

F E R T I L I Z E R
A N N U A L R E P O R T

JANUARY 1, 2007

TO

DECEMBER 31, 2007

South Dakota Department of Agriculture
523 East Capitol Avenue
Pierre, SD 57501-3182
Phone: 605-773-4432
Fax: 605-773-3481
www.state.sd.us/doa/das

SECRETARY OF AGRICULTURE
BILL EVEN

FERTILIZER PROGRAM

Kevin Fridley -- Director, Division of Agricultural Services
Bradley Berven -- Administrator, Office of Agronomy Services
William Headlee -- Program Specialist, Office of Agronomy Services

LABORATORY

Nancy Thiex -- Oscar E. Olson Biochemistry Laboratories
South Dakota State University
Department of Chemistry and Biochemistry
Box 2170
Brookings, SD 57007

Phone: 605-688-5466
Fax: 605-688-6295

2007 COMMERCIAL FERTILIZER ANNUAL REPORT

The South Dakota Department of Agriculture, Division of Agricultural Services, Office of Agronomy Services under the Authority of SDCL 38-14 provides for sampling and analysis of fertilizer ingredients and fertilizer products sold in South Dakota. Analyses of all products distributed under the law are in this report.

State Inspectors randomly sample fertilizer products throughout South Dakota. The following summary of samples was analyzed and results provided by the Analytical Services Laboratory within the Chemistry Department at the South Dakota State University located in Brookings, South Dakota.

<u>SECTION</u>	<u>PAGE NUMBER</u>
A. SAMPLE COUNT REPORT.....	1
B. SAMPLE REPORT SUMMARY.....	6
C. REGULATORY ANALYTE TOTALS.....	39
D. FERTILIZER TONNAGE SUMMARY.....	41

SECTION A:

SAMPLE

COUNT

REPORT

Sample Count Report

Fertilizers Sampled From 1/1/2007 To 12/31/2007

Manufacturer and Location			Sampled	Passed	Not
4 Seasons Coop	Hecla	SD	1	1	0
ADM	Minneapolis	MN	8	8	0
Advanced Prescription Fertilizer Inc	Hurley	SD	8	7	1
AFI Agrifos Fertilizer	Pasadena	TX	1	1	0
Ag First Farmers Coop	Brookings	SD	1	0	1
Agland Coop	Delmont	SD	2	2	0
Agriliance	Muscatine	IA	2	2	0
Agriliance	St. Paul	MN	13	11	2
Agriliance	Wolsey	SD	1	1	0
Agriliance CAS Groton	Groton	SD	1	1	0
Agriliance LLC	Minneapolis	MN	4	4	0
Agriliance LLC	Watertown	SD	6	5	1
Agriliance, LLC-Worthing	Worthing	SD	2	2	0
Agrium	Soda Springs	ID	1	1	0
Agrium U.S. Inc.	Calgary Alberta	CN	2	2	0
Agrium U.S. Inc.	Chicago	IL	2	2	0
Agrium U.S., Inc	Denver	CO	3	3	0
Agrium US Inc.	Carseland AB	CN	1	1	0
Agro-Culture Liquid Fertilizers	St. Johns	MI	2	2	0
American Plant Food	Galena Park	TX	1	1	0
Arlington Farmers Elevator	Arlington	SD	1	1	0
Benson Quinn	Minneapolis	MN	1	1	0
Big Green Inc	Mitchell	SD	2	2	0
Bonide Products, Inc.	Oriskany	NY	1	1	0
Border States Coop	Wilmot	SD	2	0	2
Cargill Fertilizer	Belle Plainè, SK	CA	1	1	0
Cargill Inc.	Savage	MN	1	0	1
Cenex Harvest States	Minneapolis	MN	2	2	0
Cenex/Land O Lakes	St. Paul	MN	1	1	0
Centennial Ag Supply Company	Kersey	CO	1	1	0
CF Industries Inc	Long Grove	IL	11	11	0
Chemsico	St. Louis	MO	6	2	4
Clark County Farmers Elevator	Clark	SD	1	1	0
Con Agra	St. Paul	MN	1	1	0
Country Pride Coop	Burke	SD	4	3	1
Country Pride Coop	Wagner	SD	7	7	0
Country Pride Coop	Winner	SD	6	6	0
Dakota Gasification Company	Beulah	ND	3	3	0
Dakota Mill and Grain	Presho	SD	2	2	0

Manufacturer and Location			Sampled	Passed	Not
Dakota Plains Ag Center LLC	Parkston	SD	4	4	0
DeBoer Ag Service	Oral	SD	2	2	0
Dell Rapids Coop Grain	Dell Rapids	SD	2	0	2
Deuel County Farmers Union	Toronto	SD	1	1	0
Dyno Nobel	Salt Lake City	UT	1	1	0
Dyno Nobel Inc.	Cheyenne	WY	1	1	0
Eastern Farmers Coop Baltic	Baltic	SD	1	1	0
Eastern Farmers Coop-Worthing Ag	Worthing	SD	2	2	0
Eau Claire Coop Oil Company	Eau Claire	WI	1	0	1
ENP	Mendota	IL	1	1	0
Estelline Coop Oil	Estelline	SD	1	1	0
Farmers AG LLC	Madison	SD	1	0	1
Farmers Alliance	Mitchell	SD	4	4	0
Farmers Alliance-Storla	Letcher	SD	6	3	3
Farmers Coop Elevator	New Effington	SD	1	0	1
Farmers Elevator Coop	Rock Valley	IA	2	2	0
Farmers Plant Food	Corson	SD	1	0	1
Farmers Plant Food	Verdi	MN	1	1	0
Farmers Plant Food Inc	Garretson	SD	4	4	0
Farmers Plant Food Inc	Wolsey	SD	1	1	0
Farmers Union Coop	Reliance	SD	2	2	0
Farmers Union Oil Co.	Bryant	SD	3	3	0
Florence Farmers Elevator	Florence	SD	1	0	1
Free Flow Fertilizer	Maumee	OH	1	1	0
Fremar Agronomy	Marion	SD	2	2	0
Gro Tec Inc	Madison	GA	1	0	1
Hamlin County Farmers Coop	Hayti	SD	3	3	0
Helena Chemical Co	Collierville	TN	1	0	1
Howard Farmers Coop Assn	Howard	SD	1	1	0
Howard Johnsons Enterprises Inc	Milwaukee	WI	2	0	2
Johnsons Ranchers Supply Inc	Wall	SD	1	1	0
JRS Rock Springs	Rock Springs	WY	1	1	0
Lake Preston Coop	Lake Preston	SD	1	1	0
Lebanon Seaboard Corp	Lebanon	PA	1	1	0
Midwest Cooperatives	Onida	SD	3	3	0
Milorganite	Milwaukee	WI	1	1	0
Mosaic Crop Nutrition	Minneapolis	MN	1	1	0
Mosaic Crop Nutrition, LLC	Savage	MN	1	1	0
Mosaic Phosphates Co.	Riverview	FL	1	1	0
Mosaic USA LLC	Minneapolis	MN	9	9	0
North Central Farmers Elevator	Warner	SD	4	1	3
Northern Plains Coop	Dupree	SD	1	1	0
Northern Plains Coop	Selby	SD	2	1	1
Nutra-Flo Company	Sioux City	IA	3	3	0

Manufacturer and Location			Sampled	Passed	Not
Potash Corp.	Rocanville,		1	1	0
Quali Trade Inc.	Jordan	MN	1	1	0
Reville Farmers Elevator	Reville	SD	2	1	1
Saskferco	Belle Plaine, Sask.	CN	7	7	0
Schultz Company	Bridgeton	MO	4	3	1
Scotts Company	Marysville	OH	6	6	0
Scotts Miracle-Gro Products, Inc.	Marysville	OH	6	4	2
Scotts Sierra Horticulture	Marysville	OH	1	1	0
SD Wheat Growers	Wolsey	SD	4	4	0
SD Wheatgrowers Assn	Aberdeen	SD	5	5	0
SD Wheatgrowers Assn	Bath	SD	4	2	2
SD Wheatgrowers Assn	Huron	SD	10	10	0
SD Wheatgrowers Assn	Mellette	SD	4	4	0
SE Farmers Elevator	Elk Point	SD	6	4	2
Simplot	Winner	SD	3	2	1
Sinai Coop Elevator	Sinai	SD	3	3	0
South Dakota Wheatgrowers	Redfield	SD	2	0	2
Southwest Grain	Lemmon	SD	3	3	0
Spectrum Group-Div of United	St. Louis	MO	2	2	0
Tabor Lumber Coop	Tabor	SD	1	0	1
Terra International Inc	Sioux City	IA	2	2	0
Terra Nitrogen Corp	Sioux City	IA	2	2	0
Tessengerlo Kerley, Inc.	Billings	MT	1	1	0
Tetra Micronutrients	Fairbury	NE	1	1	0
The Scotts Company	Marysville	OH	9	8	1
United Suppliers Hayland Terminal	Juanita	NE	1	1	0
Volga Ag Service	Volga	SD	1	1	0
West Central Inc.	Willmar	MN	1	1	0
Western Consolidated Coop	Holloway	MN	1	1	0
Western Consolidated Coop	Twin Brooks	SD	5	5	0
Wilbur-Ellis Company	Minot	ND	1	1	0
Worthing Ag Center	Worthing	SD	1	1	0
Yankton Ag Services, Inc.	Yankton	SD	2	2	0
Totals:			304	260	44

