Simplot Grower Solutions - Fancy Farm Fancy Farm ,KY							
22-12-22		59399	25.04	12.43	17.83	99.82	
22-12-22		59400	24.55	11.89	19.11	100.11	
08-19-25		59401	7.30	19.85	25.66	102.19	*
08-19-25		59402	8.34	21.49	25.95	108.11	*
28-12-15		59403	26.63	11.17	16.44	100.25	
22-12-22		59404	22.04	12.08	22.19	101.08	
08-19-35		59405	8.13	22.08	32.62	102.27	
Simplot Grower Solutions - Glasgow Glasgow ,KY							
17-14-18		59593	16.65	13.6	18.95	100.91	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
17-14-18		59594	16.13	13.37	18.53	98.51	*
17-14-18		59595	17.51	15.19	17.46	103.18	*
17-14-18		59596	17.49	14.37	17.94	102.34	*
21-15-20		59597	20.15	15.04	21.22	99.38	
19-19-20		59598	18.73	19.27	20.18	100.06	
17-14-18		59603	17.93	15.03	17.27	103.36	*
17-14-18		59604	17.11	14.27	17.19	99.86	*
31-00-00		59605	31.42			99.81	*
34-05-06		59606	29.46	4.16	7.05	91.75	*
Simplot Grower Solutions - Hartford Hartford ,KY							
11-18-24		59649	11.70	18.97	25.53	104.39	*
19-19-20		59650	19.77	22.62	18.85	105.82	
19-19-20		59651	19.41	18.71	21.65	102.81	
18-09-23		59652	17.50	9.68	24.01	103.28	*
11-18-24		59653	11.97	19.3	24.39	103.52	*
11-18-24		59654	11.90	19.67	24.65	104.56	*
11-18-24		59655	12.15	19.21	21.71	98.93	*
19-19-20		59656	19.39	20.2	20.59	103.67	
09-08-39		59657	7.67	8.57	45.78	110.39	*
09-08-39		59658	9.48	8.1	40.74	104.14	*
09-08-39		59659	9.35	8.55	38.9	101.54	*
South Central Farm Supply Gamaliel ,KY							
25-13-17		59611	24.03	13.12	17.94	99.8	
25-13-17		59612	23.20	12.74	18.29	98.15	
28-12-15		59613	26.58	11.45	16.12	100.12	
20-19-19		59614	18.92	18.1	20.17	98.39	
28-12-15		59615	26.26	11.74	15.78	99.47	
18-17-22		59616	18.21	18.73	20.98	100.06	
23-00-30		59617	22.07		30	98.17	
23-00-30		59618	21.72		30.32	98.06	
28-12-15		59619	27.26	11.82	15.2	100.5	
20-19-19		59620	19.49	20.27	18.70	100.84	
Southern FS Inc - Hickman Hickman ,KY							
12-19-22		59938	12.46	18.48	21.87	100.05	*
12-19-22		59939	12.63	18.59	22.27	101.32	*
12-19-22		59940	12.61	18.73	21.47	100.11	*
19-31-00		59941	18.95	29.92		98.39	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-31-00		59942	19.05	30.15		99.05	*
14-14-18		59943	14.27	14.31	18.06	102.34	*
14-14-18		59944	14.79	14.08	16.48	99.7	*
14-14-18		59945	13.55	14.37	18.28	101.31	*
12-18-23		59946	12.25	17.98	23.07	100.47	*
12-18-23		59947	12.03	18.58	22.83	100.78	*
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Southern FS, INC Marion ,IL							
00-00-60	'MP	58080			59.06	98.43	
18-46-00	'DAP	58081	17.55	45.36		98.28	
12-40-00	'MES 10	58082	11.77	41.41		102.18	*
00-00-60	'MP	58204			60.56	100.93	
00-00-60	'MP	58205			61.21	102.02	
18-46-00	'DAP	58206	18.54	46.48		101.63	
11-52-00	'MAP	58207	11.64	54.18		104.5	
00-00-60	'MP	58340			61.56	102.6	
18-46-00	'DAP	58341	17.86	45.92		99.66	
12-40-00	'MES 10	58342	11.65	40.57		100.42	*
21-00-00	'AS	58343	21.07			100.33	*
29-00-00	'29-00-9.6S	58344	29.07			100.24	*
18-46-00	'DAP	58807	17.57	46.63		100.31	
18-46-00	'DAP	58808	17.76	46.08		99.75	
18-46-00	'DAP	58809	17.74	45.98		99.56	
18-46-00	'DAP	58810	17.72	46.03		99.61	
46-00-00	'Urea	58811	46.19			100.41	
46-00-00	'Urea	58812	46.10			100.22	
00-00-60	'MP	58813			60.77	101.28	
00-00-60	'MP	58814			61.35	102.25	
00-00-60	'MP	58815			60.96	101.6	
18-46-00	'DAP	58816	17.44	46.38		99.72	
00-00-60	'MP	58817			60.3	100.5	
00-00-60	'MP	58818			60.37	100.62	
18-46-00	'DAP	58819	18.26	46.16		100.66	
18-46-00	'DAP	58820	18.05	47.12		101.83	
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Southern States - Bowling Green Bowling Green ,KY							
10-27-23		58211	10.66	26.97	22.07	100	*
10-27-23		58212	10.78	26.67	22.12	99.76	*
10-27-23		58213	10.66	26.54	22	99.12	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-27-23		58240	11.57	26.64	23.38	102.96	*
10-27-23		58241	11.46	26.04	23.5	101.81	*
10-27-23		58242	10.38	26	24.69	101.17	*
09-22-29		58243	8.90	21.74	30.9	101.22	*
09-22-29		58244	9.40	23.36	28.33	101.7	*
09-23-30		59342	8.57	23.66	31.09	102.07	
09-22-29		59343	8.49	23.07	30.49	102.78	*
Southern States - Cadiz Cadiz ,KY							
08-21-29		58180	8.46	20.67	28.83	99.47	*
10-25-25		58181	9.80	24.73	24.74	100.17	*
10-25-25		58182	10.09	24.77	24.19	100.02	*
08-14-26		58208	8.68	14.79	27.57	105.85	*
08-14-27		58209	8.82	14.44	26.47	103.26	*
08-14-27		58210	8.69	14.6	25.36	100.31	*
12-32-18		58250	12.97	30.97	18.17	100.29	*
12-32-18		58251	13.16	30.7	16.92	98.7	*
12-32-18		58252	12.78	30.41	18.68	99.51	*
12-32-18		58253	13.56	32.41	16.85	102	*
00-00-41		59397			42.63	103.98	*
00-00-41		59398			41.6	101.46	*
Southern States - Calhoun Calhoun ,KY							
25-12-14		60356	25.66	13.26	13.84	101.58	
08-13-33		60357	8.10	13.04	33.66	103.44	*
08-13-33		60358	7.92	13.22	34.19	103.44	*
05-14-12		60359	6.09	15.26	12.41	106.89	
Southern States - Campbellsville Campbellsville ,KY							
19-19-19		58720	19.83	19.16	20.15	101.71	
24-14-18		59813	24.01	14.4	17.6	100.81	
24-14-18		59814	23.68	14.95	17.65	101.3	
09-18-30		59967	9.39	19.21	28.72	102.3	*
20-15-22		59968	20.23	15.5	22.06	101.42	
19-19-19		59969	19.48	20.45	20.15	103.44	
38-00-00		60056	36.94			98.27	*
38-00-00		60057	36.97			98.48	*
06-16-37		60138	6.86	17.04	39.02	104.97	*
24-07-19		60139	25.29	7.51	17.78	100.76	
38-12-00		60332	39.04	9.70		98.29	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
42-07-00		60333	41.23	7.32		99.75	
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Southern States - Carlisle Carlisle ,KY							
19-19-19		59416	18.93	19.1	20.36	100.38	
19-19-19		59417	19.17	20.83	18.68	101.12	
11-29-22		59418	11.42	31.46	21.29	102.74	
12-30-20		59419	11.53	31.79	19.83	100.87	
12-30-20		59420	11.45	32.32	20.73	102.96	
18-09-18		60120	17.73	9.19	18.56	100.18	
18-08-16		60232	17.62	8.52	16.41	100.21	
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Southern States - Cynthiana Cynthiana ,KY							
36-00-00		59910	36.46	0.6		102.01	*
32-00-15		59911	32.57	0.24	14.77	101.47	*
32-00-15		59912	32.56	0.23	15.84	103.73	*
32-00-15		59913	32.23	0.23	16.37	103.94	*
32-00-15		59914	31.71	0.23	15.99	102.03	*
32-00-15		59915	32.15	0.23	15.83	102.67	*
32-00-15		59916	31.70	0.23	16.39	102.82	*
31-00-16		59922	30.38	0.16	18.07	103.87	*
31-00-16		59923	30.94	0.19	16.69	102.36	*
31-00-16		59924	31.00	0.18	16.71	102.51	*
31-00-16		59925	30.94	0.16	17.44	103.82	*
19-19-19		59926	19.86	19.22	19.79	101.3	
14-00-18		60321	15.10	0.02	17.83	101.2	*
21-05-23		60322	21.04	5.3	24.06	102.67	*
02-00-54		60323	1.89	0.12	53.89	100.58	*
02-00-54		60324	1.56	0.03	54.04	99.97	*
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Southern States - Elizabethtown Elizabethtown ,KY							
19-19-19		59182	19.25	19.68	18.55	99.03	
19-19-19		59183	19.99	18.69	20.17	101.24	
19-19-19		59184	19.19	19.16	20.56	101.31	
25-15-15		59185	24.85	15.84	16.46	102.94	
19-19-19		59189	19.20	19.47	20.42	101.64	
19-19-19		59190	19.49	19.92	19.54	101.51	
11-22-29		59191	11.20	21.59	30.14	102.83	
19-19-19		59192	19.99	19.58	19.94	102.46	
19-19-19		59193	19.45	19.21	21.03	102.62	
27-14-14		59194	27.25	14.66	14.25	103.02	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Southern States - Elkton Elkton ,KY							
09-22-24		58035	8.98	22.52	23.27	99.99	*
09-22-24		58036	8.61	21.54	24.47	98.96	*
09-22-24		58037	8.54	22.82	25.11	102.35	*
09-22-24		58038	8.78	22.21	24.78	101.16	*
09-22-24		58039	9.03	22.69	25.49	103.73	*
11-10-32		58040	10.65	9.73	32.87	99.06	*
09-22-23		58041	8.38	22.37	23.15	99.69	*
09-22-23		58042	8.83	22.11	22.52	99.22	*
09-22-24		58043	8.89	22.82	24.61	102.38	*
09-22-24		58044	9.02	22.55	25.07	102.81	*
Southern States - Eminence Eminence ,KY							
20-23-15		58371	20.86	23.29	14.59	100.36	
25-00-28		58741	23.81		28.43	99.36	
09-23-30		58742	8.83	23.32	30.85	101.57	
09-23-30		58743	8.64	22.93	31	100.83	
07-19-25		59268	7.26	18.94	25.57	100.1	*
07-18-36		59269	7.00	18.51	36.13	100.49	*
07-18-36		59270	7.04	18.16	36.64	100.72	*
27-14-14		59271	26.79	14.52	14.59	102.43	
36-03-11		59272	35.42	2.97	11.91	100.96	
09-23-30		59544	9.12	23.96	30.27	102.21	
09-23-30		59545	9.08	24.1	30.7	103.04	
Southern States - Flemingsburg Flemingsburg ,KY							
37-00-00		59737	35.95			98.36	*
15-15-15		59738	15.21	15.43	14.5	102.25	*
15-15-15		59739	15.32	14.53	14	99.34	*
26-11-11		59740	25.91	10.59	11.31	100.5	*
26-11-11		59741	26.14	10.28	11.36	100.43	*
19-19-19		59742	19.15	19.6	20.9	102.53	
26-14-09		59743	27.39	14.02	8.91	101.69	
26-14-09		59744	27.09	14.77	8.83	102.46	
34-00-00		59745	33.13			98.9	*
34-00-00		59746	32.74			97.73	*
31-05-10		60284	30.95	5.75	10.59	101.82	*
Southern States - Franklin Franklin ,KY							
08-20-27		58022	8.27	20.39	26.34	101	*
08-20-27		58023	8.31	20.61	25.43	100.17	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
08-20-27		58024	8.48	21.72	25.93	103.59	*
08-20-27		58025	8.32	20.02	26.58	100.7	*
08-20-27		58026	8.05	20.62	28.13	103.68	*
08-20-27		58027	8.32	19.64	25.79	98.73	*
08-20-27		58028	8.28	20.93	26.6	102.54	*
08-20-27		58029	8.35	21.36	26.39	103.27	*
08-20-27		58030	8.07	20.81	26.65	102.56	*
08-20-27		58073	8.53	21.33	27.35	105.07	*
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Southern States - Georgetown Georgetown ,KY							
17-00-38		59071	15.97		38.33	98.84	
17-00-38		59074	16.21		38.49	99.59	
23-00-18		59075	23.78	1.38	18.42	105.1	*
23-00-30		59076	22.81		31.1	101.63	
36-00-00		59077	36.25	1.35		103.5	*
21-00-20		59078	21.52	1.4	21	107.2	*
39-00-00		59079	38.89	1.39		101.85	*
09-00-13		59080	8.74	1.26	14.71	111.13	*
00-00-39		59081			39.25	100.59	*
31-00-09		59082	30.65	1.3	10.49	106.59	*
31-00-09		59083	30.56	1.26	9.52	103.96	*
19-00-21		59084	19.90	1.26	23.19	108.92	*
01-00-25		59085	1.57	1.25	27.64	115.92	*
19-19-19		59086	18.73	19.43	20.02	102.09	
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Southern States - Glasgow Glasgow ,KY							
19-19-19		58681	17.84	18.96	22.3	101.37	
19-19-19		58682	19.27	20.79	17.89	101.63	
19-19-19		58683	18.73	19.84	20.33	101.28	
19-19-19		58684	19.27	20.69	19.46	102.34	
19-19-19		58685	19.45	20.33	19.51	102.1	
19-19-19		58686	18.96	20.26	19.83	101.61	
26-14-14		58687	24.92	15.63	15.78	102.22	
19-19-19		58688	18.56	19.72	20.28	102.33	
19-19-19		58689	19.81	20.2	19.42	102.34	
29-11-13		58690	29.53	11.56	12.68	100.59	
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Southern States - Harrodsburg Harrodsburg ,KY							
18-00-37		59555	18.23		35.94	99.35	
22-28-09		59556	21.56	28.37	9.38	100.17	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-00-40		59557	14.09		41.24	99.82	
31-00-00		59558	30.91			99.71	*
23-00-30		60253	22.35		31.96	102.29	
29-00-22		60254	28.55		23.32	101.39	
18-00-36		60255	18.22		36.64	100.8	
23-00-30		60256	22.88		31.64	102.75	
15-00-40		60257	13.98		42.37	102.05	*
35-00-00		60258	34.86			99.4	*
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Southern States - Henderson Henderson ,KY							
11-18-24		59304	11.25	18.43	24.42	100.69	*
11-18-24		59305	11.19	19.04	25.26	103.1	*
13-17-29		59306	13.34	17.95	29.2	101.62	
13-17-29		59307	13.58	17.63	28.75	100.78	
13-17-29		59308	13.30	17.35	29.68	101.3	
11-18-24		59309	11.27	18.73	24.47	101.36	*
11-18-24		59310	11.11	18.03	25.25	101.03	*
09-23-30		59311	9.22	22.93	29.85	100.02	
11-18-24		59312	11.27	19.46	24.39	102.67	*
11-18-24		59313	11.04	19.24	25.53	103.49	*
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Southern States - Hodgenville Hodgenville ,KY							
24-16-16		59280	23.86	17.04	16.13	103.34	
19-19-19		59281	18.83	20.26	20.1	101.9	
19-19-19		59282	19.78	18.71	19.67	100.15	
19-19-19		59283	19.46	20.26	18.94	101.12	
03-08-30		59288	3.60	9.63	30.71	107.27	*
23-17-17		59291	23.49	17.32	16.69	101.72	
30-12-12		59295	29.27	12.36	13.16	102.56	
19-19-19		59296	18.89	19.22	20.23	100.38	
22-18-18		59297	21.14	16.75	18.56	99.05	
19-19-19		59298	19.14	19.5	19.9	100.77	
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Southern States - Hopkinsville Hopkinsville ,KY							
10-25-25		58053	10.23	24.53	25.11	100.68	*
10-25-25		58054	9.75	25.95	24.91	102.22	*
10-25-25		58055	9.69	25.88	24.9	102.04	*
10-25-25		58056	10.13	25.78	25.32	103.12	*
10-25-25		58662	9.56	25.16	25.92	102.02	*
10-25-25		58663	9.58	25.92	24.57	101.39	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		58675	19.21	20.97	19.63	103.05	
10-25-25		58676	9.52	24.58	25.55	100.39	*
10-25-25		58677	10.05	26.13	23.87	101.36	*
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Southern States - Horse Cave Horse Cave ,KY							
21-18-18		58693	20.86	18.56	19.39	102.52	
19-19-19		58694	18.17	20.64	20.59	102.13	
14-17-19		58695	12.66	18.51	19.54	102.36	*
14-17-19		58696	13.25	17.33	19.05	100.19	*
07-18-36		58697	7.32	17.62	38.7	103.12	
31-22-00		58698	30.72	22.28		99.57	*
35-15-00		58699	34.25	14.38		97.67	*
23-00-00		58700	22.33			98.46	*
21-18-18		58701	20.56	18.7	18.57	100.88	
19-19-19		58702	19.05	20.8	19.76	102.61	
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Southern States - Liberty Liberty ,KY							
19-19-19		59491	18.91	20.23	20.46	102.5	
24-00-29		59492	27.64		29.67	108.97	
19-19-19		59493	18.96	19.88	20.01	102.28	
19-19-19		59494	18.76	19.08	21.56	102	
22-09-24		59495	21.14	9.73	24.96	100.9	
05-14-42		59496	5.09	13.55	43.29	102.11	
09-23-30		59497	8.31	22.13	32.4	101.1	
22-09-24		59498	21.41	9.18	25.25	100.88	
27-14-14		59501	26.26	14.09	15.14	102.54	
27-14-14		59502	26.21	14.05	15.14	102.37	
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Southern States - London London ,KY							
13-13-13		60039	13.09	12.84	14.34	104.36	
10-10-10		60040	10.80	10.78	11	113	
10-10-10	'10-10-10	60041	9.80	9.57	10.04	97.97	
19-19-19	'19-19-19	60042	20.22	17.86	19.35	100.73	
06-12-12	'6-12-12	60043	6.28	12.98	12.54	106.05	
20-18-19		60044	20.44	18.48	19.56	101.5	
11-28-24		60045	10.73	27.65	24.36	100.52	
16-21-21		60046	15.68	20.34	22.37	101.7	
19-19-19		60047	19.53	19.49	20.67	102.65	
19-19-19		60048	19.66	19.63	20.01	102.05	
20-19-19		60049	19.21	20.17	19.52	101.66	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		60050	19.80	20.62	19.15	102.64	
19-19-19		60051	19.84	19.63	20.16	102.59	
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Southern States - Maysville Maysville ,KY							
29-28-00		59727	28.32	28.47		99.98	
19-12-19		59728	19.66	13	18.88	102.03	*
19-12-19		59729	19.53	12.93	18.68	101.25	*
19-12-19		59730	19.61	13.35	18.58	102.08	*
19-12-19		59731	19.22	12.75	19.57	101.93	*
25-34-00		59732	23.94	34.77		98.67	
25-34-00		59733	24.50	35.88		101.48	
29-28-00		59734	28.99	28.25		100.77	
29-28-00		59735	28.95	28.42		101	
29-28-00		59736	28.76	29.29		102.2	
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Southern States - Morganfield Morganfield ,KY							
09-23-30		58232	9.36	23.4	30.56	102.2	
07-14-19		58233	7.96	14.49	20.62	107.58	*
07-12-21		58234	7.60	13.09	21.5	107.14	*
07-12-21		58235	7.79	12.84	20.62	104.85	*
07-12-21		58236	7.59	13.02	22.26	108.34	*
07-12-21		58237	7.55	13.09	22.63	109.44	*
08-20-30		58269	8.73	21.64	28.21	100.93	*
08-21-30		58270	8.43	20.72	31.28	102.82	*
08-20-30		58271	7.91	19.76	32.62	101.77	*
08-20-30		58272	8.51	21.56	31.21	104.66	*
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Southern States - Owensboro Owensboro ,KY							
15-19-25		59153	14.73	20.86	25.42	102.85	
15-19-25		59154	14.08	21.62	26.06	104.07	
18-20-20		59155	18.67	21.81	19.33	102.1	
18-20-20		59156	18.02	21.27	20.65	102.15	
09-23-30		59157	9.33	24.3	30.28	103.16	
09-23-30		59158	8.64	22.93	32.4	102.99	
09-23-30		59159	9.30	23.85	30.96	103.41	
15-19-25		59160	14.30	21.87	25.39	103.81	
15-19-25		59161	15.83	20.5	25.06	103.56	
09-23-30		59208	9.60	24.95	29.79	103.94	
09-23-30		59209	8.41	22.36	33.38	103.17	

Southern States - Owenton Owenton ,KY

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
25-00-28		59063	25.28		25.84	97.73	
19-19-19		59065	19.38	18.8	19.84	99.8	
19-19-19		59066	19.21	18.99	19.41	99.13	
04-09-48		59068	4.09	9.74	47.68	101.77	*
06-15-40		59069	6.54	16.62	39.23	102.25	*
19-20-20		59070	18.76	20.78	19.39	101.15	
08-08-08		59319	8.44	9.44	8.69	106.61	
19-20-19		59320	19.68	20.76	19.53	103.19	
27-14-14		59321	27.07	15.25	13.2	101.95	
27-12-15		59322	27.35	13.63	15.15	103.8	
27-12-15		59323	27.34	13.19	15.24	103.11	
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Southern States - Owingsville Owingsville ,KY							
21-18-18		59375	21.74	17.8	18.21	100.86	
10-19-28		59376	10.57	20.56	25.67	100.73	*
21-18-18		59377	20.79	18.83	18.18	100.9	
37-00-00		59378	35.30			96.66	*
19-19-19		59379	18.35	20.2	19.81	100.39	
22-12-22		59380	21.39	12.4	23.45	102.69	
26-07-20		59381	24.99	8.09	20.8	100.35	
19-19-19		59382	18.96	20.43	19.47	101.31	
19-19-19		59383	18.88	20.73	19.17	101.22	
19-19-19		59384	18.18	21.55	19.75	102.4	
19-19-19		59385	19.09	20.22	18.89	100.24	
23-23-11		60230	23.10	23.13	11.58	99.97	
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Southern States - Richmond Richmond ,KY							
08-14-38		59406	8.60	13.74	38.16	100.38	
23-00-30		59407	22.26		31.02	100.4	
00-00-12		60291			12.91	107.58	
21-15-20		60299	21.32	15.78	21.08	102.61	
21-15-20		60300	20.18	16.11	21.92	102.55	
10-20-25		60301	10.20	20.74	27.25	105.14	
34-09-09		60302	32.79	9.08	9.51	99.65	
34-09-09		60303	33.77	8.86	9.57	101.25	
34-09-09		60304	33.05	8.61	10.85	101.67	
34-09-09		60305	34.23	8.6	8.06	98.9	
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Southern States - Richmond VA Richmond ,VA							
00-00-60	'MOP	57938			61.88	103.13	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	57939			59.99	99.98	
18-46-00	'DAP	57940	18.38	46.33		101.14	
18-46-00	'DAP	57941	18.56	46.64		101.91	
00-00-22	'SPM	57947			23.58	107.18	*
00-00-60	'MOP	57948			60.8	101.33	
18-46-00	'DAP	57949	18.07	46.4		100.73	
18-46-00	'DAP	57950	17.85	46.99		101.26	
18-46-00	'DAP	57968	18.26	46.59		101.33	
00-00-60	'MOP	57969			60.00	100	
18-46-00	'DAP	57970	18.51	45.49		100.08	
18-46-00	'DAP	57971	18.64	44.38		98.6	
18-46-00	'DAP	57972	18.81	45.63		100.79	
18-46-00	'DAP	57973	18.76	46.2		101.57	
18-46-00	'DAP	57974	18.73	45.74		100.82	
18-46-00	'DAP	57975	18.71	45.28		100.09	
00-00-22	'SPM	57976			22.41	101.86	*
46-00-00	'Urea	58015	46.16			100.35	
00-00-60	'MOP	58016			59.9	99.83	
18-46-00	'DAP	58017	17.77	45.87		99.42	
16-01-00	'SymTRX	58018	17.43	1.37		110.45	*
00-00-60	'MP	58070			59.05	98.42	
00-00-60	'MP	58071			59.23	98.72	
18-46-00	'DAP	58072	18.49	45.72		100.39	
18-46-00	'DAP	58111	18.73	46.86		102.53	
00-00-60	'MP	58112			59.53	99.22	
18-46-00	'DAP	58113	18.60	46.06		101.09	
21-00-00	'AS	58114	21.24			101.14	*
18-46-00	'DAP	58140	18.74	46.7		102.3	
21-00-00	'AS	58141	20.43			97.29	*
00-00-60	'MP	58142			59.89	99.82	
11-52-00	'MAP	58166	11.82	53.13		103.17	
11-52-00	'MAP	58167	11.61	53.26		103.01	
18-46-00	'DAP	58168	18.68	44.94		99.52	
00-00-60	'MP	58169			60.63	101.05	
00-00-60	'MP	58170			59.87	99.78	
00-00-60	'MP	58171			60.52	100.87	
11-52-00	'MAP	58172	11.60	51.64		100.47	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	58201			60.64	101.07	
18-46-00	'DAP	58202	18.59	47.7		103.57	
00-00-60	'MOP	58203			61.44	102.4	
00-00-60	'MOP	58254			58.9	98.17	
18-46-00	'DAP	58255	18.02	44.87		98.31	
00-00-60	'MP	58303			61.21	102.02	
00-00-60	'MP	58304			60.55	100.92	
18-46-00	'DAP	58305	17.75	45.17		98.32	
18-46-00	'DAP	58306	17.89	45.05		98.37	
18-46-00	'DAP	58319	18.06	45.94		100.01	
16-01-00	'SymTRX	58320	17.16	1.49		109.5	*
00-00-60	'MP	58321			61.23	102.05	
00-00-60	'MP	58322			61.61	102.68	
00-00-60	'MP	58362			61.61	102.68	
00-00-60	'MP	58363			62.08	103.47	
00-00-60	'MP	58364			62.06	103.43	
18-46-00	'DAP	58365	17.61	45.8		99.08	
21-00-00	'AS	58366	21.33			101.57	*
00-00-60	'MOP	58367			60.94	101.57	
46-00-00	'Urea	58368	46.13			100.28	
18-46-00	'DAP	58369	17.88	46.68		100.88	
16-01-00	'SymTRX	58370	17.05	1.83		111.06	*
21-00-00	'Ammonium Sulfate	58394	20.45			97.38	*
00-00-60	'MOP	58395			60.23	100.38	
18-46-00	'DAP	58396	17.41	46.1		99.23	
18-46-00	'DAP	58397	17.59	45.59		98.72	
46-00-00	'Urea	58398	46.14			100.3	
46-00-00	'Urea	58399	46.20			100.43	
18-46-00	'DAP	58400	17.66	45.35		98.45	
00-00-60	'MOP	58401			59.65	99.42	
00-00-60	'MOP	58469			58.24	97.07	
21-00-00	'AMS	58485	21.21			101	*
46-00-00	'Urea	58486	46.02			100.04	
46-00-00	'Urea	58487	46.06			100.13	
18-46-00	'DAP	58488	17.58	45.89		99.17	
18-46-00	'DAP	58490	17.75	46.49		100.38	
18-46-00	'DAP	58491	17.43	46.34		99.64	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	58492			61.75	102.92	
00-00-60	'MOP	58493			59.68	99.47	
21-00-00	'AMS	58507	20.62			98.19	*
00-00-60	'MOP	58508			60.78	101.3	
00-00-60	'MOP	58509			60.91	101.52	
18-46-00	'DAP	58510	17.56	43.80		95.87	
18-46-00	'DAP	58511	17.48	45.59		98.55	
18-46-00	'DAP	58512	17.80	46.69		100.77	
46-00-00	'Urea	58513	46.20			100.43	
46-00-00	'Urea	58533	46.11			100.24	
00-00-60	'MOP	58534			61.92	103.2	
46-00-00	'Urea	58535	46.20			100.43	
18-46-00	'DAP	58536	17.56	45.8		99	
46-00-00	'Urea	58557	46.20			100.43	
16-01-00	'SymTRX	58558	17.42	1.57		111.71	*
18-46-00	'DAP	58559	17.55	46.01		99.31	
18-46-00	'DAP	58560	17.74	46.6		100.53	
00-00-60	'MOP	58561			61.05	101.75	
18-46-00	'DAP	58597	17.04	46.64		99.5	
18-46-00	'DAP	58598	17.18	46.3		99.19	
18-46-00	'DAP	58599	17.35	45.78		98.64	
18-46-00	'DAP	58600	17.12	45.96		98.56	
46-00-00	'Urea	58601	46.20			100.43	
00-00-22	'K-Mag	58602			21.71	98.68	*
00-00-60	'MOP	58603			60.14	100.23	
00-00-60	'MOP	58604			60.23	100.38	
00-00-60	'MOP	58605			60.32	100.53	
00-00-60	'MOP	58606			61.09	101.82	
46-00-00	'Urea	58633	45.98			99.96	
46-00-00	'Urea	58634	46.16			100.35	
46-00-00	'Urea	58635	45.90			99.78	
18-46-00	'DAP	58636	17.53	45.53		98.53	
18-46-00	'DAP	58637	17.89	47.57		102.28	
00-00-60	'MOP	58638			59.66	99.43	
00-00-60	'MOP	58639			60.47	100.78	
11-52-00	'MAP	58653	11.17	53.46		102.59	
18-46-00	'DAP	58654	17.5	45.24		98.03	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-00-00	'AS	58655	20.48			99.9	*
18-46-00	'DAP	58656	17.18	45.98		98.69	
18-46-00	'DAP	58657	17.37	45.54		98.3	
00-00-60	'MP	58658			60.86	101.43	
00-00-60	'MP	58659			60.99	101.65	
00-00-60	'MP	58660			61.81	103.02	
11-52-00	'MAP	58661	10.55	52.98		100.84	
46-00-00	'Urea	58664	46.20			100.43	
46-00-00	'Urea	58665	46.08			100.17	
46-00-00	'Urea	58666	46.17			100.37	
00-00-22	'K Mag	58667			22.81	103.68	*
00-00-50	'SOP	58668			52.39	104.78	
00-00-60	'MP	58669			61.24	102.07	
18-46-00	'DAP	58670	17.21	45.89		98.59	
18-46-00	'DAP	58671	18.16	45.99		100.23	
20-00-00	'AS	58672	21.31			103.95	*
00-00-60	'MP	58673			60.58	100.97	
18-46-00	'DAP	58674	17.68	46.14		99.72	
00-00-22	'K Mag	58703			22.73	103.32	*
00-00-60	'MOP	58704			61.43	102.38	
18-46-00	'DAP	58705	17.55	46.33		99.81	
18-46-00	'DAP	58706	17.03	45.78		98.14	
46-00-00	'Urea	58707	46.20			100.43	
00-00-60	'MOP	58708			61.16	101.93	
00-00-60	'MOP	58718			59.24	98.73	
00-00-60	'MOP	58719			59.09	98.48	
16-01-00	'SymTRX	58721	16.61	1.49		106.47	*
18-46-00	'DAP	58722	17.77	45.86		99.42	
18-46-00	'DAP	58723	17.90	45.91		99.7	
46-00-00	'Urea	58724	46.16			100.35	
18-46-00	'DAP	58735	18.34	46.83		101.83	
46-00-00	'Urea	58736	46.16			100.35	
00-00-60	'MOP	58737			60.49	100.82	
00-00-60	'MOP	58738			59.55	99.25	
18-46-00	'DAP	58739	17.38	46.38		99.62	
21-00-00	'AS	58740	20.93			99.67	*
13-00-43	'13-0-43 Mix	58744	12.87		42.49	98.86	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19	'19-19-19	58749	20.05	21.14	18.08	104.21	
00-00-60	'MOP	58766			58.88	98.13	
00-00-50	'SOP	58767			50.41	100.82	
46-00-00	'Urea	58768	46.20			100.43	
21-00-00	'AS	58769	20.73			98.71	*
18-46-00	'DAP	58770	17.52	45.71		98.8	
18-46-00	'DAP	58771	17.64	45.28		98.31	
00-00-60	'MOP	58772			60.6	101	
18-46-00	'DAP	58773	17.45	45		97.58	
00-00-60	'MP	58831			60.13	100.22	
46-00-00	'Urea	58832	46.13			100.28	
18-46-00	'DAP	58833	17.74	46.14		99.81	
34-00-00	'Super Kicker Plus	58836	33.69			99.09	*
18-46-00	'DAP	58889	17.53	46.15		99.5	
00-00-60	'MOP	58890			59.19	98.65	
46-00-00	'Urea	58891	46.09			100.2	
00-00-50	'SP	58892			50.25	100.5	
18-46-00	'DAP	58893	17.77	45.34		98.61	
00-00-60	'MP	58894			60.78	101.3	
00-00-60	'MP	58895			60.78	101.3	
21-00-00	'AS	58896	20.78			98.95	*
46-00-00	'Urea	58897	45.97			99.93	
46-00-00	'Urea	58898	46.04			100.09	
00-00-60	'MOP	58915			60.89	101.48	
46-00-00	'Urea	58916	46.12			100.26	
18-46-00	'DAP	58917	17.68	44.95		97.86	
18-46-00	'DAP	58918	17.72	46.68		100.63	
46-00-00	'Urea	58919	46.03			100.07	
18-46-00	'DAP	58920	18.22	46.15		100.58	
18-46-00	'DAP	58921	17.96	45.67		99.42	
00-00-60	'MOP	58922			59.66	99.43	
16-01-00	'SymTRX	58930	21.14	1.01		130.29	*
00-00-22	'Kmag	58931			21.34	97	*
00-00-50	'SP	58932			52.19	104.38	
18-46-00	'DAP	58933	17.89	47.37		101.97	
00-00-60	'MP	58934			60.46	100.77	
00-00-60	'MP	58935			59.75	99.58	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58936	17.89	45.04		98.33	
46-00-00	'Urea	58937	45.86			99.7	
46-00-00	'Urea	58938	46.02			100.04	
16-01-00	'SymTRX	58939	17.13	1.44		109.24	*
18-46-00	'DAP	58940	17.83	45.12		98.36	
21-00-00	'AS	58941	21.13			100.62	*
00-00-60	'MP	58942			58.81	98.02	
00-00-60	'MP	58947			59.64	99.4	
00-00-60	'MP	58948			60.24	100.4	
18-46-00	'DAP	58949	18.33	46.57		101.41	
18-46-00	'DAP	58950	17.74	45.11		98.2	
46-00-00	'Urea	58951	45.98			99.96	
46-00-00	'Urea	58952	45.91			99.8	
46-00-00	'Urea	58953	45.96			99.91	
11-52-00	'MAP	58954	11.48	51.09		99.32	
16-01-00	'SymTRX	58955	17.03	1.31		107.88	*
18-46-00	'DAP	58956	17.69	45.98		99.48	
00-00-50	'SP	58957			50.68	101.36	
00-00-60	'MP	58958			59.43	99.05	
18-46-00	'DAP	58959	17.60	45.43		98.48	
46-00-00	'Urea	58960	45.84			99.65	
00-00-60	'MOP	58999			59.89	99.82	
00-00-60	'MOP	59000			60.49	100.82	
46-00-00	'Urea	59001	46.17			100.37	
18-46-00	'DAP	59002	16.67	46.55		98.78	
46-00-00	'Urea	59003	46.14			100.3	
46-00-00	'Urea	59004	46.20			100.43	
00-00-50	'SP	59005			51.06	102.12	
00-00-22	'Kmag	59006			22.2	100.91	*
00-00-60	'MP	59007			59.09	98.48	
00-00-60	'MP	59008			60.04	100.07	
18-46-00	'DAP	59009	17.60	45.19		98.11	
18-46-00	'DAP	59010	17.63	45.17		98.12	
00-00-60	'MP	59011			59.62	99.37	
21-00-00	'AS	59012	20.97			99.86	*
16-01-00	'SymTRX	59013	17.75	1.4		112.65	*
00-00-60	'MP	59014			59.7	99.5	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	59015	46.08			100.17	
18-46-00	'DAP	59016	17.98	46.67		101.02	
00-00-50	'SP	59017			49.85	99.7	
46-00-00	'Urea	59018	46.02			100.04	
34-00-00	'Super Kicker Plus	59020	33.70			99.12	*
46-00-00	'Urea	59030	45.73			99.41	
18-46-00	'DAP	59031	17.72	45.31		98.48	
00-00-60	'MOP	59032			60.56	100.93	
21-00-00	'AS	59033	20.72			98.67	*
46-00-00	'Urea	59051	46.03			100.07	
00-00-60	'MOP	59052			60.41	100.68	
16-01-00	'SymTRX	59053	17.00	1.36		108	*
00-00-50	'SOP	59054			52.21	104.42	
46-00-00	'Urea	59055	45.83			99.63	
18-46-00	'DAP	59056	17.56	45.21		98.08	
18-46-00	'DAP	59057	17.68	46.87		100.86	
46-00-00	'Urea	59058	46.06			100.13	
46-00-00	'Urea	59059	46.20			100.43	
00-00-60	'MOP	59060			59.33	98.88	
00-00-60	'MP	59087			60.61	101.02	
00-00-50	'SP	59088			51.3	102.6	
16-01-00	'SymTRX	59089	17.13	1.47		109.41	*
18-46-00	'DAP	59090	18.05	46.28		100.52	
18-46-00	'DAP	59091	17.48	46.02		99.22	
00-00-60	'MP	59092			59.36	98.93	
46-00-00	'Urea	59093	45.97			99.93	
18-46-00	'DAP	59094	18.00	45.22		98.78	
18-46-00	'DAP	59095	17.69	46.69		100.59	
18-46-00	'DAP	59096	18.06	47.28		102.09	
00-00-60	'MP	59097			60.09	100.15	
16-01-00	'SymTRX	59098	17.10	1.63		110.18	*
00-00-60	'MP	59099			60.18	100.3	
46-00-00	'Urea	59100	46.01			100.02	
00-00-60	'MP	59101			59.91	99.85	
00-00-60	'MP	59102			60.3	100.5	
00-00-60	'MP	59142			59.71	99.52	
46-00-00	'46-0-0	59143	46.07			100.15	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
16-01-00	'SymTRX	59144	17.17	1.4		109.24	*
00-00-50	'SP	59145			51.74	103.48	
18-46-00	'DAP	59146	18.18	45.62		99.69	
46-00-00	'Urea	59147	46.11			100.24	
00-00-22	'Kmag	59148			22.97	104.41	*
00-00-60	'MP	59149			60.58	100.97	
21-00-00	'AS	59152	20.95			99.76	*
00-00-60	'MOP	59186			60.49	100.82	
46-00-00	'Urea	59187	46.01			100.02	
18-46-00	'DAP	59188	17.60	45.1		97.97	
00-00-60	'MOP	59247			61.29	102.15	
00-00-60	'MOP	59248			61.3	102.17	
20-00-00	'AS	59249	20.38			99.41	*
46-00-00	'Urea	59250	46.20			100.43	
18-46-00	'DAP	59251	17.54	46.41		99.53	
00-00-50	'SOP	59252			50.64	101.28	
18-46-00	'DAP	59258	17.95	46.15		100.16	
46-00-00	'Urea	59267	46.20			100.43	
00-00-60	'MOP	59274			61.06	101.77	
00-00-60	'MOP	59275			60.49	100.82	
46-00-00	'Urea	59276	46.02			100.04	
11-52-00	'MAP	59277	11.62	53.42		103.24	
18-46-00	'DAP	59278	17.21	45.77		98.41	
46-00-00	'Urea	59279	45.96			99.91	
18-46-00	'DAP	59284	16.96	46.86		99.72	
46-00-00	'Urea	59285	46.01			100.02	
21-00-00	'AS	59286	21.06			100.29	*
00-00-22	'Kmag	59287			22.59	102.68	*
18-46-00	'DAP	59289	18.39	45.31		99.53	
18-46-00	'DAP	59290	17.00	45.85		98.2	
46-00-00	'Urea	59292	46.01			100.02	
00-00-60	'MOP	59293			60.34	100.57	
00-00-60	'MOP	59294			60.01	100.02	
18-46-00	'DAP	59324	17.99	46.57		100.88	
46-00-00	'Urea	59344	46.09			100.2	
18-46-00	'DAP	59345	17.03	45.9		98.33	
00-00-60	'MOP	59346			62.9	104.83	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	59409	46.20			100.43	
00-00-60	'MOP	59410			59.15	98.58	
16-01-00	'SymTRX	59411	16.58	1.41		105.82	*
19-19-19	'SS	59499	18.66	21.92	19.22	105.01	
10-10-10	'SS	59500	10.75	11.42	10.61	109.35	
18-46-00	'DAP	59546	18.00	46.86		101.34	
00-00-50	'SOP	59547			51.36	102.72	
16-01-00	'SymTRX	59554	17.11	1.47		109.29	*
18-46-00	'DAP	59627	17.53	46.95		100.75	
46-00-00	'Urea	59628	45.99			99.98	
00-00-60	'MOP	59629			60.5	100.83	
18-46-00	'DAP	59775	17.56	46.03		99.36	
18-46-00	'DAP	59776	17.82	45.42		98.81	
00-00-60	'MOP	59777			61.41	102.35	
18-46-00	'DAP	59836	17.70	46.63		100.52	
16-01-00	'SymTRX	59837	16.91	1.75		109.76	*
46-00-00	'Urea	59838	46.1			100.22	
00-00-60	'MOP	59839			62.27	103.78	
00-00-60	'MOP	59840			62.06	103.43	
46-00-00	'Urea	59917	46.19			100.41	
18-46-00	'DAP	59918	17.58	45.74		98.94	
00-00-60	'MP	59919			59.76	99.6	
16-01-00	'SymTRX	59920	17.39	1.3		109.94	*
00-00-50	'SP	59921			50.29	100.58	
18-46-00	'DAP	60022	17.05	45.05		97.03	
46-00-00	'Urea	60033	46.00			100	
18-46-00	'DAP	60034	17.28	46.1		99.03	
00-00-60	'MOP	60035			59.96	99.93	
00-00-60	'MP	60116			57.84	96.4	
46-00-00	'Urea	60117	46.05			100.11	
00-00-50	'SP	60118			49.56	99.12	
18-46-00	'DAP	60119	17.87	45.04		98.3	
00-00-50	'SOP	60213			49.66	99.32	
00-00-50	'SOP	60214			49.83	99.66	
16-01-00	'SymTRX	60220	16.89	1.47		108	*
00-00-60	'MOP	60221			59.56	99.27	
18-46-00	'DAP	60222	17.51	45.72		98.8	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	60227	46.20			100.43	
18-46-00	'DAP	60228	18.75	45.85		100.94	
00-00-60	'MP	60229			60.38	100.63	
18-46-00	'DAP	60280	17.67	47.07		101.16	
46-00-00	'Urea	60281	46.18			100.39	
00-00-60	'MP	60282			61.85	103.08	
21-00-00	'AS	60283	21.09			100.43	*
46-00-00	'Urea	60292	46.20			100.43	
00-00-60	'MOP	60293			60.88	101.47	
16-01-00	'SymTRX	60294	17.01	1.39		108.24	*
00-00-50	'SOP	60306			52.14	104.28	
28-00-00		60377	26.58			94.32	*
26-00-00		60378	27.91			0.00	*
46-00-00	'Urea	60398	46.20			100.43	
18-46-00	'DAP	60399	17.85	45.88		99.58	
00-00-60	'MOP	60400			59.54	99.23	
00-00-50	'SOP	60401			50.78	101.56	
21-00-00	'AS	60402	20.78			98.95	*
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Southern States - Russellville Russellville ,KY							
08-20-34		58058	8.30	21.38	32.97	102.33	
08-20-34		58059	8.31	21.56	32.75	102.39	
10-26-19		58088	10.55	27.58	19.1	104.76	*
10-26-19		58089	10.50	26.65	20.3	104.56	*
08-21-24		58147	8.81	21.6	24.71	101.66	*
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Southern States - Russellville Fertilizer Plant Russellville ,KY							
08-00-41		58143	8.44		40.05	99.25	*
08-00-41		58144	7.96		40.42	98.59	*
08-00-41		58145	8.34		40.23	99.3	*
08-21-24		58146	9.83	24.99	24.23	110.22	*
06-16-32		58148	6.31	16.59	31.15	99.13	*
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Southern States - Sebree Sebree ,KY							
09-23-30		59879	9.15	24.14	29.89	101.99	
09-23-30		59880	8.92	24.4	28.79	100.34	
09-23-30		59954	9.56	24.07	28.91	101.04	
20-19-19		59955	20.57	19.24	19.27	102.11	
23-14-19		59956	23.29	15.69	18.59	102.83	
23-14-19		59957	23.43	14.48	19.42	102.28	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
23-14-19		59958	23.46	15.21	18.68	102.42	
23-14-19		59959	22.93	15.53	19.24	102.98	
09-23-30		59960	9.27	23.22	29.89	100.65	
09-24-29		59961	8.82	22.93	31.14	101.03	
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Southern States - Shelbyville Shelbyville ,KY							
06-14-31		58256	5.65	15	32.05	104.56	
19-19-19		59778	18.09	18.77	21.95	100.97	
19-19-20		59779	18.41	19.95	21.39	102.74	
14-06-14		59780	14.48	8.48	15.15	113.98	*
14-06-14		59781	14.66	7.1	14.79	108.24	*
16-15-27		59782	15.43	14.51	28.36	99.91	
16-15-27		59783	15.13	14.02	28.68	99.02	
23-16-16		60223	22.25	17.51	16.81	100.53	
19-14-21		60224	17.96	15.48	20.58	100.68	*
19-15-20		60225	18.61	14.79	20.52	101.45	*
11-16-21		60226	11.02	15.58	21.41	100.94	*
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Southern States - Somerset Somerset ,KY							
25-15-16		59504	25.08	14.67	16.57	101.37	
12-12-12		59505	12.87	12.99	13.47	105.28	
28-00-23		59506	27.64		23.82	99.93	
25-00-28		59507	24.51		28.28	100.46	
24-11-20		59508	23.52	11.04	20.98	101.22	
19-19-19		59509	19.79	20.06	19.14	101.6	
22-12-22		59510	22.11	12.15	22.01	101.16	
17-14-19		59511	17.99	14.35	18.48	102.18	*
21-14-14		59512	21.48	14.86	13.67	102.01	
19-16-16		59513	19.07	17.09	16.17	100.9	
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Southern States - Springfield Springfield ,KY							
14-15-25		60012	13.93	14.78	25	99.94	*
14-15-25		60013	13.94	14.85	25.01	100.11	*
19-00-00		60014	18.64			97.24	
08-12-18		60015	7.76	11.96	17.47	98.21	*
08-12-18		60016	7.68	11.78	19.35	102.25	*
08-12-18		60017	7.84	12.16	19.07	103.02	*
08-12-18		60018	7.98	11.95	19.66	104.32	*
19-17-22		60019	18.33	16.42	22.51	99.23	
35-00-00		60020	34.05	0.66		98.83	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
07-19-35		60021	7.18	18.86	35.5	99.77	
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Southern States - Stanford Stanford ,KY							
07-18-24		59221	7.40	18.78	24.28	102.44	
07-18-24		59222	7.46	18.77	25.73	105.37	
21-10-20		59223	21.13	9.74	20.8	101.41	*
19-19-19		59224	18.36	19.1	22.44	102.77	
19-19-19		59225	19.05	19.86	20.1	101.51	
05-13-40		59226	4.93	13.33	38.47	97.84	
19-19-19		59227	18.49	20.21	19.88	100.78	
19-19-19		59228	19.18	19.86	20.39	102.21	
30-00-21		59229	29.08		22.57	101.15	
30-00-21		59230	29.31		22.96	102.35	
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Southern States - Warsaw Owenton ,KY							
19-19-19		59253	19.22	19.96	19.12	100.4	
25-10-20		59254	24.85	10.33	19.62	100.65	
40-00-00		59255	39.85			100.63	*
40-00-00		59256	39.76			100.35	*
40-00-00		59257	39.71			100.18	*
19-19-19		59538	19.60	21.01	18.25	101.5	
19-19-19		59539	19.21	21.46	18.33	101.74	
26-07-18		59540	25.70	7.1	18.28	100	*
26-07-18		59541	25.39	7.89	18.03	100.45	*
26-07-18		59542	25.53	7.22	18.72	100.66	*
23-10-22		59543	22.89	10.9	22.63	102.21	
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Southern States - Winchester Winchester ,KY							
28-14-09		59671	29.62	13.46	8.82	100.7	*
28-14-09		59672	28.13	13.2	10.06	99.51	*
28-14-09		59673	29.37	13.77	9.34	101.76	*
28-14-09		59674	29.07	14.41	8.92	101.67	*
19-19-19		59675	19.75	19.04	18.99	99.48	
19-19-19		59676	18.91	20.26	20.26	102.23	
19-19-19		59677	19.50	19.94	19.71	101.81	
04-09-48		59678	4.05	10.69	46.58	101.1	
09-17-35		60259	8.68	17.32	35.06	100.17	
08-20-34		60261	7.68	20	35.18	101.81	
08-20-34		60262	7.52	19.58	34.95	100.47	

