

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

JANUARY 2004

TO

DECEMBER 2004

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2004 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.

SECTION A : SAMPLE COUNT REPORT

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SECTION A:

SAMPLE

COUNT

REPORT

Sample Count Report

Fertilizers Sampled From 1/1/2004 To 12/31/2004

Manufacturer and Location			Sample Count	Passed	Not Passed
2002 Schultz Co.	Bridgeton	MO	3	2	1
Ag First Farmers Coop	Brookings	SD	4	2	2
Agland Coop-Ethan	Parkston	SD	1	1	0
Agriliance	Wolsey	SD	1	1	0
Agriliance Agronomy	Bismarck	ND	1	1	0
Agriliance LLC	Bismarck	ND	2	2	0
Agriliance LLC	Minneapolis	MN	3	3	0
Agriliance LLC	Watertown	SD	2	2	0
Agriliance, LLC	St. Paul	MN	54	53	1
Agrium Conda Phosphate	Soda Springs	ID	3	3	0
Agrium U.S. Inc.	Calgary Alberta	CN	7	7	0
Agrium U.S., Inc	Denver	CO	10	10	0
Alljack	St. Louis	MO	2	2	0
Aurora Coop Oil Company	Stickney	SD	4	3	1
BCA Products	Sleepy Eye	MN	2	1	1
Ben-Trei Fertilizer LLC	Tulsa	OK	1	1	0
Big Soo	Sioux City	IA	1	1	0
Black Leaf Products	Buckner	KY	1	1	0
Bonide Products Inc	Yorkville	NY	1	1	0
Bonide Products, Inc.	Oriskany	NY	1	1	0
Calcium Products Inc.	Gilmore City	IA	3	1	2
Cargill	Minneapolis	Mn	1	1	0
Cargill Crop Nutrition	Minneapolis	MN	3	3	0
Cargill Fertilizer Inc	Riverview	FL	1	1	0
Cargill Inc.	Parker	SD	1	1	0
Cargill Inc.	Pipestone	MN	5	5	0
Cargill Inc.	Savage	MN	2	2	0
Cargill, Incorp.	Minneapolis	MN	1	1	0
Catoosa Fertilizer Company	Catoosa	OK	1	1	0
Cenex	Flandreau	SD	1	0	1
Centennial Ag Supply Company	Kersey	CO	1	1	0
Central Farmers Coop	Salem	SD	1	0	1
CF Industries Inc	Long Grove	IL	11	11	0
Chemsico	St. Louis	MO	4	4	0
CHS Cooperatives	Minneapolis	MN	1	0	1
CHS Inc.	Claire City	SD	1	0	1
Clark County Farmers Elevator	Clark	SD	1	0	1
Colton Farmers Elevator	Colton	SD	1	0	1
Con Agra Int'l Fertilizer	Savannah	GA	2	1	1