Percent Passed: 85.5%

Percent Not: 14.5%

Sample Count by Type

Fertilizers Sampled from 1/1/2007 to 12/31/2007

<u>TYPE</u>	<u># SAMPLED</u>	<u># PASSED</u>	<u># FAILED</u>		<u>PASS RATE</u>	<u>FAIL RATE</u>
Straight Dry	161	156	5		96.9%	3.1%
Custom Fertilizer	56	36	20		64.3%	35.7%
Straight Liquid	41	36	5		87.8%	12.2%
Small Package	21	16	5		76.2%	23.8%
Lawn & Garden	25	16	9		64.0%	36.0%
OVERALL	304	260	44		85.5%	14.5%

SECTION B:

SAMPLE

REPORT

SUMMARY

Manufacturer Location	Product	Analyte	Found	Claim
4 Seasons Coop Hecla, SD	Dry Bulk Fertilizer 21-0-0-24	Total Nitrogen, %	21.00	21
		Sulfur, %	24.47	24
ADM Minneapolis, MN	Dry Bulk Fertilizer 46-0-0	Total Nitrogen, %	46.92	46
	Dry Bulk Fertilizer 0-0-60	Soluble Potash, %	60.61	60
	Dry Bulk Fertilizer 18-46-0	Commercial Value	145.	146
		Overall Index Value	99.5	100
		Total Nitrogen, %	17.82	18
		Available Phosphate, %	45.88	46
	Dry Bulk Fertilizer 11-52-0	Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	11.18	11
		Available Phosphate, %	51.60	52
	Dry Bulk Fertilizer 46-0-0	Total Nitrogen, %	46.45	46
	Dry Bulk Fertilizer 11-52-0	Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.04	11
		Available Phosphate, %	52.44	52
	Liquid Bulk Fertilizer 28-0-0	Total Nitrogen, %	28.18	28
	Liquid Bulk Fertilizer 28-0-0	Arsenic, ug/g (ppm)	<1.0	
Cadmium, ug/g (ppm)		0.5		
Cobalt, ug/g (ppm)		<0.2		
Total Nitrogen, %		27.19	28	
Lead, ug/g (ppm)		<1.0		
Mercury, ug/g (ppm)		0.004		
Molybdenum, ug/g (ppm)		<1.0		
Nickel, ug/g (ppm)		1.2		
Selenium, ug/g (ppm)		<0.140		
Zinc, ug/g (ppm)		19.2		
Advanced Prescription Fertilizer Inc Hurley, SD	Custom Liquid Bulk Fertilizer 7-0-0-8S	Total Nitrogen, %	7.13	7
		Sulfur, %	8.12	8
	Custom Liquid Bulk Fertilizer 2-0-10-2S	Commercial Value	16.9	16
		Overall Index Value	105.	100
		Total Nitrogen, %	2.34	2
		Soluble Potash, %	9.84	10
		Sulfur, %	2.04	2
	Custom Liquid Bulk Fertilizer 0-0-0-6Zn	Zinc, %	5.61	6

Manufacturer Location	Product	Analyte	Found	Claim
	Custom Liquid Bulk Fertilizer 24-0-0-4S		07N-07793	
	Total Nitrogen, %		23.38	24
	Sulfur, %		3.94	4
	Custom Liquid Bulk Fertilizer 20-1-1-3S		07N-07794	
	Commercial Value		61.9	63
	Overall Index Value		98.3	100
	Total Nitrogen, %		19.30	20
	Available Phosphate, %		1.19	1
	Soluble Potash, %		1.66	1
	Sulfur, %		3.63	3
	Custom Liquid Bulk Fertilizer 0-0-0-6Cu		07N-07795	
	Arsenic, ug/g (ppm)		2.7	
	Cadmium, ug/g (ppm)		<0.5	
	Cobalt, ug/g (ppm)		<0.2	
	Copper, %		5.45	6
	Lead, ug/g (ppm)		5.5	
	Mercury, ug/g (ppm)		0.007	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		3.3	
	Selenium, ug/g (ppm)		<0.140	
	Zinc, ug/g (ppm)		682.	
	** Custom Liquid Bulk Fertilizer 0-0-0-6Mn		07N-07796	
	Manganese, %		4.88	6 DEFICIENT
	Custom Liquid Bulk Fertilizer 23-0-0		07N-07797	
	Total Nitrogen, %		23.06	23
AFI Agrifos Fertilizer Pasadena, TX				
	Dry bulk fertilizer 11-52-0		07N-04515	
	Arsenic, ug/g (ppm)		3.9	
	Cadmium, ug/g (ppm)		5.5	
	Cobalt, ug/g (ppm)		3.3	
	Commercial Value		138.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		10.95	11
	Available Phosphate, %		52.41	52
	Lead, ug/g (ppm)		4.1	
	Mercury, ug/g (ppm)		0.012	
	Molybdenum, ug/g (ppm)		13.	
	Nickel, ug/g (ppm)		21.3	
	Selenium, ug/g (ppm)		<0.140	
	Zinc, ug/g (ppm)		97.0	
Ag First Farmers Coop Brookings, SD				
	** Custom Dry Bulk Fertilizer 36-15-0		07N-05167	
	Commercial Value		138.	138
	Overall Index Value		99.9	100
	Total Nitrogen, %		34.33	36 DEFICIENT
	Available Phosphate, %		17.51	15
Agland Coop Deilmont, SD				
	Custom Dry Bulk Fertilizer 25.1-34.5-0		07N-06058	
	Commercial Value		147.	144.3
	Overall Index Value		102.	100
	Total Nitrogen, %		24.63	25.1
	Available Phosphate, %		36.12	34.5

Manufacturer Location	Product	Analyte	Found	Claim
	Custom Dry Bulk Fertilizer 35.6-15.6-0		07N-06059	
		Commercial Value	143.	138
		Overall Index Value	104.	100
		Total Nitrogen, %	37.30	35.6
		Available Phosphate, %	15.65	15.6
Agrilance Muscatine, IA				
	Dry Bulk Fertilizer 46-0-0		07N-05291	
		Total Nitrogen, %	46.52	46
	Dry Bulk Fertilizer 46-0-0		07N-05293	
		Total Nitrogen, %	46.64	46
Agrilance St. Paul, MN				
	Dry Bulk Fertilizer 0-0-60		07N-01414	
		Soluble Potash, %	60.83	60
	Liquid Bulk Fertilizer 20% Zinc		07N-05098	
		Arsenic, ug/g (ppm)	1.2	
		Cadmium, ug/g (ppm)	5.3	
		Cobalt, ug/g (ppm)	<0.2	
		Zinc, %	19.36	20
		Lead, ug/g (ppm)	25.0	
		Mercury, ug/g (ppm)	0.004	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	1.8	
		Selenium, ug/g (ppm)	<0.140	
		Zinc, ug/g (ppm)	194000.	
	Dry Bulk Fertilizer 11-52-0		07N-05172	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.21	11
		Available Phosphate, %	51.77	52
	Dry Bulk Fertilizer 46-0-0		07N-05175	
		Total Nitrogen, %	46.50	46
	Dry Bulk Fertilizer 46-0-0		07N-05179	
		Total Nitrogen, %	46.51	46
	Dry Bulk Fertilizer 11-52-0		07N-05180	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.36	11
		Available Phosphate, %	51.49	52
	Dry Bulk Fertilizer 46-0-0		07N-05183	
		Total Nitrogen, %	46.24	46
	*** Liquid Bulk Fertilizer 10-34-0		07N-05246	
		Commercial Value	93.7	98
		Overall Index Value	95.6	100 DEFICIENT
		Total Nitrogen, %	10.97	10
		Available Phosphate, %	31.61	34 DEFICIENT
	Dry Bulk Fertilizer 21-0-0-24		07N-06061	
		Total Nitrogen, %	21.09	21
		Sulfur, %	24.02	24
	Dry Bulk Fertilizer 0-0-60		07N-08308	
		Soluble Potash, %	60.04	60