Southern States Winchester Fertilizer Plant Winchester ,KY

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19	'Southern States	57936	19.54	19.17	19.55	102.17	
10-10-10	'Southern States	57937	9.22	9.76	10.75	98.07	
19-19-19	'SS 19-19-19	57942	19.05	19.16	19.03	100.44	
10-10-10	'SS 10-10-10	57943	10.41	11.48	10.77	108.81	
19-19-19	'SS	58537	18.39	19.78	21.4	104.3	
10-10-10	'SS	58709	10.48	11.53	10.91	109.75	
15-15-15	'SS	58710	15.55	16.79	16.67	108.85	
06-24-24	'SS	58711	8.69	22.34	25.87	105.29	
19-19-19	'SS	58804	18.94	20.83	18.72	102.72	
19-19-19	'SS	58805	19.28	20.46	18.98	103.1	
10-10-10	'SS	58834	10.00	10.42	10.95	104.44	
19-19-19	'SS	58835	19.10	20.51	20.01	104.58	
15-15-15	'SS	58991	16.25	16.81	14.34	105.59	
10-10-10	'SS	58992	10.34	11.63	10.33	107.78	
19-19-19	'SS	59019	18.86	21.16	18.41	102.65	
19-19-19	'SS	59026	19.79	21.25	19.4	106.14	
05-20-20	'5-20-20	59061	8.11	20.73	18.39	105.41	
10-10-10	'10-10-10	59062	9.86	10.71	11.28	105.99	
19-19-19	'19-19-19	59064	19.09	20.69	19.68	104.33	
19-19-19	'SS	59408	19.68	19.75	19.29	103.06	
46-00-00	'SS	59869	46.04			100.09	
10-10-10	'SS	60027	10.94	11.42	10.8	110.6	
19-19-19	'SS	60028	19.71	19.78	19.38	103.31	
05-20-20	'SS	60029	7.64	19.98	20.93	108	
46-00-00	'SS	60030	45.96			99.91	
19-19-19	'SS	60061	20.66	19.95	18.46	103.8	
10-10-10	'SS	60062	8.88	9.06	9.74	92.13	
19-19-19	'SS	60085	18.86	20.57	18.93	102.46	
06-24-24	'SS	60086	9.47	24.92	24.28	108.91	
19-19-19	'SS	60087	18.85	20.35	19.67	103.27	
10-10-10	'SS	60088	10.03	10.7	10.6	104.39	
05-10-15	'SS	60089	5.57	11.52	15.86	108.29	
10-10-10	'SS	60090	9.51	10.47	10.42	101.26	
46-00-00	'SS	60091	46.12			100.26	
34-00-00	'Super Kicker Plus	60102	32.01			94.15	*
05-20-20	'SS	60103	7.80	20.44	18.10	103.41	
10-10-10	'SS	60104	10.24	11.22	10.45	106.42	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19 'SS		60105	18.79	22.01	17.85	103.13	
46-00-00 'SS		60106	46.12			100.26	
19-19-19 'SS		60108	20.19	20.89	17.85	103.63	
10-10-10 'SS		60109	11.21	10.37	9.98	105.34	
00-10-30 'SS		60110		10.94	31.42	105.97	*
19-19-19 'SS		60111	19.30	19.92	19.05	102.28	
19-19-19 'SS		60128	18.13	19.55	18.27	98.21	
10-10-10 'SS		60129	10.40	10.97	10.29	105.6	
19-19-19 'SS		60307	17.62	19.83	22.18	104.3	
10-10-10 'SS		60308	9.31	9.97	10.32	98.55	
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Spectrum Group St. Louis ,MO							
20-00-00 'Vigoro Ready-To-Spray Lawn Fertilizer 20-0-0		58483	20.03			100.15	
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Stanley Crop Service Owensboro ,KY							
18-46-00 'DAP		58128	18.58	45.98		100.94	
18-46-00 'DAP		58129	18.75	46.57		102.12	
00-00-60 'MP		58130			59.06	98.43	
18-46-00 'DAP		58131	18.58	45.94		100.88	
18-46-00 'DAP		58132	18.60	45.71		100.56	
18-46-00 'DAP		59123	17.95	45.42		99.02	
20-00-00 'AS		59124	20.54			100.2	*
00-00-60 'MP		59125			59.95	99.92	
00-00-60 'MP		59126			60.41	100.68	
18-46-00 'DAP		59127	17.91	45.5		99.08	
18-46-00 'DAP		59128	17.51	46.4		99.86	
46-00-00 'Urea		59129	45.78			99.52	
00-00-50 'SP		59130			50.11	100.22	
31-00-00		59131	30.22			98.53	*
06-16-39		59132	6.34	16.79	39.84	102.62	
06-16-39		59133	6.42	16.65	40.11	102.94	
19-19-20		59134	18.91	18.76	22.32	103.01	
19-13-14		59135	18.80	12.78	14.81	102.01	*
15-15-12		59136	14.98	16.08	12.67	104.33	*
15-15-12		59137	14.80	15.88	12.98	104.1	*
09-23-30		59138	9.12	23.49	30.64	102.01	
32-18-00		59139	31.51	18.57		100.46	*
32-18-00		59140	32.93	17.28		100.72	*
06-22-05 'Starter 6-22-5-4S-0.43Zn		59141	7.43	23.27	6.53	112.61	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Sun Bulb Company, INC. Arcadia ,FL							
11-35-15	'Better Gro Orchid	60175	12.02	35.79	16.52	105.37	*
11-35-15	'Orchid Better Bloom	60364	11.98	34.83	15.14	101.57	*
Swiss Farms Products Las Vegas ,NV							
10-08-08	'Vigoro Azalea Camellia & Rhododendron 10-8-8	58517	10.49	8.42	8.96	107.08	*
12-10-05	'Vigoro Tomato & Vegetable Plus Calcium 12-10-5	58518	11.65	9.65	5.96	100.7	*
12-05-07	'Vigoro Tree & Shrub Spikes	60183	12.91	5.84	7.55	109.62	*
12-06-10	'Vigoro Rose Food	60184	12.88	6.28	10	104.26	*
12-05-07	'Vigoro All Purpose	60185	12.34	5.51	6.81	102.87	*
12-10-05	'Vigoro Tomato & Veg	60186	12.10	10.52	5.22	103.09	*
T and N Inc Foristell ,MO							
16-08-10	'Greenskeeper Pasture	58349	15.97	7.84	10.87	101.85	*
12-12-12	'Greenskeeper s Secret	60370	11.00	11.99	12.47	98.36	
Tennessee Farmers Coop - Lavergne LaVergne ,TN							
18-46-00	'DAP	58315	18.05	46.79		101.28	
00-00-60	'MOP	58316			59.88	99.8	
46-00-00	'Urea (Coated)	58540	46.11			100.24	
46-00-00	'Urea	58541	46.20			100.43	
18-46-00	'DAP	58542	18.18	45.88		100.09	
00-00-60	'MOP	58543			61.64	102.73	
The Hawthorne Gardening Company Port Washington ,NY							
02-04-02	'Tomato & Vegetable Food	60238	4.60	4.9	2.73	153.19	*
03-04-02	'All Purpose Plant Food	60239	4.82	4.57	2.33	130.46	*
The Scotts Company Marysville ,OH							
32-00-10	'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10	57944	31.73		9.25	98.01	*
32-00-10	'Turfbuilder Winterguard	57967	32.18		9.65	99.86	*
24-00-10	'Lawn Pro Fall Lawn Fertilizer	58283	24.52		10.65	103.11	*
32-00-10	'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10	58292	31.27		10.66	99.25	*
14-14-14	'Osmocote Flower & Vegetable Smart-Release	58652	13.91	14.83	14.72	103.43	
10-10-10	'Scotts Flower & Veg	60174	11.40	10.34	10.92	108.86	*
12-04-08	'Scotts Rose & Bloom	60178	18.49	8.25	12.52	163.77	*
24-25-04	'Scotts Starter	60182	24.84	24.38	3.8	100.07	
Thomas Cayce Farm Supply, LLC Princeton ,KY							
18-46-00	'DAP	57987	17.73	45.05		98.1	
21-00-00	'AMS	57988	20.45			97.38	*
18-46-00	'DAP	57989	18.17	46		100.28	
00-00-60	'MP	57990			59.47	99.12	
00-00-60	'MP	57991			60.55	100.92	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	57992			59.91	99.85	
13-21-20		58049	12.39	21.16	20.19	100.15	*
13-21-20		58050	12.70	21.55	20.73	102.29	*
09-23-30		58051	8.81	24.13	31.16	103.23	
09-23-30		58052	9.38	24.03	30.94	103.89	
11-18-24		58067	12.41	19.87	21.52	101.66	*
11-18-24		58068	11.99	20.44	23.28	104.55	*
18-46-00	'DAP	58228	18.37	45.86		100.4	
00-00-20	'KMag	58229			22.18	108.2	*
00-00-60	'MP	58230			59.72	99.53	
03-09-10		58231	3.48	8.56	13.41	109.92	*
18-46-00	'DAP	58354	17.77	45.39		98.69	
21-00-00	'AS	58355	20.44			97.33	*
18-46-00	'DAP	58356	17.98	45.08		98.53	
18-46-00	'DAP	58357	18.33	45.2		99.27	
00-00-60	'MP	58358			61.32	102.2	
00-00-60	'MP	58359			61.2	102	
00-00-20	'K Mag	58360			22.13	107.95	*
34-00-00	'AN	58361	34.14			101.91	
12-18-23		59393	11.92	17.11	22.96	99.73	*
12-18-23		59394	11.36	17.07	23.09	98.77	*
10-26-26		59395	9.92	24.86	27	99.07	
10-26-26		59396	9.68	25.59	26.28	98.77	
17-18-18		59698	17.52	17.24	18.72	100.34	
17-18-18		59723	17.58	17.21	18.91	100.45	
18-18-18		59724	19.14	17.06	16.52	99.35	
Tri-County Fertilizer Co., Inc. Richmond ,KY							
46-00-00	'Urea	59027	45.80			99.57	
18-46-00	'DAP	59028	17.85	46.17		100.03	
00-00-60	'MOP	59029			59.15	98.58	
07-04-29		60263	6.75	4.41	28.58	98.29	
16-08-08		60264	12.48	6.88	8.76	88.81	
19-19-19		60265	18.73	18.13	19.74	99.26	
19-19-19		60266	18.57	18.96	21.03	102.61	
19-19-19		60267	18.92	18.38	20.36	100.92	
10-26-27		60268	9.98	24.55	27.5	99.56	
04-10-38		60287	3.36	9.34	42.49	107.32	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
04-09-33		60288	3.65	9.5	35.01	103.41	*
04-09-14		60289	3.68	9.7	15.79	107.22	
04-09-14		60290	3.43	8.62	15.22	100.1	
Valley Fertilizer Company Edmonton ,KY							
19-19-19		59347	19.21	19.81	19.8	101.22	
30-12-12		59348	29.40	13.47	12.27	103.36	
19-19-19		59349	18.52	19.97	20.58	101.56	
19-19-19		59350	19.96	20.46	19.64	103.43	
19-19-19		59351	19.17	20.05	19.94	101.78	
09-23-30		59352	8.86	23.5	31.27	102.57	
17-15-20		59353	18.50	15.27	19.33	100.96	
19-19-19		59354	19.25	20.71	19.89	103.03	
19-19-19		59355	19.27	19.34	19.55	100.09	
26-13-16		59356	25.14	13.07	16.29	99.47	
Voluntary Purchasing Group Bonham ,TX							
20-20-20	'All Purpose Water Soluble Plant Food 20-20-20	58470	21.32	20.78	20.42	104.25	
Warner Fertilizer - Albany Albany ,KY							
19-19-19		59718	18.30	21.31	19.94	102.49	
09-23-30		59719	9.69	24.85	28.98	102.67	
19-19-19		59720	18.79	20.85	19.71	102.17	
19-19-19		59982	20.02	18.92	20.01	101.42	
19-19-19		59983	19.11	20.51	19.95	102.52	
19-19-19		59984	19.52	20.11	19.81	102.31	
19-19-19		59985	18.94	20.97	20.23	103.49	
28-00-23		59986	26.56		24.12	100	*
11-23-22		59987	11.50	23.97	22.76	103.12	*
Warner Fertilizer - Campbellsville Campbellsville ,KY							
28-13-13		60341	28.17	14.5	13.34	103.58	
09-23-30		60344	8.71	23.47	28.9	98.6	
18-18-17		60345	18.57	16.46	16.43	97.6	*
22-13-12		60349	21.78	11.34	13.26	98.63	*
22-13-12		60350	22.09	12.3	12.34	99.54	*
22-13-12		60351	20.59	11.69	14.74	99.77	*
22-13-12		60352	22.95	11.98	10.62	97.26	*
17-13-19		60353	17.62	10.58	19.92	101.06	
09-23-30		60354	9.76	24.29	28.18	100.62	
Warner Fertilizer - Columbia Columbia ,KY							

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-19-19		59177	18.80	19.72	20.61	101.69	
20-19-19		59178	19.14	20.39	19.33	101.43	
20-19-19		59179	18.73	21.61	18.97	102.23	
20-19-19		59490	19.50	18.75	20.3	100.71	
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Warner Fertilizer - Liberty Liberty ,KY							
12-12-12		59503	12.87	12.12	14	104.71	
23-00-30		59514	25.39		27.26	99.72	
19-19-19		59515	20.07	19.03	18.93	99.94	
21-15-20		59516	23.39	14.34	18.93	100.15	
18-18-17		59517	18.94	17.23	17.56	101.51	
19-19-19		59519	19.90	18.86	19.53	100.32	
10-10-09		59520	11.37	11.51	12.19	122.06	
21-15-20		59521	21.98	14.42	19.85	99.28	
20-11-21		59522	20.69	10.54	21.66	102.52	*
10-10-09		60137	9.97	10.55	11.59	111.68	
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Warner Fertilizer - Monticello Monticello ,KY							
28-12-15		58759	26.86	11.33	17.07	102.09	
10-26-26		59715	10.30	25.98	26.41	100.65	
28-00-24		59716	26.11		25.80	100.45	
06-15-40		59717	6.24	16.26	39.83	101.74	
10-26-26		60143	10.2	26.88	24.98	99.8	
10-26-26		60144	10.32	26.39	26	100.75	
26-10-18		60145	25.59	10.04	18.54	100.23	
19-19-19		60347	19.36	18.22	20.15	99.27	
24-00-17		60348	23.53		19.04	102.48	
20-10-19		60362	18.43	19.40	15.48	109.97	
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Warner Fertilizer - Nancy Nancy ,KY							
17-11-22		59162	17.05	20.48	24.65	124.78	
18-18-18		59163	18.39	16.19	17.02	96.9	
18-18-18		59164	18.25	17.61	17.4	100.04	
19-19-20		59165	26.44	22.5	8.55	100.41	
19-19-19		59166	18.95	20.02	20.57	104.36	
19-19-19		59523	19.53	20.82	18.45	101.36	
14-10-33		59524	12.91	10.3	34.76	102.38	
19-19-19		59525	18.87	20.71	19.83	102.25	
17-22-17		59526	16.56	22.47	17.53	101.32	
18-18-18		59527	17.26	18.28	18.55	101.49	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Warner Fertilizer - Russell Springs Russell Springs ,KY							
19-19-19		59528	19.20	20.32	19.24	101.16	
19-19-19		59529	18.67	20.74	19.46	103.3	
14-00-37		59531	13.79		38.38	102.05	*
26-12-17		59532	25.15	12	18.38	101.6	
19-19-19		59533	19.43	21.33	18.71	102.52	
19-19-19		59534	19.00	20.78	19.71	102.42	
19-19-19		59535	19.75	20.6	18.46	101.38	
19-19-19		59536	19.19	20.21	19.22	100.95	
19-19-19		59537	19.45	20.24	19.49	101.92	
19-19-19		59796	18.69	19.73	19.37	101.99	
Warner Fertilizer - Somerset Somerset ,KY							
18-46-00	'DAP	58402	17.82	45.27		98.58	
00-00-60	'MOP	58403			59.71	99.52	
46-00-00	'Urea	58404	46.18			100.39	
46-00-00	'Urea	58405	46.10			100.22	
18-46-00	'DAP	58406	18.06	45		98.53	
18-46-00	'DAP	58407	18.23	45.34		99.33	
24-10-10	'24-10-10 Blend	58408	23.73	10.76	10.26	101.69	
46-00-00	'Urea	58421	46.15			100.33	
00-00-60	'MOP	58422			60.97	101.62	
18-46-00	'DAP	58423	18.51	47.24		102.73	
19-19-19	'19-19-19	58427	19.55	20.87	16.56	100.3	
46-00-00	'Urea	58428	46.13			100.28	
18-46-00	'DAP	58429	17.39	45.49		98.25	
18-46-00	'DAP	58430	17.5	46.54		100.06	
00-00-60	'MOP	58431			60.25	100.42	
18-46-00	'DAP	58432	17.39	45.35		98.03	
00-00-60	'MOP	58433			60.36	100.6	
46-00-00	'Urea	58438	46.09			100.2	
00-00-60	'MOP	58439			60.1	100.17	
46-00-00	'Urea	58440	46.20			100.43	
18-46-00	'DAP	58441	18.2	46.27		100.73	
18-46-00	'DAP	58442	17.52	44.97		97.64	
19-19-19	'19-19-19	58443	18.31	20.85	19.59	103.07	
12-24-24	'12-24-24	58444	13.04	26.93	22.36	104.22	
46-00-00	'Urea	58451	46.20			100.43	
18-46-00	'DAP	58452	18.04	45.43		99.17	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	58453			60.1	100.17	
18-46-00	'DAP	58454	17.70	45.81		99.23	
00-00-60	'MOP	58455			60.47	100.78	
46-00-00	'Urea	58551	46.20			100.43	
18-46-00	'DAP	58552	18.38	45.67		100.08	
00-00-60	'MOP	58553			60.95	101.58	
00-00-60	'MOP	58554			60.4	100.67	
18-46-00	'DAP	58555	18.65	46.01		101.03	
18-46-00	'DAP	58628	17.15	45.57		98	
00-00-60	'MOP	58629			60.04	100.07	
18-46-00	'DAP	58630	17.42	46.16		99.34	
00-00-60	'MOP	58631			60.78	101.3	
46-00-00	'Urea	58632	46.20			100.43	
18-46-00	'DAP	58640	17.22	45.66		98.25	
46-00-00	'Urea	58641	46.07			100.15	
00-00-60	'MOP	58642			60.07	100.12	
34-00-00	'AN	58643	34.00			100	
00-00-50	'SOP	58644			50.81	101.62	
46-00-00	'Urea	58645	46.06			100.13	
46-00-00	'Urea	58646	45.53			98.98	
18-46-00	'DAP	58647	17.38	46.8		100.28	
00-00-60	'MOP	58648			61.08	101.8	
00-00-60	'MOP	58649			60.48	100.8	
00-00-60	'MOP	58650			61.28	102.13	
21-15-20		58651	20.10	16.16	20.85	100.7	
00-00-60	'MOP	58750			59.81	99.68	
00-00-60	'MOP	58751			60.42	100.7	
18-46-00	'DAP	58752	17.74	45.28		98.47	
18-46-00	'DAP	58753	16.91	46.13		98.5	
46-00-00	'Urea	58754	46.20			100.43	
46-00-00	'Urea	58755	46.17			100.37	
18-46-00	'DAP	58756	17.86	46.59		100.7	
07-20-20	'7-20-20	58757	8.70	22.44	20.18	109.47	
19-19-19	'19-19-19	58758	18.83	20.52	19.58	103.39	
46-00-00	'Urea	58842	46.15			100.33	
46-00-00	'Urea	58843	45.98			99.96	
18-46-00	'DAP	58844	17.4	44.82		97.22	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58845	18.17	45.37		99.28	
00-00-60	'MOP	58846			59.5	99.17	
21-00-00	'AS	58847	20.61			98.14	*
19-19-19	'19-19-19	58923	18.33	19.15	18.94	98.96	
46-00-00	'Urea	58924	46.12			100.26	
46-00-00	'Urea	58925	46.09			100.2	
18-46-00	'DAP	58926	17.44	45.64		98.56	
00-00-60	'MOP	58927			59.21	98.68	
19-19-19	'19-19-19	58928	18.89	19.6	18.69	100.37	
07-20-20	'7-20-20	58929	9.29	21.54	19.94	108.3	
46-00-00	'Urea	59461	46.20			100.43	
18-46-00	'DAP	59462	17.80	46.5		100.47	
00-00-60	'MOP	59463			59.94	99.9	
18-46-00	'DAP	59518	17.90	45.85		99.61	
46-00-00	'Urea	59721	46.00			100	
22-12-22		59722	20.68	12.55	23.83	102.27	
46-00-00	'Urea	59748	46.05			100.11	
07-20-20	'Warnco	59749	8.41	22.15	19.14	106.08	
15-15-15	'Warnco	59750	15.40	15.29	17.92	107.72	
29-09-14		59970	25.88	10.24	17.84	103.16	
22-12-22		59971	20.95	11.43	23.8	100.7	
19-19-19		59972	18.33	18.22	22.04	100.5	
29-09-14		59973	26.31	10.94	16.90	103.67	
34-00-00		59974	32.93			98.3	*
13-07-32		59975	13.02	7.07	32.19	99.68	*
13-07-32		59976	13.23	7.34	31.8	99.92	*
29-10-13		59977	27.96	10.94	14.59	102.11	
29-09-14		59978	27.97	9.83	14.76	100.87	
29-09-14		59979	28.18	9.56	15.32	101.77	
18-18-18		59980	18.21	16.24	18.32	98.96	
00-00-50	'SOP	60342			50.22	100.44	
34-00-00	'AN	60343	34.42			101.24	
Warner Fertilizer - Stanford Stanford ,KY							
19-19-19		59747	19.55	20.79	19.42	102.94	
20-10-20		60007	19.71	10.49	20.4	101.4	
20-10-20		60008	19.98	10.04	21.11	102.67	
29-07-17		60009	27.92	7.12	18.93	102.47	

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-09-40		60010	9.65	8.74	40.5	99.95	
12-14-11		60011	13.11	13.26	12.72	104.62	
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Warner Fertilizer - Tompkinsville Tompkinsville ,KY							
24-21-12		59454	24.66	21.09	11.64	100.39	
27-14-14		59455	26.58	15.08	14.33	102.62	
28-00-24		59456	27.32		23.97	99.38	
28-00-24		59457	27.03		24.3	99.41	
19-19-19		59458	18.70	19.62	18.93	101.92	
19-19-19		59459	19.43	21.91	18.03	102.39	
23-23-11		59460	23.03	23.94	11.77	101.89	
19-19-19		59590	18.85	20.15	19.97	101.45	
19-19-19		59591	19.44	19.12	18.14	97.69	
28-13-13		59592	27.46	13.38	13.53	100.08	
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Waterway Ag Inc Metropolis ,IL							
32-00-00	'UAN	58465	31.93			99.78	
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White River LLC Loogootee ,IN							
32-00-00	'32-0-0	60376	32.01			0.00	
<hr/>							
Winfield Solutions, LLC Saint Paul ,MN							
18-24-06	'Groundworks 18-24-6	60191	18.49	25.16	6.93	105.28	
12-12-12	'Groundworks 12-12-12	60192	8.98	11.36	11.35	87.86	
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Woodford Feed Company, Inc. Versailles ,KY							
00-00-60	'MOP	58745			61.33	102.22	
00-00-60	'MOP	58746			60.31	100.52	
18-46-00	'DAP	58747	17.76	45.97		99.58	
46-00-00	'Urea	58748	46.20			100.43	
31-00-20		59788	29.58		21.19	100.02	
21-15-20		59789	20.99	15.01	20.51	99.66	
16-18-24		59790	16.33	18.39	24.21	100.2	
04-10-41		59791	3.93	9.96	40.83	98.62	*
04-10-41		59792	4.05	10.65	40.86	100.22	*
00-00-60	'MOP	59793			61.2	102	
18-46-00	'DAP	59881	17.7	46.06		99.62	
20-00-00	'AS	59882	20.2			101	*
04-10-41		59883	4.13	10.72	39.75	98.50	*
40-00-00		59884	38.87			97.47	*
40-00-00		59885	40.88			102.51	*
19-06-22		59886	19.55	5.4	22.81	101.63	*

Values in bold are deficient.

* Refer to Table 3

TABLE 2: DETAILED INSPECTION REPORTS

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-06-22		59887	18.64	5.8	23.67	101.69	*
19-06-22		59888	18.79	5.7	23.47	101.96	*
00-00-60	'MOP	59889			59.66	99.43	
00-00-60	'MOP	60160			59.54	99.23	
00-00-50	'SOP	60161			51.51	103.02	
18-46-00	'DAP	60162	17.15	45.35		97.66	
46-00-00	'Urea	60163	46.09			100.2	
00-00-60	'MOP	60366			63.39	105.65	
18-46-00	'DAP	60367	17.81	45.65		99.16	

Values in bold are deficient.

* Refer to Table 3

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Table 3

Detailed Inspection Report Results Secondary and Micro Nutrients

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
Advanced Micronutrient Products Reese ,MI										
58837	00-00-00	Brand: 'AMP NuBor 10								
		Guarantee:	10	5	1.5	10				
		Found:	8.30	5.508	5.029	9.403				
59876 02-00-00 Brand: 'AMP EZ20 Essential Zinc										
		Guarantee:			14					20
		Found:			14.98					21.73
Ag Distributors Inc Nashville ,TN										
60073	00-00-22	Brand: '0-0-22								
		Guarantee:			22					
		Found:			23.75					
Agri-Business Tech Inc Albany ,GA										
58331	12-48-08	Brand: 'Perfect Pond Plus Fish Pond Fertilizer								
		Guarantee:				0.02	0.05	0.1	0.05	0.05
		Found:				0.0196	0.0427	0.132	0.0537	0.0468
Agri-Chem - Hopkinsville Hopkinsville ,KY										
58276	05-25-30									
		Guarantee:								0.4529
		Found:								0.446
58277	05-25-30									
		Guarantee:								0.4529
		Found:								0.646
Agriport Terminal Eddyville ,KY										
57953	00-00-22	Brand: 'SPM								
		Guarantee:		10.5	21					
		Found:		10.59	22.21					
58045	06-28-28									
		Guarantee:								0.261
		Found:								0.273
58046	04-20-37									
		Guarantee:								0.4395
		Found:								0.401
58069	05-25-30									
		Guarantee:								0.498
		Found:								0.561
58219	12-40-00	Brand: 'MES Z								
		Guarantee:			10					1
		Found:			10.4					0.895248

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58615	00-00-22	Brand: 'K-Mag								
		Guarantee:		10.5	21					
		Found:	<input type="text"/>	9.84	21.18					
Ballard County Coop., Inc. La Center ,KY										
59331	20-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.46					
59332	20-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.25					
59337	13-20-20									
		Guarantee:			5.7143					
		Found:	<input type="text"/>		6.305					
59338	13-20-20									
		Guarantee:			5.7143					
		Found:	<input type="text"/>		6.43					
59367	13-20-20									
		Guarantee:			5.7143					
		Found:	<input type="text"/>		7.05					
59368	13-20-20									
		Guarantee:			5.7143					
		Found:	<input type="text"/>		6.89					
59369	13-20-20									
		Guarantee:			5.7143					
		Found:	<input type="text"/>		6.63					
Bandana Ag, Inc. La Center ,KY										
57966	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.492					
58348	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.52					
59372	10-18-28									
		Guarantee:			2.3529					
		Found:	<input type="text"/>		2.251					
59373	10-18-28									
		Guarantee:			2.3529					
		Found:	<input type="text"/>		2.24					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59696	10-18-28									
		Guarantee:			2.3529					
		Found:	<input type="text"/>		2.373					
59697	10-18-28									
		Guarantee:			2.3529					
		Found:	<input type="text"/>		2.717					
Black Gold EnviroSAFE Arcadia ,FL										
60180	08-05-05	Brand: 'Dynamite Mater Magic								
		Guarantee:	4		1					
		Found:	3.481		2.756					
60369	08-05-05	Brand: 'Dynamite Mater Magic								
		Guarantee:	4		1.6					
		Found:	<input type="text" value="7.178"/>		3.57					
C.D. Poore Fertilizer Albany ,KY										
58447	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.5141					
60237	19-10-13									
		Guarantee:			3.5054					0.5258
		Found:	<input type="text"/>		4.449					0.503
60326	13-16-21									
		Guarantee:			7.5789					
		Found:	<input type="text"/>		7.752					
60334	15-08-14									
		Guarantee:			4.2353					
		Found:	<input type="text"/>		4.771					
60335	15-08-14									
		Guarantee:			4.2353					
		Found:	<input type="text"/>		4.37					
60336	15-08-14									
		Guarantee:			4.2353					
		Found:	<input type="text"/>		4.701					
Cameron Chemicals Inc Virginia Beach ,VA										
59530	00-00-00	Brand: 'Zinc 36%								
		Guarantee:								36
		Found:	<input type="text"/>							35.6301
59807	00-00-00	Brand: 'Zinc								
		Guarantee:								36
		Found:	<input type="text"/>							37.5887

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	59808	00-00-00	Brand: 'Magnesium							
			Guarantee:	36						
			Found:	35.8						
	59809	00-00-00	Brand: 'Corn Mix							
			Guarantee:		5	1	1		5	20
			Found:		11.29	1.1	1.712		5.954	21.5368
	60126	00-00-00	Brand: 'Boron 15							
			Guarantee:			15				
			Found:			14.3				
	60127	00-00-00	Brand: 'Cameron Micronutrients Magnesium 36							
			Guarantee:	36		3				
			Found:	30.51	6.383					
	60132	00-00-00	Brand: 'Cameron Micronutrients Magnesium 36							
			Guarantee:	36		3				
			Found:	30.5	5.125					
Central Crop Care Crab Orchard ,KY										
	59661	20-00-29	Brand: 'AS							
			Guarantee:	1.2088	2.4176					0.396
			Found:	1.276	2.848					0.381
	60272	00-00-22	Brand: 'K-Mag							
			Guarantee:	10.8	22					
			Found:	10.86	21.51					
	60275	21-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		23.95					
Central Garden & Pet Garden Division Atlanta ,GA										
	60202	15-10-10	Brand: 'Pennington Color Blooms & Bulb							
			Guarantee:	1		1		2		
			Found:	2.234		10.14		1.809		
	60203	10-08-06	Brand: 'Pennington Azalea Camellia & Rhododendron							
			Guarantee:	7	0.8	8	0.05	2	0.05	0.05
			Found:	11.69	2.256	10.33	0.0604	2.65	0.0726	0.0696
	60204	10-10-10	Brand: 'Pennington All Purpose							
			Guarantee:	5	0.8	1	0.05	2	0.05	0.05
			Found:	6.52	4.502	5.745	0.0614	3.554	0.0792	0.069
CHS Crop Nutrients - Owensboro Owensboro ,KY										
	58868	21-00-00	Brand: 'AS							
			Guarantee:		24					
			Found:		23.06					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58908	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.54					
58910	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.5					
Clements Ag Supply Springfield ,KY										
60246	41-00-00									
		Guarantee:			4.6667					
		Found:	<input type="text"/>		4.82					
60247	41-00-00									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.507					
60248	04-11-29									
		Guarantee:				0.5319				
		Found:	<input type="text"/>			0.487				
60250	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.86					
CNI Agriminerals, LLC Albany ,GA										
60133	00-00-00	Brand: 'Ag Min Zinc 36%								
		Guarantee:			3			8		36
		Found:	<input type="text"/>		3.954			10.06		37.5
Darling Ingredients Inc - Irving TX Irving ,TX										
58284	27-00-02	Brand: 'Nature Safe 27-0-2								
		Guarantee:	1							
		Found:	<input type="text" value="1.038"/>							
58285	21-03-07	Brand: 'Nature Safe 21-3-7								
		Guarantee:	2		2					
		Found:	<input type="text" value="2.405"/>		3.869					
58286	18-00-04	Brand: 'Nature Safe 18-0-4								
		Guarantee:			3					
		Found:	<input type="text"/>		4.713					
58287	16-00-02	Brand: 'Nature Safe 16-0-2								
		Guarantee:	1		2					
		Found:	<input type="text" value="4.934"/>		4.059					
58289	12-02-06	Brand: 'Nature Safe 12-2-6								
		Guarantee:	2		8					
		Found:	<input type="text" value="2.992"/>		8.674					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
58290	10-02-08	Brand: 'Nature Safe 10-2-8								
		Guarantee: 1.8			3					
		Found: 2.312			4.701					
58291	10-00-08	Brand: 'Nature Safe 10-0-8								
		Guarantee: 1.8			3					
		Found: 3.031			5.155					
58297	08-03-05	Brand: 'Nature Safe 8-3-5								
		Guarantee: 3	2.2	4						
		Found: 4.073	2.648	4.949						
58298	05-06-06	Brand: 'Nature Safe 5-6-6								
		Guarantee: 5	1.5	4						
		Found: 5.927	4.724	8.82						
58299	07-12-00	Brand: 'Nature Safe 7-12-0								
		Guarantee: 10								
		Found: 14.22								
58300	09-06-01	Brand: 'Nature Safe 9-6-1								
		Guarantee: 5								
		Found: 7.855								
Dr. Earth Inc Winters ,CA										
60179	04-06-03	Brand: 'Dr. Earth Organic 4-6-3 Tomato Veg & Herb								
		Guarantee: 7.5								
		Found: 8.143								
60368	04-06-03	Brand: 'Dr. Earth Home Grown Tomato Vegetable and Herb Fertilizer								
		Guarantee: 7.5								
		Found: 9.268								
Easy Gardener Waco ,TX										
58516	04-04-04	Brand: 'Jobes Organics All-Purpose 4-4-4								
		Guarantee: 8	0.5	1.4						
		Found: 13.78	0.873	2.037						
60176	03-04-03	Brand: 'Jobes Rose & Flower								
		Guarantee: 9	0.5	1						
		Found: 10.39	0.556	1.035						
60242	03-05-04	Brand: 'Jobes Annuals & Perennials								
		Guarantee: 8	0.5	1.6						
		Found: 15.71	0.816	1.918						
Eau Claire CO-OP Oil Company Eau Claire ,WI										
58000	22-00-10	Brand: 'Menards Fall Lawn 22-0-10								
		Guarantee:								
		Found:						1	0.805	

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58001	15-23-10	Brand: 'Menards Starter 15-23-10								
		Guarantee:						1		
		Found:						1.614		
58391	30-00-03	Brand: 'Menards Premium Lawn Food 30-0-3								
		Guarantee:						1		
		Found:						0.969		
EcoScraps Marysville ,OH										
60200	05-04-06	Brand: 'Tomato Herb & Veg								
		Guarantee:	1							
		Found:	14.82							
Encap, LLC Green Bay ,WI										
58393	00-00-00	Brand: 'Encap Fast Acting Iron								
		Guarantee:	11		31			9.9		
		Found:	11.65		41.05			9.042		
Espoma Company Millville ,NJ										
58515	03-04-04	Brand: 'Espoma Organic Garden-Tone Herb & Vegetable 3-4-4								
		Guarantee:	5	1	2					
		Found:	8.883	2.056	3.438					
60243	04-03-03	Brand: 'Bio-Tone Starter Plus								
		Guarantee:	3	1	1					
		Found:	8.818	1.138	1.341					
60244	03-04-06	Brand: 'Tomato-Tone								
		Guarantee:	8		3					
		Found:	11.28		3.773					
60245	05-03-03	Brand: 'Plant Tone All Purpose								
		Guarantee:	3	1	1					
		Found:	8.538	1.278	2.112					
Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY										
58825	39-00-00									
		Guarantee:			6.6667					
		Found:			6.152					
Ferti Technologies Saint-Michael ,QC										
60297	00-00-00	Brand: 'Fast Acting Lime								
		Guarantee:	36	0.05						
		Found:	35.8	0.777						
Fleming County Farm Supply Flemingsburg ,KY										
58900	21-00-00	Brand: 'AS								
		Guarantee:						24		
		Found:						24.12		

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59021	21-00-00	Brand: 'AS Guarantee: Found:			24 23.68					
59426	15-00-00	Guarantee: Found:			8 8.48					
59428	10-21-20	Guarantee: Found:			6.6 6.93					
60080	21-00-00	Brand: 'AS Guarantee: Found:			24 24.01					
60112	21-00-00	Brand: 'AS Guarantee: Found:			24 25.01					
60124	21-00-00	Brand: 'AS Guarantee: Found:			24 24.93					
Gaskins Fertilizer Russell Springs ,KY										
58547	21-00-00	Brand: 'AMS Guarantee: Found:			24 24.13					
59798	13-18-24	Guarantee: Found:			3.2 4.074					
59799	13-18-24	Guarantee: Found:			3.2 4.371					
59800	26-00-16	Guarantee: Found:			6.4464 7.647	0.027 0.0277	0.027 0.0274		0.1349 0.12	0.5394 0.436
59801	20-16-16	Guarantee: Found:			3.6641 4.68					
59802	26-11-12	Guarantee: Found:			3.8102 4.765					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59803	26-11-12	Guarantee:			3.8102					
		Found:	<input type="text"/>		4.697					
59804	17-15-20	Guarantee:			4.0388					
		Found:	<input type="text"/>		4.824					
59805	17-15-20	Guarantee:			4.0388					
		Found:	<input type="text"/>		5.104					
59806	17-15-20	Guarantee:			4.0388					
		Found:	<input type="text"/>		4.814					
Gro Tec Inc Madison ,GA										
57946	04-03-00	Brand: 'ProCare Natural Fertilizer								
		Guarantee:	3.4		1			1.5		
		Found:	<input type="text" value="3.459"/>		1.007			1.714		
57957	32-00-10	Brand: 'Sta-Green Winterizer Fertilizer								
		Guarantee:			1.4					
		Found:	<input type="text"/>		1.336					
58293	32-00-10	Brand: 'Sta-Green Winterizer 32-0-10								
		Guarantee:			1.4					
		Found:	<input type="text"/>		1.579					
58530	12-05-07	Brand: 'Expert Gardener All-Purpose 12-5-7								
		Guarantee:						0.5	0.2	0.05
		Found:	<input type="text"/>					0.892	0.251	0.0749
58532	16-04-08	Brand: 'Expert Gardener Evergreen Tree and Shrub 16-4-8								
		Guarantee:						1	0.2	0.05
		Found:	<input type="text"/>					2.38	0.289	0.0805
58545	16-04-08	Brand: 'Evergreen Tree and Shrub								
		Guarantee:						1	0.2	0.05
		Found:	<input type="text"/>					1.642	0.247	0.0645
58546	12-05-07	Brand: 'All Purpose Plant Food								
		Guarantee:						0.5	0.2	0.05
		Found:	<input type="text"/>					0.833	0.2	0.0523
58618	24-08-16	Brand: 'Sta-Green Plant Food 24-8-16								
		Guarantee:				0.02	0.07	0.15	0.05	0.06
		Found:	<input type="text"/>			0.0238	0.0593	0.133	0.0468	0.0554

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	58619	19-06-12	Brand: 'Sta-Green All Purpose 19-6-12							
			Guarantee:		4.6					
			Found:	<input type="text"/>	5.084					
	60074	12-06-10	Brand: 'Rose Food							
			Guarantee:	3	1	7		1	0.2	0.05
			Found:	<input type="text" value="7.999"/>	2.282	9.035		2.386	0.35	0.0921
	60076	12-10-05	Brand: 'Tomato & Vegetable							
			Guarantee:	3	2	7		1	0.2	0.05
			Found:	<input type="text" value="7.418"/>	4.216	8.637		1.814	0.248	0.0657
	60077	12-05-07	Brand: 'All Purpose							
			Guarantee:					0.5	0.2	0.05
			Found:	<input type="text"/>				0.949	0.216	0.0554
	60201	19-06-12	Brand: 'Sta Green All Purpose							
			Guarantee:		4.6					
			Found:	<input type="text"/>	4.967					
	60295	12-05-07	Brand: 'Expert Gardener All Purpose Plant Food 12-5-7							
			Guarantee:					0.5	0.2	0.05
			Found:	<input type="text"/>				0.6	0.112	0.0299
Helena Agri-Enterprises - Hazel Hazel ,KY										
	58173	07-19-35								
			Guarantee:							0.1108
			Found:	<input type="text"/>						0.101
	58174	09-10-40								
			Guarantee:							0.1286
			Found:	<input type="text"/>						0.0887
	58175	06-15-22								
			Guarantee:							0.081
			Found:	<input type="text"/>						0.0764
	58176	06-15-22								
			Guarantee:							0.081
			Found:	<input type="text"/>						0.0696
	58177	06-15-22								
			Guarantee:							0.0818
			Found:	<input type="text"/>						0.0733175
	58178	06-15-22								
			Guarantee:							0.0818
			Found:	<input type="text"/>						0.072

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58179	06-15-22	Guarantee:								0.0818
		Found:	<input type="text"/>							0.0703
59815	08-11-36	Guarantee:		1.4451	3.0278					0.0762
		Found:	<input type="text"/>	1.826	3.926					0.0402
59816	08-11-36	Guarantee:		1.4451	3.0278					0.0762
		Found:	<input type="text"/>	1.866	4.152					0.0398
59817	08-11-36	Guarantee:		1.4451	3.0278					0.0762
		Found:	<input type="text"/>	1.826	3.736					0.0406
Helena Agri-Enterprises, LLC - Collierville Collierville ,TN										
58010	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.81					
58011	00-00-22	Brand: 'KMag								
		Guarantee:		10.8	22					
		Found:	<input type="text"/>	11.16	24.52					
58337	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		26.35					
58586	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.4					
58587	00-00-22	Brand: 'K Mag								
		Guarantee:		10.8	22					
		Found:	<input type="text"/>	10.68	22.74					
60403	00-00-00	Brand: 'Tracite Liquid Boron 10%								
		Guarantee:				10				
		Found:	<input type="text"/>			10.36				
60404	10-05-00	Brand: 'Ele-Max Sulfur LC 10-5-0								
		Guarantee:			10	0.04				
		Found:	<input type="text"/>		10.09	0.0519				
60405	11-06-05	Brand: 'ENC Flex 11-6-5								
		Guarantee:				0.02	0.05	0.1	0.05	0.05
		Found:	<input type="text"/>			0.0244	0.0451	0.0863	0.0453	0.0498