Manufacturer and Location			Sample Count	Passed	Not Passed
Con-Agra International	Shakopee	MN	2	2	0
Cone Ag Service	Pierre	SD	3	2	1
Coop Inc	Tyndall	SD	1	0	1
Country Pride Coop	Burke	SD	1	1	0
Country Pride Cooperative	Freeman	SD	2	1	1
Dakota Gasification Company	Beulah	ND	7	7	0
Dakota Mill and Grain	Midland	SD	2	2	0
Dakota Plains (Cargill)	Tripp		2	2	0
Dakota Plains Ag Center LLC	Parkston	SD	1	1	0
Dakota Plains Ag Ctr	Parkston	SD	12	12	0
DeBoer Ag Service	Oral	SD	1	1	0
DeBruce Fertilizer, Inc.	Kansas City	MO	6	6	0
Deuel County Farmers Union	Toronto	SD	4	1	3
Dimock Farmers Elevator	Dimock	SD	1	1	0
Domestic Fertilizer Inc	Paris	KY	1	1	0
Domestic Seed & Supply Inc	Madison	SD	2	0	2
Dyno Nobel Inc.	Cheyenne	WY	1	1	0
Eastern Farmers Coop	Canton	SD	6	3	3
Eastern Farmers Coop	Crooks	SD	1	0	1
Eastern Farmers Coop	Garretson	SD	1	1	0
Eastern Farmers Coop Baltic	Baltic	SD	3	3	0
Eastern Farmers Coop-Worthing Ag	Worthing	SD	3	3	0
Easy Gardener	Waco	TX	7	6	1
Eau Claire Coop Oil Company	Eau Claire	WI	2	1	1
F & M Coop	Madison	SD	2	2	0
Farmers and Merchants Coop Oil Co.	Madison	SD	1	1	0
Farmers Plant Food Inc	Garretson	SD	7	6	1
Farmers Plant Food Inc	Wolsey	SD	5	4	1
Farmers Union Oil Company	Pierpont	SD	1	0	1
Florence Farmers Elevator	Florence	SD	1	1	0
Free Flow Fertilizer	Maumee	OH	1	1	0
Fremar Farmers Coop Inc	Marion	SD	2	2	0
Gettysburg Feed & Grain	Gettysburg	SD	1	1	0
Great Salt Lake Minerals Corp.	Ogden	UT	1	1	0
Harvey Products, Inc.	Blue Mounds	WI	1	1	0
Hazel Farmers Elevator	Hazel	SD	1	1	0
Helana Chemical Co.	Bassett	NE	1	0	1
Helena Chemical Co.	Bassett	NE	1	0	1
Hi Plains Agronomy	Harrold	SD	2	2	0
Howard Farmers Coop Assn	Howard	SD	3	0	3
Howard Johnsons Enterprises Inc	Milwaukee	WI	6	4	2
IMC Phosphates Co.	Lake Forest	IL	1	1	0
IMC USA Inc.	Lake Forest	IL	2	2	0
J.R. Peters Inc.	Allentown	PA	1	1	0

Manufacturer and Location			Sample Count	Passed	Not Passed
Jirdon Agri Chemicals Inc	Morrill	NE	1	1	0
Johnsons Ranchers Supply Inc	Wall	SD	1	1	0
JR Simplot	Rock Springs	WY	1	1	0
K-Mart Corporation	Troy	MI	1	1	0
Kingsburg Grain & Feed	Springfield	SD	1	1	0
Koch Nitrogen Co	Wichita	KS	3	3	0
Koch Nitrogen Company	Sgt. Bluff	IA	1	1	0
Lebanon Seaboard Corp	Lebanon	PA	5	5	0
Lesco, Inc.	Strongsville	OH	1	1	0
Lilly Miller Brands F1475	Clackamas	OR	2	2	0
Mettler Fertilizer of Freeman	Freeman	SD	1	1	0
Midwest Bio Ag	Blue Mounds	WI	1	0	1
Midwest Cooperatives	Onida	SD	6	4	2
Midwest Cooperatives	Pierre	SD	3	2	1
Milwaukee Met Sewerage Dist.	Milwaukee	WI	2	2	0
Miracle Gro Lawn Products	Marysville	OH	1	1	0
Mosaic Phosphates Co.	Lake Forest	IL	1	0	1
Northern Plains Coop	Selby	SD	5	5	0
Nulex Inc	Sioux City	IA	2	2	0
Nutra-Flo Company	Sioux City	IA	2	2	0
Optiflora	Nashville	TN	1	1	0
Orchard Fertilizer Service Inc.	Orchard	NE	1	0	1
PCS Sales, Inc.	Saskatoon,	CN	6	5	1
Pine Bend Whse	Rosemount	MN	1	1	0
Potash Corp. of Saskatchewan	Saskatoon SAS		4	4	0
Pro Ag Supply	Aberdeen	SD	1	1	0
Ramsdell F & M Ltd	Flandreau	SD	5	3	2
Revilla Farmers Elevator	Revilla	SD	1	1	0
Sanborn County Farmers Union Oil	Woonsocket	SD	1	1	0
Saskferco	Belle Plaine, Sask.	CN	9	9	0
Schultz Company	Bridgeton	MO	3	3	0
Scotts Company	Marysville	OH	12	12	0
Scotts Miracle Gro	Marysville	OH	13	13	0
Scotts Sierra Horticulture	Marysville	OH	5	5	0
Scotts The Lawn People	Marysville	OH	1	1	0
SD Wheat Growers	Wolsey	SD	8	8	0
SD Wheatgrowers Assn	Aberdeen	SD	8	6	2
SD Wheatgrowers Assn	Bristol	SD	1	1	0
SD Wheatgrowers Assn	Huron	SD	9	3	6
Simplot (JR) Company	Boise	ID	1	1	0
Southwest Grain	Lemmon	SD	1	1	0
Spectrum Group-Div of United	St. Louis	MO	1	1	0
Swiss Farm Products, Inc.	Las Vegas	NV	1	1	0
Tabor Lumber Coop Lesterville	Lesterville	SD	1	1	0