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 46-0-0		07N-08309		
		Arsenic, ug/g (ppm)	1.4		
		Cadmium, ug/g (ppm)	<0.5		
		Cobalt, ug/g (ppm)	<0.2		
		Total Nitrogen, %	46.27	46	
		Lead, ug/g (ppm)	<1.0		
		Mercury, ug/g (ppm)	0.005		
		Molybdenum, ug/g (ppm)	<1.0		
		Nickel, ug/g (ppm)	1.8		
		Selenium, ug/g (ppm)	<0.140		
		Zinc, ug/g (ppm)	4.40		
	** Faithful Farms Weed & Seed 23-3-7		07N-08811		
		Commercial Value	80.0	82	
		Overall Index Value	97.5	100	DEFICIENT
		Total Nitrogen, %	22.46	23	
		Available Phosphate, %	2.90	3	
		Soluble Potash, %	6.78	7	
	Faithful Farms Dry Bulk Fertilizer 12-12-12		07N-08813		
		Commercial Value	75.4	72	
		Overall Index Value	105.	100	
		Total Nitrogen, %	13.06	12	
		Available Phosphate, %	12.41	12	
		Soluble Potash, %	11.39	12	
Agrilience					
Wolsey, SD					
	Dry Bulk Fertilizer 11-52-0		07N-02581		
		Commercial Value	138.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	11.12	11	
		Available Phosphate, %	52.26	52	
Agrilience CAS Groton					
Groton, SD					
	Dry Bulk Fertilizer 46-0-0		07N-02583		
		Total Nitrogen, %	46.58	46	
Agrilience LLC					
Minneapolis, MN					
	Dry Bulk Fertilizer 18-46-0		07N-05300		
		Commercial Value	145.	146	
		Overall Index Value	99.1	100	
		Total Nitrogen, %	17.89	18	
		Available Phosphate, %	45.49	46	
	Dry Bulk Fertilizer 46-0-0		07N-05420		
		Total Nitrogen, %	46.29	46	
	Dry Bulk Fertilizer 11-52-0		07N-05421		
		Commercial Value	139.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	11.56	11	
		Available Phosphate, %	52.13	52	
	Dry Bulk Fertilizer 0-0-60		07N-05422		
		Soluble Potash, %	59.80	60	

Manufacturer Location	Product	Analyte	Found	Claim
Agrilience LLC				
Watertown, SD				
	** Custom Dry Bulk Fertilizer 8-32-10-4S-2Zn		07N-05287	
	Commercial Value		104.	98
	Overall Index Value		106.	100
	Total Nitrogen, %		11.35	8
	Available Phosphate, %		30.76	32 DEFICIENT
	Soluble Potash, %		8.39	10 DEFICIENT
	Sulfur, %		6.95	4
	Zinc, %		1.90	2
	Custom Dry Bulk Fertilizer 34-17-0		07N-05288	
	Commercial Value		142.	136
	Overall Index Value		105.	100
	Total Nitrogen, %		35.72	34
	Available Phosphate, %		17.59	17
	Dry Bulk Fertilizer 11-52-0		07N-05297	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.64	11
	Available Phosphate, %		51.28	52
	Dry Bulk Fertilizer 46-0-0		07N-05719	
	Total Nitrogen, %		46.38	46
	Dry Bulk Fertilizer 18-46-0		07N-05720	
	Commercial Value		145.	146
	Overall Index Value		99.3	100
	Total Nitrogen, %		17.62	18
	Available Phosphate, %		46.08	46
	Dry Bulk Fertilizer 46-0-0		07N-05784	
	Total Nitrogen, %		46.30	46
Agrilience, LLC-Worthing				
Worthing, SD				
	Dry Bulk Fertilizer 18-46-0		07N-05236	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.32	18
	Available Phosphate, %		46.25	46
	Dry Bulk Fertilizer 18-46-0		07N-05239	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.21	18
	Available Phosphate, %		46.35	46
Agrium				
Soda Springs, ID				
	Dry Bulk Fertilizer 11-52-0		07N-09602	
	Commercial Value		140.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.72	11
	Available Phosphate, %		52.19	52
Agrium U.S. Inc.				
Calgary Alberta, CN				
	Dry Bulk Fertilizer 46-0-0		07N-02399	
	Total Nitrogen, %		46.76	46
	Dry Bulk Fertilizer 46-0-0		07N-02580	
	Total Nitrogen, %		46.36	46

Manufacturer Location	Product	Analyte	Found	Claim
Agrium U.S. Inc.				
Chicago, IL				
	Dry Bulk Fertilizer 46-0-0		07N-02948	
	Total Nitrogen, %		46.72	46
	Dry Bulk Fertilizer 21-0-0-24S		07N-02952	
	Total Nitrogen, %		21.22	21
	Sulfur, %		25.02	24
Agrium U.S., Inc				
Denver, CO				
	Dry Bulk Fertilizer 46-0-0		07N-05124	
	Total Nitrogen, %		46.56	46
	Dry Bulk Fertilizer 21-0-0-24		07N-05292	
	Total Nitrogen, %		20.91	21
	Sulfur, %		24.47	24
	Dry Bulk Fertilizer 11-52-0		07N-12664	
	Commercial Value		140.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.46	11
	Available Phosphate, %		52.98	52
Agrium US Inc.				
Carseland AB, CN				
	Dry Bulk Fertilizer 46-0-0		07N-09600	
	Total Nitrogen, %		46.66	46
Agro-Culture Liquid Fertilizers				
St. Johns, MI				
	Liquid fertilizer 27-0-0-1S		07N-06109	
	Total Nitrogen, %		26.76	27
	Sulfur, %		0.92	1
	Liquid Bulk fertilizer 9-24-3		07N-06110	
	Commercial Value		80.3	78
	Overall Index Value		103.	100
	Total Nitrogen, %		9.72	9
	Available Phosphate, %		24.01	24
	Soluble Potash, %		3.11	3
American Plant Food				
Galena Park, TX				
	Dry Bulk Fertilizer 21-0-0		07N-02400	
	Total Nitrogen, %		21.25	21
Arlington Farmers Elevator				
Arlington, SD				
	Custom Dry Bulk Fertilizer 27.88-17.16-8.58		07N-05170	
	Commercial Value		130.	126.54
	Overall Index Value		102.	100
	Total Nitrogen, %		28.14	27.88
	Available Phosphate, %		18.59	17.16
	Soluble Potash, %		8.00	8.58
Benson Quinn				
Minneapolis, MN				
	Dry Bulk Fertilizer 11-52-0		07N-06055	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.15	11
	Available Phosphate, %		51.86	52

Manufacturer Location	Product	Analyte	Found	Claim	
Big Green Inc Mitchell, SD					
	Liquid Bulk Fertilizer 10-34-0		07N-08271		
		Commercial Value	96.8	98	
		Overall Index Value	98.8	100	
		Total Nitrogen, %	9.96	10	
		Available Phosphate, %	33.43	34	
	Liquid Bulk Fertilizer 28-0-0		07N-08272		
		Total Nitrogen, %	28.46	28	
Bonide Products, Inc. Oriskany, NY					
	Fish Emulsion 2-4-0.5 Natural Plant Food		07N-04508		
		Arsenic, ug/g (ppm)	4.0		
		Cadmium, ug/g (ppm)	<0.5		
		Cobalt, ug/g (ppm)	<0.2		
		Commercial Value	16.3	14	
		Overall Index Value	116.	100	
		Total Nitrogen, %	2.30	2	
		Available Phosphate, %	4.70	4	
		Lead, ug/g (ppm)	<1.0		
		Mercury, ug/g (ppm)	0.007		
		Molybdenum, ug/g (ppm)	<1.0		
		Nickel, ug/g (ppm)	0.9		
		Selenium, ug/g (ppm)	0.420		
		Zinc, ug/g (ppm)	12.7		
Border States Coop Wilmot, SD					
	*** Custom Dry Bulk Fertilizer 34-10-7		07N-05185		
		Commercial Value	126.	129	
		Overall Index Value	97.6	100	DEFICIENT
		Total Nitrogen, %	31.22	34	DEFICIENT
		Available Phosphate, %	10.49	10	
		Soluble Potash, %	7.86	7	
	*** Custom Dry Bulk Fertilizer 31-15-8		07N-05186		
		Commercial Value	126.	130.6	
		Overall Index Value	96.3	100	DEFICIENT
		Total Nitrogen, %	27.23	30.7	DEFICIENT
		Available Phosphate, %	15.95	15.4	
		Soluble Potash, %	7.53	7.69	
Cargill Fertilizer Belle Plaine, SK, CA					
	Dry Bulk Fertilizer 11-52-0		07N-04524		
		Commercial Value	137.	137	
		Overall Index Value	100.	100	
		Total Nitrogen, %	11.30	11	
		Available Phosphate, %	51.78	52	
Cargill Inc. Savage, MN					
	*** Dry Bulk Fertilizer 11-52-0		07N-05284		
		Commercial Value	138.	137	
		Overall Index Value	100.	100	
		Total Nitrogen, %	11.82	11	
		Available Phosphate, %	50.66	52	DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim
Cenex Harvest States				
Minneapolis, MN				
	Dry Bulk Fertilizer 46-0-0		07N-02397	
	Total Nitrogen, %		46.66	46
	Dry Bulk Fertilizer 11-52-0		07N-02398	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.09	11
	Available Phosphate, %		52.58	52
Cenex/Land O Lakes				
St. Paul, MN				
	Dry bulk fertilizer 0-0-60		07N-04513	
	Soluble Potash, %		60.61	60
Centennial Ag Supply Company				
Kersey, CO				
	Liquid Custom Turf Fertilizer 17-2-5		07N-15011	
	Commercial Value		60.4	60
	Overall Index Value		101.	100
	Total Nitrogen, %		17.24	17
	Available Phosphate, %		1.67	2
	Soluble Potash, %		5.32	5
CF Industries Inc				
Long Grove, IL				
	Dry Bulk Fertilizer 46-0-0		07N-05117	
	Total Nitrogen, %		46.59	46
	Dry Bulk Fertilizer 46-0-0		07N-05237	
	Total Nitrogen, %		46.62	46
	Dry Bulk Fertilizer 11-52-0		07N-05248	
	Commercial Value		139.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.89	11
	Available Phosphate, %		51.63	52
	Dry Bulk Fertilizer 46-0-0		07N-05249	
	Arsenic, ug/g (ppm)		1.5	
	Cadmium, ug/g (ppm)		<0.5	
	Cobalt, ug/g (ppm)		<0.2	
	Total Nitrogen, %		46.62	46
	Lead, ug/g (ppm)		<1.0	
	Mercury, ug/g (ppm)		0.004	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		2.1	
	Selenium, ug/g (ppm)		<0.140	
	Zinc, ug/g (ppm)		11.5	
	Dry Bulk Fertilizer 18-46-0		07N-05283	
	Commercial Value		145.	146
	Overall Index Value		99.2	100
	Total Nitrogen, %		17.94	18
	Available Phosphate, %		45.49	46
	Dry Bulk Fertilizer 46-0-0		07N-05285	
	Total Nitrogen, %		46.73	46
	Dry Bulk Fertilizer 11-52-0		07N-05286	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.33	11
	Available Phosphate, %		51.65	52