Helm Fertilizer Company Administrative Offices Tampa ,FL

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58570	20-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:			24.11					
Henry Farmers Cooperative - Murray Murray ,KY										
59237	30-08-10									
		Guarantee:			3.9955					
		Found:			3.458					
59582	15-17-23									
		Guarantee:	0.1352		2.0277	0.0282				0.1689
		Found:	0.321		2.423	0.0213				0.128
59583	06-15-39									
		Guarantee:	0.1934		0.3223	0.0403				0.2417
		Found:	0.572		1.152	0.0650				0.37
59587	19-16-21									
		Guarantee:	0.1409		0.2348	0.0293				0.1761
		Found:	0.44		0.964	0.0350				0.24
Henry Farmers Cooperative - Paris Paris ,TN										
58578	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:			23.83					
Hinton Mills at Cynthiana Cynthiana ,KY										
59751	34-00-00									
		Guarantee:			12					
		Found:			12.35					
59755	03-08-49									
		Guarantee:				0.2041				
		Found:				0.1790				
59756	12-07-26									
		Guarantee:			10.2857					
		Found:			11.56					
Hydrite Chemical Company Brookville ,WI										
59104	04-00-00	Brand: 'Hydri-Gro Zn 4.5-0-0								
		Guarantee:								9
		Found:								8.6
IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres ,M										
58318	04-04-04	Brand: 'Burpee All Purpose Plant Food 4-4-4								
		Guarantee:	5	0.8	1			0.3	0.05	
		Found:	4.604	0.816	1.367			0.36	0.0345	

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58529	05-04-04	Brand: 'Expert Gardener Organics All-Purpose 5-4-4								
		Guarantee:	8	1	1.4					
		Found:	7.884	1.245	2.823					
58556	06-08-00	Brand: 'Burpee Natural and Organic Bone Meal								
		Guarantee:	7							
		Found:	8.076							
Innvictis Crop Care LLC Loveland ,CO										
59359	20-00-06	Brand: 'Novus K								
		Guarantee:			3	0.25		0.1		
		Found:			3.45	0.2520		0.103		
59360	10-20-05	Brand: 'Captivate								
		Guarantee:			1					0.43
		Found:			1.031					0.388
J. R. Peters Allentown ,PA										
60363	20-20-20	Brand: 'Jacks Classic All Purpose 20-20-20								
		Guarantee:				0.02	0.05	0.1	0.05	0.05
		Found:				0.0288	0.0515	0.108	0.0581	0.059
Janes Fertilizer & Farm Supply Columbia ,KY										
59168	19-07-26									
		Guarantee:			2.6054					
		Found:			2.875					
59169	19-07-26									
		Guarantee:			2.6054					
		Found:			2.863					
JM Fertilizer Tampa ,FL										
58057	00-00-00	Brand: 'Sulphur Bentonite (0-0-0 + 90S)								
		Guarantee:			90					
		Found:			91.96					
Kee's Farm Service & Supply, LLC. Grayson ,KY										
60130	05-13-42									
		Guarantee:				0.4322				
		Found:				0.4020				
60131	05-13-42									
		Guarantee:				0.4337				
		Found:				0.4010				
60134	08-20-33									
		Guarantee:				0.1644				
		Found:				0.1830				

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60135	06-15-37									
		Guarantee:				0.4538				1.089
		Found:	<input type="text"/>			0.4110				1.107
60136	06-15-37									
		Guarantee:				0.4607				1.1057
		Found:	<input type="text"/>			0.4720				1.052
Keg River Chemical Corporation Edmonton ,AB										
58445	00-00-00	Brand: 'Sulfur								
		Guarantee:			90					
		Found:	<input type="text"/>		92.42					
Kentucky American Seeds - Madisonville Madisonville ,KY										
60374	31-00-00									
		Guarantee:			0.6318	0.0316				
		Found:	<input type="text"/>		0.406	0.0186				
Knox Fertilizer Company Inc Knox ,IN										
58392	16-12-12	Brand: 'Schultz All Purpose 16-12-12								
		Guarantee:			2.1	0.02	0.05	1.11	0.05	0.05
		Found:	<input type="text"/>		3.322	0.0209	0.0416	2.234	0.0521	0.199
Lesco Inc. Cleveland ,OH										
58076	32-00-03	Brand: 'Lesco Prof. Fertilizer								
		Guarantee:						1		
		Found:	<input type="text"/>					0.941		
58856	21-00-00	Brand: 'AS Lesco Professional Turf Fertilizer								
		Guarantee:			20					
		Found:	<input type="text"/>		22.02					
Loveland Products, Inc. Greeley ,CO										
58852	07-17-03	Brand: 'Riser 7-17-3								
		Guarantee:					0.07	0.2	0.06	0.95
		Found:	<input type="text"/>				0.0937	0.232	0.0632	0.912
58853	07-17-03	Brand: 'Riser 7-17-3								
		Guarantee:					0.07	0.2	0.06	0.95
		Found:	<input type="text"/>				0.0648	0.221	0.0626	0.905
58854	07-17-03	Brand: 'Riser 7-17-3								
		Guarantee:					0.07	0.2	0.06	0.95
		Found:	<input type="text"/>				0.0615	0.21	0.0592	0.86
60406	10-04-06	Brand: 'NutriSync Complete 3D 10-4-6								
		Guarantee:				0.02	0.05	0.1	0.05	0.05
		Found:	<input type="text"/>			0.0287	.0400245	0.869838	.0433142	0.429757

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60407	00-00-00	Brand: 'NutriSync Boron								
		Guarantee:				5				
		Found:	<input type="text"/>			5.473				
Marshall County Coop Benton ,KY										
59232	30-00-00	Brand: '30-0-0 w/ 6S								
		Guarantee:				6				
		Found:	<input type="text"/>			6.691				
59234	18-18-15									
		Guarantee:				2.1067				
		Found:	<input type="text"/>			3.194				
59235	18-19-15									
		Guarantee:				2.0948				
		Found:	<input type="text"/>			3.189				
59325	18-18-15									
		Guarantee:				2.13				
		Found:	<input type="text"/>			3.383				
59326	15-17-20									
		Guarantee:				1.733				
		Found:	<input type="text"/>			2.691				
59327	20-09-15									
		Guarantee:				3.3666				
		Found:	<input type="text"/>			4.31				
Mays Lick Mill Mayslick ,KY										
59421	05-14-33									
		Guarantee:				0.3834				
		Found:	<input type="text"/>			0.3360				
59422	40-00-00									
		Guarantee:				6				
		Found:	<input type="text"/>			6.28				
59434	33-00-00									
		Guarantee:				12.9231				
		Found:	<input type="text"/>			13.7				
59435	24-00-00									
		Guarantee:				5.9305				
		Found:	<input type="text"/>			6.08				
59436	22-00-00									
		Guarantee:				6.6494				
		Found:	<input type="text"/>			7.285				

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59438	14-00-19									
		Guarantee:			2.7097					
		Found:	<input type="text"/>		3					
59439	36-00-00									
		Guarantee:			9.4118					
		Found:	<input type="text"/>		9.848					
59441	34-00-00									
		Guarantee:			12					
		Found:	<input type="text"/>		11.89					
Miracle-Gro Lawn Products, Inc. Marysville ,OH										
58519	11-03-08	Brand: 'Miracle-Gro Performance Organics All Purpose 11-3-8								
		Guarantee:	3				0.05	0.1	0.05	0.05
		Found:	<input type="text" value="4.567"/>				0.117	0.205	0.09	0.105
60296	09-02-07	Brand: 'Performance Organics All Purpose								
		Guarantee:	2	0.5	1					
		Found:	<input type="text" value="2.511"/>	0.746	1.993					
Monty's Plant Food Louisville ,KY										
60365	08-16-08	Brand: 'Monty s Plant Vantage Premium Growth								
		Guarantee:						0.3		0.05
		Found:	<input type="text"/>					0.288		0.0538
Nutrien Ag Solutions - Russellville Russellville ,KY										
58031	10-28-22									
		Guarantee:			2.7273					
		Found:	<input type="text"/>		3.441					
58032	10-28-22									
		Guarantee:			2.7273					
		Found:	<input type="text"/>		3.498					
58033	08-23-28									
		Guarantee:			3.0769					
		Found:	<input type="text"/>		3.782					
58034	08-23-28									
		Guarantee:			3.0769					
		Found:	<input type="text"/>		3.736					
58083	10-28-22									
		Guarantee:			2.7273					
		Found:	<input type="text"/>		3.335					
58084	09-23-23									
		Guarantee:		2.0623	4.1247					
		Found:	<input type="text"/>	2.35	4.831					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
58085	09-23-23	Guarantee:	2.0623	4.1247					
		Found:	<input type="text"/>	4.845					
58086	08-23-28	Guarantee:		3.0769					
		Found:	<input type="text"/>	3.346					
58087	10-28-22	Guarantee:		2.7273					
		Found:	<input type="text"/>	3.494					
58149	09-27-22	Guarantee:		3.6363					
		Found:	<input type="text"/>	3.363					
Nutrien Ag Solutions - Campbellsville Campbellsville ,KY									
59794	22-12-18	Guarantee:		2.9973					
		Found:	<input type="text"/>	3.104					
59795	22-12-18	Guarantee:		2.9973					
		Found:	<input type="text"/>	3.272					
59962	26-00-19	Guarantee:		4.792					
		Found:	<input type="text"/>	4.995					
59963	26-00-19	Guarantee:		4.792					
		Found:	<input type="text"/>	4.963					
59964	26-00-19	Guarantee:		4.728					
		Found:	<input type="text"/>	5.105					
59966	14-14-24	Guarantee:		4.8					
		Found:	<input type="text"/>	5.665					
60140	30-10-09	Guarantee:		2.5722					0.2572
		Found:	<input type="text"/>	3.07					0.0051
60141	30-10-09	Guarantee:		2.5722					
		Found:	<input type="text"/>	2.926					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
60142	30-10-09								
		Guarantee:		2.5722					
		Found:	<input type="text"/>	2.966					
Nutrien Ag Solutions - Clarkson Clarkson ,KY									
59273	18-18-17								
		Guarantee:		4.4					
		Found:	<input type="text"/>	4.006					
59451	20-13-19								
		Guarantee:		3.2481					
		Found:	<input type="text"/>	3.601					
59453	19-13-20								
		Guarantee:		3.3333					
		Found:	<input type="text"/>	3.729					
Nutrien Ag Solutions - Clay Clay ,KY									
59638	06-20-30								
		Guarantee:		4.9974					
		Found:	<input type="text"/>	4.834					
59641	26-10-15								
		Guarantee:		2.4987					
		Found:	<input type="text"/>	2.545					
59642	10-18-27								
		Guarantee:		4.4421					
		Found:	<input type="text"/>	4.263					
59643	10-18-27								
		Guarantee:		4.4421					
		Found:	<input type="text"/>	4.595					
59645	06-20-30								
		Guarantee:		4.9974					
		Found:	<input type="text"/>	5.278					
59647	05-16-36								
		Guarantee:		3.9979					
		Found:	<input type="text"/>	4.151					
Nutrien Ag Solutions - Ekron Ekron ,KY									
59988	20-16-16								
		Guarantee:		4					
		Found:	<input type="text"/>	4.94					
59989	16-16-16								
		Guarantee:		3.9154					
		Found:	<input type="text"/>	4.30					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
59990	20-18-14									
		Guarantee:			4.5018					
		Found:	<input type="text"/>		4.65					
59991	22-20-09									
		Guarantee:			4.9894					
		Found:	<input type="text"/>		4.97					
59992	22-20-09									
		Guarantee:			4.9894					
		Found:	<input type="text"/>		4.65					
59993	06-21-28									
		Guarantee:			5.2916					
		Found:	<input type="text"/>		5.90					
59994	06-21-28									
		Guarantee:			5.2916					
		Found:	<input type="text"/>		5.88					
59997	33-08-08									
		Guarantee:			2.0478					
		Found:	<input type="text"/>		2.20					
Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY										
59562	12-19-20									
		Guarantee:			6					
		Found:	<input type="text"/>		7.155					
59563	12-19-20									
		Guarantee:			6					
		Found:	<input type="text"/>		6.948					
Nutrien Ag Solutions - Glasgow Glasgow ,KY										
58692	26-11-13									
		Guarantee:			2.7635					
		Found:	<input type="text"/>		3.23					
59357	27-13-10									
		Guarantee:			3.3338					
		Found:	<input type="text"/>		3.37					
59621	24-11-16									
		Guarantee:			2.7059				0.2706	
		Found:	<input type="text"/>		2.127				0.0058	
59622	24-11-16									
		Guarantee:			2.7059				0.2706	
		Found:	<input type="text"/>		2.23				0.0054	

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59623	24-11-16									
		Guarantee:			2.7059					0.2706
		Found:	<input type="text"/>		2.41					0.0064
59624	24-11-16									
		Guarantee:			2.7059					0.2706
		Found:	<input type="text"/>		2.59					0.0058
Nutrien Ag Solutions - Greeley Greeley ,CO										
57961	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.833					
57993	00-00-58	Brand: 'Aspire								
		Guarantee:				0.5				
		Found:	<input type="text"/>			0.5480				
57995	12-40-00	Brand: 'MES10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.34					
57999	12-40-00	Brand: 'MES10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.56					
58078	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.578					
58094	00-00-22	Brand: 'K Mag								
		Guarantee:		11	22					
		Found:	<input type="text"/>	11.04	22.58					
58095	12-40-00	Brand: 'MEZ								
		Guarantee:			10					1
		Found:	<input type="text"/>		10.34					0.898
58096	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.51					
58126	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.5					
58139	12-40-00	Brand: 'MES10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.05					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
58248	12-40-00	Brand: 'MES 10									
		Guarantee:				10					
		Found:	<input type="text"/>			9.796					
58260	12-40-00	Brand: 'MES 10									
		Guarantee:				10					
		Found:	<input type="text"/>			10.77					
58311	12-40-00	Brand: 'MES									
		Guarantee:				10					
		Found:	<input type="text"/>			9.30					
58376	20-00-00	Brand: 'AS									
		Guarantee:				24					
		Found:	<input type="text"/>			25.18					
58377	12-40-00	Brand: 'MES10									
		Guarantee:				10					
		Found:	<input type="text"/>			9.33					
58418	12-40-00	Brand: 'MES 10									
		Guarantee:				10					
		Found:	<input type="text"/>			11.03					
58456	21-00-00	Brand: 'AS									
		Guarantee:				24					
		Found:	<input type="text"/>			25.13					
58459	12-40-00	Brand: 'MES 10									
		Guarantee:				10					
		Found:	<input type="text"/>			10.2					
58460	00-00-22	Brand: 'K Mag									
		Guarantee:			11	22					
		Found:	<input type="text"/>	11.22		22.36					
58468	21-00-00	Brand: 'AS									
		Guarantee:				24					
		Found:	<input type="text"/>			24					
58480	04-06-32	Brand: 'Agrium Pak 4-6-32									
		Guarantee:	3			10	0.15		0.1		1.5
		Found:	<input type="text" value="3.116"/>			10.48	0.13		0.251		1.988
58482	20-00-00	Brand: 'AS									
		Guarantee:				24					
		Found:	<input type="text"/>			23.5					
58501	12-40-00	Brand: 'MES 10									
		Guarantee:				10					
		Found:	<input type="text"/>			9.625					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58524	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.09					
58576	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.799					
58716	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		12.08					
58730	21-00-00	Brand: 'AMS								
		Guarantee:			24					
		Found:	<input type="text"/>		25					
58731	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.21					
58783	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.332					
58787	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.70					
58850	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.35					
58858	00-00-00	Brand: 'Sul4R Plus B & ZN								
		Guarantee:	18		16	0.5				
		Found:	<input type="text" value="19.3627"/>		16.0	0.508				
58944	00-00-58	Brand: 'Aspire								
		Guarantee:				0.5				
		Found:	<input type="text"/>			0.4680				
58946	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.48					
58995	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.516					
58997	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.877					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59261	20-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.09					
59365	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.1					
59366	00-00-22	Brand: 'K Mag								
		Guarantee:		11	22					
		Found:	<input type="text"/>	10.34	22.8					
59823	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.63					
59825	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.24					
60000	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.11					
60158	12-40-00	Brand: 'MES								
		Guarantee:			10					
		Found:	<input type="text"/>		9.683					
60159	12-40-00	Brand: 'MES								
		Guarantee:			10					
		Found:	<input type="text"/>		10.71					
60215	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.26					
Nutrien Ag Solutions - Hardin Hardin ,KY										
59236	10-00-30									
		Guarantee:			12					
		Found:	<input type="text"/>		12.04					
59818	15-10-13									
		Guarantee:			13.7872					
		Found:	<input type="text"/>		14.65					
59819	06-20-30									
		Guarantee:			5					
		Found:	<input type="text"/>		5.471					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
59820	06-20-30									
		Guarantee:			5					
		Found:	<input type="text"/>		5.383					
Nutrien Ag Solutions - Henderson Henderson ,KY										
58267	07-17-22									
		Guarantee:			1.8219					
		Found:	<input type="text"/>		2.666					
58268	07-17-22									
		Guarantee:			1.8219					
		Found:	<input type="text"/>		2.371					
Nutrien Ag Solutions - Lebanon Lebanon ,KY										
60164	32-00-13									
		Guarantee:			3.3649					
		Found:	<input type="text"/>		4.1					
60166	32-00-13									
		Guarantee:			3.3566					
		Found:	<input type="text"/>		3.519					
60169	41-00-00									
		Guarantee:			4.1264					
		Found:	<input type="text"/>		4.119					
60172	41-00-00									
		Guarantee:			4.1262					
		Found:	<input type="text"/>		3.714					
60173	41-00-00									
		Guarantee:			4.1262					
		Found:	<input type="text"/>		4.252					
Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY										
60379	31-00-00									
		Guarantee:			0.5425		0.008	0.0016	0.0016	
		Found:	<input type="text"/>		0.698		0.0079	0.0026	0.0027	
60380	29-00-00									
		Guarantee:			3.9014					
		Found:	<input type="text"/>		5.324					
60382	26-00-00									
		Brand: 'NexBlu S 26-0-0-2.7S								
		Guarantee:			2.7					
		Found:	<input type="text"/>		1.98					
60387	31-00-00									
		Guarantee:			0.3294		0.0048	0.001	0.001	
		Found:	<input type="text"/>		0.589		0.0048	0.0017	0.0016	
Nutrien Ag Solutions - Morganfield Morganfield ,KY										

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
58133	06-19-33	Guarantee:		2.7383					
		Found:	<input type="text"/>	3.173					
58134	06-19-33	Guarantee:		2.7383					
		Found:	<input type="text"/>	2.582					
58135	06-19-33	Guarantee:		2.7383					
		Found:	<input type="text"/>	3.251					
58136	06-19-33	Guarantee:		2.7383					
		Found:	<input type="text"/>	3.175					
58160	06-19-33	Guarantee:		2.7381					
		Found:	<input type="text"/>	2.95					
58161	06-19-33	Guarantee:		2.7381					
		Found:	<input type="text"/>	3.105					
58162	06-19-33	Guarantee:		2.7381					
		Found:	<input type="text"/>	3.088					
58163	06-19-33	Guarantee:		2.7381					
		Found:	<input type="text"/>	3.175					
58164	06-19-33	Guarantee:		2.7381					
		Found:	<input type="text"/>	3.17					
58165	06-19-33	Guarantee:		2.7381					
		Found:	<input type="text"/>	3.659					
Nutrien Ag Solutions - Pembroke Pembroke ,KY									
58090	09-23-25	Guarantee:		1.375	2.75				
		Found:	<input type="text"/>	1.63	3.339				
58091	09-23-25	Guarantee:		1.375	2.75				
		Found:	<input type="text"/>	1.838	3.786				

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
58115	09-23-25									
		Guarantee:		1.375	2.75					
		Found:	<input type="text"/>	2.027	4.234					
58116	09-23-25									
		Guarantee:		1.375	2.75					
		Found:	<input type="text"/>	2.13	4.149					
58117	09-23-25									
		Guarantee:		1.375	2.75					
		Found:	<input type="text"/>	1.9623	4.2183					
58118	09-23-25									
		Guarantee:		1.375	2.75					
		Found:	<input type="text"/>	1.996	3.718					
Nutrien Ag Solutions - Riverport Owensboro ,KY										
59630	06-20-30									
		Guarantee:			5.0217					
		Found:	<input type="text"/>		5.124					
59633	19-28-00									
		Guarantee:			9.6382					
		Found:	<input type="text"/>		10.16					
59636	06-20-30									
		Guarantee:			5.0198					
		Found:	<input type="text"/>		5.94					
Nutrien Ag Solutions - Sedalia Sedalia ,KY										
59239	06-20-30									
		Guarantee:			5					
		Found:	<input type="text"/>		5.423					
59243	39-00-00									
		Guarantee:			6.8571					
		Found:	<input type="text"/>		7.9391					
Nutrien Ag Solutions - Shelbyville Shelbyville ,KY										
59259	16-00-05									
		Guarantee:	9.9178		8.8158	0.2755				0.8265
		Found:	<input type="text" value="9.57"/>		8.66	0.2970				0.796
59260	16-00-05									
		Guarantee:	9.9178		8.8158	0.2755				0.8265
		Found:	<input type="text" value="10.4"/>		8.3485	0.2870				0.843
59784	22-08-22									
		Guarantee:			1.9985					
		Found:	<input type="text"/>		2.204					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
59785	22-08-22								
		Guarantee:		1.9985					
		Found:	<input type="text"/>	2.4					
Nutrien Ag Solutions - Upton Upton ,KY									
59679	18-18-18								
		Guarantee:		4.4					
		Found:	<input type="text"/>	4.39					
59680	15-15-18								
		Guarantee:		3.8226					
		Found:	<input type="text"/>	4.013					
59681	25-13-13								
		Guarantee:		3.1749					
		Found:	<input type="text"/>	3.076					
59682	25-13-13								
		Guarantee:		3.166					
		Found:	<input type="text"/>	3.444					
59683	25-13-13								
		Guarantee:		3.1802					
		Found:	<input type="text"/>	3.406					
59684	18-18-18								
		Guarantee:		4.4218					
		Found:	<input type="text"/>	4.226					
59685	35-12-00								
		Guarantee:		2.9359					
		Found:	<input type="text"/>	2.808					
59686	35-12-00								
		Guarantee:		2.9359					
		Found:	<input type="text"/>	2.916					
59687	26-12-12								
		Guarantee:		3.0151					
		Found:	<input type="text"/>	3.27					
59688	32-09-09								
		Guarantee:		2.2903					
		Found:	<input type="text"/>	2.178					
Nutrien Ag Solutions - Waverly Waverly ,KY									
58189	06-19-31								
		Guarantee:		4.6654	0.1333				
		Found:	<input type="text"/>	5.25	0.157				

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
58190	06-19-31	Guarantee:		4.6654	0.1333				
		Found:	<input type="text"/>	4.676	0.148				
58194	07-22-27	Guarantee:		5.4498					
		Found:	<input type="text"/>	5.0831					
58195	07-22-27	Guarantee:		5.4498					
		Found:	<input type="text"/>	5.931					
58196	07-22-27	Guarantee:		5.4498					
		Found:	<input type="text"/>	5.338					
58197	07-22-27	Guarantee:		5.4498					
		Found:	<input type="text"/>	5.527					
58198	06-21-28	Guarantee:		5.2942					
		Found:	<input type="text"/>	5.026					
58199	06-21-28	Guarantee:		5.2942					
		Found:	<input type="text"/>	5.28					
58200	06-21-28	Guarantee:		5.2942					
		Found:	<input type="text"/>	5.126					
58238	06-20-30	Guarantee:		5.0004	0.125				
		Found:	<input type="text"/>	5.25	0.146				
58239	06-20-30	Guarantee:		5.0004	0.125				
		Found:	<input type="text"/>	5.352	0.149				
Nutrien Ag Solutions Inc Henderson ,KY									
60053	32-00-00	Guarantee:		0.0987					
		Found:	<input type="text"/>	0.101					
60054	32-00-00	Guarantee:		0.0995					
		Found:	<input type="text"/>	0.114					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60391	31-00-00									
		Guarantee:			0.3733			0.0055	0.0011	0.0011
		Found:	<input type="text"/>		0.316			0.0034	0.0011	0.0011
Otis Bryant & Son, Inc. Caneyville ,KY										
59442	17-17-17									
		Guarantee:			5.16					
		Found:	<input type="text"/>		6.493					
59443	17-17-17									
		Guarantee:			5.16					
		Found:	<input type="text"/>		5.653					
59444	14-14-14									
		Guarantee:			4.3					
		Found:	<input type="text"/>		5.114					
59446	19-14-18									
		Guarantee:			2.9538					
		Found:	<input type="text"/>		3.449					
59449	17-17-17									
		Guarantee:			5.16					
		Found:	<input type="text"/>		5.102					
Parker Farm Supply Port Royal ,KY										
60147	14-00-39									
		Guarantee:			3.2847					
		Found:	<input type="text"/>		3.835					
Parrish Shop & Sales, LLC Henderson ,KY										
59103	07-24-06	Brand: '7-24-6 Plus 4% S Parrish Ortho Max								
		Guarantee:			4					
		Found:	<input type="text"/>		3.792					
Patriot Ag LLC - Clinton Clinton ,KY										
59568	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.485					
59569	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.397					
59570	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.432					
59574	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.13					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59575	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.757					
59576	11-18-24									
		Guarantee:			4.8					
		Found:	<input type="text"/>		5.472					
59577	11-17-24									
		Guarantee:			5.6471					
		Found:	<input type="text"/>		6.564					
59578	11-17-24									
		Guarantee:			5.6471					
		Found:	<input type="text"/>		6.654					
59579	11-17-24									
		Guarantee:			5.6471					
		Found:	<input type="text"/>		6.279					
Patriot Ag LLC - Mayfield Mayfield ,KY										
59036	11-18-24									
		Guarantee:			4.7926					
		Found:	<input type="text"/>		6.809					
PBI Gordon Corp Shawnee ,KS										
58539	20-00-00									
		Brand: 'Gordon s Liquid Lawn & Pasture 20-0-0								
		Guarantee:					0.05		0.05	0.05
		Found:	<input type="text"/>				0.0494		0.0435	0.0506
Pinnacle Ag - Russellville Russellville ,KY										
57977	07-24-17									
		Guarantee:	3.8256		3.0969					
		Found:	<input type="text" value="5.41"/>		3.616					
57978	07-22-21									
		Guarantee:	3.589		2.9054					
		Found:	<input type="text" value="5.193"/>		3.532					
57979	07-22-21									
		Guarantee:	3.589		2.9054					
		Found:	<input type="text" value="5.256"/>		3.476					
57980	07-24-17									
		Guarantee:	3.8256		3.0969					
		Found:	<input type="text" value="6.049"/>		3.755					
57981	07-24-17									
		Guarantee:	3.8256		3.0969					
		Found:	<input type="text" value="5.703"/>		3.663					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
57982	07-24-17	Guarantee:	3.8256		3.0969					
		Found:	5.903		3.676					
57983	07-24-17	Guarantee:	3.8256		3.0969					
		Found:	6.013		3.819					
57984	07-24-17	Guarantee:	3.8256		3.0969					
		Found:	5.964		3.794					
57985	07-24-17	Guarantee:	3.8256		3.0969					
		Found:	5.45		3.936					
57986	07-24-17	Guarantee:	3.8256		3.0969					
		Found:	5.016		3.898					
Pinnacle Agriculture Distribution Inc Loveland ,CO										
58060	00-00-00	Brand: 'SUL4-PLUS								
		Guarantee:	21		17					
		Found:	20.1		17.8					
Pro Ag Sales & Service - Danville Danville ,KY										
60207	35-00-00	Brand: 'Pro Ag								
		Guarantee:			9.5					
		Found:			10.47					
60252	20-10-19									
		Guarantee:			5.0526					
		Found:			5.524					
Pro Solutions - Crofton Crofton ,KY										
58098	08-22-30									
		Guarantee:			2.5					
		Found:			3.475					
58099	08-22-30									
		Guarantee:			2.5					
		Found:			3.238					
58100	08-22-30									
		Guarantee:			2.5					
		Found:			3.53					
58101	08-22-30									
		Guarantee:			2.5					
		Found:			3.654					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58107	08-22-30	Guarantee:			2.5					
		Found:	<input type="text"/>		3.519					
58119	08-25-25	Guarantee:			3.7127					
		Found:	<input type="text"/>		4.229					
58120	08-25-25	Guarantee:			3.7127					
		Found:	<input type="text"/>		3.956					
58121	08-25-25	Guarantee:			3.7127					
		Found:	<input type="text"/>		4.448					
58122	08-25-25	Guarantee:			3.7127					
		Found:	<input type="text"/>		4.424					
58123	08-25-25	Guarantee:			3.7127					
		Found:	<input type="text"/>		4.45					
58124	08-25-25	Guarantee:			3.7127					
		Found:	<input type="text"/>		4.474					
59937	28-08-11	Guarantee:		1.9484	3.8968	0.0315				0.0678
		Found:	<input type="text"/>	2.13	4.451	0.0372				0.0573
Pro Solutions - Springfield Springfield ,TN										
58104	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.935					
58328	12-40-00	Brand: 'MESZ								
		Guarantee:			10					1
		Found:	<input type="text"/>		10.1					1.02
Reliance Ag - Russellville Russellville ,KY										
58150	08-21-27	Guarantee:		1.7707	3.5413					
		Found:	<input type="text"/>	2.241	4.755					
58151	08-21-27	Guarantee:		1.7707	3.5413					
		Found:	<input type="text"/>	2.259	4.779					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
58152	08-21-27									
		Guarantee:		1.7707	3.5413					
		Found:	<input type="text"/>	2.257	4.664					
58153	08-21-27									
		Guarantee:		1.7707	3.5413					
		Found:	<input type="text"/>	2.003	4.336					
58154	08-21-27									
		Guarantee:		1.7707	3.5413					
		Found:	<input type="text"/>	2.055	4.447					
58155	08-21-27									
		Guarantee:		1.7707	3.5413					
		Found:	<input type="text"/>	2.059	4.477					
58156	08-21-27									
		Guarantee:		1.8122	3.6243					
		Found:	<input type="text"/>	2.181	4.69					
58157	08-21-27									
		Guarantee:		1.8122	3.6243					
		Found:	<input type="text"/>	2.073	4.456					
58158	08-21-27									
		Guarantee:		1.8122	3.6243					
		Found:	<input type="text"/>	2.046	4.236					
58159	08-21-27									
		Guarantee:		1.8122	3.6243					
		Found:	<input type="text"/>	2.132	4.479					
Rogers Fertilizer & Services LLC Lebanon ,KY										
59826	34-00-11									
		Guarantee:			2.4495					
		Found:	<input type="text"/>		2.966					
59827	07-13-00									
		Guarantee:			2.8076	0.0116				0.0701
		Found:	<input type="text"/>		4.396	0.0152				0.0507
59828	07-13-00									
		Guarantee:			2.8076	0.0116				0.0701
		Found:	<input type="text"/>		4.503	0.0136				0.0522
59829	07-13-00									
		Guarantee:			2.8076	0.0116				0.0701
		Found:	<input type="text"/>		4.45	0.0151				0.0514

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59830	07-13-00	Guarantee:			2.8076	0.0116				0.0701
		Found:	<input type="text"/>		4.149	0.0155				0.0495
59832	34-00-11	Guarantee:			2.449					
		Found:	<input type="text"/>		3.057					
60394	33-10-06	Guarantee:			2.1899					
		Found:	<input type="text"/>		2.837					
60395	10-16-28	Guarantee:			4.2594					
		Found:	<input type="text"/>		4.925					
60396	39-00-00	Guarantee:			6.5269					
		Found:	<input type="text"/>		6.668					
Simplot AB Retail Sub Inc Boise ,ID										
58607	00-00-00	Brand: 'B & Z								
		Guarantee:			16	0.5				
		Found:	<input type="text"/>		15.2	0.4254				
58620	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.91					
58873	00-00-00	Brand: 'Sul4R Plus								
		Guarantee:	21		17					
		Found:	<input type="text" value="21.1517"/>		16.8					
58874	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.56					
59600	00-00-00	Brand: 'Sul4Rplus B&Z								
		Guarantee:	18		16	0.5				1.5
		Found:	<input type="text" value="18.64"/>		16.18	0.4930				1.449
59602	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.18					
Simplot Grower Solutions - Franklin Franklin ,KY										
59474	18-15-20	Guarantee:	1.75		1.4167					
		Found:	<input type="text" value="2.069"/>		2.539					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59475	18-15-20	Guarantee:	1.75		1.4167					
		Found:	1.731		2.237					
59476	18-13-17	Guarantee:	3		2.4286					
		Found:	3.144		3.412					
59477	19-31-00	Guarantee:			8					
		Found:			9.92					
59478	09-23-20	Guarantee:	3.7869		3.0656					
		Found:	3.768		4.382					
59479	10-25-16	Guarantee:	4.125		3.3393					
		Found:	4.155		5.001					
Simplot Grower Solutions - Fancy Farm Fancy Farm ,KY										
59401	08-19-25	Guarantee:	3		2.6667	0.0833				0.25
		Found:	2.919		3.209	0.0906				0.263
59402	08-19-25	Guarantee:	3		2.6667	0.0833				0.25
		Found:	2.212		2.641	0.0732				0.177
Simplot Grower Solutions - Glasgow Glasgow ,KY										
59593	17-14-18	Guarantee:			2.4055	0.0752				
		Found:			3.186	0.0360				
59594	17-14-18	Guarantee:	2.7062		2.4055	0.0752				0.2255
		Found:	3.346		3.295	0.0436				0.0915
59595	17-14-18	Guarantee:	2.7062		2.4055	0.0752				0.2255
		Found:	3.081		3.08	0.0495				0.124
59596	17-14-18	Guarantee:	2.7062		2.4055	0.0752				0.2255
		Found:	3.108		3.007	0.0561				0.139
59603	17-14-18	Guarantee:	2.7062		2.4055	0.0752				0.2255
		Found:	3.071		3.073	0.0518				0.126

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59604	17-14-18	Guarantee:	2.7062		2.4055	0.0752				0.2255
		Found:	3.329		3.225	0.0642				0.161
59605	31-00-00	Guarantee:	5.6802		5.0491	0.1578				0.4734
		Found:	6.227		5.3188	0.1690				0.447
59606	34-05-06	Guarantee:			4.8					
		Found:			7.367					
Simplot Grower Solutions - Hartford Hartford ,KY										
59649	11-18-24	Guarantee:			4.8					
		Found:			5.067					
59652	18-09-23	Guarantee:			5.0888					
		Found:			5.004					
59653	11-18-24	Guarantee:			4.8					
		Found:			5.344					
59654	11-18-24	Guarantee:			4.8					
		Found:			5.331					
59655	11-18-24	Guarantee:			4.8					
		Found:			6.196					
59657	09-08-39	Guarantee:			2.1474					
		Found:			0.334					
59658	09-08-39	Guarantee:			2.1474					
		Found:			2.206					
59659	09-08-39	Guarantee:			2.1474					
		Found:			2.412					
Southern FS Inc - Hickman Hickman ,KY										
59938	12-19-22	Guarantee:			5.4545					
		Found:			6.407					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59939	12-19-22	Guarantee:			5.4545					
		Found:	<input type="text"/>		7.643					
59940	12-19-22	Guarantee:			5.4545					
		Found:	<input type="text"/>		7.56					
59941	19-31-00	Guarantee:			8					
		Found:	<input type="text"/>		9.437					
59942	19-31-00	Guarantee:			8					
		Found:	<input type="text"/>		10.39					
59943	14-14-18	Guarantee:			9.6					
		Found:	<input type="text"/>		11.23					
59944	14-14-18	Guarantee:			9.6					
		Found:	<input type="text"/>		11.69					
59945	14-14-18	Guarantee:			9.6					
		Found:	<input type="text"/>		9.954					
59946	12-18-23	Guarantee:			5.2174					
		Found:	<input type="text"/>		6.956					
59947	12-18-23	Guarantee:			5.2174					
		Found:	<input type="text"/>		6.959					
Southern FS, INC Marion ,IL										
58082	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		9.59					
58342	12-40-00	Brand: 'MES 10								
		Guarantee:			10					
		Found:	<input type="text"/>		10.03					
58343	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		26.83					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	58344	29-00-00	Brand: '29-00-9.6S							
			Guarantee:		9.6					
			Found:	<input type="text"/>	10.15					
Southern States - Bowling Green Bowling Green ,KY										
	58211	10-27-23								
			Guarantee:		3.4642					
			Found:	<input type="text"/>	6.495					
	58212	10-27-23								
			Guarantee:		3.4642					
			Found:	<input type="text"/>	6.73					
	58213	10-27-23								
			Guarantee:		3.4642					
			Found:	<input type="text"/>	5.29					
	58240	10-27-23								
			Guarantee:		3.4633					
			Found:	<input type="text"/>	3.2682					
	58241	10-27-23								
			Guarantee:		3.4633					
			Found:	<input type="text"/>	3.517					
	58242	10-27-23								
			Guarantee:		3.4633					
			Found:	<input type="text"/>	4.013					
	58243	09-22-29								
			Guarantee:		2.25					
			Found:	<input type="text"/>	2.979					
	58244	09-22-29								
			Guarantee:		2.1951					
			Found:	<input type="text"/>	2.996					
	59343	09-22-29								
			Guarantee:		2.1886				0.0244	0.0976
			Found:	<input type="text"/>	2.146				0.0205	0.0714
Southern States - Cadiz Cadiz ,KY										
	58180	08-21-29								
			Guarantee:		5.2489	0.0512				
			Found:	<input type="text"/>	6.94	0.0591				
	58181	10-25-25								
			Guarantee:		4.1877	0.0568				
			Found:	<input type="text"/>	5.674	0.0508				

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
58182	10-25-25									
			Guarantee:		4.191	0.0426				
			Found:	<input type="text"/>	6.106	0.0497				
58208	08-14-26									
			Guarantee:		3.5413					
			Found:	<input type="text"/>	4.384					
58209	08-14-27									
			Guarantee:		3.5028					
			Found:	<input type="text"/>	4.409					
58210	08-14-27									
			Guarantee:		3.5174					
			Found:	<input type="text"/>	4.982					
58250	12-32-18									
			Guarantee:		1.2023					
			Found:	<input type="text"/>	1.946					
58251	12-32-18									
			Guarantee:		1.2894					
			Found:	<input type="text"/>	2.588					
58252	12-32-18									
			Guarantee:		1.1164					
			Found:	<input type="text"/>	2.45					
58253	12-32-18									
			Guarantee:		1.1175					
			Found:	<input type="text"/>	2.452					
59397	00-00-41									
			Guarantee:		5.5	11				
			Found:	<input type="text"/>	5.492	10.69				
59398	00-00-41									
			Guarantee:		5.5	11				
			Found:	<input type="text"/>	5.641	11.14				
Southern States - Calhoun Calhoun ,KY										
60357	08-13-33									
			Guarantee:		3.7217	0.0299				
			Found:	<input type="text"/>	4.297	0.0081				
60358	08-13-33									
			Guarantee:		3.4853	0.0301				
			Found:	<input type="text"/>	3.773	0.0292				
Southern States - Campbellsville Campbellsville ,KY										

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
59967	09-18-30									
		Guarantee:			2.4924					
		Found:	<input type="text"/>		3.1					
60056	38-00-00									
		Guarantee:	0.1388		6.8011	0.0347			0.1388	0.2082
		Found:	<input type="text" value="0.279"/>		8.861	0.0377			0.153	0.274
60057	38-00-00									
		Guarantee:	0.1385		6.8444	0.0346			0.1385	0.2077
		Found:	<input type="text" value="0.203"/>		8.428	0.0395			0.15	0.278
60138	06-16-37									
		Guarantee:								0.8634
		Found:	<input type="text"/>							0.892
60332	38-12-00									
		Guarantee:		0.8133						
		Found:	<input type="text"/>	0.559						
Southern States - Cynthiana Cynthiana ,KY										
59910	36-00-00									
		Guarantee:			6.6667					
		Found:	<input type="text"/>		6.431					
59911	32-00-15									
		Guarantee:			1.6602	0.005			0.0216	0.0432
		Found:	<input type="text"/>		1.511	0.0073			0.0219	0.0489
59912	32-00-15									
		Guarantee:			1.6611	0.005			0.0216	0.0432
		Found:	<input type="text"/>		1.843	0.0047			0.0142	0.0295
59913	32-00-15									
		Guarantee:			1.6611	0.005			0.0216	0.0432
		Found:	<input type="text"/>		1.637	0.0094			0.0207	0.0453
59914	32-00-15									
		Guarantee:			1.6611	0.005			0.0216	0.0432
		Found:	<input type="text"/>		1.545	0.0058			0.0166	0.0347
59915	32-00-15									
		Guarantee:			1.6611	0.005			0.0216	0.0432
		Found:	<input type="text"/>		1.796	0.0077			0.025	0.0556
59916	32-00-15									
		Guarantee:			1.6611	0.005			0.0216	0.0432
		Found:	<input type="text"/>		1.52	0.0055			0.0202	0.0442

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
59922	31-00-16	Guarantee:			1.9936	0.0092	0.0172			0.0433
		Found:	<input type="text"/>		1.913	0.007	0.0141			0.0377
59923	31-00-16	Guarantee:			1.9936	0.0092	0.0172			0.0433
		Found:	<input type="text"/>		1.947	0.0107	0.0137			0.0424
59924	31-00-16	Guarantee:			1.9936	0.0092	0.0172			0.0433
		Found:	<input type="text"/>		1.939	0.0099	0.0043			0.0366
59925	31-00-16	Guarantee:			1.9936	0.0092	0.0172			0.0433
		Found:	<input type="text"/>		1.805	0.0075	0.0036			0.0734
60321	14-00-18	Guarantee:			0.4651					
		Found:	<input type="text"/>		5.39					
60322	21-05-23	Guarantee:			1.1227					
		Found:	<input type="text"/>		7.7905					
60323	02-00-54	Guarantee:			1.9962	0.0277	0.023			
		Found:	<input type="text"/>		2.025	0.0173	0.0211			
60324	02-00-54	Guarantee:			1.9765	0.0274	0.0227			
		Found:	<input type="text"/>		1.7745	0.0251	0.0203			
Southern States - Elkton Elkton ,KY										
58035	09-22-24	Guarantee:		1.9885	3.977					
		Found:	<input type="text"/>	2.845	6.202					
58036	09-22-24	Guarantee:		1.9885	3.977					
		Found:	<input type="text"/>	2.851	6.388					
58037	09-22-24	Guarantee:		1.9885	3.977					
		Found:	<input type="text"/>	2.296	5.067					
58038	09-22-24	Guarantee:		1.988	3.9759					
		Found:	<input type="text"/>	2.296	5.244					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
58039	09-22-24	Guarantee:		1.988	3.9759				
		Found:	<input type="text"/>	2.225	5.12				
58040	11-10-32	Guarantee:		1.5278	3.0556				
		Found:	<input type="text"/>	1.969	4.434				
58041	09-22-23	Guarantee:		2.2603	4.5205				
		Found:	<input type="text"/>	2.826	6.534				
58042	09-22-23	Guarantee:		2.2603	4.5205				
		Found:	<input type="text"/>	2.941	6.661				
58043	09-22-24	Guarantee:		1.9884	3.9769				
		Found:	<input type="text"/>	2.233	5.019				
58044	09-22-24	Guarantee:		1.9884	3.9769				
		Found:	<input type="text"/>	2.232	5.006				
Southern States - Eminence Eminence ,KY									
59268	07-19-25	Guarantee:				0.2079			
		Found:	<input type="text"/>			0.1780			
59269	07-18-36	Guarantee:				0.0517			
		Found:	<input type="text"/>			0.0541			
59270	07-18-36	Guarantee:				0.052			
		Found:	<input type="text"/>			0.0521			
Southern States - Flemingsburg Flemingsburg ,KY									
59737	37-00-00	Guarantee:			8.9813				
		Found:	<input type="text"/>		8.702				
59738	15-15-15	Guarantee:			10.5205				
		Found:	<input type="text"/>		10.45				
59739	15-15-15	Guarantee:			10.5205				
		Found:	<input type="text"/>		11.29				

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
59740	26-11-11	Guarantee:		4.902					
		Found:	<input type="text"/>	5.148					
59741	26-11-11	Guarantee:		4.902					
		Found:	<input type="text"/>	5.196					
59745	34-00-00	Guarantee:		12					
		Found:	<input type="text"/>	11.28					
59746	34-00-00	Guarantee:		12					
		Found:	<input type="text"/>	11.29					
60284	31-05-10	Guarantee:		3.84					
		Found:	<input type="text"/>	4.178					
Southern States - Franklin Franklin ,KY									
58022	08-20-27	Guarantee:		2.0625	4.1249				
		Found:	<input type="text"/>	2.309	5.197				
58023	08-20-27	Guarantee:		2.0625	4.1249				
		Found:	<input type="text"/>	2.447	5.396				
58024	08-20-27	Guarantee:		2.0625	4.125				
		Found:	<input type="text"/>	2.264	5.083				
58025	08-20-27	Guarantee:		2.0625	4.125				
		Found:	<input type="text"/>	2.326	5.227				
58026	08-20-27	Guarantee:		2.0625	4.125				
		Found:	<input type="text"/>	2.249	4.961				
58027	08-20-27	Guarantee:		2.0624	4.1248				
		Found:	<input type="text"/>	2.351	5.242				
58028	08-20-27	Guarantee:		2.0624	4.1248				
		Found:	<input type="text"/>	2.376	5.344				