Manufacturer and Location			Sample Count	Passed	Not Passed
Terra Nitrogen Corp	Sioux City	IA	8	8	0
Tessengerlo Kerley Inc	Phoenix	AZ	1	1	0
Tessengerlo Kerley, Inc.	Billings	MT	1	1	0
The Espoma Co.	Millville	NJ	2	1	1
The Ortho Group	Marysville	OH	1	0	1
The Scotts Company	Marysville	OH	3	3	0
Tiger Int.	Calgary, Alberta	CN	1	1	0
United Horticultural Supply	Fremont	NE	4	3	1
United Suppliers	Marion	SD	1	1	0
United Suppliers Inc.	Eldora	IA	1	1	0
Valley Ag Supply	Gayville	SD	1	1	0
Valley Springs Farmers Coop	Valley Springs	SD	5	4	1
Volga Ag Center	Bruce	SD	1	0	1
Volga Ag Service	Volga	SD	1	0	1
Voluntary Purchasing Group	Bonham	TX	1	1	0
Voluntary Purchasing Groups	Bonham	TX	2	1	1
Voluntary Purchasing Groups, Inc.	Bonham	TX	1	1	0
Watertown Coop Elevator	Webster	SD	1	1	0
West Central Inc.	Brooten	MN	1	1	0
West Central Inc.	St. Paul	MN	3	3	0
West Central Inc.	Willmar	MN	4	4	0
Western Consolidated Coop	Holloway	MN	4	4	0
Western Consolidated Coop	Milbank	SD	1	1	0
Winona River & Rail	Winona	MN	1	1	0
Totals:			456	393	63

Percent Passed: 86.2%

Percent Not Passed: 13.8%

SECTION B:

SAMPLE

REPORT

SUMMARY

Manufacturer Product	Analyte	Found	Claim
2002 Schultz Co. Bridgeton, MO			
	Schultz Multi Cote 18-6-12		04N-04063
	Commercial Value	81.6	78
	Overall Index Value	105.	100
	Magnesium, %	3.17	1
	Total Nitrogen, %	18.27	18
	Available Phosphate, %	7.75	6
	Soluble Potash, %	11.33	12
	Schultz African Violet 8-14-4		04N-04064
	Commercial Value	61.4	61
	Overall Index Value	101.	100
	Total Nitrogen, %	7.87	8
	Available Phosphate, %	14.23	14
	Soluble Potash, %	9.29	9
	** Schultz Plant Food 10-15-10		04N-04065
	Commercial Value	75.6	70
	Overall Index Value	108.	100
	Total Nitrogen, %	11.31	10
	Available Phosphate, %	16.32	15
	Soluble Potash, %	8.94	10
	DEFICIENT		
Ag First Farmers Coop Brookings, SD			
	Dry Bulk Fertilizer 46-0-0		04N-06143
	Total Nitrogen, %	46.72	46
	Dry Bulk Fertilizer 18-46-0		04N-06144
	Commercial Value	146.	146
	Overall Index Value	100.	100
	Total Nitrogen, %	17.99	18
	Available Phosphate, %	46.03	46
	** Custom Dry Bulk Fertilizer 19.09-5.72-30.55		04N-06145
	Commercial Value	99.4	99.26
	Overall Index Value	100.	100
	Total Nitrogen, %	16.83	19.09
	DEFICIENT		
	Available Phosphate, %	8.23	5.72
	Soluble Potash, %	31.25	30.55
	** Custom Dry Bulk Fertilizer 30.39-15.19-8.28		04N-06147
	Commercial Value	142.	129.83
	Overall Index Value	109.	100
	Total Nitrogen, %	34.22	30.39
	Available Phosphate, %	16.00	15.19
	Soluble Potash, %	7.01	8.28
	DEFICIENT		
Agland Coop-Ethan Parkston, SD			
	Dry Bulk Fertilizer 18-46-0		04N-04324
	Commercial Value	148.	146
	Overall Index Value	101.	100
	Total Nitrogen, %	18.00	18
	Available Phosphate, %	46.82	46
Agriliance Wolsey, SD			
	Dry Bulk Fertilizer 46-0-0		04N-04143
	Total Nitrogen, %	46.31	46