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 11-52-0		07N-05426		
		Commercial Value	137.	137	
		Overall Index Value	100.	100	
		Total Nitrogen, %	10.96	11	
		Available Phosphate, %	52.25	52	
	Dry Bulk Fertilizer 18-46-0		07N-05427		
		Commercial Value	147.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.66	18	
		Available Phosphate, %	46.91	46	
	Dry Bulk Fertilizer 46-0-0		07N-05428		
		Total Nitrogen, %	46.55	46	
	Dry Bulk Fertilizer 11-52-0		07N-08319		
		Commercial Value	139.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	11.73	11	
		Available Phosphate, %	51.62	52	
Chemsico					
St. Louis, MO					
	*** ACE Green Turf Lawn Fertilizer 30-3-3		07N-05222		
		Commercial Value	94.1	99	
		Overall Index Value	95.1	100	DEFICIENT
		Total Nitrogen, %	28.02	30	DEFICIENT
		Available Phosphate, %	2.88	3	
		Soluble Potash, %	4.25	3	
	*** ACE Green Turf Weed & Feed 29-3-3		07N-05225		
		Commercial Value	89.4	96	
		Overall Index Value	93.1	100	DEFICIENT
		Total Nitrogen, %	26.76	29	DEFICIENT
		Available Phosphate, %	4.24	3	
		Soluble Potash, %	2.42	3	DEFICIENT
	*** ACE Green Turf Starter Fertilizer 20-27-5		07N-05227		
		Commercial Value	116.	119	
		Overall Index Value	97.6	100	DEFICIENT
		Total Nitrogen, %	18.88	20	DEFICIENT
		Available Phosphate, %	27.53	27	
		Soluble Potash, %	5.00	5	
	Weed and Feed KGro 28-3-3		07N-05278		
		Commercial Value	94.0	93	
		Overall Index Value	101.	100	
		Total Nitrogen, %	28.33	28	
		Available Phosphate, %	2.91	3	
		Soluble Potash, %	3.15	3	
	All Purpose Lawn & Garden 10-10-10		07N-05280		
		Commercial Value	60.1	60	
		Overall Index Value	100.	100	
		Total Nitrogen, %	10.19	10	
		Available Phosphate, %	9.60	10	
		Soluble Potash, %	10.34	10	
	*** Ace Green Turf Lawn Fertilizer 30-3-3		07N-06718		
		Commercial Value	108.	99	
		Iron, %	1.17	2	DEFICIENT
		Overall Index Value	109.	100	
		Total Nitrogen, %	32.56	30	
		Available Phosphate, %	3.46	3	
		Soluble Potash, %	3.57	3	

Manufacturer Location	Product	Analyte	Found	Claim
Clark County Farmers Elevator				
Clark, SD				
	Custom Dry Bulk Fertilizer 40-9-0		07N-05295	
	Commercial Value		140.	137.8
	Overall Index Value		102.	100
	Total Nitrogen, %		39.57	39.94
	Available Phosphate, %		10.91	9
Con Agra				
St. Paul, MN				
	Dry Bulk Fertilizer 46-0-0		07N-04523	
	Total Nitrogen, %		46.70	46
Country Pride Coop				
Burke, SD				
	Dry Bulk Fertilizer 18-46-0		07N-07123	
	Commercial Value		145.	146
	Overall Index Value		99.0	100
	Total Nitrogen, %		17.95	18
	Available Phosphate, %		45.63	46
	Dry Bulk Fertilizer 21-0-0-24		07N-07124	
	Total Nitrogen, %		21.06	21
	Sulfur, %		23.90	24
	** Dry Bulk Fertilizer 0-0-60		07N-07125	
	Soluble Potash, %		58.08	60 DEFICIENT
	Dry Bulk Fertilizer 46-0-0		07N-07126	
	Total Nitrogen, %		46.43	46
Country Pride Coop				
Wagner, SD				
	Liquid Bulk Fertilizer 10-34-0		07N-14283	
	Commercial Value		97.9	98
	Overall Index Value		99.9	100
	Total Nitrogen, %		10.19	10
	Available Phosphate, %		33.68	34
	Liquid Bulk Fertilizer 28-0-0		07N-14284	
	Total Nitrogen, %		28.55	28
	Liquid Bulk Fertilizer 32-0-0		07N-14285	
	Total Nitrogen, %		32.26	32
	Dry Bulk Fertilizer 46-0-0		07N-14286	
	Total Nitrogen, %		46.59	46
	Dry Bulk Fertilizer 18-46-0		07N-14287	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.14	18
	Available Phosphate, %		46.42	46
	Dry Bulk Fertilizer 11-52-0		07N-14288	
	Commercial Value		140.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.36	11
	Available Phosphate, %		52.49	52

Manufacturer Location	Product	Analyte	Found	Claim
	Dry Bulk Fertilizer 0-0-60		07N-14289	
		Arsenic, ug/g (ppm)	1.5	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	<0.2	
		Soluble Potash, %	59.72	60
		Lead, ug/g (ppm)	<1.0	
		Mercury, ug/g (ppm)	0.004	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	0.9	
		Selenium, ug/g (ppm)	<0.140	
		Zinc, ug/g (ppm)	7.70	
Country Pride Coop Winner, SD				
	Dry Bulk Fertilizer 21-0-0-24		07N-07138	
		Total Nitrogen, %	21.23	21
		Sulfur, %	24.59	24
	Dry Bulk Fertilizer 11-52-0		07N-07139	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.22	11
		Available Phosphate, %	52.46	52
	Dry Bulk Fertilizer 21-0-0-24		07N-07140	
		Total Nitrogen, %	21.21	21
		Sulfur, %	24.41	24
	Dry Bulk Fertilizer 0-0-60		07N-07141	
		Soluble Potash, %	59.96	60
	Dry Bulk Fertilizer 21-0-0-24		07N-07142	
		Total Nitrogen, %	20.80	21
		Sulfur, %	24.44	24
	Dry Bulk Fertilizer 46-0-0		07N-07143	
		Total Nitrogen, %	46.63	46
Dakota Gasification Company Beulah, ND				
	Dry Bulk Fertilizer 21-0-0-24		07N-01415	
		Total Nitrogen, %	21.06	21
		Sulfur, %	23.56	24
	Dry bulk fertilizer 21-0-0-24		07N-04516	
		Total Nitrogen, %	21.04	21
		Sulfur, %	24.55	24
	Dry Bulk Fertilizer 21-0-0-24		07N-05379	
		Total Nitrogen, %	20.97	21
		Sulfur, %	24.45	24
Dakota Mill and Grain Presho, SD				
	Dry Bulk Fertilizer 46-0-0		07N-07034	
		Total Nitrogen, %	46.55	46
	Dry Bulk Fertilizer 11-52-0		07N-07035	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.29	11
		Available Phosphate, %	52.02	52
Dakota Plains Ag Center LLC Parkston, SD				
	Dry Bulk Fertilizer 46-0-0		07N-05972	
		Total Nitrogen, %	46.78	46

Manufacturer Location	Product	Analyte	Found	Claim
	Dry Bulk Fertilizer 46-0-0		07N-06056	
	Total Nitrogen, %		46.70	46
	Dry Bulk Fertilizer 18-46-0		07N-06057	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		17.99	18
	Available Phosphate, %		46.71	46
	Dry Bulk Fertilizer 11-52-0		07N-15013	
	Commercial Value		137.	137
	Overall Index Value		99.9	100
	Total Nitrogen, %		11.26	11
	Available Phosphate, %		51.53	52
DeBoer Ag Service				
Oral, SD				
	Liquid Bulk Fertilizer 28-0-0		07N-05376	
	Total Nitrogen, %		28.28	28
	Dry Bulk Fertilizer 0-0-60		07N-12662	
	Soluble Potash, %		60.51	60
Dell Rapids Coop Grain				
Dell Rapids, SD				
	** Custom Dry Bulk Fertilizer 34.37-9.82-7.37		07N-05235	
	Commercial Value		130.	130.12
	Overall Index Value		100.	100
	Total Nitrogen, %		35.09	34.37
	Available Phosphate, %		8.27	9.82 DEFICIENT
	Soluble Potash, %		8.87	7.37
	** Custom Dry Bulk Fertilizer 34.37-9.82-7.37		07N-05242	
	Commercial Value		131.	130.12
	Overall Index Value		100.	100
	Total Nitrogen, %		32.28	34.37 DEFICIENT
	Available Phosphate, %		12.41	9.82
	Soluble Potash, %		8.19	7.37
Deuel County Farmers Union				
Toronto, SD				
	Custom Dry Bulk Fertilizer 26.8-14.4-12.4		07N-05178	
	Commercial Value		127.	121.6
	Overall Index Value		105.	100
	Total Nitrogen, %		26.09	26.8
	Available Phosphate, %		18.06	14.4
	Soluble Potash, %		12.86	12.4
Dyno Nobel				
Salt Lake City, UT				
	Liquid Bulk Fertilizer 32-0-0		07N-05371	
	Total Nitrogen, %		32.66	32
Dyno Nobel Inc.				
Cheyenne, WY				
	Liquid Bulk Fertilizer 32-0-0		07N-05375	
	Total Nitrogen, %		32.80	32