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
58029	08-20-27	Guarantee:	2.0624	4.1248					
		Found:	<input type="text"/>	2.261	5.045				
58030	08-20-27	Guarantee:	2.151	4.302					
		Found:	<input type="text"/>	2.394	5.323				
58073	08-20-27	Guarantee:	2.0624	4.1248					
		Found:	<input type="text"/>	2.251	4.754				
Southern States - Georgetown Georgetown ,KY									
59075	23-00-18	Guarantee:		6					
		Found:	<input type="text"/>	5.829					
59077	36-00-00	Guarantee:		6.6667					
		Found:	<input type="text"/>	6.17					
59078	21-00-20	Guarantee:		6.6667					
		Found:	<input type="text"/>	6.498					
59079	39-00-00	Guarantee:		4.4444					
		Found:	<input type="text"/>	4.331					
59080	09-00-13	Guarantee:		4.3265					0.037
		Found:	<input type="text"/>	4.397					0.0376
59081	00-00-39	Guarantee:			0.0258				
		Found:	<input type="text"/>		0.0230				
59082	31-00-09	Guarantee:		5.7143					
		Found:	<input type="text"/>	5.564					
59083	31-00-09	Guarantee:		5.7143					
		Found:	<input type="text"/>	5.677					
59084	19-00-21	Guarantee:		7.0588					
		Found:	<input type="text"/>	6.686					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
59085	01-00-25									
		Guarantee:			1.6633	0.0369				
		Found:	<input type="text"/>		1.871	0.0298				
Southern States - Harrodsburg Harrodsburg ,KY										
59558	31-00-00									
		Guarantee:			10					
		Found:	<input type="text"/>		9.665					
60257	15-00-40									
		Guarantee:								0.2743
		Found:	<input type="text"/>							0.318
60258	35-00-00									
		Guarantee:			7.2857					
		Found:	<input type="text"/>		6.975					
Southern States - Henderson Henderson ,KY										
59304	11-18-24									
		Guarantee:			4.762					
		Found:	<input type="text"/>		5.724					
59305	11-18-24									
		Guarantee:			4.699					
		Found:	<input type="text"/>		5.397					
59309	11-18-24									
		Guarantee:			4.7443					
		Found:	<input type="text"/>		5.528					
59310	11-18-24									
		Guarantee:			4.7207					
		Found:	<input type="text"/>		5.584					
59312	11-18-24									
		Guarantee:			4.762					
		Found:	<input type="text"/>		5.639					
59313	11-18-24									
		Guarantee:			4.636					
		Found:	<input type="text"/>		5.456					
Southern States - Hodgenville Hodgenville ,KY										
59288	03-08-30									
		Guarantee:		2.5806	5.1613	0.0543				
		Found:	<input type="text"/>	2.86	5.868	0.0436				
Southern States - Hopkinsville Hopkinsville ,KY										
58053	10-25-25									
		Guarantee:			3.9803					
		Found:	<input type="text"/>		4.927					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	58054	10-25-25	Guarantee:		4.1244					
			Found:	<input type="text"/>	5.559					
	58055	10-25-25	Guarantee:		4.1244					
			Found:	<input type="text"/>	5.276					
	58056	10-25-25	Guarantee:		3.9706					
			Found:	<input type="text"/>	5.773					
	58662	10-25-25	Guarantee:		4.1602					
			Found:	<input type="text"/>	5.745					
	58663	10-25-25	Guarantee:		4.3515					
			Found:	<input type="text"/>	5.211					
	58676	10-25-25	Guarantee:		4.1538					
			Found:	<input type="text"/>	6.96					
	58677	10-25-25	Guarantee:		4.2296					
			Found:	<input type="text"/>	6.514					
Southern States - Horse Cave Horse Cave ,KY										
	58695	14-17-19	Guarantee:		2.4232	4.8463				0.7994
			Found:	<input type="text"/>	2.836	6.669				0.762
	58696	14-17-19	Guarantee:		2.4232	4.8463				0.7994
			Found:	<input type="text"/>	2.765	6.112				0.684
	58698	31-22-00	Guarantee:		2.9032					
			Found:	<input type="text"/>	4.462					
	58699	35-15-00	Guarantee:		3.8298					
			Found:	<input type="text"/>	5.24					
	58700	23-00-00	Guarantee:			0.2113				
			Found:	<input type="text"/>		0.194				

Southern States - Maysville Maysville ,KY

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
59728	19-12-19	Guarantee:		4.4344	0.013				0.0437
		Found:	<input type="text"/>	5.001	0.0159				0.0408
59729	19-12-19	Guarantee:		4.4344	0.013				
		Found:	<input type="text"/>	4.83	0.0137				
59730	19-12-19	Guarantee:		4.4344	0.013				0.0437
		Found:	<input type="text"/>	4.678	0.0176				0.0388
59731	19-12-19	Guarantee:		4.4344	0.013				0.0437
		Found:	<input type="text"/>	4.913	0.0165				0.044
Southern States - Morganfield Morganfield ,KY									
58233	07-14-19	Guarantee:		2.4752					0.0379
		Found:	<input type="text"/>	2.831					0.0599
58234	07-12-21	Guarantee:		2.5974					0.0379
		Found:	<input type="text"/>	2.884					0.0562
58235	07-12-21	Guarantee:		2.5821					0.0379
		Found:	<input type="text"/>	3.371					0.0536
58236	07-12-21	Guarantee:		2.521					0.0379
		Found:	<input type="text"/>	3.028					0.0606
58237	07-12-21	Guarantee:		2.5913					0.0379
		Found:	<input type="text"/>	3.036					0.0545
58269	08-20-30	Guarantee:		4.5925					
		Found:	<input type="text"/>	5.177					
58270	08-21-30	Guarantee:		4.5892					
		Found:	<input type="text"/>	5.793					
58271	08-20-30	Guarantee:		4.4681					
		Found:	<input type="text"/>	5.834					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58272	08-20-30									
		Guarantee:			4.6055					
		Found:	<input type="text"/>		5.191					
Southern States - Owenton Owenton ,KY										
59068	04-09-48									
		Guarantee:				0.0877				
		Found:	<input type="text"/>			0.0612				
59069	06-15-40									
		Guarantee:				0.0613				
		Found:	<input type="text"/>			0.0592				
Southern States - Owingsville Owingsville ,KY										
59376	10-19-28									
		Guarantee:			7.3381					
		Found:	<input type="text"/>		6.81					
59378	37-00-00									
		Guarantee:			9.1034					
		Found:	<input type="text"/>		9.8809					
Southern States - Richmond VA Richmond ,VA										
57947	00-00-22	Brand: 'SPM								
		Guarantee:		11	22					
		Found:	<input type="text"/>	11.03	23.33					
57976	00-00-22	Brand: 'SPM								
		Guarantee:		11	22					
		Found:	<input type="text"/>	10.7	22.06					
58018	16-01-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		19.79					
58114	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.54					
58141	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.23					
58320	16-01-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		19.1					
58366	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.6					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58370	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 20.55					
58394	21-00-00	Brand: 'Ammonium Sulfate Guarantee: Found:			24 25.95					
58485	21-00-00	Brand: 'AMS Guarantee: Found:			24 23.86					
58507	21-00-00	Brand: 'AMS Guarantee: Found:			24 23.31					
58558	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.08					
58602	00-00-22	Brand: 'K-Mag Guarantee: Found:		11 10.65	22 22.9					
58655	20-00-00	Brand: 'AS Guarantee: Found:			23.8 24.79					
58667	00-00-22	Brand: 'K Mag Guarantee: Found:		11 10.53	22 21.91					
58672	20-00-00	Brand: 'AS Guarantee: Found:			23.85 24.32					
58703	00-00-22	Brand: 'K Mag Guarantee: Found:		11 11.21	22 25.38					
58721	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.92					
58740	21-00-00	Brand: 'AS Guarantee: Found:			24 24.69					
58769	21-00-00	Brand: 'AS Guarantee: Found:			24 23.34					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58836	34-00-00	Brand: 'Super Kicker Plus								
		Guarantee:			10					
		Found:	<input type="text"/>		10.03					
58896	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.41					
58930	16-01-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		16.2					
58931	00-00-22	Brand: 'Kmag								
		Guarantee:		11	22					
		Found:	<input type="text"/>	10.57	23.03					
58939	16-01-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		22.2					
58941	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.28					
58955	16-01-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		19.0					
59006	00-00-22	Brand: 'Kmag								
		Guarantee:		11	22					
		Found:	<input type="text"/>	10.4	22.14					
59012	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.05					
59013	16-01-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		21.0225					
59020	34-00-00	Brand: 'Super Kicker Plus								
		Guarantee:			10					
		Found:	<input type="text"/>		10.09					
59033	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.1					
59053	16-01-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		19.18					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59089	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.1619					
59098	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.0646					
59144	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.0116					
59148	00-00-22	Brand: 'Kmag Guarantee: Found:		11 10.53	22 21.23					
59152	21-00-00	Brand: 'AS Guarantee: Found:			24 23.09					
59249	20-00-00	Brand: 'AS Guarantee: Found:			24 24.08					
59286	21-00-00	Brand: 'AS Guarantee: Found:			24 23.88					
59287	00-00-22	Brand: 'Kmag Guarantee: Found:		11 10.47	22 22.17					
59411	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.3					
59554	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.6					
59837	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.09					
59920	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.32					
60220	16-01-00	Brand: 'SymTRX Guarantee: Found:			20 19.94					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
60260	00-00-00	Brand: 'RSS Sulfur 90								
		Guarantee:			90					
		Found:	<input type="text"/>		91.89					
60283	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.38					
60294	16-01-00	Brand: 'SymTRX								
		Guarantee:			20					
		Found:	<input type="text"/>		19.07					
60377	28-00-00									
		Guarantee:			4.9717					
		Found:	<input type="text"/>		11.61					
60378	26-00-00									
		Guarantee:			4.9658					
		Found:	<input type="text"/>		5.508					
60402	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		25.36					
Southern States - Russellville Russellville ,KY										
58088	10-26-19									
		Guarantee:			5.9375	0.0625	0.0625	0.3125		1.25
		Found:	<input type="text"/>		7.883	0.0843	0.0396	0.424		1.464
58089	10-26-19									
		Guarantee:			5.9375	0.0625	0.0625	0.3125		1.25
		Found:	<input type="text"/>		7.442	0.0811	0.064996	0.6927		1.302
58147	08-21-24									
		Guarantee:		2.2	4.4					
		Found:	<input type="text"/>	2.468	5.094					
Southern States - Russellville Fertilizer Plant Russellville ,KY										
58143	08-00-41									
		Guarantee:		2.4627	4.9254					
		Found:	<input type="text"/>	2.803	5.383					
58144	08-00-41									
		Guarantee:		2.4627	4.9254					
		Found:	<input type="text"/>	2.889	5.804					
58145	08-00-41									
		Guarantee:		2.4627	4.9254					
		Found:	<input type="text"/>	2.445	4.894					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
58146	08-21-24	Guarantee:	2.2	4.4					
		Found:	<input type="text"/>	1.576	3.366				
58148	06-16-32	Guarantee:	1.9412	3.8824					
		Found:	<input type="text"/>	2.412	5.004				
Southern States - Shelbyville Shelbyville ,KY									
59780	14-06-14	Guarantee:		4.6642					
		Found:	<input type="text"/>	3.501					
59781	14-06-14	Guarantee:		4.6992					
		Found:	<input type="text"/>	3.744					
60224	19-14-21	Guarantee:		1.6282					0.0518
		Found:	<input type="text"/>	6.93					0.0563
60225	19-15-20	Guarantee:		1.5263					0.0526
		Found:	<input type="text"/>	7.455					0.0636
60226	11-16-21	Guarantee:		6.4167					
		Found:	<input type="text"/>	7.154					
Southern States - Somerset Somerset ,KY									
59511	17-14-19	Guarantee:		2.6706				0.0297	0.1187
		Found:	<input type="text"/>	3.209				0.0306	0.102
Southern States - Springfield Springfield ,KY									
60012	14-15-25	Guarantee:		2.7907	0.1163				0.4128
		Found:	<input type="text"/>	3.972	0.1259				0.423
60013	14-15-25	Guarantee:		2.7907	0.1163				0.4128
		Found:	<input type="text"/>	3.978	0.1368				0.516
60015	08-12-18	Guarantee:		3.4875	0.1711				0.6076
		Found:	<input type="text"/>	4.851	0.189				0.783
60016	08-12-18	Guarantee:		3.4875	0.1711				0.6076
		Found:	<input type="text"/>	4.452	0.154				0.59

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
60017	08-12-18									
		Guarantee:			3.4875	0.1711				0.6076
		Found:	<input type="text"/>		4.587	0.175				0.615
60018	08-12-18									
		Guarantee:			3.4875	0.1711				0.6076
		Found:	<input type="text"/>		4.666	0.1811				0.676
60020	35-00-00									
		Guarantee:			7.4975					
		Found:	<input type="text"/>		7.565					
Southern States - Stanford Stanford ,KY										
59223	21-10-20									
		Guarantee:			3.5394					
		Found:	<input type="text"/>		3.945					
Southern States - Warsaw Owenton ,KY										
59255	40-00-00									
		Guarantee:			5.9743					
		Found:	<input type="text"/>		5.958					
59256	40-00-00									
		Guarantee:			5.9541					
		Found:	<input type="text"/>		5.986					
59257	40-00-00									
		Guarantee:			5.9338					
		Found:	<input type="text"/>		6.363					
59540	26-07-18									
		Guarantee:			1.8454					
		Found:	<input type="text"/>		2.146					
59541	26-07-18									
		Guarantee:			1.8308					
		Found:	<input type="text"/>		2.135					
59542	26-07-18									
		Guarantee:			1.8308					
		Found:	<input type="text"/>		4.621					
Southern States - Winchester Winchester ,KY										
59671	28-14-09									
		Guarantee:			3.8838					
		Found:	<input type="text"/>		3.842					
59672	28-14-09									
		Guarantee:			3.8838					
		Found:	<input type="text"/>		4.163					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59673	28-14-09									
		Guarantee:			3.8838					
		Found:	<input type="text"/>		3.803					
59674	28-14-09									
		Guarantee:			3.8838					
		Found:	<input type="text"/>		3.784					
Southern States Winchester Fertilizer Plant Winchester ,KY										
60102	34-00-00	Brand: 'Super Kicker Plus								
		Guarantee:			10					
		Found:	<input type="text"/>		11.81					
60110	00-10-30	Brand: 'SS								
		Guarantee:				0.45				
		Found:	<input type="text"/>			0.368				
Stanley Crop Service Owensboro ,KY										
59124	20-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.4049					
59131	31-00-00									
		Guarantee:			14.3854					
		Found:	<input type="text"/>		16.91					
59135	19-13-14									
		Guarantee:			7.9668					
		Found:	<input type="text"/>		8.693					
59136	15-15-12									
		Guarantee:			10.4					
		Found:	<input type="text"/>		16.29					
59137	15-15-12									
		Guarantee:			10.4					
		Found:	<input type="text"/>		16.27					
59139	32-18-00									
		Guarantee:			2.9252					
		Found:	<input type="text"/>		3.633					
59140	32-18-00									
		Guarantee:			2.9252					
		Found:	<input type="text"/>		3.259					
59141	06-22-05	Brand: 'Starter 6-22-5-4S-0.43Zn								
		Guarantee:			4					0.43
		Found:	<input type="text"/>		3.754					0.427

SUL4R Plus, LLC Louisville ,KY

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
	58009	00-00-00	Brand: 'Sul4R-Plus B+Z							
			Guarantee:	18	16	0.5				1.5
			Found:	18.5677	16.018	0.5450				1.421
	58262	00-00-00	Brand: 'Sul4R-Plus B+Z							
			Guarantee:	18	16	0.5				1.5
			Found:	18.96	15.26	0.4680				1.348
	58627	00-00-00	Brand: 'Sul4R-Plus B+Z							
			Guarantee:	18	16	0.5				1.5
			Found:	19.1109	15.7	0.541				1.499
	59150	00-00-00	Brand: 'Sul4R-Plus B+Z							
			Guarantee:	18	16	0.5				1.5
			Found:	17.72	15.74	0.5120				1.47
	59151	00-00-00	Brand: 'Sul4R-Plus Boron							
			Guarantee:	18	15	1.5				
			Found:	18.09	15.73	0.9490				
	60181	00-00-00	Brand: 'Sul4R Plus B&Z							
			Guarantee:	18	16	0.5				1.5
			Found:	20.24	17.6	0.4790				1.594
Sun Bulb Company, INC. Arcadia ,FL										
	60175	11-35-15	Brand: 'Better Gro Orchid							
			Guarantee:			0.02	0.05	0.1	0.05	0.05
			Found:		0.726	0.0240	0.0529	0.114	0.0491	0.0455
	60364	11-35-15	Brand: 'Orchid Better Bloom							
			Guarantee:	0.6		0.02	0.05	0.1	0.05	0.05
			Found:	0.625		0.0224	0.0483	0.111	0.0551	0.0494
Swiss Farms Products Las Vegas ,NV										
	58517	10-08-08	Brand: 'Vigoro Azalea Camellia & Rhododendron 10-8-8							
			Guarantee:	1.5	5	0.02	0.05	1.5	0.05	0.05
			Found:		2.054	6.71	0.0406	0.0622	2.274	0.107
	58518	12-10-05	Brand: 'Vigoro Tomato & Vegetable Plus Calcium 12-10-5							
			Guarantee:	3	3	5	0.02	0.05	1	0.05
			Found:	10.06	4.473	6.805	0.042	0.112	1.598	0.107
	60183	12-05-07	Brand: 'Vigoro Tree & Shrub Spikes							
			Guarantee:	3	3	0.02	0.05	0.1	0.05	0.05
			Found:	3.536	14.6	0.0795	0.155	0.619	0.16	0.323
	60184	12-06-10	Brand: 'Vigoro Rose Food							
			Guarantee:	1	9	0.02	0.05	1	0.05	0.05
			Found:		1.225	9.63	0.0422	0.0413	1.193	0.0715

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer	Sample Number	Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc	
	60185	12-05-07	Brand: 'Vigoro All Purpose								
			Guarantee:				0.02	0.05	0.2	0.05	0.05
			Found:			0.0421	0.0652	0.631	0.0668	0.132	
	60186	12-10-05	Brand: 'Vigoro Tomato & Veg								
			Guarantee:	3	3	5	0.02	0.05	1	0.05	0.05
			Found:	9.225	3.689	6.28	0.0309	0.0635	1.355	0.077	0.16
T and N Inc Foristell ,MO											
	58349	16-08-10	Brand: 'Greenskeeper Pasture								
			Guarantee:								2
			Found:			3.422		2.461			
The Hawthorne Gardening Company Port Washington ,NY											
	60238	02-04-02	Brand: 'Tomato & Vegetable Food								
			Guarantee:	2							
			Found:	6.285							
	60239	03-04-02	Brand: 'All Purpose Plant Food								
			Guarantee:	2							
			Found:	6.177							
The Scotts Company Marysville ,OH											
	57944	32-00-10	Brand: 'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10								
			Guarantee:								6
			Found:			6.402					
	57967	32-00-10	Brand: 'Turfbuilder Winterguard								
			Guarantee:								6
			Found:			6.268					
	58283	24-00-10	Brand: 'Lawn Pro Fall Lawn Fertilizer								
			Guarantee:								14
			Found:			13.29					
	58292	32-00-10	Brand: 'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10								
			Guarantee:								6
			Found:			5.503					
	60174	10-10-10	Brand: 'Scotts Flower & Veg								
			Guarantee:								2
			Found:			3.198					
	60178	12-04-08	Brand: 'Scotts Rose & Bloom								
			Guarantee:								2.2
			Found:			4.423					
Thomas Cayce Farm Supply, LLC Princeton ,KY											
	57988	21-00-00	Brand: 'AMS								
			Guarantee:								24
			Found:			25.09					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
58049	13-21-20	Guarantee:			5					
		Found:	<input type="text"/>		5.682					
58050	13-21-20	Guarantee:			5					
		Found:	<input type="text"/>		6.169					
58067	11-18-24	Guarantee:			4.8					
		Found:	<input type="text"/>		5.814					
58068	11-18-24	Guarantee:			4.8					
		Found:	<input type="text"/>		5.531					
58229	00-00-20	Brand: 'KMag								
		Guarantee:		10.5	20.5					
		Found:	<input type="text"/>	10.96	23.66					
58231	03-09-10	Guarantee:		5.303	10.3535					
		Found:	<input type="text"/>	6.926	12.82					
58355	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.89					
58360	00-00-20	Brand: 'K Mag								
		Guarantee:		10.5	20.5					
		Found:	<input type="text"/>	10.87	21.11					
59393	12-18-23	Guarantee:			5.7147					
		Found:	<input type="text"/>		6.478					
59394	12-18-23	Guarantee:			5.7147					
		Found:	<input type="text"/>		6.792					
Tiger-Sul Products LLC Atmore ,AL										
59067	00-00-00	Brand: 'Tiger-Sul 90								
		Guarantee:			90					
		Found:	<input type="text"/>		96.74					
59752	00-00-00	Brand: 'Tiger 90CR								
		Guarantee:			90					
		Found:	<input type="text"/>		91.77					

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer			Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade									
59875	00-00-00	Brand: 'Tiger 90CR								
		Guarantee:			90					
		Found:			92.02					
Tri-County Fertilizer Co., Inc. Richmond ,KY										
60287	04-10-38									
		Guarantee:	3.3319		2.6973					
		Found:	3.122		2.505					
60288	04-09-33									
		Guarantee:	4.2857		3.8095	0.119				0.3571
		Found:	5.138		4.43	0.11				0.372
Verdesian Life Sciences US LLC Cary ,NC										
60059	00-00-00	Brand: 'Micro Sync Pro								
		Guarantee:	5		9.5	1.25			5	7.5
		Found:	7.186		11.51	1.343			5.58	7.914
60060	00-00-00	Brand: 'Micro Sync Pro								
		Guarantee:	5		9.5	1.25			5	7.5
		Found:	8.125		12.51	1.25			5.672	8.864
Warner Fertilizer - Albany Albany ,KY										
59986	28-00-23									
		Guarantee:			1.5385					
		Found:			1.899					
59987	11-23-22									
		Guarantee:				0.5924				
		Found:				0.4160				
Warner Fertilizer - Campbellsville Campbellsville ,KY										
60345	18-18-17									
		Guarantee:								0.3186
		Found:								0.344
60349	22-13-12									
		Guarantee:			0.1015	0.0203	0.0203		0.1015	0.4061
		Found:			0.591	0.0383	0.029		0.138	0.437
60350	22-13-12									
		Guarantee:			0.1015	0.0203	0.0203		0.1015	0.4061
		Found:			0.578	0.0345	0.0291		0.133	0.409
60351	22-13-12									
		Guarantee:			0.1015	0.0203	0.0203		0.1015	0.4061
		Found:			0.682	0.021	0.0264		0.26	0.296
60352	22-13-12									
		Guarantee:			0.1015	0.0203	0.0203		0.1015	0.4061
		Found:			0.667	0.0201	0.0299		0.255	0.282

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Grade	Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number										
Warner Fertilizer - Liberty Liberty ,KY										
59522	20-11-21									
		Guarantee:			5.7993					0.4142
		Found:	<input type="text"/>		4.654		0.0111			0.299
Warner Fertilizer - Russell Springs Russell Springs ,KY										
59531	14-00-37									
		Guarantee:								2.7692
		Found:	<input type="text"/>							2.253
Warner Fertilizer - Somerset Somerset ,KY										
58847	21-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		23.67					
59974	34-00-00									
		Guarantee:			12					
		Found:	<input type="text"/>		12.7					
59975	13-07-32									
		Guarantee:			3.6962					
		Found:	<input type="text"/>		4.531					
59976	13-07-32									
		Guarantee:			3.6962					
		Found:	<input type="text"/>		4.54					
Woodford Feed Company, Inc. Versailles ,KY										
59791	04-10-41									
		Guarantee:			8.1818					
		Found:	<input type="text"/>		9.527					
59792	04-10-41									
		Guarantee:			8.1818					
		Found:	<input type="text"/>		9.518					
59882	20-00-00	Brand: 'AS								
		Guarantee:			24					
		Found:	<input type="text"/>		24.76					
59883	04-10-41									
		Guarantee:			8.18					
		Found:	<input type="text"/>		9.35					
59884	40-00-00									
		Guarantee:			7.8022		0.4305			
		Found:	<input type="text"/>		11.11		0.422			
59885	40-00-00									
		Guarantee:			7.8022		0.4305			
		Found:	<input type="text"/>		8.061		0.403			

Values in bold are deficient.

TABLE 3: DETAILED INSPECTION REPORT OF FERTILIZERS CONTAINING MICRONUTRIENTS

Manufacturer		Calcium	Magnesium	Sulfur	Boron	Copper	Iron	Managanese	Zinc
Sample Number	Grade								
59886	19-06-22								
		Guarantee:		6					
		Found:	<input type="text"/>	6.215					
59887	19-06-22								
		Guarantee:		6					
		Found:	<input type="text"/>	6.231					
59888	19-06-22								
		Guarantee:		6					
		Found:	<input type="text"/>	6.004					

Values in bold are deficient.

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Table 4

Detailed N, P₂O₅, and K₂O Analyses of
Samples of Mixed Fertilizers and Fertilizer
Materials by Grade
2019-2020

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Advanced Micronutrient Products Reese ,MI							
02-00-00	'AMP EZ20 Essential Zinc	59876	2.51			125.5	*
Advanced Turf Solutions - Fishers Fishers ,IN							
09-12-06	'Armament Biosolids	58019	8.65	11.09	6.84	97.42	
16-18-12	'Advanced Turf Solutions	58020	18.23	27.59	9.94	123.74	
Ag Distributors Inc Nashville ,TN							
00-00-22	'0-0-22	60073			21.77	98.95	*
00-00-60	'MOP	59607			59.81	99.68	
00-00-60	'MOP	59050			59.08	98.47	
10-10-10	'10-10-10	60070	11.41	11.82	9.25	108.68	
12-24-24	'12-24-24	60072	13.08	24.37	22.17	99.59	
15-15-15	'15-15-15	60071	14.29	16.26	14.85	100.94	
18-46-00	'DAP	59608	17.66	46.01		99.48	
18-46-00	'DAP	59049	17.16	44.86		96.91	
19-19-19	'19-19-19	60068	18.58	20.86	19.34	103.16	
19-19-19	'19-19-19	58514	19.13	20.67	18.74	102.81	
19-19-19	'19-19-19	60069	18.85	19.59	20.25	102.87	
34-00-00	'AN	59700	34.08			100.24	
46-00-00	'Urea	59609	46.10			100.22	
Ag1 Coop Monticello ,KY							
03-06-06		59981	3.07	5.56	5.90	96.24	
05-12-45		60346	4.87	12.17	44.44	100.77	
06-16-39		60360	6.04	15.1	41.07	101.22	
22-00-30		58760	23.52		29.23	101.09	
30-00-21		60361	27.40		23.75	100.12	
Agri-Business Tech Inc Albany ,GA							
12-48-08	'Perfect Pond Plus Fish Pond Fertilizer	58331	12.29	46.85	9.27	100.15	*
Agri-Chem - Hopkinsville Hopkinsville ,KY							
04-19-22		58275	4.64	19.1	21.71	101.36	
04-19-22		58273	4.89	20.17	22.44	104.15	
04-19-22		58274	4.66	21.3	21.14	104.35	
05-13-18		58279	5.58	12.88	18	99.95	
05-25-30		58277	5.86	26.32	29.79	102.69	*
05-25-30		58276	5.75	26.43	30.28	103.34	*
06-14-19		58278	5.94	14.15	19.02	99.17	
08-20-34		58221	8.40	21.58	33.41	103.6	
08-20-34		58220	6.90	19.12	35.86	99.27	
Agri-Chem - Princeton Princeton ,KY							