Manufacturer Product	Analyte	Found	Claim	
Agrilience Agronomy Bismarck, ND				
	Crop Nutrients 46-0-0		04N-05527	
	Total Nitrogen, %		46.55	46
Agrilience LLC Bismarck, ND				
	Cenex Plant Food 20-20-10		04N-05525	
	Commercial Value		122.	110
	Overall Index Value		111.	100
	Total Nitrogen, %		22.08	20
	Available Phosphate, %		22.52	20
	Soluble Potash, %		10.47	10
	Cenex Plant Food 18-46-0		04N-05526	
	Commercial Value		144.	146
	Overall Index Value		98.8	100
	Total Nitrogen, %		17.48	18
	Available Phosphate, %		45.94	46
Agrilience LLC Minneapolis, MN				
	Dry Bulk Fertilizer 46-0-0		04N-05913	
	Total Nitrogen, %		46.67	46
	Dry Bulk Fertilizer 46-0-0		04N-09126	
	Total Nitrogen, %		46.67	46
	Liquid Bulk Fertilizer 10-34-0		04N-15156	
	Commercial Value		97.0	98
	Overall Index Value		99.0	100
	Total Nitrogen, %		10.05	10
	Available Phosphate, %		33.43	34
Agrilience LLC Watertown, SD				
	Custom Blend Dry Bulk Fertilizer 31.51-0-18.9		04N-04137	
	Commercial Value		113.	113.43
	Overall Index Value		100.	100
	Total Nitrogen, %		31.16	31.51
	Soluble Potash, %		19.93	18.9
	Dry Bulk Fertilizer		04N-06501	
	Total Nitrogen, %		46.80	46
Agrilience, LLC St. Paul, MN				
	Dry Bulk Fertilizer 18-46-0		04N-02637	
	Commercial Value		146.	146
	Overall Index Value		99.8	100
	Total Nitrogen, %		17.86	18
	Available Phosphate, %		46.05	46
	Dry Bulk Fertilizer 46-0-0		04N-04136	
	Total Nitrogen, %		45.89	46
	Dry Bulk Fertilizer 11-52-0		04N-04213	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		10.99	11
	Available Phosphate, %		52.09	52

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 11-52-0		04N-04223	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		10.95	11
	Available Phosphate, %		52.48	52
	Liquid Bulk Fertilizer 28-0-0		04N-04225	
	Total Nitrogen, %		27.97	28
	Dry Bulk Fertilizer 46-0-0		04N-04312	
	Total Nitrogen, %		46.68	46
	Liquid Bulk Fertilizer 10-34-0		04N-04316	
	Commercial Value		97.8	98
	Overall Index Value		99.8	100
	Total Nitrogen, %		10.17	10
	Available Phosphate, %		33.66	34
	Dry Bulk Fertilizer zinc sulfate		04N-04320	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		1.9	
	Cobalt, ug/g (ppm)		0.8	
	Sulfur, %		17.74	17.5
	Zinc, %		35.30	35.5
	Lead, ug/g (ppm)		2.0	
	Mercury, ug/g (ppm)		2.9	
	Molybdenum, ug/g (ppm)		1.1	
	Nickel, ug/g (ppm)		1.0	
	Selenium, ug/g (ppm)		<0.070	
	Zinc, ug/g (ppm)		353000.	
	Liquid Bulk Fertilizer 28-0-0		04N-04435	
	Total Nitrogen, %		28.28	28
	Liquid Bulk Fertilizer 28-0-0		04N-04454	
	Total Nitrogen, %		29.14	28
	Dry Bulk Fertilizer 18-46-0		04N-04529	
	Commercial Value		145.	146
	Overall Index Value		99.5	100
	Total Nitrogen, %		18.02	18
	Available Phosphate, %		45.62	46
	Dry Bulk Fertilizer 46-0-0		04N-04530	
	Total Nitrogen, %		46.56	46
	Dry Bulk Fertilizer 46-0-0		04N-04576	
	Total Nitrogen, %		46.59	46
	Dry Bulk Fertilizer 18-46-0		04N-04577	
	Commercial Value		145.	146
	Overall Index Value		99.5	100
	Total Nitrogen, %		18.02	18
	Available Phosphate, %		45.60	46
	Dry Bulk Fertilizer 46-0-0		04N-04809	
	Total Nitrogen, %		46.70	46
	Dry Bulk Fertilizer 18-46-0		04N-04810	
	Commercial Value		145.	146
	Overall Index Value		99.5	100
	Total Nitrogen, %		17.96	18
	Available Phosphate, %		45.68	46
	Dry Bulk Fertilizer 46-0-0		04N-04812	
	Total Nitrogen, %		46.75	46