Manufacturer Location	Product	Analyte	Found	Claim
Eastern Farmers Coop Baltic Baltic, SD				
	Dry bulk custom fertilizer 30.85-11.02-8.81-S3.3		07N-04379	
		Commercial Value	132.	123.4
		Overall Index Value	107.	100
		Total Nitrogen, %	30.04	30.85
		Available Phosphate, %	16.58	11.02
		Soluble Potash, %	8.71	8.81
		Sulfur, %	3.99	3.3
Eastern Farmers Coop-Worthing Ag Center Worthing, SD				
	Dry bulk fertilizer 18-46-0		07N-04380	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.88	18
		Available Phosphate, %	46.43	46
	Dry bulk fertilizer 46-0-0		07N-04381	
		Total Nitrogen, %	46.36	46
Eau Claire Coop Oil Company Eau Claire, WI				
	*** Max Lawn Starter Fertilizer 12-24-6		07N-02083	
		Commercial Value	73.7	90
		Overall Index Value	81.8	100
		Total Nitrogen, %	9.28	12
		Available Phosphate, %	19.32	24
		Soluble Potash, %	6.51	6
ENP Mendota, IL				
	Dry-Bloom 5-10-5 w/ 1% Calcium		07N-06721	
		Arsenic, ug/g (ppm)	5.3	
		Cadmium, ug/g (ppm)	3.9	
		Cobalt, ug/g (ppm)	<0.2	
		Calcium, %	9.17	1
		Commercial Value	55.5	40
		Overall Index Value	139.	100
		Total Nitrogen, %	8.16	5
		Available Phosphate, %	12.88	10
		Soluble Potash, %	5.26	5
		Lead, ug/g (ppm)	<1.0	
		Mercury, ug/g (ppm)	0.013	
		Molybdenum, ug/g (ppm)	1.4	
		Nickel, ug/g (ppm)	14.5	
		Selenium, ug/g (ppm)	2.12	
		Zinc, ug/g (ppm)	226.	
Estelline Coop Oil Estelline, SD				
	Liquid Bulk Fertilizer 28-0-0		07N-07250	
		Total Nitrogen, %	27.94	28

Manufacturer Location	Product	Analyte	Found	Claim
Farmers AG LLC Madison, SD				
	*** Custom Dry Bulk Fertilizer 12.93-33.04-14.16-1.51Zn		07N-05238	
	Commercial Value		122.	119.03
	Overall Index Value		102.	100
	Total Nitrogen, %		14.62	12.93
	Available Phosphate, %		33.05	33.04
	Soluble Potash, %		11.82	14.16 DEFICIENT
	Zinc, %		1.38	1.51
Farmers Alliance Mitchell, SD				
	Dry Bulk Fertilizer 18-46-0		07N-06062	
	Commercial Value		144.	146
	Overall Index Value		98.8	100
	Total Nitrogen, %		17.68	18
	Available Phosphate, %		45.63	46
	Dry Bulk Fertilizer 11-52-0		07N-06063	
	Commercial Value		138.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.26	11
	Available Phosphate, %		51.92	52
	Dry Bulk Fertilizer 46-0-0		07N-06064	
	Total Nitrogen, %		46.55	46
	Liquid Bulk Fertilizer 28-0-0		07N-08285	
	Total Nitrogen, %		28.45	28
Farmers Alliance-Storia Letcher, SD				
	Dry Bulk Fertilizer 46-0-0		07N-08286	
	Total Nitrogen, %		46.60	46
	Dry Bulk Fertilizer 11-52-0		07N-08287	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.01	11
	Available Phosphate, %		52.12	52
	*** Dry Bulk Fertilizer 0-0-60		07N-08288	
	Soluble Potash, %		57.22	60 DEFICIENT
	*** Custom Dry Bulk Fertilizer 36.5-14-0		07N-08289	
	Commercial Value		138.	137.73
	Overall Index Value		100.	100
	Total Nitrogen, %		33.04	36.51 DEFICIENT
	Available Phosphate, %		18.96	14.1
	Liquid Bulk Fertilizer 28-0-0		07N-08290	
	Total Nitrogen, %		28.54	28
	*** Liquid Bulk Fertilizer 10-34-0		07N-08291	
	Commercial Value		96.7	98
	Overall Index Value		98.7	100
	Total Nitrogen, %		10.52	10
	Available Phosphate, %		32.85	34 DEFICIENT
Farmers Coop Elevator New Effington, SD				
	*** Custom Dry Bulk Fertilizer 10-25-28		07N-07042	
	Commercial Value		99.4	108
	Overall Index Value		92.0	100 DEFICIENT
	Total Nitrogen, %		7.57	10 DEFICIENT
	Available Phosphate, %		21.76	25 DEFICIENT
	Soluble Potash, %		28.77	28

Manufacturer Location	Product	Analyte	Found	Claim
Farmers Elevator Coop Rock Valley, IA				
	Liquid Bulk Fertilizer 32-0-0		07N-07777	
	Total Nitrogen, %		32.07	32
	Liquid Bulk Fertilizer 10-34-0		07N-07787	
	Commercial Value		98.4	98
	Overall Index Value		100.	100
	Total Nitrogen, %		10.58	10
	Available Phosphate, %		33.35	34
Farmers Plant Food Corson, SD				
	** Liquid Bulk Fertilizer 28-0-0		07N-07405	
	Total Nitrogen, %		26.83	28 DEFICIENT
Farmers Plant Food Verdi, MN				
	Liquid Bulk Fertilizer 10-34-0		07N-05187	
	Commercial Value		98.4	98
	Overall Index Value		100.	100
	Total Nitrogen, %		10.06	10
	Available Phosphate, %		34.10	34
Farmers Plant Food Inc Garretson, SD				
	Liquid Bulk Fertilizer 10-34-0		07N-02086	
	Commercial Value		99.3	98
	Overall Index Value		101.	100
	Total Nitrogen, %		9.87	10
	Available Phosphate, %		34.86	34
	Dry Bulk Fertilizer 21-0-0-24		07N-05971	
	Total Nitrogen, %		21.36	21
	Sulfur, %		24.29	24
	Liquid Bulk Fertilizer 28-0-0		07N-10222	
	Total Nitrogen, %		27.40	28
	Dry Bulk Fertilizer 46-0-0		07N-12663	
	Total Nitrogen, %		46.55	46
Farmers Plant Food Inc Wolsey, SD				
	Dry Bulk Fertilizer 11-52-0		07N-05184	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.25	11
	Available Phosphate, %		51.99	52
Farmers Union Coop Reliance, SD				
	Dry Bulk Fertilizer 11-52-0		07N-07025	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.02	11
	Available Phosphate, %		52.12	52
	Dry Bulk Fertilizer 46-0-0		07N-07026	
	Total Nitrogen, %		46.65	46

Manufacturer Location	Product	Analyte	Found	Claim	
Farmers Union Oil Co. Bryant, SD					
	Dry Bulk Fertilizer 11-52-0		07N-05417		
		Commercial Value	85.2	137	
		Overall Index Value	100.	100	
		Total Nitrogen, %	11.09	11	
		Available Phosphate, %	51.91	52	
	Dry Bulk Fertilizer 0-0-60		07N-05418		
		Soluble Potash, %	60.65	60	
	Dry Bulk Fertilizer 46-0-0		07N-05419		
		Total Nitrogen, %	46.29	46	
Florence Farmers Elevator Florence, SD					
	*** Custom Dry Bulk Fertilizer 35-18-0		07N-05298		
		Commercial Value	142.	141	
		Overall Index Value	101.	100	
		Total Nitrogen, %	31.57	35	DEFICIENT
		Available Phosphate, %	23.86	18	
Free Flow Fertilizer Maumee, OH					
	Green Thumb Premium Bone Meal 6-12-0		07N-02402		
		Arsenic, ug/g (ppm)	<1.0		
		Cadmium, ug/g (ppm)	<0.5		
		Cobalt, ug/g (ppm)	<0.2		
		Calcium, %	17.94	15	
		Commercial Value	41.2	42	
		Overall Index Value	98.1	100	
		Total Nitrogen, %	6.16	6	
		Available Phosphate, %	11.36	12	
		Lead, ug/g (ppm)	2.0		
		Mercury, ug/g (ppm)	0.009		
		Molybdenum, ug/g (ppm)	<1.0		
		Nickel, ug/g (ppm)	1.2		
		Selenium, ug/g (ppm)	0.202		
		Zinc, ug/g (ppm)	79.8		
Fremar Agronomy Marion, SD					
	Dry Bulk Fertilizer 46-0-0		07N-05294		
		Total Nitrogen, %	46.70	46	
	Dry Bulk Fertilizer 18-46-0		07N-05973		
		Commercial Value	147.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	18.27	18	
		Available Phosphate, %	45.90	46	
Gro Tec Inc Madison, GA					
	*** Rose Food Penngreen 8-12-4		07N-06111		
		Commercial Value	49.9	52	
		Overall Index Value	95.9	100	DEFICIENT
		Total Nitrogen, %	7.75	8	
		Available Phosphate, %	11.10	12	DEFICIENT
		Soluble Potash, %	4.73	4	
Hamlin County Farmers Coop Hayti, SD					
	Dry Bulk Fertilizer 46-0-0		07N-07247		
		Total Nitrogen, %	46.58	46	