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		59861	9	24.51	28.99	100.97	
09-23-30		59862	9.82	24.79	29.13	103.02	
09-23-30		59864	9.3	23.7	29.71	101.23	
12-09-38		59859	14.32	8.97	34.68	99.91	
16-22-22		59857	15.68	21.96	22.44	100.88	
16-22-22		59856	16.85	23.42	20.99	103.11	
19-19-19		59863	19.56	19.96	20.2	102.75	
19-19-19		59860	19.57	18.94	20.26	101.07	
19-19-19		59858	19.26	18.92	21.28	102.14	
19-19-19		59855	19.38	19.44	20.17	101.46	
<hr/>							
AgriGro Farm Center, Inc. Hartford ,KY							
00-00-60	'MP	58990			59.91	99.85	
00-00-60	'MP	58986			59.99	99.98	
09-23-30		59903	8.96	24.79	29.94	102.84	
09-23-30		59902	8.63	22.57	31.74	101.35	
09-23-30		59901	8.68	22.77	31.68	101.68	
09-23-30		59900	8.78	22.48	31.65	101.31	
09-23-30		59899	9.31	23.87	29.96	101.91	
09-23-30		59905	9.18	24.14	30.24	102.58	
09-23-30		59906	9.13	24.26	30.52	103.13	
09-23-30		59909	9.31	22.86	32.07	103.49	
09-23-30		59908	8.62	22.25	31.92	101.08	
09-23-30		59904	9.39	24.43	29.81	102.75	
18-46-00	'DAP	58989	17.18	44.97		97.11	
18-46-00	'DAP	58987	17.5	44.66		97.12	
20-19-19		59907	19.97	20.48	19.32	103.29	
46-00-00	'Urea	58988	46.20			100.43	
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Agriport Terminal Eddyville ,KY							
00-00-22	'K-Mag	58615			21.02	97.77	*
00-00-22	'SPM	57953			22.22	103.35	*
00-00-50	'SOP	58382			50.68	101.36	
00-00-50	'SOP	58616			51.11	102.22	
00-00-60	'MOP	58313			61.26	102.1	
00-00-60	'MOP	57859			60.57	100.95	
00-00-60	'MOP	58614			60.46	100.77	
00-00-60	'MOP	58596			60.5	100.83	
00-00-60	'MOP	57954			60.8	101.33	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	57952			60.99	101.65	
00-00-60	'MOP	57864			61.9	103.17	
00-00-60	'MOP	57863			59.04	98.4	
00-00-60	'MP	58352			61.5	102.5	
00-00-60	'MP	58353			61.4	102.33	
00-00-60	'MP	58385			60.72	101.2	
00-00-60	'MP	58224			61.6	102.67	
00-00-60	'MP	59045			61.22	102.03	
00-00-60	'MP	58218			60.72	101.2	
00-00-60	'MP	58223			61.4	102.33	
04-20-37		58046	4.32	21.28	36.68	103.69	*
05-23-33		58047	4.62	23.19	35.29	102.09	
05-25-30		58069	4.97	23.03	33.35	99.87	*
05-25-31		58048	5.23	24.75	32.5	100.9	
06-28-28		58045	5.91	28.39	29.7	104.34	*
09-22-31		59246	8.86	23.47	30.37	101.33	
09-23-30		58226	8.90	24.55	28.77	100.98	
09-23-30		58225	8.92	23.25	30.33	100.74	
09-23-30		59244	8.69	22.92	31.02	100.93	
11-28-24		58227	10.41	27.64	24.6	100.16	
11-52-00	'MAP	58216	11.42	51.47		99.89	
11-52-00	'MAP	57857	11.55	53.64		103.5	
11-52-00	'MAP	58215	11.24	52.03		100.46	
11-52-00	'MAP	57856	11.45	52.95		102.25	
11-52-00	'MAP	57861	11.49	53.61		103.35	
11-52-00	'MAP	57858	11.50	53.21		102.74	
11-52-00	'MAP	57956	11.33	52.06		100.66	
12-40-00	'MES Z	58219	11.80	39.96		99.51	*
18-46-00	'DAP	58314	17.88	45.24		98.64	
18-46-00	'DAP	58386	18.42	46.64		101.66	
18-46-00	'DAP	58351	18.45	45.88		100.52	
18-46-00	'DAP	58383	18.34	45.46		99.69	
18-46-00	'DAP	58384	18.41	45.57		99.97	
18-46-00	'DAP	58613	17.84	46.41		100.39	
18-46-00	'DAP	57951	16.86	45.98		98.07	
18-46-00	'DAP	58594	17.88	46.72		100.94	
18-46-00	'DAP	59046	17.12	45.74		98.22	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	59047	18.29	45.71		100	
18-46-00	'DAP	59048	18.06	46.62		101.06	
18-46-00	'DAP	58222	17.25	45.54		98.05	
18-46-00	'DAP	58217	17.51	45.36		98.21	
18-46-00	'DAP	58214	17.33	46.78		100.07	
18-46-00	'DAP	59044	18.24	44.76		98.44	
18-46-00	'DAP	57955	17.91	45.72		99.42	
18-46-00	'DAP	57862	17.83	45.47		98.91	
18-46-00	'DAP	58595	18.35	46.69		101.62	
18-46-00	'DAP	57860	17.76	45.63		99.04	
18-46-00	'DAP	58593	18.35	46.67		101.59	
32-00-00	'UAN	59245	32.22			100.69	
46-00-00	'Urea	58350	46.20			100.43	
46-00-00	'Urea	59043	46.01			100.02	
46-00-00	'Urea	58592	45.52			98.96	
46-00-00	'Urea	58387	46.11			100.24	
46-00-00	'Urea	58388	46.19			100.41	
46-00-00	'Urea	58612	46.19			100.41	
Allen County Farmers Service, Inc. Scottsville ,KY							
13-13-13		58764	13.66	13.68	14.04	104.92	
14-14-14		58762	14.11	15.6	15.06	105.29	
14-22-22		58761	13.95	22.13	21.62	101.43	
19-19-19		58774	18.56	20.68	19.77	101.57	
19-19-19		58765	18.87	20.12	19.35	100.46	
23-17-17		58763	23.03	17.57	16.61	101.57	
26-15-15		58776	24.88	13.73	15.26	97.46	
26-15-15		58775	25.51	14.54	14.71	99.19	
26-15-15		58778	25.64	15.29	14.99	101.31	
26-15-15		58777	25.05	14.97	15.09	99.8	
Anderson County Farm Service, Inc. Lawrenceburg ,KY							
00-00-60	'MOP	60038			59.98	99.97	
18-46-00	'DAP	60037	17.32	46.36		99.5	
46-00-00	'Urea	60036	46.12			100.26	
Ballard County Coop., Inc. La Center ,KY							
00-00-60	'MP	59329			62.74	104.57	
00-00-60	'MP	59334			61.53	102.55	
06-15-40		59336	5.90	16.23	41.06	103.05	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		59370	8.85	22.87	29.58	98.88	
13-20-20		59337	12.48	21.12	20.47	103.39	*
13-20-20		59338	12.49	20.34	20.7	102.3	*
13-20-20		59367	12.03	19.34	20.7	99.21	*
13-20-20		59368	12.79	19.72	20.12	100.39	*
13-20-20		59369	12.65	19.63	20.57	100.76	*
18-46-00 'DAP		59335	17.69	45.64		98.95	
18-46-00 'DAP		59328	17.51	46.44		99.92	
18-46-00 'DAP		59330	17.96	45.87		99.73	
20-00-00 'AS		59331	20.85			101.71	*
20-00-00 'AS		59332	20.61			100.54	*
22-12-15		59371	21.12	11.03	16.03	100.22	
34-00-00 'AN		59333	34.24			100.71	
<hr/>							
Bandana Ag, Inc. La Center ,KY							
00-00-60 'MP		57963			61.81	103.02	
00-00-60 'MP		58345			61.77	102.95	
08-21-32		59692	8.83	22.93	31.29	102.08	
10-18-28		59697	9.89	18.23	28.95	102.32	*
10-18-28		59696	10.06	16.76	29.58	100.98	*
10-18-28		59373	10.06	17.07	29.19	100.89	*
10-18-28		59372	9.27	15.02	31.96	100.37	*
12-40-00 'MES 10		57966	11.95	39.61		99.16	*
12-40-00 'MES 10		58348	12.17	39.15		98.69	*
13-12-30		59691	12.96	11.77	30.69	101.66	
14-12-16		57962	14.54	12.28	15.93	104.5	
14-18-24		59374	13.54	18.72	24.34	100.32	
14-18-24		59689	13.73	19.7	24.64	102.97	
14-18-24		59690	13.80	18.87	24.68	101.65	
15-13-26		59693	14.39	15.06	26.98	105.07	
15-13-26		59694	14.57	12.99	26.83	101.15	
18-46-00 'DAP		57964	17.48	45.84		98.89	
18-46-00 'DAP		58346	17.20	44.48		96.38	
32-00-00 'UAN		59695	31.98			99.94	
34-00-00 'AN		57965	34.38			101.12	
34-00-00 'AN		58347	34.23			100.68	
<hr/>							
Bickett Ag - Central City Central City ,KY							
09-23-30		59711	9.52	24.78	29.97	103.8	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		59710	8.76	24.03	30.96	102.81	
09-23-30		59709	9.99	26.1	27.99	103.74	
09-23-30		59708	8.55	22.34	33.13	102.98	
09-23-30		59714	9.20	25.29	29.62	103.58	
09-23-30		59713	9.40	24.68	30.44	104.16	
09-23-30		59712	9.29	24.37	30.07	102.89	
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Bickett Ag - Morganfield Morganfield ,KY							
00-00-60	'MP	59299			61.14	101.9	
00-00-60	'MP	59300			61.5	102.5	
00-00-60	'MP	59301			61.4	102.33	
18-46-00	'DAP	59303	17.71	45.17		98.25	
18-46-00	'DAP	59302	17.42	45.9		98.45	
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Black Gold EnviroSAFE Arcadia ,FL							
08-05-05	'Dynamite Mater Magic	60180	8.45	3.63	6.85	104.48	*
08-05-05	'Dynamite Mater Magic	60369	8.21	6.58	8.13	126.57	*
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Bluegrass Seed & Fertilizer, Inc. Bardstown ,KY							
07-17-37		59895	6.75	17.01	38.24	101.6	
13-09-36		60004	12.65	8.93	36.28	99.71	
26-11-14		59896	25.14	11.12	15.43	102.74	
28-00-24		60002	26.69		24.33	99	
28-12-15		59898	27.06	12.67	15.61	102.45	
28-12-15		60005	27.21	12.01	16.46	102.97	
28-12-15		60006	26.83	11.44	16.54	101.31	
28-12-15		60003	26.91	11.07	16.25	100.26	
31-00-00		59894	29.92			97.55	
31-00-00		59897	28.67			93.48	
<hr/>							
C.D. Poore Fertilizer Albany ,KY							
00-00-50	'SOP	60331			48.95	97.9	
00-00-60	'MOP	58446			61.64	102.73	
05-03-08		60327	6.07	3.48	9.73	118	
05-10-15	'Poore	60235	5.52	10.26	16.1	106.67	
09-23-30		60328	9.21	23.54	29.84	101.01	
13-16-21		60326	12.79	15.97	21.81	102.97	*
14-00-15		60329	14.46		13.94	99.65	
14-00-15		60330	14.44		14.65	101.88	
15-08-14		60334	14.14	8.09	12.43	93.22	*
15-08-14		60336	14.09	7.87	15.8	101.08	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-08-14		60335	14.52	8.43	15.34	102.65	*
15-15-15	'Poore	60234	12.89	15.06	12.80	90.69	
18-46-00	'DAP	58448	18.14	47.28		102.22	
18-46-00	'DAP	58450	17.81	45.69		99.22	
19-10-13		60237	18.45	10.14	14.26	101.9	*
19-19-19	'Poore	60233	18.53	19.67	19.09	100.51	
21-00-00	'AMS	58447	20.38			97.05	*
21-15-20		60236	20.70	16.38	19.70	100.35	
46-00-00	'Urea	58449	46.04			100.09	
Central Crop Care Crab Orchard ,KY							
00-00-22	'K-Mag	60272			21.9	101.86	*
00-00-50	'SOP	60273			49.48	98.96	
00-00-60	'MOP	58495			61.65	102.75	
00-00-60	'MOP	60271			59.17	98.62	
04-11-15		59665	4.82	10.92	16.86	106.85	
14-14-14		59666	13.01	13.47	15.99	104.01	
14-14-14		59667	13.70	12.71	16.73	105.56	
14-14-14		59668	12.67	12.18	17.45	103.3	
18-46-00	'DAP	60270	17.91	46.95		101.34	
18-46-00	'DAP	58494	17.93	46.33		100.41	
19-19-19		59670	17.91	17.98	24.31	105.09	
19-19-19		59664	18.48	17.47	21.17	99.98	
19-19-19		59669	19.67	19.56	21.4	106.27	
19-19-19		59663	19.02	19.27	20.31	102.76	
19-20-19		59662	19.23	19.52	19.56	101.85	
20-00-29		59661	18.72		30.93	101.02	*
21-00-00	'AS	60275	20.54			97.81	*
44-00-00	'ESN	60274	44.57			101.3	
46-00-00	'Urea	58496	46.10			100.22	
46-00-00	'Urea	60269	46.20			100.43	
Central Farmers Supply, Inc. Greensburg ,KY							
17-17-17		59115	16.53	18.2	21.08	111.23	
18-15-24		59118	19.14	16.43	24.28	104.07	
18-15-24		59119	19.62	15.86	24.8	104.77	
18-18-22		59180	17.14	19.24	23	101.91	
19-19-19		59120	19.92	19.95	20.49	103.84	
19-19-19		59117	18.68	19.33	21.5	102.21	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		59181	18.93	20.21	20.45	102.52	
19-19-19		59121	19.40	20.16	20.54	103.39	
19-19-19		59116	18.30	20.31	21.34	103.02	
19-19-19		59122	19.69	20.2	20.36	103.68	
Central Garden & Pet Garden Division Atlanta ,GA							
10-08-06	'Pennington Azalea Camellia & Rhododendron	60203	9.99	8.12	6.59	102.78	*
10-10-10	'Pennington All Purpose	60204	10.06	9.65	9.91	98.72	*
15-10-10	'Pennington Color Blooms & Bulb	60202	14.88	11.5	11.4	107.81	*
CHS Crop Nutrients - Owensboro Owensboro ,KY							
00-00-50	'SOP	58911			51.5	103	
00-00-60	'MOP	58782			61.59	102.65	
00-00-60	'MOP	58907			60.85	101.42	
00-00-60	'MOP	58975			59.96	99.93	
00-00-60	'MOP	58970			59.49	99.15	
00-00-60	'MOP	58867			61.35	102.25	
00-00-60	'MOP	58976			60.43	100.72	
00-00-60	'MOP	58872			60.67	101.12	
00-00-60	'MOP	58912			59.55	99.25	
00-00-60	'MOP	58969			61.18	101.97	
18-46-00	'DAP	58906	18.16	45.19		98.98	
18-46-00	'DAP	58864	17.32	45.2		97.69	
18-46-00	'DAP	58865	17.28	45.45		98.02	
18-46-00	'DAP	58914	18.08	45.19		98.86	
18-46-00	'DAP	58909	17.43	49.45		104.5	
18-46-00	'DAP	58971	16.81	46.41		98.78	
18-46-00	'DAP	58972	16.92	44.61		96.14	
18-46-00	'DAP	58973	17.71	45.98		99.52	
18-46-00	'DAP	59706	17.69	46.27		99.94	
18-46-00	'DAP	58869	17.11	44.83		96.78	
18-46-00	'DAP	58870	17.36	45.62		98.41	
18-46-00	'DAP	59707	18.18	46.31		100.77	
18-46-00	'DAP	58780	17.74	47.58		102.06	
18-46-00	'DAP	58779	17.75	47.87		102.53	
18-46-00	'DAP	58974	17.27	45.8		98.55	
21-00-00	'AS	58910	20.72			98.67	*
21-00-00	'AS	58908	20.76			98.86	*
21-00-00	'AS	58868	20.60			98.1	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
32-00-00	'32-0-0	60375	31.36			0.00	
32-00-00	'32-0-0	60372	31.56			98.62	
32-00-00	'32-0-0	60373	31.10			97.19	
46-00-00	'Urea	58871	45.93			99.85	
46-00-00	'Urea	58905	46.11			100.24	
46-00-00	'Urea	58913	46.10			100.22	
46-00-00	'Urea	58781	46.20			100.43	
46-00-00	'Urea	58866	45.99			99.98	
<hr/>							
Clements Ag Supply Springfield ,KY							
00-00-60	'MOP	58680			61.82	103.03	
04-11-29		60248	4.66	11.59	26.93	97.54	*
18-46-00	'DAP	58679	17.21	46.44		99.45	
21-00-00	'AS	60250	20.88			99.43	*
41-00-00		60246	39.92			97.03	*
41-00-00		60247	40.45			98.66	*
46-00-00	'Super U	60249	46.17			100.37	
46-00-00	'Urea	58678	46.16			100.35	
<hr/>							
Corbin Farm & Garden Center, Inc. Corbin ,KY							
00-00-60	'MOP	58977			59.97	99.95	
18-46-00	'DAP	58978	17.85	45.87		99.56	
46-00-00	'Urea	58979	45.84			99.65	
<hr/>							
Darling Ingredients Inc - Irving TX Irving ,TX							
05-06-06	'Nature Safe 5-6-6	58298	5.66	5.98	9.1	118.73	*
07-12-00	'Nature Safe 7-12-0	58299	7.29	14.61		114.88	*
08-03-05	'Nature Safe 8-3-5	58297	8.70	4.1	4.97	111.96	*
09-06-01	'Nature Safe 9-6-1	58300	9.67	8.25	0.66	116.47	*
10-00-08	'Nature Safe 10-0-8	58291	10.05		7.71	99.06	*
10-02-08	'Nature Safe 10-2-8	58290	9.64	2.52	9.37	105.99	*
12-02-06	'Nature Safe 12-2-6	58289	11.77	2.95	6.86	106.78	*
13-00-00	'Nature Safe 13-0-0	58288	11.20			86.15	
16-00-02	'Nature Safe 16-0-2	58287	18.76		2.38	117.38	*
18-00-04	'Nature Safe 18-0-4	58286	18.68		4.03	103.39	*
21-03-07	'Nature Safe 21-3-7	58285	20.30	2.58	7.8	98.07	*
27-00-02	'Nature Safe 27-0-2	58284	27.18		2.36	101.48	*
<hr/>							
Dr. Earth Inc Winters ,CA							
04-06-03	'Dr. Earth Home Grown Tomato Vegetable and Herb Fertiliz	60368	5.07	8.62	3.56	132.94	*
04-06-03	'Dr. Earth Organic 4-6-3 Tomato Veg & Herb	60179	5.02	7.75	3.64	126.32	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
08-00-02	'Dr. Earth Super Natural Premium Concentrate Lawn Fertilizer	58484	9.66		3.19	128.02	
Drake's Farm Service, Inc. Morgantown ,KY							
09-23-30		59488	9.07	24.78	29.37	102.12	
09-23-30		59489	9.00	24.26	30.15	102.34	
11-28-24		59486	13.76	28.67	23.09	105.26	
16-16-16		59484	19.52	19.61	17.23	118.48	
16-16-16		59483	19.05	18.34	18.04	116.35	
19-19-19		59481	19.34	18.68	19.73	99.33	
19-19-19		59482	20.05	19.61	18.74	100.61	
19-19-19		59487	18.92	20.93	19.25	101.78	
19-19-19		59485	23.83	19.94	18.3	107.15	
22-18-18		59480	22.32	17.69	17.91	101.71	
Easy Gardener Waco ,TX							
03-04-03	'Jobes Rose & Flower	60176	3.90	6.85	3.5	143.1	*
03-05-04	'Jobes Annuals & Perennials	60242	3.83	7.28	5.99	142.31	*
04-04-04	'Jobes Organics All-Purpose 4-4-4	58516	3.68	5.36	6.59	129.35	*
08-11-11	'Jobes Fruit Tree Spikes	60240	11.77	15.42	12.45	132.68	
11-03-04	'Jobes Evergreen Tree Spikes	60241	15.84	6.79	7.32	166.1	
16-04-04	'Jobes Tree & Shrub Spikes	60177	17.76	6.9	7.17	132.03	
Eau Claire CO-OP Oil Company Eau Claire ,WI							
15-23-10	'Menards Starter 15-23-10	58001	16.10	24.87	9.55	105.87	*
22-00-10	'Menards Fall Lawn 22-0-10	58000	22.27		9.98	100.9	*
30-00-03	'Menards Premium Lawn Food 30-0-3	58391	30.40		3.7	103.19	*
EcoScraps Marysville ,OH							
05-04-06	'Tomato Herb & Veg	60200	4.79	6.97	5.93	118.53	*
Encap, LLC Green Bay ,WI							
14-00-00	'Sta Green Blood Meal	60298	14.85			106.07	
Espoma Company Millville ,NJ							
03-04-04	'Espoma Organic Garden-Tone Herb & Vegetable 3-4-4	58515	4.51	5.8	5.06	140.1	*
03-04-06	'Tomato-Tone	60244	4.01	5.81	6.47	125.94	*
04-03-03	'Bio-Tone Starter Plus	60243	4.29	4.76	3.48	125.52	*
05-03-03	'Plant Tone All Purpose	60245	5.22	4.93	3.63	125.36	*
10-03-01	'Organic Bat Guano	58471	7.49	2.54	1.29	80.59	
Farm Ag Sales, LLC dba C & F Farm Supply Hiseville ,KY							
08-11-16		58827	7.48	10.95	15.49	98.03	
16-07-19		58828	17.75	5.148	15.86	94.07	
16-07-19		58826	17.51	6.49	18.25	102.36	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		58824	19.55	19.7	19.77	101.57	
20-13-23		58822	20.52	14.05	22.67	101.15	
22-11-22		58823	22.88	12.15	21.65	102.23	
27-14-14		58830	27.60	14.31	13.83	102.27	
27-14-14		58829	27.01	14.28	13.84	101.11	
27-14-14		58821	27.07	15.12	13.15	101.62	
39-00-00		58825	37.97			97.21	*
Farmers Fertilizer - Kelly Road Bowling Green ,KY							
09-23-30		59203	8.99	23.3	32.9	104.97	
09-23-30		59204	10.69	27.5	25.72	103.74	
19-19-19		59202	17.40	19.23	21.87	100.38	
19-20-19		59201	17.72	19.69	21.77	101.58	
19-20-19		59207	19.38	19.21	19.98	100.63	
20-20-19		59205	19.36	19.29	21.38	103.13	
20-20-19		59341	17.30	19.9	22.88	103	
20-20-19		59339	17.88	20.57	21.18	102.43	
20-20-19		59340	18.03	20.24	20.97	101.8	
26-18-12		59206	22.77	16.4	17.27	100.07	
Farmers Fertilizer - Old Nashville Rd Bowling Green ,KY							
20-20-19		59468	19.34	19.03	19.76	99.97	
20-20-19		59471	18.77	20.22	20.66	102.53	
31-12-10		59473	30.51	13.32	11.39	103.96	
31-12-10		59467	30.87	13.37	10.21	102.66	
31-12-10		59472	31.09	12.24	9.87	100.32	
31-12-10		59466	30.83	13.22	10.1	102.1	
33-08-11		59470	31.74	9.23	12.21	102.47	
33-08-11		59469	31.96	9.62	11.58	102.53	
33-08-11		59465	30.83	8.99	13.38	102.34	
33-08-11		59464	31.37	8.84	12.8	102.05	
Farmers Fertilizer - Smiths Grove Smiths Grove ,KY							
08-22-30		59849	8.93	23.4	30.4	103.78	
08-22-30		59845	8.22	21.16	32.45	101.96	
08-22-30		59850	8.45	21.61	33.02	104.04	
08-22-30		59846	8.34	22.11	31.39	102.12	
08-22-30		59842	8.94	23.76	29.6	103.14	
08-22-30		59841	8.94	22.56	30.7	102.83	
19-19-19		59847	18.52	19.86	19.86	102.44	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		59848	19.16	19.84	20.27	104.25	
19-22-16		59844	19.78	19.31	18.63	100.2	
32-10-10		59843	30.20	11.27	11.69	102.38	
Fleming County Farm Supply Flemingsburg ,KY							
00-00-30		59429			29.15	97.17	
00-00-50	'SP	60121			49.02	98.04	
00-00-51	'SP 51	58899			51.44	100.86	
00-00-51	'SP 51	60113			49.74	97.53	
00-00-51	'SP 51	58838			50.83	99.67	
00-00-51	'SP 51	59022			45.80	89.8	
00-00-60	'MP	60081			59.34	98.9	
00-00-60	'MP	60122			59.59	99.32	
00-00-61	'MP 61	58902			61.4	100.66	
00-00-61	'MP 61	58839			59.89	98.18	
00-00-61	'MP 61	60114			60.39	99	
00-00-61	'MP 61	59024			59.64	97.77	
03-13-15		60285	3.24	13.76	17.62	112.4	
03-13-15		60286	2.88	12.41	14.61	97.23	
10-21-20		59428	10.81	21.32	19.85	103.01	*
11-52-00	'MAP	60083	11.13	52.46		100.94	
11-52-00	'MAP	58903	10.95	51.34		98.87	
15-00-00		59426	13.94			95.02	*
16-23-18		59431	15.75	23.92	18.57	100.58	
18-22-18		59432	17.97	22.38	18.42	101.02	
18-46-00	'DAP	60084	18.57	46.57		101.78	
18-46-00	'DAP	60123	17.45	46.48		99.89	
18-46-00	'DAP	59023	17.32	46.28		99.38	
18-46-00	'DAP	58840	17.90	46.11		100.02	
18-46-00	'DAP	58904	17.58	45.22		98.12	
19-19-19		59427	18.84	18.88	20.45	100.03	
19-19-19		59424	18.86	20.52	20.02	102.23	
19-20-19		59425	19.74	20.44	18.03	100.36	
21-00-00	'AS	58900	20.98			99.9	*
21-00-00	'AS	60112	21.12			100.57	*
21-00-00	'AS	60124	21.19			100.9	*
21-00-00	'AS	59021	20.72			98.67	*
21-00-00	'AS	60080	20.61			98.14	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
21-00-12		59430	19.98		12.13	97.04	
24-15-15		59423	23.82	16.43	14.69	101.05	
46-00-00	'Urea	58841	46.03			100.07	
46-00-00	'Urea	60125	46.14			100.3	
46-00-00	'Urea	60115	46.01			100.02	
46-00-00	'Urea	58901	46.01			100.02	
46-00-00	'Urea	59025	46.15			100.33	
46-00-00	'Urea	60082	46.09			100.2	
<hr/>							
Gaskins Fertilizer Russell Springs ,KY							
00-00-60	'MOP	58548			61.56	102.6	
00-00-60	'MOP	59811			60.13	100.22	
13-18-24		59798	12.91	17.26	25.72	100.67	*
13-18-24		59799	12.99	18.02	24.7	100.48	*
17-15-20		59806	17.51	15.06	19.74	99.61	*
17-15-20		59805	17.5	15.07	20.11	100.28	*
17-15-20		59804	17.47	14.66	20.36	99.87	*
18-46-00	'DAP	58549	17.76	45.31		98.55	
19-19-19		59810	19.07	19.02	18.90	98.08	
20-16-16		59801	19.36	16.56	16.3	99.73	*
21-00-00	'AMS	58547	21.26			101.24	*
21-15-20		59797	22.97	15.39	17.82	99.43	
26-00-16		59800	26.80		14.52	98.88	*
26-11-12		59803	25.72	10.43	12.76	100.07	*
26-11-12		59802	24.65	10.28	13.07	98.13	*
44-00-00	'ESN	59812	44.84			101.91	
46-00-00	'Urea	58550	46.05			100.11	
<hr/>							
Green River Feed Mill Inc Morgantown ,KY							
09-23-30		60078	6.34	15.74	38.56	96.63	
18-24-18		59851	17.58	23.71	18.85	101.7	
19-19-19		59948	18.45	19.56	20.98	101.37	
19-19-19		59949	19.42	19.78	20.53	102.73	
19-19-19		59953	19.74	20.13	19.2	101.71	
19-19-19		59950	19.55	20.32	19.59	102.34	
19-19-19		59853	18.6	18.94	21.78	101.8	
21-14-14		59852	23.29	19.34	9.96	107.74	
22-17-18		59952	21.43	17.61	19.4	102.49	
24-16-16		59951	25.33	16.34	15.38	102.22	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Gro Tec Inc Madison ,GA							
04-03-00	'ProCare Natural Fertilizer	57946	4.68	4.54		130.94	*
10-10-10	'Expert Gardener Flower 10-10-10	58531	9.53	9.98	10.37	99.49	
10-10-10	'Flower Food	60075	9.95	9.8	9.67	98.1	
10-10-10	'Groundwork All-Purpose 10-10-10	58520	9.98	10.24	10.83	104.88	
12-05-07	'All Purpose	60077	10.40	4.228	6.26	86.99	*
12-05-07	'All Purpose Plant Food	58546	13.70	5.6	7.91	113.38	*
12-05-07	'Expert Gardener All Purpose Plant Food 12-5-7	60295	15.92	7.13	8.51	131.73	*
12-05-07	'Expert Gardener All-Purpose 12-5-7	58530	10.79	4.64	5.88	88.9	*
12-06-10	'Rose Food	60074	12.60	5.73	9.67	100.09	*
12-10-05	'Tomato & Vegetable	60076	12.56	10.44	5.47	105.39	*
16-04-08	'Evergreen Tree and Shrub	58545	16.93	4.67	8.99	109.18	*
16-04-08	'Expert Gardener Evergreen Tree and Shrub 16-4-8	58532	12.76	3.86	6.52	82.67	*
18-24-06	'Sta-Green Lawn Starter 18-24-6	58617	17.62	23.83	7.55	101.86	
18-24-06	'Sta-Green Lawn Starter 18-24-6	58294	17.92	23.49	6.23	99.11	
19-06-12	'Sta Green All Purpose	60201	20.03	6.86	13.6	109.33	*
19-06-12	'Sta-Green All Purpose 19-6-12	58619	20.09	6.92	13.73	110	*
24-08-16	'Sta-Green Plant Food 24-8-16	58618	25.07	8.28	15.56	102.02	*
24-25-04	'Expert Lawn Starter	58538	23.16	25.09	4.06	98.68	
32-00-10	'Sta-Green Winterizer 32-0-10	58293	32.77		8.98	100.23	*
32-00-10	'Sta-Green Winterizer Fertilizer	57957	31.22		10.82	99.4	*
Hancock County Farm Supply, Inc. Hawesville ,KY							
00-00-50	'SP	59854			51.76	103.52	
00-00-60	'MP	58308			60.67	101.12	
00-00-60	'MP	59774			60.81	101.35	
18-46-00	'DAP	58307	18.26	45.69		99.96	
18-46-00	'DAP	59772	17.90	46.1		100	
46-00-00	'Urea	59773	46.20			100.43	
Helena Agri-Enterprises - Hazel Hazel ,KY							
06-15-22		58175	6.65	14.84	20.73	98.82	*
06-15-22		58179	6.82	15.36	21.4	102.01	*
06-15-22		58178	7.02	15.6	20.82	102.1	*
06-15-22		58176	6.30	14.28	20.48	95.83	*
06-15-22		58177	6.88	14.71	22.07	101.76	*
07-19-35		58173	7.84	19.51	34.21	100.55	*
08-11-36		59815	7.22	10.86	36.63	100.05	*
08-11-36		59817	7.6	11.42	35.91	100.58	*
08-11-36		59816	7.26	11.12	36.14	99.76	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-10-40		58174	7.45	9.97	42.13	99.83	*
Helena Agri-Enterprises - Hickman Hickman ,KY							
12-31-20		59567	11.97	31.31	21.1	102.66	
12-31-20		59566	11.54	31.01	20.98	101.28	
Helena Agri-Enterprises, LLC - Collierville Collierville ,TN							
00-00-22	'K Mag	58587			22.09	100.41	*
00-00-22	'KMag	58011			23.11	105.05	*
00-00-60	'MP	58335			61.15	101.92	
00-00-60	'MP	58339			61.01	101.68	
00-00-60	'MP	58588			60.53	100.88	
00-00-60	'MP	58013			58.66	97.77	
00-00-60	'MP	58590			59.84	99.73	
10-05-00	'Ele-Max Sulfur LC 10-5-0	60404	9.37	5.27		97.6	*
11-06-05	'ENC Flex 11-6-5	60405	11.39	6.6	5.71	107.61	*
18-46-00	'DAP	58589	17.43	45.52		98.36	
18-46-00	'DAP	58012	18.17	47.5		102.56	
18-46-00	'DAP	58014	18.39	47.35		102.7	
18-46-00	'DAP	58338	18.36	46.66		101.59	
21-00-00	'AMS	58010	21.12			100.57	*
21-00-00	'AS	58337	21.19			100.9	*
21-00-00	'AS	58586	21.14			100.67	*
46-00-00	'Urea	58336	46.11			100.24	
46-00-00	'Urea	58591	46.19			100.41	
Helm Fertilizer Company Administrative Offices Tampa ,FL							
00-00-60	'MOP	58563			61.89	103.15	
00-00-60	'MOP	58565			59.59	99.32	
00-00-60	'MOP	59893			60.84	101.4	
18-46-00	'DAP	58562	17.99	45.74		99.58	
18-46-00	'DAP	59891	17.69	46.63		100.5	
20-00-00	'AMS	58570	20.50			101.49	*
46-00-00	'Urea	59610	46.09			100.2	
46-00-00	'Urea	58568	45.99			99.98	
46-00-00	'Urea	58567	46.14			100.3	
46-00-00	'Urea	59892	46.03			100.07	
46-00-00	'Urea	58566	46.10			100.22	
46-00-00	'Urea	58564	46.13			100.28	
46-00-00	'Urea	58569	46.05			100.11	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Henry Farmers Cooperative - Murray Murray ,KY							
06-15-39		59583	8.25	21.64	30.02	102.23	*
09-23-30		59238	9.16	23.64	29.9	101.18	
09-23-30		59586	8.54	24.37	29.79	101.33	
09-23-30		59585	8.58	23.22	30.4	100.41	
09-23-30		59588	8.49	23.03	30.5	100.1	
09-23-30		59589	9.05	24.97	30.81	104.77	
09-23-30		59584	8.44	23.27	30.94	101.1	
15-17-23		59582	14.43	18.83	23.21	102.6	*
19-16-21		59587	18.79	17.24	20.29	100.48	*
30-08-10		59237	29.49	7.82	11.3	102.89	*
Henry Farmers Cooperative - Paris Paris ,TN							
00-00-60	'MP	58579			59.61	99.35	
00-00-60	'MP	58583			59.51	99.18	
00-00-60	'MP	58585			60.19	100.32	
18-46-00	'DAP	58581	17.53	45.46		98.42	
18-46-00	'DAP	58584	17.27	46.37		99.44	
21-00-00	'AS	58578	20.58			98	*
32-00-00	'32 UAN	59660	32.07			100.22	
46-00-00	'Urea	58582	46.14			100.3	
46-00-00	'Urea	58580	46.16			100.35	
Hinton Mills at Cynthiana Cynthiana ,KY							
03-08-49		59755	3.09	7.63	49.77	101.8	*
07-18-36		59873	7.38	18.4	36.88	101.69	
07-18-36		59872	6.92	18.53	36.99	101.3	
07-19-35		59874	7.26	18.12	36.93	100.93	
12-07-26		59756	12.05	6.86	24.45	99.06	*
24-14-18		59871	22.91	13.6	19.5	100.39	
28-00-24		59757	28.57		23.66	101.32	
29-00-22		59870	28.48		22.64	99.72	
29-00-22		59878	28.62		25.13	104.64	
29-00-22		59877	27.89		23.05	99.29	
34-00-00		59751	32.59			97.28	*
Hydrite Chemical Company Brookville ,WI							
04-00-00	'Hydri-Gro Zn 4.5-0-0	59104	8.48			188.44	*
IMC Outdoor Living a Division of Liberty Tire Recycling Des Peres							
04-04-04	'Burpee All Purpose Plant Food 4-4-4	58318	4.285	3.53	3.975	98.43	*
05-04-04	'Expert Gardener Organics All-Purpose 5-4-4	58529	5.73	4.58	4.49	113.88	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
06-08-00	'Burpee Natural and Organic Bone Meal	58556	8.72	9.27		128.5	*
Innvictis Crop Care LLC Loveland ,CO							
10-20-05	'Captive	59360	10.43	20.85	5.28	104.44	*
20-00-06	'Novus K	59359	19.90		6.6	101.78	*
J. A. Oldfield & Son, Inc. Mize ,KY							
00-00-60	'MP	58790			59.44	99.07	
05-10-15	'Top Crop	58799	5.43	11.19	16.42	109.88	
05-20-20	'Top Crop	58800	8.44	21.72	19.49	110.78	
10-10-10	'Top Crop	60079	10.47	10.95	10.38	106.06	
10-10-10	'Top Crop	58796	10.93	11.4	10.83	110.59	
10-10-10	'Top Crop	59437	10.50	10.95	10.61	106.89	
10-10-10	'Top Crop	59753	10.75	10.17	10.92	106.05	
10-10-10	'Top Crop	60277	10.23	11.6	11.84	112.07	
12-12-12	'Top Crop	58797	12.65	12.82	12.12	104.51	
12-12-12	'Top Crop	60278	12.61	13.66	14.12	112.05	
18-46-00	'DAP	58793	18.02	47.29		102.05	
18-46-00	'DAP	58792	17.31	46		98.92	
19-19-19	'Adams 19-19-19	59413	18.92	19.09	19.18	100.32	
19-19-19	'Shannon Chaney 19-19-19	58795	18.46	19.6	20.98	103.4	
19-19-19	'Sweeney 19-19-19	59414	18.63	18.43	20.28	100.44	
19-19-19	'Top Crop	59754	18.85	17.9	19.71	98.93	
19-19-19	'Top Crop	60279	17.91	20.4	20.66	103.32	
19-19-19	'Top Crop	59868	18.59	19.85	18.71	100.31	
19-19-19	'Top Crop	58798	19.36	20.07	18.83	102.29	
19-19-19	'Top Crop	60058	19.00	19.11	19.1	100.36	
20-31-10		59415	19.17	30.43	10.51	99.55	
27-14-14		59412	26.10	12.98	14.94	100.12	
46-00-00	'Urea	58794	46.20			100.43	
46-00-00	'Urea	58791	46.20			100.43	
J. R. Peters Allentown ,PA							
20-20-20	'Jacks Classic All Purpose 20-20-20	60363	22.60	20.11	20.43	105.31	*
Janes Fertilizer & Farm Supply Columbia ,KY							
00-00-60	'MOP	58435			61.86	103.1	
18-46-00	'DAP	58436	18.06	46.44		100.78	
19-07-26		59169	19.66	6.84	26.6	102.32	*
19-07-26		59168	18.22	7.3	28.07	103.18	*
19-19-19		59170	19.84	20.51	18.61	101.62	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		59172	19.55	20.07	19.57	101.92	
19-19-19		59167	18.54	20.54	20.54	102.53	
19-19-19		59174	19.39	20.96	19.32	102.8	
19-19-19		59171	19.57	20.74	19.15	102.45	
19-19-19		59173	18.30	20.76	20.36	102.2	
19-19-19		59175	18.47	19.93	20.26	100.87	
19-19-19		59176	18.73	19.05	20.94	100.88	
46-00-00	'Urea	58437	46.17			100.37	
46-00-00	'Urea	58434	46.05			100.11	
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Kee's Farm Service & Supply, LLC. Grayson ,KY							
00-00-60	'MP	58801			59.16	98.6	
05-13-42		60130	4.98	12.45	43.32	102.24	*
05-13-42		60131	5.01	12.62	42.37	101.01	*
06-06-06		58806	6.81	7.87	7.33	115	
06-15-37		60136	5.66	14.59	39.26	103.21	*
06-15-37		60135	5.78	14.75	39.1	103.33	*
08-20-33		60134	7.84	19.71	34.97	102.17	*
18-46-00	'DAP	58802	18.08	46.8		101.38	
18-46-00	'DAP	59390	17.66	46.25		99.86	
19-19-19		59389	19.56	19.55	19.7	101.21	
19-19-19		59387	19.18	19.87	20.1	101.75	
22-00-28		59386	21.56		27.23	98.25	
22-00-28		59392	20.82		27.49	97.2	
23-00-30		59388	22.71		28.72	97.1	
46-00-00	'Urea	59391	46.04			100.09	
46-00-00	'Urea	58803	46.05			100.11	
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Ken's Value Center Berry ,KY							
19-19-19	'19-19-19	59072	18.28	20.86	18.85	101.8	
19-19-19	'19-19-19	60231	19.85	19.95	18.76	102.84	
34-00-00	'34-0-0 (Ammonium Nitrate)	60276	34.34			101	
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Kentucky American Seeds - Madisonville Madisonville ,KY							
31-00-00		60374	31.30			0.00	*
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Kentucky Fertilizer - Winchester Winchester ,KY							
00-00-60	'MOP	60189			59.63	99.38	
00-00-60	'MOP	60190			59.94	99.9	
05-10-10	'Kentucky Green	58880	4.87	9.95	10.59	101.51	
10-10-10	'10-10-10	59073	9.30	10.06	10.58	99.64	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-10-10	'Kentucky Green	58881	10.64	11.71	11.54	112.9	
10-10-10	'Kentucky Green	60107	8.29	9.81	10.58	95.33	
10-10-10	'Kentucky Green	60196	8.70	10.8	9.26	95.95	
10-10-10	'Kentucky Green	60025	10.29	10.77	11.84	109.44	
10-20-10	'Kentucky Green	58882	9.86	18.88	10.51	97.99	
10-20-20	'Kentucky Green	60197	10.44	20.73	20.56	103.48	
10-20-20	'Kentucky Green	58883	9.76	20.08	19.69	99.08	
12-12-12	'Kentucky Green	60026	10.94	11.68	9.78	90.22	
12-12-12	'Kentucky Green	58884	11.13	13.13	12.21	101.29	
12-12-12	'Kentucky Green	58885	10.64	10.48	9.93	86.34	
12-12-12	'Kentucky Green	60031	12.58	12.85	12.88	106.39	
13-25-12	'Kentucky Fertilizer 13-25-12	58381	12.17	24.95	11.64	97.53	
15-15-15	'Kentucky Green	58886	14.34	16.09	14.93	100.83	
15-30-15	'Kentucky Green	58887	15.06	31.13	15.32	102.52	
18-46-00	'DAP	60188	17.94	45.75		99.52	
19-19-19	'19-19-19	59042	18.76	19.88	16.61	97.18	
19-19-19	'19-19-19	59041	19.87	17.82	18.54	98.68	
19-19-19	'19-19-19	60205	18.72	18.49	18.97	98.53	
19-19-19	'Kentucky Green	58888	19.46	18.94	18.73	100.27	
19-19-19	'Kentucky Green	60198	17.91	19.1	18.43	97.27	
19-19-19	'Kentucky Green	59865	19.72	20.28	17.98	101.9	
19-35-08	'Kentucky Green	60199	17.95	34.94	7.72	97.77	
46-00-00	'Urea	60187	46.02			100.04	
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Knox Fertilizer Company Inc Knox ,IN							
11-22-10	'Lawn Scape Starter Fertilizer	60032	12.54	22.96	9.79	105.46	
16-12-12	'Schultz All Purpose 16-12-12	58392	17.08	12.75	11.76	104.11	*
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Lesco Inc. Cleveland ,OH							
21-00-00	'AS Lesco Professional Turf Fertilizer	58856	20.81			99.1	*
32-00-03	'Lesco Prof. Fertilizer	58076	29.68		1.27	89.78	*
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Loveland Products, Inc. Greeley ,CO							
07-17-03	'Riser 7-17-3	58852	7.18	17.24	2.76	100.74	*
07-17-03	'Riser 7-17-3	58853	6.89	17.2	2.86	99.85	*
07-17-03	'Riser 7-17-3	58854	7.19	17.02	2.96	100.65	*
10-04-06	'NutriSync Complete 3D 10-4-6	60406	11.02	3.87	5.87	103.94	*
26-00-00	'N-Pact 26-0-0	58855	25.46			97.92	
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Marshall County Coop Benton ,KY							
00-00-60	'MP	59233			59.38	98.97	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
15-17-20		59326	14.76	17.81	20.87	101.05	*
18-18-15		59234	17.11	18.98	16.33	102.51	*
18-18-15		59325	18.37	17.86	14.54	99.75	*
18-19-15		59235	17.55	19.28	14.69	100.78	*
18-46-00 'DAP		59231	17.52	45.36		98.25	
20-09-15		59327	19.72	9.14	15.31	100.52	*
30-00-00 '30-0-0 w/ 6S		59232	30.35			101.17	*
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Mays Lick Mill Mayslick ,KY							
05-14-33		59421	6.14	14.16	32.15	101.1	*
09-23-30		59433	9.11	23.39	29	99.29	
14-00-19		59438	14.24		19.58	103.04	*
14-05-12		60325	14.64	5.26	12.7	103.16	
22-00-00		59436	19.68			90.48	*
24-00-00		59435	24.04			98.65	*
33-00-00		59434	32.80			100.8	*
34-00-00		59441	32.84			98.03	*
36-00-00		59439	35.41			97.82	*
36-00-00		59440	35.51			99.25	
40-00-00		59422	39.23			98.69	*
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Mid States Ag Sales LLC Lavergne ,TN							
00-00-60 'MOP		58412			59.65	99.42	
00-00-60 'MOP		58413			59.8	99.67	
18-46-00 'DAP		58410	17.86	45.33		98.73	
18-46-00 'DAP		58411	18.00	45.44		99.12	
18-46-00 'DAP		58409	18.16	45.1		98.84	
46-00-00 'Urea		58417	45.95			99.89	
46-00-00 'Urea		58415	45.94			99.87	
46-00-00 'Urea		58416	46.03			100.07	
46-00-00 'Urea		58414	45.97			99.93	
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Miracle-Gro Lawn Products, Inc. Marysville ,OH							
09-02-07 'Performance Organics All Purpose		60296	9.74	2.58	6.20	103.32	*
11-03-08 'Miracle-Gro Performance Organics All Purpose 11-3-8		58519	10.91	4.08	10.26	114.39	*
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Monty's Plant Food Louisville ,KY							
08-16-08 'Monty s Plant Vantage Premium Growth		60365	8.85	17.08	7.94	106.0	*
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Nutrien Ag Solutions - Russellville Russellville ,KY							
08-23-28		58034	7.70	22.06	29.04	99.93	*
08-23-28		58086	7.45	22.76	29.44	101.32	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
08-23-28		58033	7.55	22.31	29	100.04	*
09-23-23		58085	9.34	24.86	22.39	103.78	*
09-23-23		58084	9.28	24.94	22.68	104.23	*
09-27-22		58149	9.71	26.78	22.1	100.71	*
10-28-22		58087	9.84	27.78	23.62	102.72	*
10-28-22		58083	10.14	28.79	21.41	102.21	*
10-28-22		58031	9.85	27.27	22.51	100.31	*
10-28-22		58032	9.76	27.34	22.2	99.84	*
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Nutrien Ag Solutions - Beaver Dam Beaver Dam ,KY							
06-16-40		59762	6.21	16.58	39.31	101.31	
06-16-40		59761	6.40	16.67	39.32	101.8	
06-16-40		59760	6.36	16.54	39.55	101.87	
09-23-30		59764	9.21	23.7	29.96	101.46	
16-21-22		59763	16.23	22.55	21.82	102.02	
19-19-20		59771	18.85	20.55	21.02	104.04	
19-19-20		59765	19.46	19.49	20.48	102.36	
19-19-20		59759	20.39	22.68	16.42	103.01	
23-17-17		59767	23.26	17.08	17.16	101.64	
23-17-17		59766	22.91	17.32	17.3	101.67	
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Nutrien Ag Solutions - Campbellsville Campbellsville ,KY							
14-14-24		59966	13.77	13.64	24.7	100.31	*
20-20-19		59965	18.74	19.98	20	101.01	
22-12-18		59794	22.02	11.42	18.68	100.23	*
22-12-18		59795	22.01	11.94	19.33	102.43	*
26-00-19		59964	25.01		21.53	101.83	*
26-00-19		59963	25.77		20.44	101.7	*
26-00-19		59962	26.78		20.44	104	*
30-10-09		60141	30.40	10.4	8.84	101.3	*
30-10-09		60142	30.45	10.21	8.8	100.93	*
30-10-09		60140	31.04	11.25	7.02	100.9	*
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Nutrien Ag Solutions - Cecilia Cecilia ,KY							
15-26-20		59108	15.67	25.8	19.47	100.06	
16-22-22		59105	16.49	21.04	23.65	102.8	
19-19-19		59107	18.51	19.1	21.55	101.88	
19-19-19		59110	19.35	19.92	19.84	101.98	
20-28-12		59114	19.65	27.89	12.84	101.28	
24-16-16		59106	23.40	15.7	17.96	101.83	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
24-16-16		59111	24.25	17.08	15.99	102.41	
25-15-15		59113	25.15	15.42	16.2	102.3	
27-14-14		59109	26.19	14.49	15.38	102.8	
32-10-10		59112	32.63	9.7	10.18	100.15	
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Nutrien Ag Solutions - Clarkson Clarkson ,KY							
14-13-32		59197	13.83	12.53	33.93	102.91	
18-18-17		59273	17.52	18.16	18.29	102.34	*
19-13-20		59453	18.91	13.94	20.36	101.02	*
20-13-19		59451	19.70	12.9	19.67	99.62	*
20-19-19		59196	19.23	19.33	20.93	102.33	
20-19-19		59200	19.38	20.98	18.79	102	
20-19-19		59198	18.79	19.84	20.62	101.95	
20-19-19		59452	19.76	20.33	19.2	102.21	
20-19-19		59199	20.09	19.67	19.45	102.04	
20-19-19		59195	19.60	19.02	21.12	102.75	
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Nutrien Ag Solutions - Clay Clay ,KY							
05-16-36		59647	4.89	16.16	36.08	100.65	*
06-20-30		59645	6.07	20.46	29.08	99.46	*
06-20-30		59638	5.94	21.32	29.31	101.21	*
10-18-27		59642	10.53	18.57	26.61	101.61	*
10-18-27		59643	10.56	17.85	26.44	100.01	*
16-22-22		59639	15.57	22.19	23.15	101.92	
19-19-20		59648	19.03	19.26	20.37	100.94	
19-19-20		59640	18.95	18.76	21.16	101.2	
19-19-20		59644	19.31	20.13	19.99	102.37	
19-19-20		59646	19.11	19.21	20.64	101.45	
26-10-15		59641	26.03	10.95	14.77	101.6	*
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Nutrien Ag Solutions - Ekron Ekron ,KY							
06-21-28		59993	6.36	21.94	27.45	100.13	*
06-21-28		59994	6.36	21.69	27.56	99.85	*
08-21-32		59995	8.73	23.2	32.26	103.9	
16-16-16		59989	16.91	16.65	15.01	103.62	*
17-19-23		59996	17.55	18.64	23.21	101.47	
20-16-16		59988	19.24	19.47	15.7	104.52	*
20-18-14		59990	21.18	17.86	13.36	101.22	*
22-20-09		59991	22.03	19.33	10.2	100.91	*
22-20-09		59992	21.45	19.47	10.62	100.81	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
33-08-08		59997	32.02	9.01	9.53	102.72	*
Nutrien Ag Solutions - Fancy Farm Fancy Farm ,KY							
06-15-40		58187	4.40	17	38.68	97.92	
06-15-40		58188	4.38	18.59	37.91	99.9	
12-19-20		59562	12.88	19.34	19.36	100.01	*
12-19-20		59563	12.25	18.73	19.81	98.37	*
Nutrien Ag Solutions - Glasgow Glasgow ,KY							
19-19-19		59625	15.66	14.72	28.29	99.89	
19-19-19		58691	20.58	20.58	18.62	103.08	
24-11-16		59621	18.91	9.183	26.12	104.08	*
24-11-16		59622	20.85	9.185	23.25	102.67	*
24-11-16		59623	22.25	9.825	20.89	102.38	*
24-11-16		59624	21.88	9.995	20.48	101.23	*
25-15-15		59358	24.86	17.03	15.2	103.12	
26-11-13		58692	26.48	11.65	13.84	103.5	*
27-13-10		59357	23.23	15.1	14.34	104.03	*
33-09-10		59626	29.83	9.25	14.60	102.65	
Nutrien Ag Solutions - Greeley Greeley ,CO							
00-00-22	'K Mag	59366			22.19	100.86	*
00-00-22	'K Mag	58094			22.65	102.95	*
00-00-22	'K Mag	58460			22.49	102.23	*
00-00-50	'SOP	58577			50.8	101.6	
00-00-50	'SOP	58500			51.94	103.88	
00-00-50	'SOP	58527			51.46	102.92	
00-00-58	'Aspire	57993			57.46	99.07	*
00-00-58	'Aspire	58944			58.33	100.57	*
00-00-60	'MOP	60157			60.51	100.85	
00-00-60	'MOP	58378			59.31	98.85	
00-00-60	'MOP	58860			59.65	99.42	
00-00-60	'MOP	58859			59.78	99.63	
00-00-60	'MOP	58504			60.37	100.62	
00-00-60	'MOP	58077			59.01	98.35	
00-00-60	'MOP	58505			61	101.67	
00-00-60	'MOP	58573			59.53	99.22	
00-00-60	'MOP	58419			60.53	100.88	
00-00-60	'MOP	60001			59.74	99.57	
00-00-60	'MOP	58734			59.94	99.9	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	59822			60.49	100.82	
00-00-60	'MOP	58312			58.98	98.3	
00-00-60	'MOP	58729			60.16	100.27	
00-00-60	'MOP	58457			61.16	101.93	
00-00-60	'MOP	60217			60.02	100.03	
00-00-60	'MOP	58125			60.06	100.1	
00-00-60	'MP	58522			60.7	101.17	
00-00-60	'MP	58528			59.92	99.87	
00-00-60	'MP	58185			59.57	99.28	
00-00-60	'MP	58479			60.05	100.08	
00-00-60	'MP	59565			59.69	99.48	
00-00-60	'MP	58478			59.18	98.63	
00-00-60	'MP	58186			58.92	98.2	
00-00-60	'MP	58525			60.7	101.17	
00-00-60	'MP	57998			59.39	98.98	
00-00-60	'MP	58467			60.56	100.93	
00-00-60	'MP	59361			60.54	100.9	
00-00-60	'MP	58092			58.85	98.08	
00-00-60	'MP	58848			60.74	101.23	
00-00-60	'mp	58065			59.21	98.68	
00-00-60	'MP	58265			58.07	96.78	
00-00-60	'MP	58003			59.46	99.1	
00-00-60	'MP	58715			61.32	102.2	
00-00-60	'MP	57994			59.39	98.98	
00-00-60	'MP	58996			59.2	98.67	
00-00-60	'MP	58985			59.63	99.38	
00-00-60	'MP	57958			60.26	100.43	
00-00-60	'MP	58945			59.49	99.15	
00-00-60	'MP	58981			58.88	98.13	
00-00-60	'MP	59213			60.39	100.65	
00-00-60	'MP	58259			57.77	96.28	
00-00-60	'MP	58785			59.97	99.95	
00-00-60	'MP	58137			59.98	99.97	
00-00-60	'MP	58245			60.05	100.08	
00-00-60	'MP	58714			61.19	101.98	
00-00-60	'MP	58110			59.78	99.63	
00-46-00	'0-46-0	58425		46.42		100.91	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-46-00	'TSP	58108		45.1		98.04	
00-46-00	'TSP	58127		45.8		99.57	
00-46-00	'TSP	57996		45.75		99.46	
00-46-00	'TSP	58002		47.07		102.33	
00-46-00	'TSP	59212		45.64		99.22	
00-46-00	'TSP	58733		45.47		98.85	
04-06-32	'Agrium Pak 4-6-32	58480	4.59	7.29	30.72	101.76	*
11-52-00	'MAP	58093	11.12	53.33		102.28	
12-40-00	'MES	58311	11.90	39.58		99	*
12-40-00	'MES	60159	11.69	39.3		98.06	*
12-40-00	'MES	60158	11.66	39.7		98.77	*
12-40-00	'MES 10	58260	12.01	39.24		98.59	*
12-40-00	'MES 10	58248	12.14	40.29		100.83	*
12-40-00	'MES 10	58418	11.83	39.95		99.58	*
12-40-00	'MES 10	58459	11.73	40.68		100.79	*
12-40-00	'MES 10	58787	11.76	39.98		99.5	*
12-40-00	'MES 10	59823	11.69	40.72		100.79	*
12-40-00	'MES 10	58997	11.82	39.64		98.96	*
12-40-00	'MES 10	58995	11.74	39.98		99.46	*
12-40-00	'MES 10	58946	11.66	39.79		98.94	*
12-40-00	'MES 10	57961	11.95	39.94		99.78	*
12-40-00	'MES 10	58850	11.48	39.38		97.81	*
12-40-00	'MES 10	58078	11.88	39.91		99.58	*
12-40-00	'MES 10	58096	12.00	39.23		98.55	*
12-40-00	'MES 10	58783	11.95	40.72		101.29	*
12-40-00	'MES 10	58731	11.74	40.02		99.54	*
12-40-00	'MES 10	58716	11.69	40.59		100.54	*
12-40-00	'MES 10	58126	11.90	38.92		97.76	*
12-40-00	'MES 10	60000	11.81	40.46		100.52	*
12-40-00	'MES 10	58524	11.84	39.66		99.04	*
12-40-00	'MES 10	58576	11.76	40.05		99.63	*
12-40-00	'MES 10	58501	11.62	39.06		97.46	*
12-40-00	'MES10	58139	11.86	39.6		98.96	*
12-40-00	'MES10	58377	12.94	41.29		104.29	*
12-40-00	'MES10	57999	12.00	40.74		101.39	*
12-40-00	'MES10	57995	11.75	40.04		99.56	*
12-40-00	'MEZ	58095	11.64	40.53		100.25	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58984	17.35	45.55		98.28	
18-46-00	'DAP	59214	17.71	45.53		98.81	
18-46-00	'DAP	58503	17.73	45.69		99.09	
18-46-00	'DAP	58502	17.65	45.13		98.09	
18-46-00	'DAP	59215	17.48	45.71		98.73	
18-46-00	'DAP	58983	17.34	45.18		97.69	
18-46-00	'DAP	58849	17.52	45.51		98.48	
18-46-00	'DAP	58380	17.67	45.99		99.47	
18-46-00	'DAP	58379	17.73	46.11		99.75	
18-46-00	'DAP	58477	17.36	46.72		100.12	
18-46-00	'DAP	58998	18.17	45.68		99.77	
18-46-00	'DAP	58461	17.85	45.74		99.36	
18-46-00	'DAP	58982	17.24	45.07		97.36	
18-46-00	'DAP	58784	17.57	46.54		100.17	
18-46-00	'DAP	59362	17.16	46.15		98.92	
18-46-00	'DAP	58712	17.26	46.14		99.06	
18-46-00	'DAP	58458	18.13	47.69		102.84	
18-46-00	'DAP	58713	17.63	46.05		99.5	
18-46-00	'DAP	59363	17.15	46.17		98.94	
18-46-00	'DAP	58728	17.92	45.33		98.83	
18-46-00	'DAP	58857	17.76	45.11		98.23	
18-46-00	'DAP	58420	17.76	45.30		98.53	
18-46-00	'DAP	58786	17.61	46.67		100.44	
18-46-00	'DAP	58466	17.59	46.97		100.88	
18-46-00	'DAP	60216	17.45	45.2		97.89	
18-46-00	'DAP	58727	18.24	45.4		99.44	
18-46-00	'DAP	60154	17.96	46.96		101.44	
18-46-00	'DAP	60153	20.12	45.31		102.23	
18-46-00	'DAP	58523	17.35	45.94		98.89	
18-46-00	'DAP	58572	17.92	45.28		98.75	
18-46-00	'DAP	58257	18.11	45.77		99.83	
18-46-00	'DAP	58097	18.18	46.76		101.46	
18-46-00	'DAP	57960	18.32	47.01		102.07	
18-46-00	'DAP	58079	17.64	45.63		98.84	
18-46-00	'DAP	58066	15.43	48.26		99.15	
18-46-00	'DAP	58109	17.56	45.31		98.22	
18-46-00	'DAP	58246	18.16	45.88		100.08	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58266	17.76	45.08		98.2	
18-46-00	'DAP	58004	17.68	45.83		99.21	
18-46-00	'DAP	57959	17.96	45.08		98.53	
18-46-00	'DAP	59564	17.25	46.07		98.94	
18-46-00	'DAP	58258	18.13	44.87		98.5	
18-46-00	'DAP	58138	17.80	45.01		98.16	
18-46-00	'DAP	57997	17.61	45.87		99.15	
18-46-00	'DAP	58184	11.58	50.64		96.34	
18-46-00	'DAP	58264	11.84	51.79		98.52	
18-46-00	'DAP	58247	18.10	47.15		101.92	
20-00-00	'AS	58482	20.52			102.6	*
20-00-00	'AS	58376	20.43			102.15	*
20-00-00	'AS	59261	20.29			101.45	*
21-00-00	'AMS	58730	20.91			99.57	*
21-00-00	'AS	58456	20.56			97.9	*
21-00-00	'AS	60215	20.24			96.38	*
21-00-00	'AS	59365	20.67			98.43	*
21-00-00	'AS	58468	20.67			98.43	*
21-00-00	'AS	59825	20.59			98.05	*
44-00-00	'ESN	58863	45.00			102.27	
44-00-00	'ESN	58861	44.95			102.16	
44-00-00	'ESN	59210	44.97			102.2	
44-00-00	'ESN	58851	44.94			102.14	
44-00-00	'ESN	60156	44.47			101.07	
44-00-00	'ESN	58788	45.12			102.55	
44-00-00	'ESN	58725	45.84			104.18	
44-00-00	'ESN	58994	45.09			102.48	
44-00-00	'ESN	59824	44.54			101.23	
44-00-00	'ESN Urea	59999	45.12			102.55	
44-00-00	'ESN Urea	58571	45.51			103.43	
44-00-00	'ESN Urea	58426	45.02			102.32	
45-00-00	'45-0-0	58943	45.31			100.69	
46-00-00	'Urea	58732	46.20			100.43	
46-00-00	'Urea	58980	46.07			100.15	
46-00-00	'Urea	58726	46.13			100.28	
46-00-00	'Urea	58993	46.20			100.43	
46-00-00	'Urea	58462	46.15			100.33	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	60155	46.01			100.02	
46-00-00	'Urea	58526	46.14			100.3	
46-00-00	'Urea	59998	46.20			100.43	
46-00-00	'Urea	58481	46.02			100.04	
46-00-00	'Urea	59364	46.20			100.43	
46-00-00	'Urea	58506	46.08			100.17	
46-00-00	'Urea	58575	46.18			100.39	
46-00-00	'Urea	58574	46.19			100.41	
46-00-00	'Urea	60218	46.18			100.39	
46-00-00	'Urea	60219	46.05			100.11	
46-00-00	'Urea	59821	46.12			100.26	
46-00-00	'Urea	58717	46.01			100.02	
46-00-00	'Urea	59211	46.10			100.22	
46-00-00	'Urea	58789	46.20			100.43	
46-00-00	'Urea	58862	45.98			99.96	
46-00-00	'Urea	58424	46.18			100.39	
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Nutrien Ag Solutions - Hardin Hardin ,KY							
06-20-30		59819	6.02	20.1	29.82	99.91	*
06-20-30		59820	5.91	20.14	30.28	100.57	*
09-23-30		59580	8.91	23.89	29.32	100.29	
09-23-30		59581	8.76	23.93	30.13	101.36	
09-23-30		58302	9.07	23.78	30.36	102.04	
09-23-30		58301	9.64	22.97	29.76	100.91	
10-00-30		59236	10.45		29.8	99.39	*
15-10-13		59818	15.18	9.92	12.58	99.5	*
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Nutrien Ag Solutions - Henderson Henderson ,KY							
00-27-25		58310		27.01	23.93	98.64	
00-27-25		58309		27.31	23.97	99.37	
00-27-25		58191		27.67	23.62	99.61	
00-27-25		58192		26.76	24.12	98.41	
00-27-25		58193		27.65	23.61	99.55	
07-17-22		58268	7.17	16.92	22.16	102.46	*
07-17-22		58267	7.00	16.82	22.72	102.77	*
09-23-30		59768	9.15	23.44	29.7	100.57	
09-23-30		59770	8.93	24.27	29.66	101.53	
09-23-30		59769	9.17	24.5	28.7	100.83	
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Nutrien Ag Solutions - Lebanon Lebanon ,KY							