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 0-0-60		07N-07248		
		Soluble Potash, %	60.38	60	
	Dry Bulk Fertilizer 11-52-0		07N-07249		
		Commercial Value	137.	137	
		Overall Index Value	100.	100	
		Total Nitrogen, %	11.10	11	
		Available Phosphate, %	52.07	52	
Helena Chemical Co					
Collierville, TN					
	** Promate Turf & Ornamental Fertilizer 16-4-8 Weed &		07N-07243		
		Chlorine, %	6.74	6	
		EXCESSIVE			
		Commercial Value	45.9	64	
		Overall Index Value	83.0	100	DEFICIENT
		Total Nitrogen, %	12.60	16	DEFICIENT
		Available Phosphate, %	3.71	4	
		Soluble Potash, %	8.81	8	
Howard Farmers Coop Assn					
Howard, SD					
	Custom Dry Bulk Fertilizer 39.37-9.84-0		07N-05247		
		Commercial Value	141.	137.79	
		Overall Index Value	103.	100	
		Total Nitrogen, %	40.22	39.37	
		Available Phosphate, %	10.29	9.84	
Howard Johnsons Enterprises Inc					
Milwaukee, WI					
	** All Purpose Lawn & Garden Fertilizer 10-10-10		07N-05963		
		Commercial Value	57.6	60	
		Overall Index Value	95.9	100	DEFICIENT
		Total Nitrogen, %	9.55	10	
		Available Phosphate, %	9.20	10	DEFICIENT
		Soluble Potash, %	10.44	10	
	** Plymouth Garden Turf Food 28-0-4		07N-08205		
		Commercial Value	91.7	88	
		Iron, %	0.75	1	DEFICIENT
		Overall Index Value	104.	100	
		Total Nitrogen, %	29.07	28	
		Soluble Potash, %	4.47	4	
		Sulfur, %	3.28	2.94	
Johnsons Ranchers Supply Inc					
Wall, SD					
	Liquid Bulk Fertilizer 28-0-0		07N-09604		
		Total Nitrogen, %	28.22	28	
JRS Rock Springs					
Rock Springs, WY					
	Dry Bulk Fertilizer 11-52-0		07N-14737		
		Commercial Value	135.	137	
		Overall Index Value	98.9	100	
		Total Nitrogen, %	10.93	11	
		Available Phosphate, %	51.35	52	
Lake Preston Coop					
Lake Preston, SD					
	Liquid Bulk Fertilizer 28-0-0		07N-09091		
		Total Nitrogen, %	28.01	28	

Manufacturer Location	Product	Analyte	Found	Claim
Lebanon Seaboard Corp Lebanon, PA	Preen Garden Weed Preventer Plus Fertilizer 9-17-9		07N-06719	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	9.5	
		Cobalt, ug/g (ppm)	<0.2	
		Chlorine, %	7.34	8
		Commercial Value	74.0	70
		Overall Index Value	106.	100
		Total Nitrogen, %	10.20	9
		Available Phosphate, %	16.89	17
		Soluble Potash, %	9.65	9
		Lead, ug/g (ppm)	<1.0	
		Mercury, ug/g (ppm)	0.009	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	5.1	
		Selenium, ug/g (ppm)	<0.140	
		Zinc, ug/g (ppm)	146.	
Midwest Cooperatives Onida, SD	Dry Bulk Fertilizer 46-0-0		07N-05430	
		Total Nitrogen, %	46.24	46
	Dry Bulk Fertilizer 11-52-0		07N-05431	
		Commercial Value	136.	137
		Overall Index Value	99.3	100
		Total Nitrogen, %	11.11	11
		Available Phosphate, %	51.36	52
	Dry Bulk Fertilizer 46-0-0		07N-15015	
		Total Nitrogen, %	46.64	46
Milorganite Milwaukee, WI	Milorganite Fertilizer 6-2-0		07N-05228	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	2.3	
		Cobalt, ug/g (ppm)	<0.2	
		Calcium, %	2.15	1.2
		Commercial Value	25.4	22
		Iron, %	4.26	4
		Overall Index Value	116.	100
		Total Nitrogen, %	6.30	6
		Available Phosphate, %	3.26	2
		Lead, ug/g (ppm)	43.7	
		Mercury, ug/g (ppm)	0.30	
		Molybdenum, ug/g (ppm)	7.2	
		Nickel, ug/g (ppm)	33.9	
		Selenium, ug/g (ppm)	2.31	
		Zinc, ug/g (ppm)	460.	
Mosaic Crop Nutrition Minneapolis, MN	Dry Bulk Fertilizer 11-52-0		07N-06479	
		Commercial Value	139.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.45	11
		Available Phosphate, %	52.43	52

Manufacturer Location	Product	Analyte	Found	Claim
Mosaic Crop Nutrition, LLC Savage, MN	Dry Bulk Fertilizer 0-0-60		07N-05181	
		Soluble Potash, %	60.61	60
Mosaic Phosphates Co. Riverview, FI	Dry Bulk Fertilizer 18-46-0		07N-08826	
		Arsenic, ug/g (ppm)	5.6	
		Cadmium, ug/g (ppm)	8.2	
		Cobalt, ug/g (ppm)	<0.2	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.65	18
		Available Phosphate, %	46.79	46
		Lead, ug/g (ppm)	2.8	
		Mercury, ug/g (ppm)	0.005	
		Molybdenum, ug/g (ppm)	11.	
		Nickel, ug/g (ppm)	18.4	
		Selenium, ug/g (ppm)	<0.140	
		Zinc, ug/g (ppm)	102.	
Mosaic USA LLC Minneapolis, MN	Dry Bulk Fertilizer 0-0-60		07N-02949	
		Soluble Potash, %	60.59	60
	Dry Bulk Fertilizer 11-52-0		07N-02950	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	10.86	11
		Available Phosphate, %	52.81	52
	Dry Bulk Fertilizer 18-46-0		07N-02951	
		Commercial Value	145.	146
		Overall Index Value	99.6	100
		Total Nitrogen, %	17.59	18
		Available Phosphate, %	46.34	46
	Dry Bulk Fertilizer 21-0-0-24		07N-04526	
		Total Nitrogen, %	20.94	21
		Sulfur, %	23.46	24
	Dry Bulk Fertilizer 0-0-60		07N-04962	
		Soluble Potash, %	59.85	60
	Dry Bulk Fertilizer 11-52-0		07N-04963	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.50	11
		Available Phosphate, %	51.62	52
	Dry Bulk Fertilizer 0-0-60		07N-05177	
	Soluble Potash, %	60.20	60	
Dry Bulk Fertilizer 0-0-60		07N-05378		
	Soluble Potash, %	60.73	60	
Dry Bulk Fertilizer 46-0-0		07N-05423		
	Total Nitrogen, %	46.40	46	

Manufacturer Location	Product	Analyte	Found	Claim
North Central Farmers Elevator Warner, SD				
	** Custom Dry Bulk Fertilizer 25.6-39.2-15.1		07N-04639	
	Commercial Value		123.	170.3
	Overall Index Value		72.7	100 DEFICIENT
	Total Nitrogen, %		23.55	25.6 DEFICIENT
	Available Phosphate, %		19.31	39.2 DEFICIENT
	Soluble Potash, %		12.82	15.1 DEFICIENT
	** Custom Dry Bulk Fertilizer 32.4-19.3-4.4		07N-04640	
	Commercial Value		141.	140.2
	Overall Index Value		100.	100
	Total Nitrogen, %		32.28	32.4
	Available Phosphate, %		13.82	19.3 DEFICIENT
	Soluble Potash, %		9.46	4.4
	** Custom Dry Bulk Fertilizer 32.3-16.9-4.6		07N-04641	
	Commercial Value		140.	135.3
	Overall Index Value		103.	100
	Total Nitrogen, %		36.87	32.3
	Available Phosphate, %		14.26	16.9 DEFICIENT
	Soluble Potash, %		0.32	4.6 DEFICIENT
	Custom Dry Bulk Fertilizer 31.6-13.7-0		07N-04642	
	Commercial Value		141.	122.2
	Overall Index Value		115.	100
	Total Nitrogen, %		37.71	31.6
	Available Phosphate, %		13.79	13.7
Northern Plains Coop Dupree, SD				
	Custom Dry Bulk Fertilizer 35-18-0		07N-14735	
	Commercial Value		138.	141
	Overall Index Value		98.2	100
	Total Nitrogen, %		34.35	35
	Available Phosphate, %		17.70	18
Northern Plains Coop Selby, SD				
	** Dry bulk fertilizer 11-52-0		07N-04504	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		12.73	11
	Available Phosphate, %		50.25	52 DEFICIENT
	Dry Bulk Fertilizer 21-0-0-24		07N-14738	
	Total Nitrogen, %		20.27	21
	Sulfur, %		23.43	24
Nutra-Flo Company Sioux City, IA				
	Liquid Bulk Fertilizer 10-34-0		07N-07810	
	Commercial Value		97.1	98
	Overall Index Value		99.1	100
	Total Nitrogen, %		10.03	10
	Available Phosphate, %		33.52	34
	Liquid Bulk Fertilizer 10-34-0		07N-08307	
	Commercial Value		97.2	98
	Overall Index Value		99.2	100
	Total Nitrogen, %		9.97	10
	Available Phosphate, %		33.63	34
	Liquid Bulk Fertilizer 28-0-0		07N-18002	
	Total Nitrogen, %		28.29	28

Manufacturer Location	Product	Analyte	Found	Claim	
Potash Corp. Rocanville, Saskatchewan,	Dry Bulk Fertilizer 0-0-60	Soluble Potash, %	07N-04525 59.50	60	
Quali Trade Inc. Jordan, MN	Dry Bulk Fertilizer 21-0-0-24	Total Nitrogen, %	07N-08825 21.38	21	
		Sulfur, %	24.54	24	
Revilla Farmers Elevator Revilla, SD	*** Custom Blend Dry Fertilizer 28-18-8		07N-05116		
		Arsenic, ug/g (ppm)	3.7		
		Cadmium, ug/g (ppm)	1.1		
		Cobalt, ug/g (ppm)	0.5		
		Commercial Value	123.	128	
		Overall Index Value	96.0	100	DEFICIENT
		Total Nitrogen, %	25.45	28	DEFICIENT
		Available Phosphate, %	18.83	18	
		Soluble Potash, %	9.95	8	
		Lead, ug/g (ppm)	1.8		
		Mercury, ug/g (ppm)	0.008		
		Molybdenum, ug/g (ppm)	3.2		
		Nickel, ug/g (ppm)	5.5		
		Selenium, ug/g (ppm)	<0.140		
		Zinc, ug/g (ppm)	37.3		
		Dry Bulk Fertilizer 31.7-14.1-6.3	Commercial Value	07N-05961 132.	129.6
			Overall Index Value	102.	100
Total Nitrogen, %	31.08		31.7		
Available Phosphate, %	15.97		14.1		
Soluble Potash, %	7.12		6.3		
Saskferco Belle Plaine, Sask., CN	Dry Bulk Fertilizer 46-0-0	Total Nitrogen, %	07N-02717 46.53	46	
	Dry bulk fertilizer 46-0-0	Total Nitrogen, %	07N-04505 46.67	46	
	Dry Bulk Fertilizer 46-0-0	Total Nitrogen, %	07N-05115 46.59	46	
	Dry Bulk Fertilizer 46-0-0	Total Nitrogen, %	07N-05168 46.71	46	
	Dry Bulk Fertilizer 46-0-0	Total Nitrogen, %	07N-14736 46.66	46	
Dry Bulk Fertilizer 46-0-0	Total Nitrogen, %	07N-15014 46.65	46		
Dry Bulk Fertilizer 46-0-0	Total Nitrogen, %	07N-15016 46.66	46		

Manufacturer Location	Product	Analyte	Found	Claim	
Schultz Company Bridgeton, MO	All Purpose Plant Food 24-8-16		07N-04384		
		Commercial Value	108.	104	
		Overall Index Value	103.	100	
		Total Nitrogen, %	24.33	24	
		Available Phosphate, %	8.79	8	
		Soluble Potash, %	17.03	16	
		African Violet Plus 8-14-9		07N-04509	
		Commercial Value	66.1	61	
		Overall Index Value	108.	100	
		Total Nitrogen, %	8.55	8	
		Available Phosphate, %	15.26	14	
		Soluble Potash, %	9.90	9	
		# Rose Food 19-24-24		07N-14292	
		Arsenic, ug/g (ppm)	1.4		
		Cadmium, ug/g (ppm)	<0.5		
		Cobalt, ug/g (ppm)	1.4		
		Commercial Value	127.	129	
		Overall Index Value	98.7	100	
		Total Nitrogen, %	20.06	19	
		Available Phosphate, %	21.46	24 DEFICIENT	
		Soluble Potash, %	22.85	24	
		Lead, ug/g (ppm)	<1.0		
		Mercury, ug/g (ppm)	0.005		
		Molybdenum, ug/g (ppm)	<1.0		
		Nickel, ug/g (ppm)	0.6		
	Selenium, ug/g (ppm)	<0.140			
	Zinc, ug/g (ppm)	600.			
	Schultz Bloom Plus Plant Food 10-54-10		07N-14330		
	Commercial Value	156.	148		
	Overall Index Value	106.	100		
	Total Nitrogen, %	11.79	10		
	Available Phosphate, %	54.61	54		
	Soluble Potash, %	11.57	10		
Scotts Company Marysville, OH	Scotts Turf Builder Plus Weed Control 28-3-3		07N-05962		
		Commercial Value	95.2	93	
		Overall Index Value	102.	100	
		Total Nitrogen, %	28.63	28	
		Available Phosphate, %	3.10	3	
		Soluble Potash, %	3.13	3	
		Sulfur, %	11.49	10	
		Scotts Turf Builder with Iron 29-2-4		07N-05964	
		Commercial Value	99.4	97	
		Iron, %	2.00	2	
		Overall Index Value	105.	100	
		Total Nitrogen, %	30.16	29	
		Available Phosphate, %	2.37	2	
		Soluble Potash, %	4.17	4	
		Sulfur, %	9.02	8	
		Scotts Lawn Fertilizer 26-0-3		07N-08207	
		Commercial Value	85.5	81	
	Overall Index Value	106.	100		
	Total Nitrogen, %	27.41	26		
	Soluble Potash, %	3.25	3		
	Sulfur, %	15.54	15		

Manufacturer Location	Product	Analyte	Found	Claim
	Miracle-Gro Nursery Select Professional Formula All		07N-14315	
		Commercial Value	125.	120
		Overall Index Value	104.	100
		Total Nitrogen, %	20.38	20
		Available Phosphate, %	21.72	20
		Soluble Potash, %	20.54	20
	Miracle-Gro Nursery Select Miracid Plant Food 30-10-10		07N-14316	
		Commercial Value	131.	120
		Overall Index Value	110.	100
		Total Nitrogen, %	31.42	30
		Available Phosphate, %	12.10	10
		Soluble Potash, %	10.22	10
	Osmocote Smart Release Vegetable & Bedding Plant		07N-14331	
		Commercial Value	84.9	84
		Overall Index Value	101.	100
		Total Nitrogen, %	14.24	14
		Available Phosphate, %	14.22	14
		Soluble Potash, %	13.74	14
Scotts Miracle-Gro Products, Inc.				
Marysville, OH				
	*** Miracle-Gro Liquid All Purpose Plant Food		07N-02082	
		Commercial Value	53.5	52
		Overall Index Value	103.	100
		Total Nitrogen, %	12.30	12
		Available Phosphate, %	4.72	4
		Soluble Potash, %	7.14	8
				DEFICIENT
	Miracle Gro Organic Choice Blood Meal 12-0-0		07N-02401	
		Total Nitrogen, %	14.50	12
	Miracle Gro Shake 'n Feed Continuous Release All		07N-02403	
		Commercial Value	66.4	60
		Overall Index Value	111.	100
		Total Nitrogen, %	11.13	10
		Available Phosphate, %	11.07	10
		Soluble Potash, %	10.85	10
		Sulfur, %	28.02	20
	Miracle Gro Water Soluble All Purpose Plant Food		07N-04327	
		Commercial Value	110.	104
		Overall Index Value	106.	100
		Total Nitrogen, %	25.95	24
		Available Phosphate, %	8.16	8
		Soluble Potash, %	15.83	16
	Miracle Gro Water Soluble Tomato Plant Food 18-18-21		07N-10717	
		Commercial Value	114.	111
		Overall Index Value	103.	100
		Total Nitrogen, %	19.14	18
		Available Phosphate, %	17.63	18
		Soluble Potash, %	21.48	21
	*** Miracle Gro Organic Choice Bone Meal Organic		07N-14311	
		Commercial Value	37.3	36
		Overall Index Value	104.	100
		Total Nitrogen, %	8.82	6
		Available Phosphate, %	6.28	9
				DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim
Scotts Sierra Horticulture Marysville, OH				
	Osmocote Outdoor & Indoor Plant Food		07N-02404	
	Commercial Value		83.8	78
	Overall Index Value		107.	100
	Total Nitrogen, %		19.42	18
	Available Phosphate, %		6.59	6
	Soluble Potash, %		12.38	12
SD Wheat Growers Wolsey, SD				
	Dry Bulk Fertilizer 11-52-0		07N-05123	
	Commercial Value		136.	137
	Overall Index Value		99.4	100
	Total Nitrogen, %		11.07	11
	Available Phosphate, %		51.48	52
	Dry Bulk Fertilizer 46-0-0		07N-05780	
	Total Nitrogen, %		46.26	46
	Dry Bulk Fertilizer 11-52-0		07N-05781	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.10	11
	Available Phosphate, %		52.21	52
	Dry Bulk Fertilizer 21-0-0-24S		07N-05782	
	Total Nitrogen, %		21.10	21
	Sulfur, %		24.76	24
SD Wheatgrowers Assn Aberdeen, SD				
	Dry Bulk Fertilizer 46-0-0		07N-02576	
	Total Nitrogen, %		46.57	46
	Dry Bulk Fertilizer 11-52-0		07N-02577	
	Commercial Value		136.	137
	Overall Index Value		99.4	100
	Total Nitrogen, %		10.75	11
	Available Phosphate, %		51.94	52
	Dry Bulk Fertilizer 18-46-0		07N-02578	
	Commercial Value		146.	146
	Overall Index Value		99.8	100
	Total Nitrogen, %		17.90	18
	Available Phosphate, %		46.04	46
	Dry Bulk Fertilizer 11-52-0		07N-02579	
	Commercial Value		138.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.03	11
	Available Phosphate, %		52.22	52
	Liquid Bulk Fertilizer 10-34-0		07N-05097	
	Commercial Value		99.0	98
	Overall Index Value		101.	100
	Total Nitrogen, %		10.22	10
	Available Phosphate, %		34.02	34