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-13-44		60165		13.5	44.01	102.52	
00-18-36		60170		19.14	37.59	104.33	
00-18-37		60168		19.29	36.61	102.59	
27-11-15		60167	26.61	11.61	15.53	99.56	
27-12-15		60171	27.2	11.3	14.9	98.92	
32-00-13		60166	31.15		13.73	99.93	*
32-00-13		60164	30.67		13.34	98.18	*
41-00-00		60173	39.83			97.86	*
41-00-00		60172	40.11			98.55	*
41-00-00		60169	39.68			97.49	*
Nutrien Ag Solutions - Liquid River Terminal Owensboro ,KY							
26-00-00	'NexBlu S 26-0-0-2.75	60382	26.41			101.58	*
29-00-00		60380	27.58			95.4	*
31-00-00		60387	30.11			95.71	*
31-00-00		60379	31.30			0.00	*
32-00-00	'32-0-0	60385	30.46			95.19	
32-00-00	'32-0-0	60386	31.77			99.28	
32-00-00	'32-0-0	60384	31.51			0.00	
32-00-00	'32-0-0	60383	32.24			0.00	
32-00-00	'32-0-0	60388	32.57			101.78	
32-00-00		60381	31.94			0.00	
Nutrien Ag Solutions - Morganfield Morganfield ,KY							
06-19-33		58165	6.43	18.83	32.53	98.69	*
06-19-33		58164	6.23	17.98	33.8	98.42	*
06-19-33		58163	6.51	19.06	32.48	99.25	*
06-19-33		58162	6.38	18.78	33.52	99.92	*
06-19-33		58161	6.41	18.68	33.02	99.06	*
06-19-33		58160	5.94	17.58	34.76	98.39	*
06-19-33		58135	6.34	19.4	31.8	98.57	*
06-19-33		58134	6.61	20.53	31.64	101.17	*
06-19-33		58133	6.44	19.81	31.9	99.74	*
06-19-33		58136	6.34	19.18	31.98	98.39	*
Nutrien Ag Solutions - Pembroke Pembroke ,KY							
06-16-18		58281	7.23	16.57	14.82	98.67	
06-16-18		58280	7.01	16.66	14.78	98.16	
09-23-25		58115	9.70	24.60	22.94	101.17	*
09-23-25		58118	9.25	24.47	23.49	100.89	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-25		58116	8.78	23.29	25.87	100.98	*
09-23-25		58117	8.81	23.03	26.35	101.22	*
09-23-25		58091	8.89	23.57	26.36	102.46	*
09-23-25		58090	8.59	22.42	28.06	102	*
10-26-26		58282	10.61	27.25	24.43	100.99	
Nutrien Ag Solutions - Riverport Owensboro ,KY							
06-20-30		59636	5.87	20.9	29.84	101.18	*
06-20-30		59630	5.74	20.91	30.62	102.28	*
07-18-37		58323	6.74	17.45	36.86	99.01	
07-18-37		58324	6.36	16.67	39.04	99.78	
09-23-30		59631	9.05	23.79	28.92	99.74	
09-23-30		59635	8.98	23.77	29.57	100.61	
19-28-00		59633	18.56	27.11		97.73	*
22-14-21		59637	20.30	14.34	22.61	101.52	
22-14-21		59634	19.90	14.16	22.93	101	
24-10-20		59632	23.41	11.31	21.13	102.07	
Nutrien Ag Solutions - Sacramento Sacramento ,KY							
09-23-30		59216	9.20	24.86	29.52	102.71	
09-23-30		59220	8.92	23.69	30.63	102	
09-23-30		59217	8.89	23.55	31.36	102.84	
09-23-30		59219	8.51	23.2	31.8	102.3	
09-23-30		59218	9.12	23.86	30.68	102.69	
16-18-24		59314	16.81	19.69	23.85	102.74	
16-18-24		59315	16.40	18.71	25.47	102.93	
18-17-22		59317	18.52	18.83	21.69	101.96	
18-17-22		59318	17.90	18.69	21.89	100.94	
18-17-22		59316	18.16	18.47	22.83	102.55	
Nutrien Ag Solutions - Sedalia Sedalia ,KY							
06-20-30		59239	5.97	21.11	30.03	102.06	*
07-18-23		58249	7.75	18.02	23.83	104.24	
09-23-30		59241	8.76	23.52	29.82	100.19	
09-23-30		59240	8.65	23.54	30.44	101	
23-00-30		59242	23.69		28.94	99.43	
39-00-00		59243	38.78			100.54	*
Nutrien Ag Solutions - Shelbyville Shelbyville ,KY							
07-18-36		59786	7.87	18.43	34.82	99.38	
09-23-30		59787	9.41	24.13	29.17	101.33	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
16-00-05		59259	16.53		5.36	101.99	*
16-00-05		59260	16.39		5.34	101.24	*
19-19-19		59266	18.42	19.76	18.67	99.83	
20-43-00		59262	18.78	42.66		97.5	
22-08-22		59784	20.48	7.99	24.14	101.16	*
22-08-22		59785	22.15	8.24	22.5	101.97	*
22-17-18		59265	21.93	18.25	17.03	100.57	
29-17-08		59264	28.59	17.18	8.67	101.42	
35-05-10		59263	34.47	5.74	9.54	101.12	
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Nutrien Ag Solutions - Upton Upton ,KY							
15-15-18		59680	15.47	16.16	17.62	100.62	*
18-18-18		59684	17.46	17.24	20.7	104.69	*
18-18-18		59679	16.99	19.11	17.93	102.47	*
25-13-13		59682	25.43	13.41	13.12	102.13	*
25-13-13		59681	24.97	12.91	13.27	100.48	*
25-13-13		59683	25.31	13.6	12.96	101.97	*
26-12-12		59687	27.12	13.12	11.05	101.63	*
32-09-09		59688	32.39	9.68	8.99	103.34	*
35-12-00		59685	34.61	12.38		100.13	*
35-12-00		59686	35.69	12.05		101.73	*
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Nutrien Ag Solutions - Waverly Waverly ,KY							
06-19-31		58189	5.66	18.7	30.22	98.32	*
06-19-31		58190	5.65	18.9	30.95	99.84	*
06-20-30		58239	5.94	20.21	29.83	100.8	*
06-20-30		58238	5.94	20.59	29.67	101.35	*
06-21-28		58200	6.23	21.23	28.58	100.36	*
06-21-28		58199	6.28	21.56	28.43	100.92	*
06-21-28		58198	6.19	20.72	28.86	99.64	*
07-22-27		58197	6.37	21.29	28.31	100.09	*
07-22-27		58194	5.50	18.75	31.68	97.99	*
07-22-27		58195	6.54	21.9	27.36	100.29	*
07-22-27		58196	6.76	22.51	26.69	101.03	*
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Nutrien Ag Solutions Inc Henderson ,KY							
31-00-00		60391	31.17			99.11	*
32-00-00 '32-0-0		60390	31.29			97.78	
32-00-00 '32-0-0		60389	32.10			100.31	
32-00-00 'UAN 32-0-0		60052	31.04			97	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
32-00-00	'UAN 32-0-0	60055	31.68			99	
32-00-00		60053	31.62			99.68	*
32-00-00		60054	31.55			99.5	*
Otis Bryant & Son, Inc. Caneyville ,KY							
14-14-14		59444	14.59	14.99	15.66	105.77	*
17-17-17		59449	16.56	17.2	19.52	103.63	*
17-17-17		59442	16.64	17.02	18.12	100.85	*
17-17-17		59443	16.80	18.19	17.53	102.42	*
19-14-18		59446	19.43	14.22	18.56	100.28	*
19-19-19		59448	19.91	20.27	19.67	103.8	
19-19-19		59890	19.17	19.22	20.87	101.84	
19-19-20		59447	19.22	20.19	18.8	100.27	
19-19-20		59445	19.64	20.52	18.45	101.02	
21-15-20		59450	21.52	15.38	20	100.44	
Paducah-McCracken Riverport Authority Paducah ,KY							
09-23-30		59726	9.43	24.37	28.50	100.72	
09-23-30		59725	9.08	24.4	29.74	102.07	
Parker Farm Supply Port Royal ,KY							
00-00-50	'SOP	59549			50.86	101.72	
00-00-60	'MOP	58472			60.93	101.55	
06-15-40		60150	5.81	15.95	41.33	102.85	
06-15-40		60151	6.01	15.61	41.37	102.67	
09-23-30		60146	8.84	22.93	31.38	101.75	
12-05-13		59548	12.03	5.16	14.13	102.02	
12-05-13		59550	12.35	5.26	14.11	103.38	
14-00-39		60147	14.15		41.01	103.01	*
18-46-00	'DAP	58473	17.31	44.48		96.55	
22-09-24		59553	22.81	9.83	22.82	100.58	
22-09-24		59552	22.40	9.48	23.51	100.43	
22-09-24		59551	22.40	9.39	23.62	100.45	
23-17-15		60149	23.78	16.79	14.66	99.57	
25-15-15		60148	25.14	14.49	15.51	99.39	
46-00-00	'Urea	58375	46.15			100.33	
46-00-00	'Urea	60152	46.03			100.07	
Parrish Shop & Sales, LLC Henderson ,KY							
07-24-06	'7-24-6 Plus 4% S Parrish Ortho Max	59103	7.22	23.72	6.94	102.21	*
Patriot Ag LLC - Clinton Clinton ,KY							

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		59573	9.14	24.89	28.66	101.33	
09-23-30		59571	8.61	23.56	30.34	100.81	
09-23-30		59572	8.66	24.46	29.83	101.61	
11-17-24		59579	11.28	18.02	23.87	101.87	*
11-17-24		59577	11.27	18.03	23.59	101.36	*
11-17-24		59578	11.56	17.9	23.13	100.83	*
11-18-24		59568	11.24	18.79	23.75	100	*
11-18-24		59570	11.18	19	23.72	100.23	*
11-18-24		59569	10.90	18.77	24.95	101.44	*
11-18-24		59575	11.16	19.31	23.34	100.12	*
11-18-24		59576	11.09	19.65	23.22	100.42	*
11-18-24		59574	11.43	20.28	23.2	102.25	*
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Patriot Ag LLC - Mayfield Mayfield ,KY							
00-00-60 'MP		58463			61.43	102.38	
00-00-60 'MP		59035			59.04	98.4	
11-18-24		59036	12.12	17.00	21.52	94.25	*
18-46-00 'DAP		59034	17.69	45.06		98.05	
18-46-00 'DAP		58464	17.56	46.3		99.78	
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PBI Gordon Corp Shawnee ,KS							
20-00-00 'Gordon s Liquid Lawn & Pasture 20-0-0		58539	20.28			101.4	*
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Pinnacle Ag - Franklin Franklin ,KY							
00-18-26		58075		19.83	27.04	105.67	
00-18-26		58074		19.97	27.69	107.31	
06-17-14		58295	6.39	15.84	16.46	102.02	
06-17-14		58296	7.32	16.03	14.45	101.25	
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Pinnacle Ag - Russellville Russellville ,KY							
07-22-21		57979	7.02	23.08	21.37	103.11	*
07-22-21		57978	6.90	22.47	21.25	101.26	*
07-24-17		57980	7.38	24.83	17.99	102.2	*
07-24-17		57986	7.33	24.67	17.68	101.22	*
07-24-17		57981	7.31	24.6	17.82	101.25	*
07-24-17		57985	7.56	24.54	18.01	102.03	*
07-24-17		57983	7.31	25.07	18.07	102.69	*
07-24-17		57982	7.33	25.07	17.52	101.85	*
07-24-17		57977	7.48	24.59	17.61	101.3	*
07-24-17		57984	7.26	25.07	18.3	102.95	*
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Pinnacle Agriculture Distribution Inc Loveland ,CO							

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	58062			61.09	101.82	
00-00-60	'MOP	58061			61.52	102.53	
00-00-60	'MP	58263			59.31	98.85	
00-00-60	'MP	58475			60.92	101.53	
00-00-60	'MP	58007			60.2	100.33	
00-00-60	'MP	58006			62.68	104.47	
00-46-00	'TSP	58008		45.5		98.91	
00-46-00	'TSP	58064		45.46		98.83	
18-46-00	'DAP	58005	17.53	46.27		99.63	
18-46-00	'DAP	58063	17.85	45.26		98.62	
18-46-00	'DAP	58474	17.55	45.63		98.72	
18-46-00	'DAP	58261	17.90	45.18		98.59	
46-00-00	'Urea	58476	46.02			100.04	
Pleasant View Agri-Service Auburn ,KY							
16-18-21		59705	15.73	21	20.07	103.37	
18-18-18		59703	18.20	18.2	18	102.09	
18-18-18		59704	17.76	19.4	17.31	102.38	
18-18-18		59702	17.45	18.79	17.76	101.37	
18-18-18		59701	17.38	16.15	19.13	98.59	
21-14-14		59699	20.83	14.62	14.14	100.07	
Pro Ag Sales & Service - Danville Danville ,KY							
00-00-50	'SOP	60339	2.48		45.90	91.8	
00-12-45		60337		10.67	44.47	97.51	
05-10-10	'ProAg	59867	4.66	9.39	10.9	99.51	
06-12-12	'6-12-12	59037	5.94	12.96	12.42	104.43	
10-10-10	'10-10-10	59039	9.08	9.78	10.74	98.47	
10-10-10	'Pro Ag	60210	8.67	7.62	10.43	88.67	
13-09-24		59929	13.43	9.12	24.11	101.48	
13-09-24		59930	12.89	9.62	25.12	103.5	
13-09-24		59931	13.59	9.12	24.86	103.41	
13-09-24		59928	14.12	8.94	24.63	103.72	
13-13-13	'Pro Ag	60209	13.75	12.77	13.01	101.39	
16-03-06	'Pro Ag	60206	19.38	3.03	6.22	114.72	
18-46-00	'DAP	60340	17.56	46.19		99.61	
19-19-19	'19-19-19	59038	17.65	20.63	18.99	100.49	
19-19-19	'Pro Ag	60211	19.16	19.42	18.7	100.55	
19-19-19	'Pro Ag	60208	18.80	18.63	20.42	101.34	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19	'ProAg	59866	19.67	18.33	19.38	100.63	
20-10-19		60252	20.43	9.28	19.65	100.75	*
23-00-30		60338	22.55		29.68	98.53	
23-00-30		59932	22.05		31.21	100.33	
23-00-30		59927	23.51		29.7	100.46	
33-00-16		60251	32.78		16.3	99.93	
35-00-00	'Pro Ag	60207	34.48			98.51	*
46-00-00	'Pro Ag	60212	46.14			100.3	
46-00-00	'Urea	59040	46.00			100	
Pro Solutions - Crofton Crofton ,KY							
08-21-32		59935	8.65	22.28	31.22	100.61	
08-21-32		59936	8.55	21.94	31.16	99.77	
08-22-30		58107	7.97	22.78	29.6	102.91	*
08-22-30		58101	8.29	24.21	27.91	103.96	*
08-22-30		58100	7.98	23.38	27.08	100.52	*
08-22-30		58099	7.77	23.12	30.36	104.22	*
08-22-30		58098	8.16	23.48	28.99	103.8	*
08-25-25		58122	8.80	26.98	22.67	102.26	*
08-25-25		58120	8.40	25.34	26.22	103.26	*
08-25-25		58124	9.38	27.53	20.27	101.16	*
08-25-25		58123	9.23	27.87	20.68	102.07	*
08-25-25		58119	8.59	26.48	24.36	103.23	*
08-25-25		58121	8.37	25.52	25.3	102.25	*
10-26-27		59933	10.28	27.14	25.66	101.56	
10-26-27		59934	10.05	26.45	25.6	99.95	
28-08-11		59937	27.45	8.95	11.18	102.6	*
Pro Solutions - Springfield Springfield ,TN							
00-00-60	'MP	58330			61.25	102.08	
00-00-60	'MP	58105			59.73	99.55	
00-00-60	'MP	58106			59.55	99.25	
00-00-60	'MP	58329			61.6	102.67	
12-40-00	'MES 10	58104	11.96	41.03		101.85	*
12-40-00	'MESZ	58328	11.76	40.2		99.88	*
18-46-00	'DAP	58325	17.82	45.46		98.88	
18-46-00	'DAP	58102	17.82	45.86		99.49	
18-46-00	'DAP	58103	17.71	46.06		99.61	
18-46-00	'DAP	58326	18.11	46.22		100.52	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	58327	46.06			100.13	
Reliance Ag - Russellville Russellville ,KY							
08-21-27		58152	8.44	21.59	26.28	102.26	*
08-21-27		58150	7.91	20.58	26.47	99.29	*
08-21-27		58151	8.26	20.91	25.99	100.03	*
08-21-27		58153	8.59	21.63	25.83	102	*
08-21-27		58154	8.31	20.57	27.79	102.14	*
08-21-27		58155	8.21	19.94	27.54	100.26	*
08-21-27		58156	8.23	20.54	26.59	100.45	*
08-21-27		58157	8.41	20.56	26.7	101.06	*
08-21-27		58159	8.51	21.24	26.02	101.66	*
08-21-27		58158	8.49	21.59	26.5	103.05	*
Rhodes Farm Supply Scottsville ,KY							
19-19-19	'19-19-19	60371	19.57	19.57	18.36	100.99	
Rip's Farm Center - Tollesboro Tollesboro ,KY							
00-00-20		60310			19.73	98.65	
00-00-20		60309			19.97	99.85	
00-00-50	'SP	58963			49.68	99.36	
00-00-60	'MP	58964			59.61	99.35	
00-00-60	'MP	60093			59.91	99.85	
03-07-26		60317	2.45	6.64	25.28	98.64	
03-07-26		60316	2.78	7.07	25.15	100.59	
04-10-13		60314	4.46	12.13	12.36	109.41	
04-12-45		60319	4.93	11.98	44.04	100.04	
04-12-45		60318	4.59	12.11	44.83	100.94	
06-15-19		60313	6.19	15.35	20.09	105.51	
10-10-10	'Rip s Farm Center	60063	10.82	12.17	10.15	110.7	
10-10-10	'Rip s Farm Center	60194	10.35	11.4	9.97	105.89	
10-10-10	'Rip s Farm Center	60066	11.71	11.68	10.97	114.66	
10-10-10	'Rip s Farm Center	60097	11.08	12.24	10.55	113.09	
10-10-10	'Rip s Farm Center	58965	11.35	10.95	11.77	113.46	
10-20-20	'Rip s Farm Center	58966	10.44	21.39	19.82	103.43	
11-04-14		60312	10.86	5.34	15.64	107.67	
12-12-12	'Rip s Farm Center	60193	13.24	14.54	11.59	109.69	
12-12-12	'Rip s Farm Center	58967	12.99	13.78	13.07	110.71	
12-12-12	'Rip s Farm Center	60098	13.09	13.51	12.58	108.94	
14-07-07		60315	14.27	7.97	7.81	111.87	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58961	18.52	46.68		101.88	
18-46-00	'DAP	60094	18.13	46.62		101.17	
19-19-19	'19-19-19	60095	18.96	17.96	20.63	100.77	
19-19-19	'19-19-19	60096	19.58	18.82	20.71	103.56	
19-19-19	'19-19-19	60067	20.59	16.94	19.69	100.3	
19-19-19	'Rip s Farm Center	60064	18.58	19.36	19.86	101.32	
19-19-19	'Rip s Farm Center	60024	17.93	19.41	17.10	95.65	
19-19-19	'Rip s Farm Center	60101	19.77	19.74	18.55	101.97	
19-19-19	'Rip s Farm Center	58968	19.71	19.68	19.35	103.08	
19-19-19	'Rip s Farm Center	60099	19.01	19.31	18.08	99.05	
19-19-19	'Rip s Farm Center	60195	18.31	19.62	20.04	101.6	
19-19-19	'Rip s Farm Center	60100	18.81	20.1	19.12	101.84	
23-07-04		60311	21.54	6.59	5.32	99.12	
32-08-11		60320	32.57	9.03	11.46	102.51	
46-00-00	'Rip s Farm Center	60065	46.03			100.07	
46-00-00	'Rip s Farm Center	60023	46.20			100.43	
46-00-00	'Urea	60092	46.17			100.37	
46-00-00	'Urea	58962	46.20			100.43	
Rogers Fertilizer & Services LLC Lebanon ,KY							
00-00-60	'MOP	59835			61.15	101.92	
00-00-60	'MOP	58499			59.91	99.85	
07-13-00		59828	6.98	12.93		103.32	*
07-13-00		59829	7.33	13.93		110.33	*
07-13-00		59830	7.19	13.54		107.58	*
07-13-00		59827	7	12.78		102.65	*
10-16-28		60395	10.9	17.2	26.96	101.18	*
18-46-00	'DAP	59834	17.72	46.53		100.39	
18-46-00	'DAP	58498	17.29	46.15		99.12	
18-46-00	'DAP	60393	17.67	45.83		99.22	
27-11-15		59831	25.76	11.19	17.17	100.01	
33-10-06		60394	32.22	9.4	7.92	100.74	*
34-00-11		59826	34.12		12.08	100.57	*
34-00-11		59832	33.16		11.39	97.04	*
39-00-00		60396	39.05			99.95	*
46-00-00	'Urea	59833	46.06			100.13	
46-00-00	'Urea	60392	46.11			100.24	
46-00-00	'Urea	58497	46.00			100	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Simplot AB Retail Sub Inc Boise ,ID							
00-00-50	'SP	58622			50.47	100.94	
00-00-60	'MOP	58875			60.61	101.02	
00-00-60	'MOP	59599			60.65	101.08	
00-00-60	'MOP	58876			60.48	100.8	
00-00-60	'MOP	58610			61.85	103.08	
00-00-60	'MP	58625			60.68	101.13	
00-00-60	'MP	58624			61.22	102.03	
00-46-00	'TSP	58626		46.41		100.89	
18-46-00	'DAP	58608	18.14	45.72		99.78	
18-46-00	'DAP	58623	17.17	45.68		98.2	
18-46-00	'DAP	58877	17.32	46.29		99.39	
18-46-00	'DAP	58609	17.35	46.78		100.2	
18-46-00	'DAP	58878	17.84	46.06		99.84	
18-46-00	'DAP	59601	17.48	46.2		99.5	
21-00-00	'AS	58874	20.73			98.71	*
21-00-00	'AS	58620	21.14			100.67	*
21-00-00	'AS	59602	20.81			99.1	*
46-00-00	'Urea	58621	46.15			100.33	
46-00-00	'Urea	58611	45.88			99.74	
46-00-00	'Urea	58879	45.78			99.52	
Simplot Grower Solutions - Franklin Franklin ,KY							
09-23-20		59478	9.11	23.49	20.01	102.91	*
10-25-16		59479	9.95	24.73	16.18	101.02	*
18-13-17		59476	18.36	13.53	17.48	101.64	*
18-15-20		59474	17.65	16.44	19.42	101.41	*
18-15-20		59475	17.72	15.81	20.22	101.76	*
19-31-00		59477	19.31	30.59		100.46	*
Simplot Grower Solutions - Fancy Farm Fancy Farm ,KY							
08-19-25		59402	8.34	21.49	25.95	108.11	*
08-19-25		59401	7.30	19.85	25.66	102.19	*
08-19-35		59405	8.13	22.08	32.62	102.27	
22-12-22		59399	25.04	12.43	17.83	99.82	
22-12-22		59400	24.55	11.89	19.11	100.11	
22-12-22		59404	22.04	12.08	22.19	101.08	
28-12-15		59403	26.63	11.17	16.44	100.25	
Simplot Grower Solutions - Glasgow Glasgow ,KY							
17-14-18		59593	16.65	13.6	18.95	100.91	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
17-14-18		59603	17.93	15.03	17.27	103.36	*
17-14-18		59604	17.11	14.27	17.19	99.86	*
17-14-18		59594	16.13	13.37	18.53	98.51	*
17-14-18		59595	17.51	15.19	17.46	103.18	*
17-14-18		59596	17.49	14.37	17.94	102.34	*
19-19-20		59598	18.73	19.27	20.18	100.06	
21-15-20		59597	20.15	15.04	21.22	99.38	
31-00-00		59605	31.42			99.81	*
34-05-06		59606	29.46	4.16	7.05	91.75	*
Simplot Grower Solutions - Hartford Hartford ,KY							
09-08-39		59659	9.35	8.55	38.9	101.54	*
09-08-39		59658	9.48	8.1	40.74	104.14	*
09-08-39		59657	7.67	8.57	45.78	110.39	*
11-18-24		59655	12.15	19.21	21.71	98.93	*
11-18-24		59654	11.90	19.67	24.65	104.56	*
11-18-24		59653	11.97	19.3	24.39	103.52	*
11-18-24		59649	11.70	18.97	25.53	104.39	*
18-09-23		59652	17.50	9.68	24.01	103.28	*
19-19-20		59650	19.77	22.62	18.85	105.82	
19-19-20		59651	19.41	18.71	21.65	102.81	
19-19-20		59656	19.39	20.2	20.59	103.67	
South Central Farm Supply Gamaliel ,KY							
18-17-22		59616	18.21	18.73	20.98	100.06	
20-19-19		59620	19.49	20.27	18.70	100.84	
20-19-19		59614	18.92	18.1	20.17	98.39	
23-00-30		59617	22.07		30	98.17	
23-00-30		59618	21.72		30.32	98.06	
25-13-17		59611	24.03	13.12	17.94	99.8	
25-13-17		59612	23.20	12.74	18.29	98.15	
28-12-15		59615	26.26	11.74	15.78	99.47	
28-12-15		59619	27.26	11.82	15.2	100.5	
28-12-15		59613	26.58	11.45	16.12	100.12	
Southern FS Inc - Hickman Hickman ,KY							
12-18-23		59946	12.25	17.98	23.07	100.47	*
12-18-23		59947	12.03	18.58	22.83	100.78	*
12-19-22		59939	12.63	18.59	22.27	101.32	*
12-19-22		59940	12.61	18.73	21.47	100.11	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
12-19-22		59938	12.46	18.48	21.87	100.05	*
14-14-18		59945	13.55	14.37	18.28	101.31	*
14-14-18		59943	14.27	14.31	18.06	102.34	*
14-14-18		59944	14.79	14.08	16.48	99.7	*
19-31-00		59942	19.05	30.15		99.05	*
19-31-00		59941	18.95	29.92		98.39	*
Southern FS, INC Marion ,IL							
00-00-60	'MP	58818			60.37	100.62	
00-00-60	'MP	58205			61.21	102.02	
00-00-60	'MP	58080			59.06	98.43	
00-00-60	'MP	58204			60.56	100.93	
00-00-60	'MP	58340			61.56	102.6	
00-00-60	'MP	58813			60.77	101.28	
00-00-60	'MP	58814			61.35	102.25	
00-00-60	'MP	58815			60.96	101.6	
00-00-60	'MP	58817			60.3	100.5	
11-52-00	'MAP	58207	11.64	54.18		104.5	
12-40-00	'MES 10	58342	11.65	40.57		100.42	*
12-40-00	'MES 10	58082	11.77	41.41		102.18	*
18-46-00	'DAP	58816	17.44	46.38		99.72	
18-46-00	'DAP	58820	18.05	47.12		101.83	
18-46-00	'DAP	58341	17.86	45.92		99.66	
18-46-00	'DAP	58819	18.26	46.16		100.66	
18-46-00	'DAP	58810	17.72	46.03		99.61	
18-46-00	'DAP	58809	17.74	45.98		99.56	
18-46-00	'DAP	58206	18.54	46.48		101.63	
18-46-00	'DAP	58081	17.55	45.36		98.28	
18-46-00	'DAP	58807	17.57	46.63		100.31	
18-46-00	'DAP	58808	17.76	46.08		99.75	
21-00-00	'AS	58343	21.07			100.33	*
29-00-00	'29-00-9.6S	58344	29.07			100.24	*
46-00-00	'Urea	58812	46.10			100.22	
46-00-00	'Urea	58811	46.19			100.41	
Southern States - Bowling Green Bowling Green ,KY							
09-22-29		59343	8.49	23.07	30.49	102.78	*
09-22-29		58243	8.90	21.74	30.9	101.22	*
09-22-29		58244	9.40	23.36	28.33	101.7	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
09-23-30		59342	8.57	23.66	31.09	102.07	
10-27-23		58242	10.38	26	24.69	101.17	*
10-27-23		58241	11.46	26.04	23.5	101.81	*
10-27-23		58240	11.57	26.64	23.38	102.96	*
10-27-23		58213	10.66	26.54	22	99.12	*
10-27-23		58212	10.78	26.67	22.12	99.76	*
10-27-23		58211	10.66	26.97	22.07	100	*
Southern States - Cadiz Cadiz ,KY							
00-00-41		59398			41.6	101.46	*
00-00-41		59397			42.63	103.98	*
08-14-26		58208	8.68	14.79	27.57	105.85	*
08-14-27		58210	8.69	14.6	25.36	100.31	*
08-14-27		58209	8.82	14.44	26.47	103.26	*
08-21-29		58180	8.46	20.67	28.83	99.47	*
10-25-25		58182	10.09	24.77	24.19	100.02	*
10-25-25		58181	9.80	24.73	24.74	100.17	*
12-32-18		58250	12.97	30.97	18.17	100.29	*
12-32-18		58253	13.56	32.41	16.85	102	*
12-32-18		58252	12.78	30.41	18.68	99.51	*
12-32-18		58251	13.16	30.7	16.92	98.7	*
Southern States - Calhoun Calhoun ,KY							
05-14-12		60359	6.09	15.26	12.41	106.89	
08-13-33		60357	8.10	13.04	33.66	103.44	*
08-13-33		60358	7.92	13.22	34.19	103.44	*
25-12-14		60356	25.66	13.26	13.84	101.58	
Southern States - Campbellsville Campbellsville ,KY							
06-16-37		60138	6.86	17.04	39.02	104.97	*
09-18-30		59967	9.39	19.21	28.72	102.3	*
19-19-19		59969	19.48	20.45	20.15	103.44	
19-19-19		58720	19.83	19.16	20.15	101.71	
20-15-22		59968	20.23	15.5	22.06	101.42	
24-07-19		60139	25.29	7.51	17.78	100.76	
24-14-18		59814	23.68	14.95	17.65	101.3	
24-14-18		59813	24.01	14.4	17.6	100.81	
38-00-00		60056	36.94			98.27	*
38-00-00		60057	36.97			98.48	*
38-12-00		60332	39.04		9.70	98.29	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
42-07-00		60333	41.23	7.32		99.75	
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Southern States - Carlisle Carlisle ,KY							
11-29-22		59418	11.42	31.46	21.29	102.74	
12-30-20		59419	11.53	31.79	19.83	100.87	
12-30-20		59420	11.45	32.32	20.73	102.96	
18-08-16		60232	17.62	8.52	16.41	100.21	
18-09-18		60120	17.73	9.19	18.56	100.18	
19-19-19		59416	18.93	19.1	20.36	100.38	
19-19-19		59417	19.17	20.83	18.68	101.12	
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Southern States - Cynthiana Cynthiana ,KY							
02-00-54		60324	1.56	0.03	54.04	99.97	*
02-00-54		60323	1.89	0.12	53.89	100.58	*
14-00-18		60321	15.10	0.02	17.83	101.2	*
19-19-19		59926	19.86	19.22	19.79	101.3	
21-05-23		60322	21.04	5.3	24.06	102.67	*
31-00-16		59922	30.38	0.16	18.07	103.87	*
31-00-16		59925	30.94	0.16	17.44	103.82	*
31-00-16		59923	30.94	0.19	16.69	102.36	*
31-00-16		59924	31.00	0.18	16.71	102.51	*
32-00-15		59912	32.56	0.23	15.84	103.73	*
32-00-15		59916	31.70	0.23	16.39	102.82	*
32-00-15		59915	32.15	0.23	15.83	102.67	*
32-00-15		59914	31.71	0.23	15.99	102.03	*
32-00-15		59913	32.23	0.23	16.37	103.94	*
32-00-15		59911	32.57	0.24	14.77	101.47	*
36-00-00		59910	36.46	0.6		102.01	*
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Southern States - Elizabethtown Elizabethtown ,KY							
11-22-29		59191	11.20	21.59	30.14	102.83	
19-19-19		59182	19.25	19.68	18.55	99.03	
19-19-19		59189	19.20	19.47	20.42	101.64	
19-19-19		59190	19.49	19.92	19.54	101.51	
19-19-19		59193	19.45	19.21	21.03	102.62	
19-19-19		59184	19.19	19.16	20.56	101.31	
19-19-19		59192	19.99	19.58	19.94	102.46	
19-19-19		59183	19.99	18.69	20.17	101.24	
25-15-15		59185	24.85	15.84	16.46	102.94	
27-14-14		59194	27.25	14.66	14.25	103.02	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Southern States - Elkton Elkton ,KY							
09-22-23		58042	8.83	22.11	22.52	99.22	*
09-22-23		58041	8.38	22.37	23.15	99.69	*
09-22-24		58038	8.78	22.21	24.78	101.16	*
09-22-24		58039	9.03	22.69	25.49	103.73	*
09-22-24		58037	8.54	22.82	25.11	102.35	*
09-22-24		58044	9.02	22.55	25.07	102.81	*
09-22-24		58043	8.89	22.82	24.61	102.38	*
09-22-24		58036	8.61	21.54	24.47	98.96	*
09-22-24		58035	8.98	22.52	23.27	99.99	*
11-10-32		58040	10.65	9.73	32.87	99.06	*
Southern States - Eminence Eminence ,KY							
07-18-36		59269	7.00	18.51	36.13	100.49	*
07-18-36		59270	7.04	18.16	36.64	100.72	*
07-19-25		59268	7.26	18.94	25.57	100.1	*
09-23-30		59544	9.12	23.96	30.27	102.21	
09-23-30		59545	9.08	24.1	30.7	103.04	
09-23-30		58742	8.83	23.32	30.85	101.57	
09-23-30		58743	8.64	22.93	31	100.83	
20-23-15		58371	20.86	23.29	14.59	100.36	
25-00-28		58741	23.81		28.43	99.36	
27-14-14		59271	26.79	14.52	14.59	102.43	
36-03-11		59272	35.42	2.97	11.91	100.96	
Southern States - Flemingsburg Flemingsburg ,KY							
15-15-15		59739	15.32	14.53	14	99.34	*
15-15-15		59738	15.21	15.43	14.5	102.25	*
19-19-19		59742	19.15	19.6	20.9	102.53	
26-11-11		59740	25.91	10.59	11.31	100.5	*
26-11-11		59741	26.14	10.28	11.36	100.43	*
26-14-09		59744	27.09	14.77	8.83	102.46	
26-14-09		59743	27.39	14.02	8.91	101.69	
31-05-10		60284	30.95	5.75	10.59	101.82	*
34-00-00		59746	32.74			97.73	*
34-00-00		59745	33.13			98.9	*
37-00-00		59737	35.95			98.36	*
Southern States - Franklin Franklin ,KY							
08-20-27		58022	8.27	20.39	26.34	101	*
08-20-27		58026	8.05	20.62	28.13	103.68	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
08-20-27		58025	8.32	20.02	26.58	100.7	*
08-20-27		58024	8.48	21.72	25.93	103.59	*
08-20-27		58028	8.28	20.93	26.6	102.54	*
08-20-27		58027	8.32	19.64	25.79	98.73	*
08-20-27		58023	8.31	20.61	25.43	100.17	*
08-20-27		58029	8.35	21.36	26.39	103.27	*
08-20-27		58030	8.07	20.81	26.65	102.56	*
08-20-27		58073	8.53	21.33	27.35	105.07	*
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Southern States - Georgetown Georgetown ,KY							
00-00-39		59081			39.25	100.59	*
01-00-25		59085	1.57	1.25	27.64	115.92	*
09-00-13		59080	8.74	1.26	14.71	111.13	*
17-00-38		59071	15.97		38.33	98.84	
17-00-38		59074	16.21		38.49	99.59	
19-00-21		59084	19.90	1.26	23.19	108.92	*
19-19-19		59086	18.73	19.43	20.02	102.09	
21-00-20		59078	21.52	1.4	21	107.2	*
23-00-18		59075	23.78	1.38	18.42	105.1	*
23-00-30		59076	22.81		31.1	101.63	
31-00-09		59082	30.65	1.3	10.49	106.59	*
31-00-09		59083	30.56	1.26	9.52	103.96	*
36-00-00		59077	36.25	1.35		103.5	*
39-00-00		59079	38.89	1.39		101.85	*
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Southern States - Glasgow Glasgow ,KY							
19-19-19		58683	18.73	19.84	20.33	101.28	
19-19-19		58684	19.27	20.69	19.46	102.34	
19-19-19		58685	19.45	20.33	19.51	102.1	
19-19-19		58689	19.81	20.2	19.42	102.34	
19-19-19		58682	19.27	20.79	17.89	101.63	
19-19-19		58688	18.56	19.72	20.28	102.33	
19-19-19		58681	17.84	18.96	22.3	101.37	
19-19-19		58686	18.96	20.26	19.83	101.61	
26-14-14		58687	24.92	15.63	15.78	102.22	
29-11-13		58690	29.53	11.56	12.68	100.59	
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Southern States - Harrodsburg Harrodsburg ,KY							
15-00-40		60257	13.98		42.37	102.05	*
15-00-40		59557	14.09		41.24	99.82	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-00-36		60255	18.22		36.64	100.8	
18-00-37		59555	18.23		35.94	99.35	
22-28-09		59556	21.56	28.37	9.38	100.17	
23-00-30		60253	22.35		31.96	102.29	
23-00-30		60256	22.88		31.64	102.75	
29-00-22		60254	28.55		23.32	101.39	
31-00-00		59558	30.91			99.71	*
35-00-00		60258	34.86			99.4	*
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Southern States - Henderson Henderson ,KY							
09-23-30		59311	9.22	22.93	29.85	100.02	
11-18-24		59313	11.04	19.24	25.53	103.49	*
11-18-24		59304	11.25	18.43	24.42	100.69	*
11-18-24		59305	11.19	19.04	25.26	103.1	*
11-18-24		59312	11.27	19.46	24.39	102.67	*
11-18-24		59310	11.11	18.03	25.25	101.03	*
11-18-24		59309	11.27	18.73	24.47	101.36	*
13-17-29		59307	13.58	17.63	28.75	100.78	
13-17-29		59306	13.34	17.95	29.2	101.62	
13-17-29		59308	13.30	17.35	29.68	101.3	
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Southern States - Hodgenville Hodgenville ,KY							
03-08-30		59288	3.60	9.63	30.71	107.27	*
19-19-19		59298	19.14	19.5	19.9	100.77	
19-19-19		59283	19.46	20.26	18.94	101.12	
19-19-19		59296	18.89	19.22	20.23	100.38	
19-19-19		59281	18.83	20.26	20.1	101.9	
19-19-19		59282	19.78	18.71	19.67	100.15	
22-18-18		59297	21.14	16.75	18.56	99.05	
23-17-17		59291	23.49	17.32	16.69	101.72	
24-16-16		59280	23.86	17.04	16.13	103.34	
30-12-12		59295	29.27	12.36	13.16	102.56	
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Southern States - Hopkinsville Hopkinsville ,KY							
10-25-25		58663	9.58	25.92	24.57	101.39	*
10-25-25		58054	9.75	25.95	24.91	102.22	*
10-25-25		58055	9.69	25.88	24.9	102.04	*
10-25-25		58676	9.52	24.58	25.55	100.39	*
10-25-25		58056	10.13	25.78	25.32	103.12	*
10-25-25		58662	9.56	25.16	25.92	102.02	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
10-25-25		58677	10.05	26.13	23.87	101.36	*
10-25-25		58053	10.23	24.53	25.11	100.68	*
19-19-19		58675	19.21	20.97	19.63	103.05	
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Southern States - Horse Cave Horse Cave ,KY							
07-18-36		58697	7.32	17.62	38.7	103.12	
14-17-19		58696	13.25	17.33	19.05	100.19	*
14-17-19		58695	12.66	18.51	19.54	102.36	*
19-19-19		58694	18.17	20.64	20.59	102.13	
19-19-19		58702	19.05	20.8	19.76	102.61	
21-18-18		58693	20.86	18.56	19.39	102.52	
21-18-18		58701	20.56	18.7	18.57	100.88	
23-00-00		58700	22.33			98.46	*
31-22-00		58698	30.72	22.28		99.57	*
35-15-00		58699	34.25	14.38		97.67	*
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Southern States - Liberty Liberty ,KY							
05-14-42		59496	5.09	13.55	43.29	102.11	
09-23-30		59497	8.31	22.13	32.4	101.1	
19-19-19		59491	18.91	20.23	20.46	102.5	
19-19-19		59493	18.96	19.88	20.01	102.28	
19-19-19		59494	18.76	19.08	21.56	102	
22-09-24		59498	21.41	9.18	25.25	100.88	
22-09-24		59495	21.14	9.73	24.96	100.9	
24-00-29		59492	27.64		29.67	108.97	
27-14-14		59501	26.26	14.09	15.14	102.54	
27-14-14		59502	26.21	14.05	15.14	102.37	
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Southern States - London London ,KY							
06-12-12	'6-12-12	60043	6.28	12.98	12.54	106.05	
10-10-10	'10-10-10	60041	9.80	9.57	10.04	97.97	
10-10-10		60040	10.80	10.78	11	113	
11-28-24		60045	10.73	27.65	24.36	100.52	
13-13-13		60039	13.09	12.84	14.34	104.36	
16-21-21		60046	15.68	20.34	22.37	101.7	
19-19-19	'19-19-19	60042	20.22	17.86	19.35	100.73	
19-19-19		60047	19.53	19.49	20.67	102.65	
19-19-19		60051	19.84	19.63	20.16	102.59	
19-19-19		60050	19.80	20.62	19.15	102.64	
19-19-19		60048	19.66	19.63	20.01	102.05	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-18-19		60044	20.44	18.48	19.56	101.5	
20-19-19		60049	19.21	20.17	19.52	101.66	
Southern States - Maysville Maysville ,KY							
19-12-19		59731	19.22	12.75	19.57	101.93	*
19-12-19		59729	19.53	12.93	18.68	101.25	*
19-12-19		59730	19.61	13.35	18.58	102.08	*
19-12-19		59728	19.66	13	18.88	102.03	*
25-34-00		59732	23.94	34.77		98.67	
25-34-00		59733	24.50	35.88		101.48	
29-28-00		59734	28.99	28.25		100.77	
29-28-00		59727	28.32	28.47		99.98	
29-28-00		59735	28.95	28.42		101	
29-28-00		59736	28.76	29.29		102.2	
Southern States - Morganfield Morganfield ,KY							
07-12-21		58234	7.60	13.09	21.5	107.14	*
07-12-21		58235	7.79	12.84	20.62	104.85	*
07-12-21		58237	7.55	13.09	22.63	109.44	*
07-12-21		58236	7.59	13.02	22.26	108.34	*
07-14-19		58233	7.96	14.49	20.62	107.58	*
08-20-30		58271	7.91	19.76	32.62	101.77	*
08-20-30		58269	8.73	21.64	28.21	100.93	*
08-20-30		58272	8.51	21.56	31.21	104.66	*
08-21-30		58270	8.43	20.72	31.28	102.82	*
09-23-30		58232	9.36	23.4	30.56	102.2	
Southern States - Owensboro Owensboro ,KY							
09-23-30		59159	9.30	23.85	30.96	103.41	
09-23-30		59158	8.64	22.93	32.4	102.99	
09-23-30		59157	9.33	24.3	30.28	103.16	
09-23-30		59208	9.60	24.95	29.79	103.94	
09-23-30		59209	8.41	22.36	33.38	103.17	
15-19-25		59154	14.08	21.62	26.06	104.07	
15-19-25		59161	15.83	20.5	25.06	103.56	
15-19-25		59160	14.30	21.87	25.39	103.81	
15-19-25		59153	14.73	20.86	25.42	102.85	
18-20-20		59156	18.02	21.27	20.65	102.15	
18-20-20		59155	18.67	21.81	19.33	102.1	
Southern States - Owenton Owenton ,KY							

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
04-09-48		59068	4.09	9.74	47.68	101.77	*
06-15-40		59069	6.54	16.62	39.23	102.25	*
08-08-08		59319	8.44	9.44	8.69	106.61	
19-19-19		59065	19.38	18.8	19.84	99.8	
19-19-19		59066	19.21	18.99	19.41	99.13	
19-20-19		59320	19.68	20.76	19.53	103.19	
19-20-20		59070	18.76	20.78	19.39	101.15	
25-00-28		59063	25.28		25.84	97.73	
27-12-15		59322	27.35	13.63	15.15	103.8	
27-12-15		59323	27.34	13.19	15.24	103.11	
27-14-14		59321	27.07	15.25	13.2	101.95	
Southern States - Owingsville Owingsville ,KY							
10-19-28		59376	10.57	20.56	25.67	100.73	*
19-19-19		59383	18.88	20.73	19.17	101.22	
19-19-19		59379	18.35	20.2	19.81	100.39	
19-19-19		59382	18.96	20.43	19.47	101.31	
19-19-19		59385	19.09	20.22	18.89	100.24	
19-19-19		59384	18.18	21.55	19.75	102.4	
21-18-18		59377	20.79	18.83	18.18	100.9	
21-18-18		59375	21.74	17.8	18.21	100.86	
22-12-22		59380	21.39	12.4	23.45	102.69	
23-23-11		60230	23.10	23.13	11.58	99.97	
26-07-20		59381	24.99	8.09	20.8	100.35	
37-00-00		59378	35.30			96.66	*
Southern States - Richmond Richmond ,KY							
00-00-12		60291			12.91	107.58	
08-14-38		59406	8.60	13.74	38.16	100.38	
10-20-25		60301	10.20	20.74	27.25	105.14	
21-15-20		60300	20.18	16.11	21.92	102.55	
21-15-20		60299	21.32	15.78	21.08	102.61	
23-00-30		59407	22.26		31.02	100.4	
34-09-09		60304	33.05	8.61	10.85	101.67	
34-09-09		60305	34.23	8.6	8.06	98.9	
34-09-09		60302	32.79	9.08	9.51	99.65	
34-09-09		60303	33.77	8.86	9.57	101.25	
Southern States - Richmond VA Richmond ,VA							
00-00-22	'K Mag	58703			22.73	103.32	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-22	'K Mag	58667			22.81	103.68	*
00-00-22	'Kmag	59006			22.2	100.91	*
00-00-22	'Kmag	58931			21.34	97	*
00-00-22	'Kmag	59148			22.97	104.41	*
00-00-22	'Kmag	59287			22.59	102.68	*
00-00-22	'K-Mag	58602			21.71	98.68	*
00-00-22	'SPM	57947			23.58	107.18	*
00-00-22	'SPM	57976			22.41	101.86	*
00-00-50	'SOP	60401			50.78	101.56	
00-00-50	'SOP	58767			50.41	100.82	
00-00-50	'SOP	60306			52.14	104.28	
00-00-50	'SOP	59252			50.64	101.28	
00-00-50	'SOP	60214			49.83	99.66	
00-00-50	'SOP	59547			51.36	102.72	
00-00-50	'SOP	58668			52.39	104.78	
00-00-50	'SOP	59054			52.21	104.42	
00-00-50	'SOP	60213			49.66	99.32	
00-00-50	'SP	58892			50.25	100.5	
00-00-50	'SP	58932			52.19	104.38	
00-00-50	'SP	59088			51.3	102.6	
00-00-50	'SP	58957			50.68	101.36	
00-00-50	'SP	60118			49.56	99.12	
00-00-50	'SP	59005			51.06	102.12	
00-00-50	'SP	59017			49.85	99.7	
00-00-50	'SP	59921			50.29	100.58	
00-00-50	'SP	59145			51.74	103.48	
00-00-60	'MOP	57969			60.00	100	
00-00-60	'MOP	59777			61.41	102.35	
00-00-60	'MOP	57948			60.8	101.33	
00-00-60	'MOP	60400			59.54	99.23	
00-00-60	'MOP	57938			61.88	103.13	
00-00-60	'MOP	57939			59.99	99.98	
00-00-60	'MOP	59839			62.27	103.78	
00-00-60	'MOP	59840			62.06	103.43	
00-00-60	'MOP	58016			59.9	99.83	
00-00-60	'MOP	58534			61.92	103.2	
00-00-60	'MOP	58395			60.23	100.38	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	58401			59.65	99.42	
00-00-60	'MOP	58367			60.94	101.57	
00-00-60	'MOP	60293			60.88	101.47	
00-00-60	'MOP	59052			60.41	100.68	
00-00-60	'MOP	58469			58.24	97.07	
00-00-60	'MOP	58492			61.75	102.92	
00-00-60	'MOP	58493			59.68	99.47	
00-00-60	'MOP	59410			59.15	98.58	
00-00-60	'MOP	59032			60.56	100.93	
00-00-60	'MOP	58508			60.78	101.3	
00-00-60	'MOP	58203			61.44	102.4	
00-00-60	'MOP	58254			58.9	98.17	
00-00-60	'MOP	59629			60.5	100.83	
00-00-60	'MOP	60221			59.56	99.27	
00-00-60	'MOP	58561			61.05	101.75	
00-00-60	'MOP	59060			59.33	98.88	
00-00-60	'MOP	60035			59.96	99.93	
00-00-60	'MOP	59346			62.9	104.83	
00-00-60	'MOP	58201			60.64	101.07	
00-00-60	'MOP	58603			60.14	100.23	
00-00-60	'MOP	58604			60.23	100.38	
00-00-60	'MOP	58605			60.32	100.53	
00-00-60	'MOP	58606			61.09	101.82	
00-00-60	'MOP	58638			59.66	99.43	
00-00-60	'MOP	58639			60.47	100.78	
00-00-60	'MOP	58509			60.91	101.52	
00-00-60	'MOP	58922			59.66	99.43	
00-00-60	'MOP	59293			60.34	100.57	
00-00-60	'MOP	58915			60.89	101.48	
00-00-60	'MOP	58718			59.24	98.73	
00-00-60	'MOP	59247			61.29	102.15	
00-00-60	'MOP	59000			60.49	100.82	
00-00-60	'MOP	58737			60.49	100.82	
00-00-60	'MOP	59294			60.01	100.02	
00-00-60	'MOP	58772			60.6	101	
00-00-60	'MOP	59274			61.06	101.77	
00-00-60	'MOP	59275			60.49	100.82	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MOP	58890			59.19	98.65	
00-00-60	'MOP	59186			60.49	100.82	
00-00-60	'MOP	58704			61.43	102.38	
00-00-60	'MOP	58719			59.09	98.48	
00-00-60	'MOP	58999			59.89	99.82	
00-00-60	'MOP	58708			61.16	101.93	
00-00-60	'MOP	58766			58.88	98.13	
00-00-60	'MOP	58738			59.55	99.25	
00-00-60	'MOP	59248			61.3	102.17	
00-00-60	'MP	58171			60.52	100.87	
00-00-60	'MP	58070			59.05	98.42	
00-00-60	'MP	58895			60.78	101.3	
00-00-60	'MP	58071			59.23	98.72	
00-00-60	'MP	59102			60.3	100.5	
00-00-60	'MP	58112			59.53	99.22	
00-00-60	'MP	58831			60.13	100.22	
00-00-60	'MP	59101			59.91	99.85	
00-00-60	'MP	59142			59.71	99.52	
00-00-60	'MP	60116			57.84	96.4	
00-00-60	'MP	60229			60.38	100.63	
00-00-60	'MP	59919			59.76	99.6	
00-00-60	'MP	59149			60.58	100.97	
00-00-60	'MP	58170			59.87	99.78	
00-00-60	'MP	58142			59.89	99.82	
00-00-60	'MP	59099			60.18	100.3	
00-00-60	'MP	59097			60.09	100.15	
00-00-60	'MP	58958			59.43	99.05	
00-00-60	'MP	59087			60.61	101.02	
00-00-60	'MP	58934			60.46	100.77	
00-00-60	'MP	58935			59.75	99.58	
00-00-60	'MP	58894			60.78	101.3	
00-00-60	'MP	58948			60.24	100.4	
00-00-60	'MP	58947			59.64	99.4	
00-00-60	'MP	58942			58.81	98.02	
00-00-60	'MP	59092			59.36	98.93	
00-00-60	'MP	58169			60.63	101.05	
00-00-60	'MP	58660			61.81	103.02	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	58364			62.06	103.43	
00-00-60	'MP	58363			62.08	103.47	
00-00-60	'MP	58362			61.61	102.68	
00-00-60	'MP	59007			59.09	98.48	
00-00-60	'MP	60282			61.85	103.08	
00-00-60	'MP	58304			60.55	100.92	
00-00-60	'MP	58659			60.99	101.65	
00-00-60	'MP	59008			60.04	100.07	
00-00-60	'MP	58321			61.23	102.05	
00-00-60	'MP	58322			61.61	102.68	
00-00-60	'MP	59011			59.62	99.37	
00-00-60	'MP	58669			61.24	102.07	
00-00-60	'MP	59014			59.7	99.5	
00-00-60	'MP	58673			60.58	100.97	
00-00-60	'MP	58658			60.86	101.43	
00-00-60	'MP	58303			61.21	102.02	
10-10-10	'SS	59500	10.75	11.42	10.61	109.35	
11-52-00	'MAP	58661	10.55	52.98		100.84	
11-52-00	'MAP	58954	11.48	51.09		99.32	
11-52-00	'MAP	58653	11.17	53.46		102.59	
11-52-00	'MAP	59277	11.62	53.42		103.24	
11-52-00	'MAP	58166	11.82	53.13		103.17	
11-52-00	'MAP	58167	11.61	53.26		103.01	
11-52-00	'MAP	58172	11.60	51.64		100.47	
13-00-43	'13-0-43 Mix	58744	12.87		42.49	98.86	
16-01-00	'SymTRX	58558	17.42	1.57		111.71	*
16-01-00	'SymTRX	58320	17.16	1.49		109.5	*
16-01-00	'SymTRX	59053	17.00	1.36		108	*
16-01-00	'SymTRX	58930	21.14	1.01		130.29	*
16-01-00	'SymTRX	59554	17.11	1.47		109.29	*
16-01-00	'SymTRX	58939	17.13	1.44		109.24	*
16-01-00	'SymTRX	59089	17.13	1.47		109.41	*
16-01-00	'SymTRX	60220	16.89	1.47		108	*
16-01-00	'SymTRX	59098	17.10	1.63		110.18	*
16-01-00	'SymTRX	59013	17.75	1.4		112.65	*
16-01-00	'SymTRX	59920	17.39	1.3		109.94	*
16-01-00	'SymTRX	59837	16.91	1.75		109.76	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
16-01-00	'SymTRX	58955	17.03	1.31		107.88	*
16-01-00	'SymTRX	60294	17.01	1.39		108.24	*
16-01-00	'SymTRX	59411	16.58	1.41		105.82	*
16-01-00	'SymTRX	58370	17.05	1.83		111.06	*
16-01-00	'SymTRX	58721	16.61	1.49		106.47	*
16-01-00	'SymTRX	59144	17.17	1.4		109.24	*
16-01-00	'SymTRX	58018	17.43	1.37		110.45	*
18-46-00	'DAP	58255	18.02	44.87		98.31	
18-46-00	'DAP	58917	17.68	44.95		97.86	
18-46-00	'DAP	59010	17.63	45.17		98.12	
18-46-00	'DAP	60280	17.67	47.07		101.16	
18-46-00	'DAP	58889	17.53	46.15		99.5	
18-46-00	'DAP	59031	17.72	45.31		98.48	
18-46-00	'DAP	58511	17.48	45.59		98.55	
18-46-00	'DAP	60034	17.28	46.1		99.03	
18-46-00	'DAP	59096	18.06	47.28		102.09	
18-46-00	'DAP	58893	17.77	45.34		98.61	
18-46-00	'DAP	59095	17.69	46.69		100.59	
18-46-00	'DAP	59009	17.60	45.19		98.11	
18-46-00	'DAP	58397	17.59	45.59		98.72	
18-46-00	'DAP	58510	17.56	43.80		95.87	
18-46-00	'DAP	59094	18.00	45.22		98.78	
18-46-00	'DAP	58512	17.80	46.69		100.77	
18-46-00	'DAP	58113	18.60	46.06		101.09	
18-46-00	'DAP	59016	17.98	46.67		101.02	
18-46-00	'DAP	59251	17.54	46.41		99.53	
18-46-00	'DAP	58111	18.73	46.86		102.53	
18-46-00	'DAP	58920	18.22	46.15		100.58	
18-46-00	'DAP	59188	17.60	45.1		97.97	
18-46-00	'DAP	60022	17.05	45.05		97.03	
18-46-00	'DAP	59918	17.58	45.74		98.94	
18-46-00	'DAP	58921	17.96	45.67		99.42	
18-46-00	'DAP	58833	17.74	46.14		99.81	
18-46-00	'DAP	59278	17.21	45.77		98.41	
18-46-00	'DAP	58140	18.74	46.7		102.3	
18-46-00	'DAP	58365	17.61	45.8		99.08	
18-46-00	'DAP	60119	17.87	45.04		98.3	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	59627	17.53	46.95		100.75	
18-46-00	'DAP	58773	17.45	45		97.58	
18-46-00	'DAP	58771	17.64	45.28		98.31	
18-46-00	'DAP	58400	17.66	45.35		98.45	
18-46-00	'DAP	58202	18.59	47.7		103.57	
18-46-00	'DAP	58168	18.68	44.94		99.52	
18-46-00	'DAP	58770	17.52	45.71		98.8	
18-46-00	'DAP	58306	17.89	45.05		98.37	
18-46-00	'DAP	59284	16.96	46.86		99.72	
18-46-00	'DAP	58918	17.72	46.68		100.63	
18-46-00	'DAP	59091	17.48	46.02		99.22	
18-46-00	'DAP	59057	17.68	46.87		100.86	
18-46-00	'DAP	58369	17.88	46.68		100.88	
18-46-00	'DAP	58319	18.06	45.94		100.01	
18-46-00	'DAP	58488	17.58	45.89		99.17	
18-46-00	'DAP	58396	17.41	46.1		99.23	
18-46-00	'DAP	59056	17.56	45.21		98.08	
18-46-00	'DAP	58490	17.75	46.49		100.38	
18-46-00	'DAP	58491	17.43	46.34		99.64	
18-46-00	'DAP	58305	17.75	45.17		98.32	
18-46-00	'DAP	59289	18.39	45.31		99.53	
18-46-00	'DAP	59258	17.95	46.15		100.16	
18-46-00	'DAP	59546	18.00	46.86		101.34	
18-46-00	'DAP	59290	17.00	45.85		98.2	
18-46-00	'DAP	59090	18.05	46.28		100.52	
18-46-00	'DAP	59775	17.56	46.03		99.36	
18-46-00	'DAP	58956	17.69	45.98		99.48	
18-46-00	'DAP	58723	17.90	45.91		99.7	
18-46-00	'DAP	57949	18.07	46.4		100.73	
18-46-00	'DAP	58560	17.74	46.6		100.53	
18-46-00	'DAP	58722	17.77	45.86		99.42	
18-46-00	'DAP	58739	17.38	46.38		99.62	
18-46-00	'DAP	57950	17.85	46.99		101.26	
18-46-00	'DAP	58637	17.89	47.57		102.28	
18-46-00	'DAP	59146	18.18	45.62		99.69	
18-46-00	'DAP	59324	17.99	46.57		100.88	
18-46-00	'DAP	58597	17.04	46.64		99.5	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58017	17.77	45.87		99.42	
18-46-00	'DAP	58735	18.34	46.83		101.83	
18-46-00	'DAP	57941	18.56	46.64		101.91	
18-46-00	'DAP	59836	17.70	46.63		100.52	
18-46-00	'DAP	57968	18.26	46.59		101.33	
18-46-00	'DAP	58940	17.83	45.12		98.36	
18-46-00	'DAP	57975	18.71	45.28		100.09	
18-46-00	'DAP	57974	18.73	45.74		100.82	
18-46-00	'DAP	58949	18.33	46.57		101.41	
18-46-00	'DAP	58950	17.74	45.11		98.2	
18-46-00	'DAP	57970	18.51	45.49		100.08	
18-46-00	'DAP	57973	18.76	46.2		101.57	
18-46-00	'DAP	59345	17.03	45.9		98.33	
18-46-00	'DAP	57971	18.64	44.38		98.6	
18-46-00	'DAP	57972	18.81	45.63		100.79	
18-46-00	'DAP	59776	17.82	45.42		98.81	
18-46-00	'DAP	58072	18.49	45.72		100.39	
18-46-00	'DAP	58674	17.68	46.14		99.72	
18-46-00	'DAP	58671	18.16	45.99		100.23	
18-46-00	'DAP	60228	18.75	45.85		100.94	
18-46-00	'DAP	58670	17.21	45.89		98.59	
18-46-00	'DAP	58705	17.55	46.33		99.81	
18-46-00	'DAP	58598	17.18	46.3		99.19	
18-46-00	'DAP	58706	17.03	45.78		98.14	
18-46-00	'DAP	58536	17.56	45.8		99	
18-46-00	'DAP	58657	17.37	45.54		98.3	
18-46-00	'DAP	58559	17.55	46.01		99.31	
18-46-00	'DAP	58656	17.18	45.98		98.69	
18-46-00	'DAP	58636	17.53	45.53		98.53	
18-46-00	'DAP	58600	17.12	45.96		98.56	
18-46-00	'DAP	58654	17.5	45.24		98.03	
18-46-00	'DAP	58959	17.60	45.43		98.48	
18-46-00	'DAP	59002	16.67	46.55		98.78	
18-46-00	'DAP	60222	17.51	45.72		98.8	
18-46-00	'DAP	60399	17.85	45.88		99.58	
18-46-00	'DAP	57940	18.38	46.33		101.14	
18-46-00	'DAP	58933	17.89	47.37		101.97	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
18-46-00	'DAP	58936	17.89	45.04		98.33	
18-46-00	'DAP	58599	17.35	45.78		98.64	
19-19-19	'19-19-19	58749	20.05	21.14	18.08	104.21	
19-19-19	'SS	59499	18.66	21.92	19.22	105.01	
20-00-00	'AS	58655	20.48			99.9	*
20-00-00	'AS	59249	20.38			99.41	*
20-00-00	'AS	58672	21.31			103.95	*
21-00-00	'Ammonium Sulfate	58394	20.45			97.38	*
21-00-00	'AMS	58507	20.62			98.19	*
21-00-00	'AMS	58485	21.21			101	*
21-00-00	'AS	58740	20.93			99.67	*
21-00-00	'AS	59012	20.97			99.86	*
21-00-00	'AS	60283	21.09			100.43	*
21-00-00	'AS	58114	21.24			101.14	*
21-00-00	'AS	60402	20.78			98.95	*
21-00-00	'AS	58366	21.33			101.57	*
21-00-00	'AS	58896	20.78			98.95	*
21-00-00	'AS	59286	21.06			100.29	*
21-00-00	'AS	58769	20.73			98.71	*
21-00-00	'AS	58941	21.13			100.62	*
21-00-00	'AS	58141	20.43			97.29	*
21-00-00	'AS	59033	20.72			98.67	*
21-00-00	'AS	59152	20.95			99.76	*
26-00-00		60378	27.91			0.00	*
28-00-00		60377	26.58			94.32	*
34-00-00	'Super Kicker Plus	59020	33.70			99.12	*
34-00-00	'Super Kicker Plus	58836	33.69			99.09	*
46-00-00	'46-0-0	59143	46.07			100.15	
46-00-00	'Urea	59093	45.97			99.93	
46-00-00	'Urea	60292	46.20			100.43	
46-00-00	'Urea	58635	45.90			99.78	
46-00-00	'Urea	58634	46.16			100.35	
46-00-00	'Urea	58633	45.98			99.96	
46-00-00	'Urea	58919	46.03			100.07	
46-00-00	'Urea	59004	46.20			100.43	
46-00-00	'Urea	60227	46.20			100.43	
46-00-00	'Urea	60033	46.00			100	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	59276	46.02			100.04	
46-00-00	'Urea	58486	46.02			100.04	
46-00-00	'Urea	58533	46.11			100.24	
46-00-00	'Urea	58398	46.14			100.3	
46-00-00	'Urea	58768	46.20			100.43	
46-00-00	'Urea	58937	45.86			99.7	
46-00-00	'Urea	58938	46.02			100.04	
46-00-00	'Urea	59051	46.03			100.07	
46-00-00	'Urea	59015	46.08			100.17	
46-00-00	'Urea	59100	46.01			100.02	
46-00-00	'Urea	59279	45.96			99.91	
46-00-00	'Urea	59001	46.17			100.37	
46-00-00	'Urea	58535	46.20			100.43	
46-00-00	'Urea	58666	46.17			100.37	
46-00-00	'Urea	58665	46.08			100.17	
46-00-00	'Urea	58664	46.20			100.43	
46-00-00	'Urea	58707	46.20			100.43	
46-00-00	'Urea	58513	46.20			100.43	
46-00-00	'Urea	59018	46.02			100.04	
46-00-00	'Urea	60281	46.18			100.39	
46-00-00	'Urea	59030	45.73			99.41	
46-00-00	'Urea	58399	46.20			100.43	
46-00-00	'Urea	60398	46.20			100.43	
46-00-00	'Urea	58557	46.20			100.43	
46-00-00	'Urea	59409	46.20			100.43	
46-00-00	'Urea	59285	46.01			100.02	
46-00-00	'Urea	58368	46.13			100.28	
46-00-00	'Urea	58736	46.16			100.35	
46-00-00	'Urea	59267	46.20			100.43	
46-00-00	'Urea	58487	46.06			100.13	
46-00-00	'Urea	59250	46.20			100.43	
46-00-00	'Urea	58891	46.09			100.2	
46-00-00	'Urea	59055	45.83			99.63	
46-00-00	'Urea	58953	45.96			99.91	
46-00-00	'Urea	59344	46.09			100.2	
46-00-00	'Urea	59059	46.20			100.43	
46-00-00	'Urea	58601	46.20			100.43	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
46-00-00	'Urea	59917	46.19			100.41	
46-00-00	'Urea	58952	45.91			99.8	
46-00-00	'Urea	59292	46.01			100.02	
46-00-00	'Urea	59058	46.06			100.13	
46-00-00	'Urea	60117	46.05			100.11	
46-00-00	'Urea	59838	46.1			100.22	
46-00-00	'Urea	59147	46.11			100.24	
46-00-00	'Urea	59187	46.01			100.02	
46-00-00	'Urea	58724	46.16			100.35	
46-00-00	'Urea	58898	46.04			100.09	
46-00-00	'Urea	58897	45.97			99.93	
46-00-00	'Urea	59003	46.14			100.3	
46-00-00	'Urea	58960	45.84			99.65	
46-00-00	'Urea	59628	45.99			99.98	
46-00-00	'Urea	58832	46.13			100.28	
46-00-00	'Urea	58951	45.98			99.96	
46-00-00	'Urea	58916	46.12			100.26	
46-00-00	'Urea	58015	46.16			100.35	
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Southern States - Russellville Russellville ,KY							
08-20-34		58059	8.31	21.56	32.75	102.39	
08-20-34		58058	8.30	21.38	32.97	102.33	
08-21-24		58147	8.81	21.6	24.71	101.66	*
10-26-19		58088	10.55	27.58	19.1	104.76	*
10-26-19		58089	10.50	26.65	20.3	104.56	*
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Southern States - Russellville Fertilizer Plant Russellville ,KY							
06-16-32		58148	6.31	16.59	31.15	99.13	*
08-00-41		58143	8.44		40.05	99.25	*
08-00-41		58145	8.34		40.23	99.3	*
08-00-41		58144	7.96		40.42	98.59	*
08-21-24		58146	9.83	24.99	24.23	110.22	*
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Southern States - Sebree Sebree ,KY							
09-23-30		59960	9.27	23.22	29.89	100.65	
09-23-30		59879	9.15	24.14	29.89	101.99	
09-23-30		59954	9.56	24.07	28.91	101.04	
09-23-30		59880	8.92	24.4	28.79	100.34	
09-24-29		59961	8.82	22.93	31.14	101.03	
20-19-19		59955	20.57	19.24	19.27	102.11	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
23-14-19		59956	23.29	15.69	18.59	102.83	
23-14-19		59957	23.43	14.48	19.42	102.28	
23-14-19		59958	23.46	15.21	18.68	102.42	
23-14-19		59959	22.93	15.53	19.24	102.98	
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Southern States - Shelbyville Shelbyville ,KY							
06-14-31		58256	5.65	15	32.05	104.56	
11-16-21		60226	11.02	15.58	21.41	100.94	*
14-06-14		59781	14.66	7.1	14.79	108.24	*
14-06-14		59780	14.48	8.48	15.15	113.98	*
16-15-27		59783	15.13	14.02	28.68	99.02	
16-15-27		59782	15.43	14.51	28.36	99.91	
19-14-21		60224	17.96	15.48	20.58	100.68	*
19-15-20		60225	18.61	14.79	20.52	101.45	*
19-19-19		59778	18.09	18.77	21.95	100.97	
19-19-20		59779	18.41	19.95	21.39	102.74	
23-16-16		60223	22.25	17.51	16.81	100.53	
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Southern States - Somerset Somerset ,KY							
12-12-12		59505	12.87	12.99	13.47	105.28	
17-14-19		59511	17.99	14.35	18.48	102.18	*
19-16-16		59513	19.07	17.09	16.17	100.9	
19-19-19		59509	19.79	20.06	19.14	101.6	
21-14-14		59512	21.48	14.86	13.67	102.01	
22-12-22		59510	22.11	12.15	22.01	101.16	
24-11-20		59508	23.52	11.04	20.98	101.22	
25-00-28		59507	24.51		28.28	100.46	
25-15-16		59504	25.08	14.67	16.57	101.37	
28-00-23		59506	27.64		23.82	99.93	
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Southern States - Springfield Springfield ,KY							
07-19-35		60021	7.18	18.86	35.5	99.77	
08-12-18		60017	7.84	12.16	19.07	103.02	*
08-12-18		60018	7.98	11.95	19.66	104.32	*
08-12-18		60016	7.68	11.78	19.35	102.25	*
08-12-18		60015	7.76	11.96	17.47	98.21	*
14-15-25		60013	13.94	14.85	25.01	100.11	*
14-15-25		60012	13.93	14.78	25	99.94	*
19-00-00		60014	18.64			97.24	
19-17-22		60019	18.33	16.42	22.51	99.23	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
35-00-00		60020	34.05	0.66		98.83	*
Southern States - Stanford Stanford ,KY							
05-13-40		59226	4.93	13.33	38.47	97.84	
07-18-24		59222	7.46	18.77	25.73	105.37	
07-18-24		59221	7.40	18.78	24.28	102.44	
19-19-19		59225	19.05	19.86	20.1	101.51	
19-19-19		59224	18.36	19.1	22.44	102.77	
19-19-19		59228	19.18	19.86	20.39	102.21	
19-19-19		59227	18.49	20.21	19.88	100.78	
21-10-20		59223	21.13	9.74	20.8	101.41	*
30-00-21		59229	29.08		22.57	101.15	
30-00-21		59230	29.31		22.96	102.35	
Southern States - Warsaw Owenton ,KY							
19-19-19		59253	19.22	19.96	19.12	100.4	
19-19-19		59538	19.60	21.01	18.25	101.5	
19-19-19		59539	19.21	21.46	18.33	101.74	
23-10-22		59543	22.89	10.9	22.63	102.21	
25-10-20		59254	24.85	10.33	19.62	100.65	
26-07-18		59542	25.53	7.22	18.72	100.66	*
26-07-18		59540	25.70	7.1	18.28	100	*
26-07-18		59541	25.39	7.89	18.03	100.45	*
40-00-00		59256	39.76			100.35	*
40-00-00		59257	39.71			100.18	*
40-00-00		59255	39.85			100.63	*
Southern States - Winchester Winchester ,KY							
04-09-48		59678	4.05	10.69	46.58	101.1	
08-20-34		60261	7.68	20	35.18	101.81	
08-20-34		60262	7.52	19.58	34.95	100.47	
09-17-35		60259	8.68	17.32	35.06	100.17	
19-19-19		59676	18.91	20.26	20.26	102.23	
19-19-19		59677	19.50	19.94	19.71	101.81	
19-19-19		59675	19.75	19.04	18.99	99.48	
28-14-09		59671	29.62	13.46	8.82	100.7	*
28-14-09		59672	28.13	13.2	10.06	99.51	*
28-14-09		59673	29.37	13.77	9.34	101.76	*
28-14-09		59674	29.07	14.41	8.92	101.67	*
Southern States Winchester Fertilizer Plant Winchester ,KY							

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-10-30	'SS	60110		10.94	31.42	105.97	*
05-10-15	'SS	60089	5.57	11.52	15.86	108.29	
05-20-20	'5-20-20	59061	8.11	20.73	18.39	105.41	
05-20-20	'SS	60103	7.80	20.44	18.10	103.41	
05-20-20	'SS	60029	7.64	19.98	20.93	108	
06-24-24	'SS	58711	8.69	22.34	25.87	105.29	
06-24-24	'SS	60086	9.47	24.92	24.28	108.91	
10-10-10	'10-10-10	59062	9.86	10.71	11.28	105.99	
10-10-10	'Southern States	57937	9.22	9.76	10.75	98.07	
10-10-10	'SS	58709	10.48	11.53	10.91	109.75	
10-10-10	'SS	60104	10.24	11.22	10.45	106.42	
10-10-10	'SS	60027	10.94	11.42	10.8	110.6	
10-10-10	'SS	58992	10.34	11.63	10.33	107.78	
10-10-10	'SS	60109	11.21	10.37	9.98	105.34	
10-10-10	'SS	60129	10.40	10.97	10.29	105.6	
10-10-10	'SS	60062	8.88	9.06	9.74	92.13	
10-10-10	'SS	60090	9.51	10.47	10.42	101.26	
10-10-10	'SS	58834	10.00	10.42	10.95	104.44	
10-10-10	'SS	60088	10.03	10.7	10.6	104.39	
10-10-10	'SS	60308	9.31	9.97	10.32	98.55	
10-10-10	'SS 10-10-10	57943	10.41	11.48	10.77	108.81	
15-15-15	'SS	58991	16.25	16.81	14.34	105.59	
15-15-15	'SS	58710	15.55	16.79	16.67	108.85	
19-19-19	'19-19-19	59064	19.09	20.69	19.68	104.33	
19-19-19	'Southern States	57936	19.54	19.17	19.55	102.17	
19-19-19	'SS	60108	20.19	20.89	17.85	103.63	
19-19-19	'SS	60105	18.79	22.01	17.85	103.13	
19-19-19	'SS	59026	19.79	21.25	19.4	106.14	
19-19-19	'SS	60111	19.30	19.92	19.05	102.28	
19-19-19	'SS	60085	18.86	20.57	18.93	102.46	
19-19-19	'SS	59408	19.68	19.75	19.29	103.06	
19-19-19	'SS	58835	19.10	20.51	20.01	104.58	
19-19-19	'SS	60307	17.62	19.83	22.18	104.3	
19-19-19	'SS	60128	18.13	19.55	18.27	98.21	
19-19-19	'SS	58537	18.39	19.78	21.4	104.3	
19-19-19	'SS	60061	20.66	19.95	18.46	103.8	
19-19-19	'SS	58805	19.28	20.46	18.98	103.1	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19	'SS	59019	18.86	21.16	18.41	102.65	
19-19-19	'SS	58804	18.94	20.83	18.72	102.72	
19-19-19	'SS	60028	19.71	19.78	19.38	103.31	
19-19-19	'SS	60087	18.85	20.35	19.67	103.27	
19-19-19	'SS 19-19-19	57942	19.05	19.16	19.03	100.44	
34-00-00	'Super Kicker Plus	60102	32.01			94.15	*
46-00-00	'SS	60091	46.12			100.26	
46-00-00	'SS	59869	46.04			100.09	
46-00-00	'SS	60106	46.12			100.26	
46-00-00	'SS	60030	45.96			99.91	
Spectrum Group St. Louis ,MO							
20-00-00	'Vigoro Ready-To-Spray Lawn Fertilizer 20-0-0	58483	20.03			100.15	
Stanley Crop Service Owensboro ,KY							
00-00-50	'SP	59130			50.11	100.22	
00-00-60	'MP	59125			59.95	99.92	
00-00-60	'MP	59126			60.41	100.68	
00-00-60	'MP	58130			59.06	98.43	
06-16-39		59132	6.34	16.79	39.84	102.62	
06-16-39		59133	6.42	16.65	40.11	102.94	
06-22-05	'Starter 6-22-5-4S-0.43Zn	59141	7.43	23.27	6.53	112.61	*
09-23-30		59138	9.12	23.49	30.64	102.01	
15-15-12		59137	14.80	15.88	12.98	104.1	*
15-15-12		59136	14.98	16.08	12.67	104.33	*
18-46-00	'DAP	58131	18.58	45.94		100.88	
18-46-00	'DAP	58128	18.58	45.98		100.94	
18-46-00	'DAP	59128	17.51	46.4		99.86	
18-46-00	'DAP	58132	18.60	45.71		100.56	
18-46-00	'DAP	58129	18.75	46.57		102.12	
18-46-00	'DAP	59123	17.95	45.42		99.02	
18-46-00	'DAP	59127	17.91	45.5		99.08	
19-13-14		59135	18.80	12.78	14.81	102.01	*
19-19-20		59134	18.91	18.76	22.32	103.01	
20-00-00	'AS	59124	20.54			100.2	*
31-00-00		59131	30.22			98.53	*
32-18-00		59140	32.93	17.28		100.72	*
32-18-00		59139	31.51	18.57		100.46	*
46-00-00	'Urea	59129	45.78			99.52	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Sun Bulb Company, INC. Arcadia ,FL							
11-35-15	'Better Gro Orchid	60175	12.02	35.79	16.52	105.37	*
11-35-15	'Orchid Better Bloom	60364	11.98	34.83	15.14	101.57	*
Swiss Farms Products Las Vegas ,NV							
10-08-08	'Vigoro Azalea Camellia & Rhododendron 10-8-8	58517	10.49	8.42	8.96	107.08	*
12-05-07	'Vigoro All Purpose	60185	12.34	5.51	6.81	102.87	*
12-05-07	'Vigoro Tree & Shrub Spikes	60183	12.91	5.84	7.55	109.62	*
12-06-10	'Vigoro Rose Food	60184	12.88	6.28	10	104.26	*
12-10-05	'Vigoro Tomato & Veg	60186	12.10	10.52	5.22	103.09	*
12-10-05	'Vigoro Tomato & Vegetable Plus Calcium 12-10-5	58518	11.65	9.65	5.96	100.7	*
T and N Inc Foristell ,MO							
12-12-12	'Greenskeeper s Secret	60370	11.00	11.99	12.47	98.36	
16-08-10	'Greenskeeper Pasture	58349	15.97	7.84	10.87	101.85	*
Tennessee Farmers Coop - Lavergne LaVergne ,TN							
00-00-60	'MOP	58543			61.64	102.73	
00-00-60	'MOP	58316			59.88	99.8	
18-46-00	'DAP	58542	18.18	45.88		100.09	
18-46-00	'DAP	58315	18.05	46.79		101.28	
46-00-00	'Urea	58541	46.20			100.43	
46-00-00	'Urea (Coated)	58540	46.11			100.24	
The Hawthorne Gardening Company Port Washington ,NY							
02-04-02	'Tomato & Vegetable Food	60238	4.60	4.9	2.73	153.19	*
03-04-02	'All Purpose Plant Food	60239	4.82	4.57	2.33	130.46	*
The Scotts Company Marysville ,OH							
10-10-10	'Scotts Flower & Veg	60174	11.40	10.34	10.92	108.86	*
12-04-08	'Scotts Rose & Bloom	60178	18.49	8.25	12.52	163.77	*
14-14-14	'Osmocote Flower & Vegetable Smart-Release	58652	13.91	14.83	14.72	103.43	
24-00-10	'Lawn Pro Fall Lawn Fertilizer	58283	24.52		10.65	103.11	*
24-25-04	'Scotts Starter	60182	24.84	24.38	3.8	100.07	
32-00-10	'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10	57944	31.73		9.25	98.01	*
32-00-10	'Scotts Turf Builder Winterguard Fall Lawn Food 32-0-10	58292	31.27		10.66	99.25	*
32-00-10	'Turfbuilder Winterguard	57967	32.18		9.65	99.86	*
Thomas Cayce Farm Supply, LLC Princeton ,KY							
00-00-20	'K Mag	58360			22.13	107.95	*
00-00-20	'KMag	58229			22.18	108.2	*
00-00-60	'MP	57992			59.91	99.85	
00-00-60	'MP	58359			61.2	102	
00-00-60	'MP	58358			61.32	102.2	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
00-00-60	'MP	58230			59.72	99.53	
00-00-60	'MP	57991			60.55	100.92	
00-00-60	'MP	57990			59.47	99.12	
03-09-10		58231	3.48	8.56	13.41	109.92	*
09-23-30		58051	8.81	24.13	31.16	103.23	
09-23-30		58052	9.38	24.03	30.94	103.89	
10-26-26		59395	9.92	24.86	27	99.07	
10-26-26		59396	9.68	25.59	26.28	98.77	
11-18-24		58068	11.99	20.44	23.28	104.55	*
11-18-24		58067	12.41	19.87	21.52	101.66	*
12-18-23		59393	11.92	17.11	22.96	99.73	*
12-18-23		59394	11.36	17.07	23.09	98.77	*
13-21-20		58049	12.39	21.16	20.19	100.15	*
13-21-20		58050	12.70	21.55	20.73	102.29	*
17-18-18		59723	17.58	17.21	18.91	100.45	
17-18-18		59698	17.52	17.24	18.72	100.34	
18-18-18		59724	19.14	17.06	16.52	99.35	
18-46-00	'DAP	58357	18.33	45.2		99.27	
18-46-00	'DAP	58354	17.77	45.39		98.69	
18-46-00	'DAP	57989	18.17	46		100.28	
18-46-00	'DAP	57987	17.73	45.05		98.1	
18-46-00	'DAP	58356	17.98	45.08		98.53	
18-46-00	'DAP	58228	18.37	45.86		100.4	
21-00-00	'AMS	57988	20.45			97.38	*
21-00-00	'AS	58355	20.44			97.33	*
34-00-00	'AN	58361	34.14			101.91	

Tri-County Fertilizer Co., Inc. Richmond ,KY

00-00-60	'MOP	59029			59.15	98.58	
04-09-14		60290	3.43	8.62	15.22	100.1	
04-09-14		60289	3.68	9.7	15.79	107.22	
04-09-33		60288	3.65	9.5	35.01	103.41	*
04-10-38		60287	3.36	9.34	42.49	107.32	*
07-04-29		60263	6.75	4.41	28.58	98.29	
10-26-27		60268	9.98	24.55	27.5	99.56	
16-08-08		60264	12.48	6.88	8.76	88.81	
18-46-00	'DAP	59028	17.85	46.17		100.03	
19-19-19		60266	18.57	18.96	21.03	102.61	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-19-19		60265	18.73	18.13	19.74	99.26	
19-19-19		60267	18.92	18.38	20.36	100.92	
46-00-00	'Urea	59027	45.80			99.57	
Valley Fertilizer Company Edmonton ,KY							
09-23-30		59352	8.86	23.5	31.27	102.57	
17-15-20		59353	18.50	15.27	19.33	100.96	
19-19-19		59350	19.96	20.46	19.64	103.43	
19-19-19		59347	19.21	19.81	19.8	101.22	
19-19-19		59354	19.25	20.71	19.89	103.03	
19-19-19		59355	19.27	19.34	19.55	100.09	
19-19-19		59349	18.52	19.97	20.58	101.56	
19-19-19		59351	19.17	20.05	19.94	101.78	
26-13-16		59356	25.14	13.07	16.29	99.47	
30-12-12		59348	29.40	13.47	12.27	103.36	
Voluntary Purchasing Group Bonham ,TX							
20-20-20	'All Purpose Water Soluble Plant Food 20-20-20	58470	21.32	20.78	20.42	104.25	
Warner Fertilizer - Albany Albany ,KY							
09-23-30		59719	9.69	24.85	28.98	102.67	
11-23-22		59987	11.50	23.97	22.76	103.12	*
19-19-19		59720	18.79	20.85	19.71	102.17	
19-19-19		59983	19.11	20.51	19.95	102.52	
19-19-19		59985	18.94	20.97	20.23	103.49	
19-19-19		59984	19.52	20.11	19.81	102.31	
19-19-19		59718	18.30	21.31	19.94	102.49	
19-19-19		59982	20.02	18.92	20.01	101.42	
28-00-23		59986	26.56		24.12	100	*
Warner Fertilizer - Campbellsville Campbellsville ,KY							
09-23-30		60354	9.76	24.29	28.18	100.62	
09-23-30		60344	8.71	23.47	28.9	98.6	
17-13-19		60353	17.62	10.58	19.92	101.06	
18-18-17		60345	18.57	16.46	16.43	97.6	*
22-13-12		60352	22.95	11.98	10.62	97.26	*
22-13-12		60349	21.78	11.34	13.26	98.63	*
22-13-12		60350	22.09	12.3	12.34	99.54	*
22-13-12		60351	20.59	11.69	14.74	99.77	*
28-13-13		60341	28.17	14.5	13.34	103.58	
Warner Fertilizer - Columbia Columbia ,KY							