Manufacturer Location	Product	Analyte	Found	Claim
SD Wheatgrowers Assn Bath, SD				
	** Custom Dry Bulk Fertilizer 9-42-12		07N-04755	
	Commercial Value		124.	123
	Overall Index Value		101.	100
	Total Nitrogen, %		10.01	9
	Available Phosphate, %		42.54	42
	Soluble Potash, %		9.20	12 DEFICIENT
	Custom Dry Bulk Fertilizer 36-16-0		07N-04756	
	Commercial Value		144.	140
	Overall Index Value		103.	100
	Total Nitrogen, %		37.43	36
	Available Phosphate, %		16.07	16
	Custom Dry Bulk Fertilizer 36-13-0-1.5Zn		07N-04757	
	Commercial Value		136.	134
	Overall Index Value		102.	100
	Total Nitrogen, %		36.83	36
	Available Phosphate, %		13.23	13
	Zinc, %		1.40	1.5
	** Custom Dry Bulk Fertilizer 36-17-0		07N-04758	
	Commercial Value		143.	142
	Overall Index Value		101.	100
	Total Nitrogen, %		38.03	36
	Available Phosphate, %		14.67	17 DEFICIENT
SD Wheatgrowers Assn Huron, SD				
	Liquid Bulk Fertilizer 10-34-0		07N-05119	
	Commercial Value		99.2	98
	Overall Index Value		101.	100
	Total Nitrogen, %		10.03	10
	Available Phosphate, %		34.56	34
	Liquid Bulk Fertilizer 28-0-0		07N-05120	
	Total Nitrogen, %		28.05	28
	Custom Dry Bulk Fertilizer 32-20-0		07N-05121	
	Commercial Value		142.	136
	Overall Index Value		104.	100
	Total Nitrogen, %		33.84	32
	Available Phosphate, %		19.94	20
	Custom Dry Bulk Fertilizer 32-20-0		07N-05122	
	Commercial Value		139.	136
	Overall Index Value		102.	100
	Total Nitrogen, %		33.31	32
	Available Phosphate, %		19.37	20
	Custom Dry Bulk Fertilizer 38-12-0		07N-05125	
	Commercial Value		143.	138
	Overall Index Value		104.	100
	Total Nitrogen, %		39.41	38
	Available Phosphate, %		12.00	12
	Custom Dry Bulk Fertilizer 38-12-0		07N-05126	
	Commercial Value		144.	138
	Overall Index Value		104.	100
	Total Nitrogen, %		39.58	38
	Available Phosphate, %		12.24	12

Manufacturer Location	Product	Analyte	Found	Claim
	Custom Dry Bulk Fertilizer 39-10-0		07N-05127	
		Commercial Value	142.	137
		Overall Index Value	104.	100
		Total Nitrogen, %	40.85	39
		Available Phosphate, %	9.81	10
	Custom Dry Bulk Fertilizer 38-12-0		07N-05128	
		Commercial Value	144.	138
		Overall Index Value	104.	100
		Total Nitrogen, %	39.81	38
		Available Phosphate, %	12.30	12
	Custom Dry Bulk Fertilizer 34-18-0		07N-05129	
		Commercial Value	141.	138
		Overall Index Value	102.	100
		Total Nitrogen, %	34.95	34
		Available Phosphate, %	18.21	18
	Custom Dry Bulk Fertilizer 23-34-0		07N-05130	
		Commercial Value	140.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	24.15	23
		Available Phosphate, %	33.90	34
SD Wheatgrowers Assn Mellette, SD				
	Custom Dry Bulk Fertilizer 31-16-4-S1.7		07N-04522	
		Commercial Value	128.	129
		Overall Index Value	99.6	100
		Total Nitrogen, %	30.49	31
		Available Phosphate, %	16.55	16
		Soluble Potash, %	3.87	4
		Sulfur, %	3.20	1.7
	Custom Dry Bulk Fertilizer 27-25-3		07N-05025	
		Commercial Value	134.	134
		Overall Index Value	100.	100
		Total Nitrogen, %	27.18	27
		Available Phosphate, %	24.74	25
		Soluble Potash, %	3.40	3
	Custom Dry Bulk Fertilizer 9-42-12		07N-05026	
		Commercial Value	124.	123
		Overall Index Value	100.	100
		Total Nitrogen, %	9.45	9
		Available Phosphate, %	41.77	42
		Soluble Potash, %	11.64	12
	Custom Dry Bulk Fertilizer 30-24-0		07N-05027	
		Commercial Value	136.	138
		Overall Index Value	98.8	100
		Total Nitrogen, %	29.56	30
		Available Phosphate, %	23.86	24
SE Farmers Elevator Elk Point, SD				
	Dry Bulk Fertilizer 46-0-0		07N-08756	
		Total Nitrogen, %	46.52	46
	Dry Bulk Fertilizer 11-52-0		07N-08757	
		Commercial Value	138.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.20	11
		Available Phosphate, %	52.00	52
	Dry Bulk Fertilizer 0-0-60		07N-08758	
		Soluble Potash, %	59.48	60

Manufacturer Location	Product	Analyte	Found	Claim	
	Liquid Bulk Fertilizer 28-0-0		07N-08822		
		Total Nitrogen, %	27.48	28	
	*** Liquid Bulk Fertilizer 32-0-0		07N-08823		
		Total Nitrogen, %	28.79	32	DEFICIENT
	*** Liquid Bulk Fertilizer 10-34-0		07N-08824		
		Commercial Value	92.7	98	
		Overall Index Value	94.6	100	DEFICIENT
		Total Nitrogen, %	9.72	10	
		Available Phosphate, %	31.86	34	DEFICIENT
Simplot Winner, SD					
	Dry Bulk Fertilizer 46-0-0		07N-07144		
		Total Nitrogen, %	46.62	46	
	*** Dry Bulk Fertilizer 11-52-0		07N-07145		
		Commercial Value	134.	137	
		Overall Index Value	97.8	100	DEFICIENT
		Total Nitrogen, %	10.96	11	
		Available Phosphate, %	50.67	52	DEFICIENT
	Dry Bulk Fertilizer 21-0-0-24		07N-07146		
		Total Nitrogen, %	21.19	21	
		Sulfur, %	24.43	24	
Sinai Coop Elevator Sinai, SD					
	Dry Bulk Fertilizer 46-0-0		07N-07253		
		Total Nitrogen, %	46.53	46	
	Dry Bulk Fertilizer 11-52-0		07N-07254		
		Commercial Value	136.	137	
		Overall Index Value	99.5	100	
		Total Nitrogen, %	11.26	11	
		Available Phosphate, %	51.24	52	
	Dry Bulk Fertilizer 0-0-60		07N-07255		
		Soluble Potash, %	60.74	60	
South Dakota Wheatgrowers Redfield, SD					
	*** Custom Dry Bulk Fertilizer 34-17-0		07N-05023		
		Commercial Value	140.	136	
		Overall Index Value	103.	100	
		Total Nitrogen, %	37.42	34	
		Available Phosphate, %	13.14	17	DEFICIENT
	*** Custom Dry Bulk Fertilizer 34-13-0-S3		07N-05024		
		Commercial Value	131.	128	
		Overall Index Value	102.	100	
		Total Nitrogen, %	36.48	34	
		Available Phosphate, %	10.46	13	DEFICIENT
		Sulfur, %	3.12	3	
Southwest Grain Lemmon, SD					
	Dry Bulk Fertilizer 46-0-0		07N-01413		
		Total Nitrogen, %	46.55	46	
	Dry bulk fertilizer 46-0-0		07N-04512		
		Total Nitrogen, %	46.49	46	