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-19-19		59178	19.14	20.39	19.33	101.43	
20-19-19		59490	19.50	18.75	20.3	100.71	
20-19-19		59177	18.80	19.72	20.61	101.69	
20-19-19		59179	18.73	21.61	18.97	102.23	
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Warner Fertilizer - Liberty Liberty ,KY							
10-10-09		59520	11.37	11.51	12.19	122.06	
10-10-09		60137	9.97	10.55	11.59	111.68	
12-12-12		59503	12.87	12.12	14	104.71	
18-18-17		59517	18.94	17.23	17.56	101.51	
19-19-19		59515	20.07	19.03	18.93	99.94	
19-19-19		59519	19.90	18.86	19.53	100.32	
20-11-21		59522	20.69	10.54	21.66	102.52	*
21-15-20		59516	23.39	14.34	18.93	100.15	
21-15-20		59521	21.98	14.42	19.85	99.28	
23-00-30		59514	25.39		27.26	99.72	
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Warner Fertilizer - Monticello Monticello ,KY							
06-15-40		59717	6.24	16.26	39.83	101.74	
10-26-26		59715	10.30	25.98	26.41	100.65	
10-26-26		60144	10.32	26.39	26	100.75	
10-26-26		60143	10.2	26.88	24.98	99.8	
19-19-19		60347	19.36	18.22	20.15	99.27	
20-10-19		60362	18.43	19.40	15.48	109.97	
24-00-17		60348	23.53		19.04	102.48	
26-10-18		60145	25.59	10.04	18.54	100.23	
28-00-24		59716	26.11		25.80	100.45	
28-12-15		58759	26.86	11.33	17.07	102.09	
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Warner Fertilizer - Nancy Nancy ,KY							
14-10-33		59524	12.91	10.3	34.76	102.38	
17-11-22		59162	17.05	20.48	24.65	124.78	
17-22-17		59526	16.56	22.47	17.53	101.32	
18-18-18		59164	18.25	17.61	17.4	100.04	
18-18-18		59527	17.26	18.28	18.55	101.49	
18-18-18		59163	18.39	16.19	17.02	96.9	
19-19-19		59523	19.53	20.82	18.45	101.36	
19-19-19		59166	18.95	20.02	20.57	104.36	
19-19-19		59525	18.87	20.71	19.83	102.25	
19-19-20		59165	26.44	22.5	8.55	100.41	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
Warner Fertilizer - Russell Springs Russell Springs ,KY							
14-00-37		59531	13.79		38.38	102.05	*
19-19-19		59529	18.67	20.74	19.46	103.3	
19-19-19		59796	18.69	19.73	19.37	101.99	
19-19-19		59534	19.00	20.78	19.71	102.42	
19-19-19		59537	19.45	20.24	19.49	101.92	
19-19-19		59533	19.43	21.33	18.71	102.52	
19-19-19		59528	19.20	20.32	19.24	101.16	
19-19-19		59535	19.75	20.6	18.46	101.38	
19-19-19		59536	19.19	20.21	19.22	100.95	
26-12-17		59532	25.15	12	18.38	101.6	
Warner Fertilizer - Somerset Somerset ,KY							
00-00-50	'SOP	58644			50.81	101.62	
00-00-50	'SOP	60342			50.22	100.44	
00-00-60	'MOP	58629			60.04	100.07	
00-00-60	'MOP	58631			60.78	101.3	
00-00-60	'MOP	58554			60.4	100.67	
00-00-60	'MOP	58642			60.07	100.12	
00-00-60	'MOP	58648			61.08	101.8	
00-00-60	'MOP	58553			60.95	101.58	
00-00-60	'MOP	58650			61.28	102.13	
00-00-60	'MOP	58927			59.21	98.68	
00-00-60	'MOP	58422			60.97	101.62	
00-00-60	'MOP	58453			60.1	100.17	
00-00-60	'MOP	58750			59.81	99.68	
00-00-60	'MOP	58439			60.1	100.17	
00-00-60	'MOP	58403			59.71	99.52	
00-00-60	'MOP	58751			60.42	100.7	
00-00-60	'MOP	58649			60.48	100.8	
00-00-60	'MOP	58455			60.47	100.78	
00-00-60	'MOP	58846			59.5	99.17	
00-00-60	'MOP	59463			59.94	99.9	
00-00-60	'MOP	58433			60.36	100.6	
00-00-60	'MOP	58431			60.25	100.42	
07-20-20	'7-20-20	58929	9.29	21.54	19.94	108.3	
07-20-20	'7-20-20	58757	8.70	22.44	20.18	109.47	
07-20-20	'Warnco	59749	8.41	22.15	19.14	106.08	
12-24-24	'12-24-24	58444	13.04	26.93	22.36	104.22	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
13-07-32		59976	13.23	7.34	31.8	99.92	*
13-07-32		59975	13.02	7.07	32.19	99.68	*
15-15-15	'Warnco	59750	15.40	15.29	17.92	107.72	
18-18-18		59980	18.21	16.24	18.32	98.96	
18-46-00	'DAP	58647	17.38	46.8		100.28	
18-46-00	'DAP	58756	17.86	46.59		100.7	
18-46-00	'DAP	58442	17.52	44.97		97.64	
18-46-00	'DAP	59518	17.90	45.85		99.61	
18-46-00	'DAP	58555	18.65	46.01		101.03	
18-46-00	'DAP	58429	17.39	45.49		98.25	
18-46-00	'DAP	58454	17.70	45.81		99.23	
18-46-00	'DAP	58432	17.39	45.35		98.03	
18-46-00	'DAP	58844	17.4	44.82		97.22	
18-46-00	'DAP	58845	18.17	45.37		99.28	
18-46-00	'DAP	58640	17.22	45.66		98.25	
18-46-00	'DAP	58552	18.38	45.67		100.08	
18-46-00	'DAP	58630	17.42	46.16		99.34	
18-46-00	'DAP	58402	17.82	45.27		98.58	
18-46-00	'DAP	58628	17.15	45.57		98	
18-46-00	'DAP	58423	18.51	47.24		102.73	
18-46-00	'DAP	58752	17.74	45.28		98.47	
18-46-00	'DAP	58441	18.2	46.27		100.73	
18-46-00	'DAP	58926	17.44	45.64		98.56	
18-46-00	'DAP	58430	17.5	46.54		100.06	
18-46-00	'DAP	59462	17.80	46.5		100.47	
18-46-00	'DAP	58407	18.23	45.34		99.33	
18-46-00	'DAP	58753	16.91	46.13		98.5	
18-46-00	'DAP	58406	18.06	45		98.53	
18-46-00	'DAP	58452	18.04	45.43		99.17	
19-19-19	'19-19-19	58928	18.89	19.6	18.69	100.37	
19-19-19	'19-19-19	58443	18.31	20.85	19.59	103.07	
19-19-19	'19-19-19	58427	19.55	20.87	16.56	100.3	
19-19-19	'19-19-19	58758	18.83	20.52	19.58	103.39	
19-19-19	'19-19-19	58923	18.33	19.15	18.94	98.96	
19-19-19		59972	18.33	18.22	22.04	100.5	
21-00-00	'AS	58847	20.61			98.14	*
21-15-20		58651	20.10	16.16	20.85	100.7	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
22-12-22		59722	20.68	12.55	23.83	102.27	
22-12-22		59971	20.95	11.43	23.8	100.7	
24-10-10	'24-10-10 Blend	58408	23.73	10.76	10.26	101.69	
29-09-14		59973	26.31	10.94	16.90	103.67	
29-09-14		59978	27.97	9.83	14.76	100.87	
29-09-14		59979	28.18	9.56	15.32	101.77	
29-09-14		59970	25.88	10.24	17.84	103.16	
29-10-13		59977	27.96	10.94	14.59	102.11	
34-00-00	'AN	60343	34.42			101.24	
34-00-00	'AN	58643	34.00			100	
34-00-00		59974	32.93			98.3	*
46-00-00	'Urea	59721	46.00			100	
46-00-00	'Urea	58925	46.09			100.2	
46-00-00	'Urea	58421	46.15			100.33	
46-00-00	'Urea	58645	46.06			100.13	
46-00-00	'Urea	58440	46.20			100.43	
46-00-00	'Urea	58438	46.09			100.2	
46-00-00	'Urea	58632	46.20			100.43	
46-00-00	'Urea	58404	46.18			100.39	
46-00-00	'Urea	58646	45.53			98.98	
46-00-00	'Urea	58551	46.20			100.43	
46-00-00	'Urea	59461	46.20			100.43	
46-00-00	'Urea	58428	46.13			100.28	
46-00-00	'Urea	58641	46.07			100.15	
46-00-00	'Urea	58843	45.98			99.96	
46-00-00	'Urea	58842	46.15			100.33	
46-00-00	'Urea	58451	46.20			100.43	
46-00-00	'Urea	58405	46.10			100.22	
46-00-00	'Urea	58754	46.20			100.43	
46-00-00	'Urea	58924	46.12			100.26	
46-00-00	'Urea	58755	46.17			100.37	
46-00-00	'Urea	59748	46.05			100.11	
Warner Fertilizer - Stanford Stanford ,KY							
10-09-40		60010	9.65	8.74	40.5	99.95	
12-14-11		60011	13.11	13.26	12.72	104.62	
19-19-19		59747	19.55	20.79	19.42	102.94	
20-10-20		60008	19.98	10.04	21.11	102.67	

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
20-10-20		60007	19.71	10.49	20.4	101.4	
29-07-17		60009	27.92	7.12	18.93	102.47	
Warner Fertilizer - Tompkinsville Tompkinsville ,KY							
19-19-19		59458	18.70	19.62	18.93	101.92	
19-19-19		59590	18.85	20.15	19.97	101.45	
19-19-19		59459	19.43	21.91	18.03	102.39	
19-19-19		59591	19.44	19.12	18.14	97.69	
23-23-11		59460	23.03	23.94	11.77	101.89	
24-21-12		59454	24.66	21.09	11.64	100.39	
27-14-14		59455	26.58	15.08	14.33	102.62	
28-00-24		59456	27.32		23.97	99.38	
28-00-24		59457	27.03		24.3	99.41	
28-13-13		59592	27.46	13.38	13.53	100.08	
Waterway Ag Inc Metropolis ,IL							
32-00-00	'UAN	58465	31.93			99.78	
White River LLC Loogootee ,IN							
32-00-00	'32-0-0	60376	32.01			0.00	
Winfield Solutions, LLC Saint Paul ,MN							
12-12-12	'Groundworks 12-12-12	60192	8.98	11.36	11.35	87.86	
18-24-06	'Groundworks 18-24-6	60191	18.49	25.16	6.93	105.28	
Woodford Feed Company, Inc. Versailles ,KY							
00-00-50	'SOP	60161			51.51	103.02	
00-00-60	'MOP	59889			59.66	99.43	
00-00-60	'MOP	58746			60.31	100.52	
00-00-60	'MOP	60160			59.54	99.23	
00-00-60	'MOP	59793			61.2	102	
00-00-60	'MOP	58745			61.33	102.22	
00-00-60	'MOP	60366			63.39	105.65	
04-10-41		59792	4.05	10.65	40.86	100.22	*
04-10-41		59791	3.93	9.96	40.83	98.62	*
04-10-41		59883	4.13	10.72	39.75	98.50	*
16-18-24		59790	16.33	18.39	24.21	100.2	
18-46-00	'DAP	60162	17.15	45.35		97.66	
18-46-00	'DAP	58747	17.76	45.97		99.58	
18-46-00	'DAP	60367	17.81	45.65		99.16	
18-46-00	'DAP	59881	17.7	46.06		99.62	
19-06-22		59886	19.55	5.4	22.81	101.63	*

Values in bold are deficient.

* Refer to Table 3

Table 4: DETAILED INSPECTION REPORTS BY GRADE

Manufacturer and Grade	Brand	Sample Number	Total Nitrogen	Available Phosphate	Soluble Potash	Relative Value	Micro-Nutrients
19-06-22		59888	18.79	5.7	23.47	101.96	*
19-06-22		59887	18.64	5.8	23.67	101.69	*
20-00-00	'AS	59882	20.2			101	*
21-15-20		59789	20.99	15.01	20.51	99.66	
31-00-20		59788	29.58		21.19	100.02	
40-00-00		59885	40.88			102.51	*
40-00-00		59884	38.87			97.47	*
46-00-00	'Urea	58748	46.20			100.43	
46-00-00	'Urea	60163	46.09			100.2	

Values in bold are deficient.

* Refer to Table 3

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Table 5

Registered Companies and Licensed Blenders 2019-2020

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

3H Trading Company, LLC 8505 Technology Forest Place Suite 1102 The Woodlands TX 77381	A.H. Hoffman POB 290 Lancaster NY 14086	Acadian Seaplants Limited 30 Brown Ave Dartmouth NS B3B 1X8 Canada
Access Business Group Intl LLC 7575 Fulton Street. East Ada MI 49355	Actagro, LLC 4516 N Howard Ave Kerman CA 93630	Active Agriscience Inc 3422 Millar Avenue Saskatoon SK S7K 5Y7 Canada
Advanced Biological Marketing Inc POB 222 Van Wert OH 45891	Advanced Hemp Inc 28623 Industry Dr Valencia CA 91355	Advanced Marine Technologies 33 Cape Street New Bedford MA 02740
Advanced Microbial Solutions POB 519 Pilot Point TX 76258	Advanced Micronutrient Products 2405 W Vassar Rd Reese MI 48757	Advanced Nutrients #109-31063 Wheel Ave Abbotsford BC V2T 6H1 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. 5405 Spine Rd Boulder CO 80301	Ag Concepts Corporation 439 E Shore Dr Suite 200 Eagle ID 83616	Ag Distributors Inc 6615 Robertson Ave Nashville TN 37209
Ag1 Coop 469 East Highway 90 Bypass Monticello KY 42633	Age Old Organics 2001 West Main Street POB 618 Mendota IL 61342	Agnition 1600 Hanh Rd Marshall MN 56258
AgNutrition LLC 13670 Brooks School Rd Nobelsville IN 46060	Agri-Chem - Herndon 11825 Lafayette Road Herndon KY 42236	Agri-Chem - Hopkinsville 4899 Pembroke Road Hopkinsville KY 42240
Agri-Chem - Princeton 1301 Highway 62 West Princeton KY 42445	Agricultural Solutions LLC POB 567 Safety Harbor FL 34695	AgriEnergy Resources 21417 1950 E ST. Princeton IL 61356
AgriGro Farm Center, Inc. 100 AgriGro Drive Hartford KY 42347	Agri-Gro Marketing 2095 Ripley 21S-15 Doniphan MO 63935	Agrinos Inc 279 Costeau Place Suite 100 Davis CA 95618

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Agriport Terminal 1127 Port Authority Rd. Eddyville KY 42038	AgriTec International Inc 8765 Stockard Drive Suite 304 Frisco TX 75034-8006	Agrium U.S. A Subsidiary of Nutrien Ltd 5296 Harvest Lake Dr Loveland CO 80538
AgroLiquid Fertilizer 3055 W M 21 St. Johns MI 48879	Agroplantae Inc 1865 Herndon Ave Suite K321 Clovis CA 93611	Agroplasma Inc 5865 S Kyrene Rd Suite 1 Tempe AZ 85283
Agxplore Intl LLC POB 638 Parma MO 63870-0638	A-J Inc 291 N Hubbards Ln Suite 172-133 Louisville KY 40207	Albaugh LLC POB 2127 Valdosta GA 31604
All Plant Liquid Plant Food 804 State Route 511 N Ashland OH 44805	Allen County Farmers Service, Inc. 512 Smiths Grove Road Scottsville KY 42164	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 King Trophy Products, Inc. 7148 State Highway 199 Upper Sandusky OH 43351	Antler Technologies LLC 103 San Remo Dr Islamorada FL 33036	Anuvia Florida LLC 6751 West Jones Ave Zellwood FL 32798
AP Tech Group 5130 Rialto Road West Chester OH 45069	Aqua-Aid Inc dba Aqua-Aid Solutions 5484 Old Carriage Rd Rocky Mount NC 27803	Aquatrols Corporation of America 1273 Imperial Way Paulsboro NJ 08066
Aqua-Yield Operations 4219 Abinadi Rd Salt Lake City UT 84124	Arbor Systems POB 34645 Omaha NE 68134	Arborjet 99 Blueberry Hill Rd Woburn MA 01801
Archer Daniels Midland 121 South 8th Street, Suite 1700 Minneapolis MN 55402	Arysta Life Science America 1450 Broadway, 20th Floor New York NY 10018	Arysta Life Science NA LCC 15401 Weston Parkway Suite 150 Cary NC 27513
Athena Products Inc 3811 Wacker Dr Mira Loma CA 91752	Atlantic Pacific Agricultural Co 525 Clubhouse Dr #210 Peachtree City GA 30269	Aurora Innovations 29862 E Enid Rd Eugene OR 97402

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

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
BAM Agricultural Solutions Inc 190 NW Spanish River Blvd, Suite 101 Boca Raton FL 33431	Bandana Ag, Inc. 100 Needmore Road La Center KY 42056	Barenbrug USA, Inc. 33477 Highway 99E Tangent OR 97389
BASF Corporation 26 Davis Drive Research Triangle Park NC 27709	Bean Stalk Agriculture LLC 26485 Summit Circle Santa Clarita CA 91350	Beaty Fertilizer P.O. Box 2516 Cleveland TN 37320
Beneficial Reuse Management 372 Ontario St., Suite 501 Chicago IL 60654	Bertels B. V. Ommelpad 2 6035 PC Ospel 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) 28613 S State Route T Garden City MO 64747
Bio Huma Netics Inc 1331 W Houston Ave Gilbert AZ 85233	Biodyne USA 3850 Concept Court Fort Wayne IN 46808	BioPro Technologies, LLC 4060 SE 45th Ct Ocala FL 34480
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
Bloom Brothers Garden Supply Inc 3920 Gilman Street Long Beach CA 90815	Bluegrass Seed & Fertilizer, Inc. 3345 Bloomfield Road Bardstown KY 40004	Bonide Products, LLC 6301 Sutliff Road Oriskany NY 13424
Borates Plus Inc 150 Roundabout Court Rocky Mount NC 27804	Botanicare 800 Port Washington Blvd Port Washington NY 11050	Bougainvillea Growers International 7401 Stringfellow Rd St. James City FL 33956
Brandt Consolidated Inc 2935 S Koke Mill Rd Springfield IL 62711	Brandt iHammer 479 Village Park Drive Powell OH 43065	Brett-Young Seeds LTD 2934 Vandorf Side Road Stouffville ON L4A 2J8 Canada

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

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	Calusolv LLC 1733 Campus Plaza Ct., Ste 16 Bowling Green KY 42101
Cameron Chemicals Inc 4530 Professional Circle Suite 201 Virginia Beach VA 23455	Central Crop Care 1742 KY Highway 3244 Crab Orchard KY 40419	Central Farmers Supply, Inc. 901 Columbia Highway Greensburg KY 42743
Central Garden & Pet 5401 W. Oakwood Park Dr Franklin WI 53132	Central Garden & Pet Garden Division 1000 Parkwood Circle, Suite 700 Atlanta GA 30339	CF Industries Nitrogen LLC 4 Parkway North Suite 400 Deerfield IL 60015
CH Biotech R&D 601 Kettering Drive Ontario CA 91761	Charlie's Compost LLC 1191 Hwy 815 Calhoun KY 42327	Chem One LTD 14140 Westfair East Dr. Houston TX 77041
Cherokee Nitrogen POB 2380 Rockwall TX 75087	Chiles Ag Services 3317 Rayburn Rd Murray KY 42071	CHS Crop Nutrients POB 64089 St. Paul MN 55164-0089
CHS Crop Nutrients - Owensboro 6133 Hwy 60 E Owensboro KY 42303	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 1075 Hwy 60 W Morganfield KY 42437	Commonwealth Agri-Solutions 1106 West 15th Street 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

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Concept Agri-Tek
1300 Plant Road
Charleston MO 63834

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

Croda Inc
300-A Columbus Circle
Edison NJ 08837

Cromartie Agricultural Chemicals
PO Box 71647
Albany GA 31708

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

CSI Chemical Corporation
1716 Montana Avenue
El Paso TX 79902

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

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

Darling Ingredients - Henderson
305 Priest St
Henderson KY 42420

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

DASCO Inc
9785 Maroon Circle #110
Englewood CO 80112

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

Davey Tree Expert Company
6065 Branch Hill Rd
Milford OH 45150

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

Davis Brothers Farms
POB 487
Cunningham KY 42035

DeltAg
POB 4812
Greenville MS 38704

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

Domestic Fertilizer Inc
1750 17th Street
Paris KY 40361

Donaghys Industries LTD
63 Bradshaw Street
Dunedin
New Zealand

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

Down to Earth Distributors Inc
POB 1419
Eugene OR 97440

Dr. Earth Inc
POB 460
Winters CA 95694

Drake's Farm Service, Inc.
340 Logansport Road
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

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

Earthworks
30 Morgan Hill Road
Easton PA 18042

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

Easy Gardener
POB 21025
Waco TX 76702-1025

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Eau Claire CO-OP Oil Company POB 837 Eau Claire WI 54702	EcoScraps POB 731 Sandy UT 84091	El Dorado Chemical Company 4500 North West Avenue El Dorado AR 71730
Emerald Harvest 1399 Corporate Center Parkway Santa Rosa CA 95407	Emerald Triangle POB 305 Fortuna CA 95540	Encap 3921 Algoma Road Green Bay WI 54311
ENP Investments Inc POB 618 Mendota IL 61342	Enviroflight LLC 1118 Progress Way Maysville KY 41056	EnviroKure Inc 5222 E Comley St Philadelphia PA 19135
Espoma Company 6 Espoma Rd Millville NJ 08332	Eurochem North America Corp 7304 S. Yale Avenue Tulsa OK 74136	Evergreen Liquid Plant Food 790 St. Charles St. W R.R. #1 Breslau ON N0B 1M0 Canada
Everris NA POB 3310 Dublin OH 43016	Farmers Fertilizer - Kelly Road 739 Kelly Road Bowling Green KY 42104	Farmers Fertilizer - Old Nashville Rd 5619 Old Nashville Road Bowling Green KY 42104
Farmers Fertilizer - Smiths Grove PO Box 127 Smiths Grove KY 42171	Farmer's Organic 137 Phipps Ave Newton GA 39870	FBSciences Inc 153 N Main Suite 100 Collierville TN 38017
Ferti Technologies 560 Rheaume C.P 129 Saint-Michael QC J0L 2J0 Canada	Fertile Peat Products LLC 250 ProPeat Drive Sugar City ID 83448	Field 16 dba HEAVY 16 2665 Temple Ave Signal Hill CA 90755
Floradis Enterprises Inc POB 156 Riva MD 21140	Florikan E.S.A., LLC 6801 Energy Court Suite 100 Sarasota FL 34240	Foxfarm Soil & Fertilizer Company POB 787 Arcata CA 95518
Frank Hinton & Son 591 Plummers Landing Road Plummers Landing KY 41081	Frit Industries P.O. Box 1589 Ozark AL 36361	Front Row Ag LLC 2794 Great Cove Rd Warfordsburg PA 17267
Galaxy Sulfur LLC POB 1165 Valdosta GA 31603-1165	Garick 13600 Broadway Ave Cleveland OH 44125	Gaskins Fertilizer 1820 Millerfield Road Russell Springs KY 42642

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Gavilon Fertilizer Inc 5 Skidaway Village Walk Savannah GA 31411	General Hydroponics POB 1576 Sebastopol CA 95473	Genesis Ag LLC 5015 Canal NW Street Suite 103 Riverside MO 64150
Giles Chemical Corp Div of Premier Magnesia LLC Waynesville NC 28786	Gold Label 90 Jarvis Circle Sacramento CA 95834	Granco Minerals Inc 23011 Airpark Drive Petersburg VA 23803
Grant County Mulch Inc 181 Mulch Drive Petersburg WV 26847	Green Charger Fertilizer Corporation POB 26234 Richmond VA 23260	Green Field Farms 6464 Fredricksburg Rd Wooster OH 44691
Green Growers Technology Alliance LLC 64 Folsom Ave Huntington Station NY 11746	Green River Feed Mill Inc 1239 South Main St Morgantown KY 42261	Green Soil Solution LLC 1821 Belt Way Drive St. Louis MO 27889
Green Star Plant Products Inc #284-505-8840 210th Street Langley BC V1M 2Y2	Green Technologies LLC POB 35790 Gainesville FL 32635-7905	GreenPoint Ag 1268 Highway 261 Hardinsburg KY 40143
Gro Green Inc 717 Elk St Buffalo NY 14210	Gro Tec Inc POB 290 Madison GA 30650-1821	Gro-Mor 281 Farmland Rd Leola PA 17540
Grow Appalachia CPO 2122 Berea KY 40404	Grow More Inc 15600 New Century Drive Gardena CA 90248	Growers Chemical Corp 321 Huron St Milan OH 44846-0000
Growmark Inc 1701 Towanda Ave. Bloomington IL 61702	Growth Products Ltd 80 Lafayette Ave White Plains NY 10603	Haifa North America Inc 307 Cranes Roost Blvd #2030 Alamonte Springs FL 32701
Hancock County Farm Supply, Inc. 740 Madison Street Hawesville KY 42348	Harrell's, LLC 720 Kraft Road Lakeland FL 33815	Harrell's, LLC 151 Gene E. Stewart Blvd Sylacauga AL 35151
Harsco Metal & Minerals 359 North Pike Rd Sarver PA 16055	Hawthorne Hydroponics dba Hawthorne Gardening 3204 NW 38th Circle Vancouver WA 98660	Hawthorne Hydroponics dba General Hydroponics 2877 Giffen Avenue Santa Rosa CA 95407

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDEERS

Hawthorne Hydroponics dba General Organics 2877 Giffen Avenue Santa Rosa CA 95407	Helena Agri-Enterprises - Hazel 1679 Hub Erwin Road Hazel KY 42049	Helena Agri-Enterprises - Hickman 3500 State Route 1099 Hickman KY 42050
Helena Agri-Enterprises, LLC 225 Schilling Blvd Suite 300 Collierville TN 38017	Helm Fertilizer 10150 Highland Manor Dr Suite 230 Tampa FL 33610	Helm Fertilizer Company 401 East Jackson St., Suite 1400 Tampa FL 33602
Henry Farmers Co-Op 10525 Hwy 69 N Cottage Grove TN 38224	Henry Farmers Cooperative - Murray 4075 HWY 641 South Murray KY 42071	Henry Farmers Cooperative - Paris 225 Tennessee 69 N Paris TN 38242
HGCI, Inc. dba Hawthorne Hydroponics Brands 3993 Howard Hughes Pkwy 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
Holganix LLC 3033 Market Street Aston PA 19014	Hopkinsville Ag 2870 Memory Lane Hopkinsville KY 42240	Horizon Ag-Products, LP 1819 Denver West Drive Suite 350 Lakewood CO 80401
Howard Fertilizer & Chemical 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
Hydronamics International 5711 Enterprise Drive Lansing MI 48911	Hyponex Corporation 14111 Scottslawn Rd. Marysville OH 43041	HYR BRIX Fertilizer 2242 Berlin Station Rd Delaware OH 43015
Hysinger Farm 1375 Rose Hill Rd Mount Vernon KY 40456	ICL Premium Fertilizers NA - St. Louis 622 Emerson Rd St. Louis MO 63141	ICL Specialty Products Inc 622 Emerson Rd Suite 500 St Louis MO 63141
IMC Outdoor Living a Division of Liberty Tire Recycling PO Box 31366 Des Peres MO 63131	Improcrop dba Alltech Crop Science 3031 Catnip Hill Road Nicholasville KY 40356	Innova Performance Products POB 388 Milford Center OH 43045

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

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

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

Isagro USA Inc
1005 Slater Road Suite 212
Durham NC 27703

Italpollina USA
1800 Purdue Parkway
Anderson IN 46016

J. J. Mauget Company Inc
5435 Peck Rd.
Arcadia CA 91006-5847

J. R. Peters
6656 Grant Way
Allentown PA 18106

J.R. Simplot Company - Lathrop
PO Box 198
Lathrop CA 95330

Janes Fertilizer & Farm Supply
4540 Edmonton Road
Columbia KY 42728

JBM Industries Inc
481 N Santa Cruz Ave #163
Los Gatos CA 95032

JH Biotech
4951 Olivas Park Dr
Ventura CA 93003

Jigsaw Marketing & Media LTD
POB 703
Bucks HP6 9BX

JM Fertilizer
610 W Azeele Street Suite 101
Tampa FL 33606

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

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

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

Kellogg Garden Products
350 W Sepulveda Blvd
Carson CA 90745

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

Kent Marine
9675 S. 60th Street
Franklin WI 53132

Kentucky American Seeds
205 Means Avenue
Hopkinsville KY 42240

Kentucky Fertilizer - Winchester
303 Hill Street
Winchester KY 40391

Kentucky Organics Farm & Feed
4050 Guthrie Rd
Guthrie KY 42234

Key Grow Solutions
421 Leader Street
Marion OH 43302

Keyplex
POB 2515
Winter Park FL 32790

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

Koch Agronomic Services LLC
POB 2900
Wichita KS 67201-2900

Koch Fertilizer LLC
POB 2900
Wichita KS 67201

Kugler Company
PO Box 1748
McCook NE 69001

Lawn and Garden Products Inc
POB 35000
Fresno CA 93745

Lawn Cure of Southern Indiana
5000 Progress Way
Sellersburg IN 47172

Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon PA 17042

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Legacy Chemical Solutions 404 S. Vine Street Camargo IL 61919	Lesaffre Yeast Corporation 7475 West Main Street Milwaukee WI 53214	Lesco Inc. 1385 East 36th Street Cleveland OH 44114
Lidochem Inc 20 Village Court Hazlet NJ 07730	Lilly Miller Brands - Atlanta 1000 Parkwood Circle Suite 700 Atlanta GA 30339	Louisville & Jefferson County MSD 4522 Algonquin Parkway Louisville KY 40211
Louisville & Jefferson County MSD 4522 Algonquin Parkway Louisville KY 40211	Loveland Products, Inc. 7251 West 4th Street PO Box 1286 Greeley CO 80632	Mac Farms 469 Gwinn Lane Campbellsville KY 42718
Macon Trousdale Farms 905 Scottsville Rd. Lafayette TN 37083	Magic Dirt Horticultural Products, LLC 11500 North Rodney Parham Rd Suite 9 Little Rock AR 72212	Marco NPK Inc 201 E Benton Street POB 477 Clinton IL 61727
Mars Fishcare North America Inc 50 East Hamilton Street Chalfont PA 18914	Marshall County Coop 501 Poplar Street Benton KY 42025	Martin Operating Partnership LP POB 191 Kilgore TX 75663-0191
Master Blend International LLC 4673 Weitz Rd Morris IL 60450	Master Plant-Prod Inc 314 Orenda Rd Brampton ON L6T 1G1 Canada	Mayville Limestone Inc POB 25 Mayville WI 53050
Meristem Crop Performance 1276 Lakemore Dr Woodbury MN 55129	MFA Incorporated 201 Ray Young Drive Columbia MO 65201	Michigan Peat Company POB 980129 Houston TX 77098-0129
Mid-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	MK Minerals Inc 1025 Vernon Rd Wathena KS 66090	Monty's Plant Food 4800 Strawberry Lane Louisville KY 40209

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Morrall Company 132 Postle Street POB 26 Morrall OH 43337	Mosaic Global Sales, LLC. 13830 Circa Crossing Dr. Lithia FL 33547	Mycorrhizal Applications LLC 810 NW E ST Grants Pass OR 97526
N-7, LLC 4425 Singing Hills Blvd. Sioux City IA 51106	Nachurs Alpine Solutions Corporation 421 Leader St. Marion OH 43302-9989	National Garden Wholesale 5408 NE 88TH Street Vancouver WA 98665
Natural Technologies 10 Northern Blvd, Unit 20 Amherst NH 03031	New England Fertilizer Company 9125 W Jefferson Ave Detroit MI 48209	New England Fertilizer Company 97 East Howard Street Quincy MA 02169
Nousbo USA Inc 1020S 344th Street Suite 203 Federal Way WA 98003	Novelty Manufacturing Company 1330 Loop Road Lancaster PA 17601	Nufarm Americas Inc 11901 S Austin Avenue Alsip IL 60803
Nutrien Ag Solutions - Allensville 7645 Allensville Road Allensville KY 42204	Nutrien Ag Solutions - Beaver Dam 230 East 1st Street Beaver Dam KY 42320	Nutrien Ag Solutions - Campbellsville 144 Airport Road Campbellsville KY 42719
Nutrien Ag Solutions - Cecilia 356 Robinson Street Cecilia KY 42724	Nutrien Ag Solutions - Clarkson 702 West Main Street Clarkson KY 42726	Nutrien Ag Solutions - Clarksville 5217 Guthrie Highway Clarksville TN 37040
Nutrien Ag Solutions - Clay 8381 State Route 132 West Clay KY 42404	Nutrien Ag Solutions - Clinton 245 Cotton Gin Road Clinton KY 42031	Nutrien Ag Solutions - Ekron 7410 U.S. 60 Ekron KY 40117
Nutrien Ag Solutions - Fancy Farm 10693 State Route 121 N Fancy Farm KY 42039	Nutrien Ag Solutions - Glasgow 4220 Old Bowling Green Road Glasgow KY 42141	Nutrien Ag Solutions - Greeley POB 1286 Greeley CO 80632
Nutrien Ag Solutions - Hardin 1266 Brewers Highway Hardin KY 42048	Nutrien Ag Solutions - Henderson 1229 Outer 5th Street Henderson KY 42420	Nutrien Ag Solutions - Hopkinsville 3530 Eagle Way Hopkinsville KY 42240
Nutrien Ag Solutions - Lebanon 565 Royer Avenue Lebanon KY 40033	Nutrien Ag Solutions - Morganfield 4770 U.S. 60 West Morganfield KY 42437	Nutrien Ag Solutions - Murray 1319 Cross Spann Rd Murray KY 42071

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Nutrien Ag Solutions - Murray 795 Butterworth Road Murray KY 42071	Nutrien Ag Solutions - Pembroke 221 Duffy Street 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 485 Peyton Street 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 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 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	Nutrient Recovery and Upcycling 507 Bruce St., Suite 202 Verona WI 53593
N-Vizion Products Group Inc POB 579 Washington GA 30673	Oakley Little Rock POB 17880 North Little Rock AR 72117	Ocean Crest Seafoods Inc 88 Commercial St Gloucester MA 01930
OGM POB 3442 Chico CA 95927	Ohio Earth Food 5488 Swamp Street NE Hartville OH 44632	Old World Specialty Products LLC 3100 Sanders Rd Suite 500 Northbrook IL 60062
Oldcastle Lawn & Garden POB 468567 Atlanta GA 31146	Olmix Le Lintan Brehan 56580 France	Omega Protein Inc 610 Menhaden Rd Reedville VA 22539
Omex Agrifluids Inc POB 815 Selma CA 93662	Omya Inc 9987 Carver Rd Cincinnati OH 45242	Oregon's Only POB 7312 Springfield OR 97475
Organic Laboratories Inc 5520 Glades Cut-Off Road Fort Pierce FL 34981	Oro Agri Inc 2788 S Maple Ave Fresno CA 93725	Osprey Biotechnics Inc 1845 57th Street Sarasota FL 34243

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Ostara Nutrients USA Inc 690-1199 West Pender St Vancouver BC V6E 2R1 Canada	Outsidepride.com, Inc. 915 N Main St Independence OR 97351	Paducah-McCracken Rvpt Authority 125 Locust Dr. Paducah KY 42002
Parker Farm Supply 8201 Port Royal Road Port Royal KY 40058	Parrish Shop & Sales, LLC 8805 Larue Road Henderson KY 42420	Patriot Ag LLC - Clinton 4217 State Route 703 Clinton KY 42031
PBI Gordon Corp OB 860350 Shawnee KS 66286	PCI Nitrogen Pasadena LLC POB 3447 Pasadena TX 77501	PCS Sales (USA) Inc A Subsidiary of Nutrien LTD 1101 Skokie Blvd Suite 500 Northbrook IL 60062
Pearl Valley Farms dba Pearl Valley Organix 968 S Kent Rd Pearl City IL 61062	Pellechar LLC 370 Interlocken Blvd Suite 680 Broomfield CO 80021	Pennington Seed - Greenfield 303 S. Grand Ave. POB 338 Greenfield MO 65661
Pennyrile Ag. Oil, Inc. 2260 Princeton Road Hopkinsville KY 42240	PGR AgVantage Inc 8450 Remington Drive Evansville IN 47711	Phase II Inc POB 185 15750 S 680 W Remington IN 47977
Plant Food Company Inc 38 Hightstown-Cranbury Station Rd Cranbury NJ 08512	Plant Marvel Laboratories 371 E. 16th St. Chicago Heights IL 60411	Plant Products USA 50 Hazelton St Leamington ON N8H 3W1 Canada
Plant Revolution Inc 412 Goetz Ave Sant Ana CA 92707	Plant Tuff 9600 Mercier Dearborn MI 48120	Plantabbs Products POB 165 Hunt Valley MD 21030
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
Precision Laboratories 1429 S Shields Dr Waukegan IL 60085	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	Prince Erachem Mexico S.A. de C.V Carretera Tampico Valles KM. 28 Tamos, Panuco 92018 Mexico	Pro Products, LLC 7201 Engle Rd. Fort Wayne IN 46804

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Pro Sol POB 1589 Ozark AL 36361	Pro Solutions - Crofton 222 East Princeton Street Crofton KY 42217	Pro Solutions - Hiseville 66 East Main St Hwy 70 Hiseville KY 42127
ProFarm Inc 3500 South Dupont Highway Dover DE 19901	Proven Winners North America LLC 45 North First St Suite B Campbell CA 95008	Pryor Chemical Company 4463 Hunt St Pryor OK 74361
Pure Life Veganix 16211 N. Scottsdale Rd. , A6A-195 Scottsdale AZ 85254	Purely Organic Products, LLC 1 New Hampshire Ave. Suite 125 Portsmouth NH 03301	Quality Borate Company 3690 Orange Place Suite 495 Cleveland OH 44122
Raintree Services dba Chemlawn Trugreen 400 Center Street Bowling Green KY 42101	Rare Dankness Nutrients POB 462055 Aurora CO 80046	Redox Chemicals LLC 130 S 100 W Burley ID 83318
Reforestation Technologies 5355 Monterey Frontage Rd Gilroy CA 95020-8033	Reiziger Pty Ltd 335 Hay Street Subiaco, Western Australias 6008 Australia	Reliance Ag - Russellville 333 Watermelon Road Russellville KY 42276
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
Rhizoflora Inc 4770 Occidental Rd Santa Rosa CA 95401	Rhodes Farm Supply 2070 Perrytown Road Scottsville KY 42164	Rip's Farm Center - Tollesboro 214 Lions Club Road PO Box 176 Tollesboro KY 41189
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	Rod McLellan Company - Oregon POB 70 Independence OR 97351	Rogers Fertilizer & Services LLC 836 West Main Street Lebanon KY 40033
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 Australia

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

SBM Life Science Corporation 1001 Winstead Drive, Suite 500 Cary NC 27513	Schaeffer Manufacturing Company 102 Barton Street St. Louis MO 63104	Scotts Miracle-Gro Products Inc 14111 Scottslawn Rd Marysville OH 43041
Sea6 Energy Pvt. Ltd. NCBS-TIFR Campus, GKVK Post, Bellary Road Bangalore 560065 India	Seventy Feeds LLC 1647 Highway 70 East Eubank KY 42567	Sharkey Products LLC 305 Henriette Ave Crivitz WI 54114
Simplot AB Retail Sub Inc POB 9296 Boise ID 83707-3296	Simplot Grower Solutions 9625 State Route 121 N. Fancy Farm KY 42039	Simplot Grower Solutions 6007 Bowling Green Road Franklin KY 42134
Simplot Grower Solutions 242 Nobob Road Glasgow KY 42039	Simplot Grower Solutions 1320 Highway 231 North Hartford KY 42347	Simplot Grower Solutions 5799 Shaw Road Melber KY 42069
Simplot Grower Solutions 95 Utility Drive Russellville KY 42276	SimplyGro LLC 373 South Willow Street Suite 289 Manchester NH 03103	Sims Bark Company POB 4049 Muscle Shoals AL 35662
Sipcam Agro USA Inc 2525 Meridian Parkway, Suite 350 Durham NC 27713	Soil Exchange 4516 N Howard Kerman CA 93630	Solce Fertilizer Company LLC 419 10th Avenue West Palmetto FL 34221
South Central Farm Supply 701 East Main Street Gamaliel KY 42140	Southern FS Inc - Hickman 345 Kentucky 166 West Hickman KY 42050	Southern FS, INC POB 728 Marion IL 62959
Southern States 640 Plum Springs Loop Bowling Green KY 42101	Southern States 2829 Hopkinsville Road Cadiz KY 42211	Southern States 1432 Highway 136 East Calhoun KY 42327
Southern States 1236 US Highway 27 South Cynthiana KY 41031	Southern States 606 West Main Street Elkton KY 42220	Southern States 658 West Water Street Flemingsburg KY 41041
Southern States 301 Finn Street Franklin KY 42135	Southern States 300 Samson Street Glasgow KY 42141	Southern States 122 Old Highway 60 E Hardinsburg KY 40143

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Southern States
1027 North College Street
Harrodsburg KY 40330

Southern States
5290 HWY 425 Bypass
Henderson KY 42420

Southern States
501 East 13th Street
Hopkinsville KY 42240

Southern States
401 Bluegrass Ave
Horse Cave KY 42749

Southern States
1208 Barbourville Street
London KY 40741

Southern States
1325 Clyde T Barbour Parkway
Maysville KY 41056

Southern States
2746 Highway 60 West
Morganfield KY 42437

Southern States
3231 Carter Road
Owensboro KY 42301

Southern States
335 Main Street
Owenton KY 40359

Southern States
409 Brooks Avenue
Owingsville KY 40360

Southern States
1607 East Main Street
Richmond KY 40475

Southern States
6606 West Broad St
Richmond VA 23260

Southern States
209 N Bethel St
Russellville KY 42276

Southern States
271 Highway 2227
Somerset KY 42503

Southern States
1752 Bardstown Road
Springfield KY 40069

Southern States
175 Cordier Street
Stanford KY 40484

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

Southern States
21 Pendleton Street
Winchester KY 40391

Spectrum Group
POB 142642
St. Louis MO 63114

Speedling
POB 307
Bushnell FL 33513

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

SQM North America Corp
2727 Paces Ferry Rd. Bldg 2
Suite 1425
Atlanta GA 30339

Stanley Crop Service
250 Church Street
Owensboro KY 42301

Stark Bros Nurseries & Orchards Co
20947 HWY 54
Louisiana MO 63353

Stoller Enterprises Inc
9090 Katy Freeway Suite 400
Houston TX 77024

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

SUL4R Plus, LLC
12601 Plantside Drive
Louisville KY 40299

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

Sun Gro Horticulture Distributing
770 Silver Street
Agawam MA 01001

Sunleaves Garden Products
1000 W Missississippi Avenue
Denver CO 80223

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Sunlight Supply Inc 3204 NW 38th Circle Vancouver WA 98660	Superior Ag Resources POB 7 Chrisney IN 47611	Superior Ag Resources POB 38 St. Meinrad IN 47577
Sustane Natural Fertilizer 310 Holiday Ave Cannon Falls MN 55009	Swiss Farms Products 3993 Howard Hughes Parkway Las Vegas NV 89169	Swiss Singapore America Inc 317 Main Street Suite 200 Franklin TN 37064
Sylvite LLC 1607 W. Olive Lakeland FL 33815	T and N Inc POB 240 815 HWY T Foristell MO 63348	Target Specialty Products 15415 Marquardt Avenue Santa Fe Springs CA 90670
Technaflora Plant Products LTD 7261 River Place Unit 101 Mission BC V4S 0A2 Canada	Tennessee Farmers Coop - Lavergne 180 Old Nashville Highway LaVergne TN 37086	Terrace Brands 3993 Howard Hughes Pkwy Suite 250 Las Vegas NV 89169
Terraform Ag LLC 925 S Beechtree Street Suite 1A Grand Haven MI 49417	TerraVesco POB 1224 Sonoma CA 95476	Tessengerlo Kerley 2910 N. 44th Street Suite 100 Phoenix AZ 85018
TEVA Corporation 6100 State Highway 77 Benton MO 63736	The Andersons Inc POB 119 Maumee OH 43537	The Doggett Corporation 30 Cherry Street Lebanon NJ 08833
The Fertrell Company PO Box 265 Bainbridge PA 17502	The Guano Company 116 Himalaya Dr. POB 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 Scotts Company 14111 Scottslawn Road Marysville OH 43041	This Land Inc 1434 Spruce Street Suite 100 Boulder CO 80302
Thomas Cayce Farm Supply, LLC 3069 Highway 1272 Princeton KY 42445	Tiger-Sul Products LLC POB 5 Atmore AL 36504	Timac Agro USA Inc POB 888 Reading PA 19607
Topbuxus Growing Solutions Markweg 5- 4856 AC Strijbeek The Netherlands	Tower Garden LLC 140 Crescent Dr Collierville TN 38017	Trammo Inc 3000 Bayport Dr, Suite 100 Tampa FL 33607-8403

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

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. Scott Depot WV 25560	TruGreen Evansville 8601 Baumgart Rd Evansville IN 47725
TruGreen Lexington 2269 Danforth Drive Lexington KY 40511	TruGreen Louisville 13135 Middletown Ind Blvd. Louisville KY 40223	Turf Care Supply Corporation 50 Pearl Rd. Unit 200 Brunswick OH 44212
U.S. Borax Inc 200 E Randolph Street Suite 7100 Chicago IL 60601	Ultra Yield Micronutrients Inc 213 West Moxee Avenue Moxee WA 98936	UNCO Industries Inc. 1577 11th Avenue Union Grove WI 53182
United States Gypsum Company 550 West Adams Street Chicago IL 60661-3676	Upcycle and Company LLC 4876 Santa Monica Ave Suite 226 San Diego CA 92107	Valagro 2020 Ponce De Leon Blvd Suite 1203 Coral Gables FL 33134
Verano365 375 Commerce St Suite 100 Southlake TX 76092	Verdesian Life Sciences US LLC 1001 Winstead Dr Suite 480 Cary NC 27513	Vermicrop Organics 5050 Arboga Rd Olivehurst CA 95961
Vivid Life Sciences LLC POB 41632 Minneapolis MN 55441	Vogel Seed & Fertilizer Company Inc 1891 Spring Valley Rd Jackson WI 53037	Voluntary Purchasing Group 230 FM 87 Bonham TX 75418
W.H. Shelley General Merchandise 3352 Colfax Road Hillsboro KY 41049	Wabash Valley Service Company 909 N Court Street Grayville IL 62844	Warner Fertilizer 2672 North Highway 127 Albany KY 42602
Warner Fertilizer 1498 South Columbia Avenue Campbellsville KY 42718	Warner Fertilizer 108 Oak Street Columbia KY 42728	Warner Fertilizer 699 Whipp Avenue Liberty KY 42539
Warner Fertilizer P O Box 117 Monticello KY 42633	Warner Fertilizer 10315 West Highway 80 PO Box 108 Nancy KY 42544	Warner Fertilizer 170 East Highway 80 PO Box 30 Russell Springs KY 42642

TABLE 5: REGISTERED COMPANIES AND LICENSED BLENDERS

Warner Fertilizer
POB 796
Somerset KY 42502

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

Warner Fertilizer
2010 Edmonton Road
PO Box 215
Tompkinsville KY 42167

Waterway Ag Inc
POB 629
Metropolis IL 62960

Waynesburg Ag
457 Jake Faw Rd
Waynesburg KY 40489

Wedgworth's Inc
930 E Sugarland Hwy
Clewiston FL 33440

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

Wengerd Farms
8609 Hwy 88
Greensburg KY 42743

White River LLC
610 Church Street
Loogootee IN 47553

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

Woodstream Corporation
PO Box 8648
Lancaster PA 17604

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

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

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

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Appendices

Appendix A – Explanation of Tables

Appendix B – Investigational Allowances

Appendix C – Monetary Penalties

Appendix D – Maximum Chlorine Guarantee
for Tobacco Fertilizers

Appendix A

Explanation of Tables

Table 1.

Standing of Manufacturer – self explanatory

Table 2.

Sample Data—

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

GRADE: The registrant’s whole number guarantee is expressed as the grade: N - 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 - \$7.00, P₂O₅ - \$6.50, and K₂O (Non-Tobacco) - \$6.00. The “Guaranteed Value” is calculated as follows:

<u>Element</u>	<u>Guaranteed ,%</u>		<u>Unit Value</u>		<u>Value</u>
N	6.0	X	7.00	=	42.00
P ₂ O ₅	24.0	X	6.50	=	156.00
K ₂ O	24.0	X	6.00	=	144.00
Total “Guaranteed Value”					342.00

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

<u>Element</u>	<u>Found, %</u>		<u>Unit Value</u>		<u>Value</u>
N	5.9	X	7.00	=	41.30
P ₂ O ₅	24.1	X	6.5	=	156.65
K ₂ O	23.9	X	6	=	143.40
Total “Found Value”					341.35

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

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

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

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

(1) The investigational allowances are applied by computer to the laboratory analyses before the found analyses are rounded to the nearest tenth of a percent and printed. In the above example, if the laboratory found 9.09% for one sample and 9.13% for the other, only the first one would be marked **in bold** as deficient.

(2) The grade as printed is the largest whole number in the guarantee of each ingredient, that is, any decimal is dropped before the table is printed. For example, a custom-mixed lot of fertilizer may be guaranteed 11.9% 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 marked **in bold** because it is below the 11.9% guarantee by more than the investigational allowance.

Table 3 – Analyses results of secondary and micronutrient elements.

Table 4 - The detailed N, P₂O₅, and K₂O analyses of samples of mixed fertilizers and fertilizer materials by grade.

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

Appendix B

INVESTIGATIONAL ALLOWANCES

Primary Nutrients

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

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

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

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

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

Secondary and Micro Nutrients

Element	Investigation Allowances
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.

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
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The maximum chlorine guarantee shall be:

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

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

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

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