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 11-52-0		04N-04813	
	Commercial Value		139.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.28	11
	Available Phosphate, %		52.35	52
	Dry Bulk Fertilizer 90% Sulfur		04N-04833	
	Sulfur, %		89.36	90
	Dry Bulk Fertilizer Zinc Sulfate		04N-04834	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		1.9	
	Cobalt, ug/g (ppm)		0.7	
	Sulfur, %		18.43	17.5
	Zinc, %		34.90	35.5
	Lead, ug/g (ppm)		1.5	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		0.6	
	Selenium, ug/g (ppm)		0.082	
	Zinc, ug/g (ppm)		349000.	
	Dry Bulk Fertilizer 46-0-0		04N-04911	
	Total Nitrogen, %		46.73	46
	Dry Bulk Fertilizer 18-46-0		04N-05011	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.94	18
	Available Phosphate, %		46.07	46
	Dry Bulk Fertilizer 46-0-0		04N-05012	
	Total Nitrogen, %		47.56	46
	Dry Bulk Fertilizer 46-0-0		04N-05015	
	Total Nitrogen, %		47.39	46
	Dry Bulk Fertilizer zinc sulfate		04N-05142	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		1.4	
	Cobalt, ug/g (ppm)		0.6	
	Sulfur, %		18.33	17.5
	Zinc, %		34.50	35.5
	Lead, ug/g (ppm)		1.1	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		0.9	
	Selenium, ug/g (ppm)		<0.070	
	Zinc, ug/g (ppm)		345000.	
	Dry Bulk Fertilizer 46-0-0		04N-05209	
	Total Nitrogen, %		46.50	46
	Dry Bulk Fertilizer 18-46-0		04N-05210	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.87	18
	Available Phosphate, %		46.34	46
	Dry Bulk Fertilizer 11-52-0		04N-05235	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.37	11
	Available Phosphate, %		51.62	52

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 18-46-0		04N-05236	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.85	18
	Available Phosphate, %		46.27	46
	** Liquid Bulk Fertilizer 10-34-0		04N-05239	
	Commercial Value		96.3	98
	Overall Index Value		98.3	100
	Total Nitrogen, %		9.97	10
	Available Phosphate, %		33.16	34
	DEFICIENT			
	Dry Bulk Fertilizer 46-0-0		04N-05296	
	Total Nitrogen, %		46.54	46
	Dry Bulk Fertilizer 18-46-0		04N-05297	
	Commercial Value		146.	146
	Overall Index Value		99.9	100
	Total Nitrogen, %		17.61	18
	Available Phosphate, %		46.51	46
	Dry Bulk Fertilizer 11-52-0		04N-05310	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.30	11
	Available Phosphate, %		51.72	52
	Dry Bulk Fertilizer Sulfur 90%		04N-05410	
	Sulfur, %		91.70	90
	Dry Bulk Fertilizer 46-0-0		04N-05591	
	Total Nitrogen, %		46.48	46
	Dry Bulk Fertilizer 18-46-0		04N-05912	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.98	18
	Available Phosphate, %		46.08	46
	Dry Bulk Fertilizer 46-0-0		04N-06227	
	Total Nitrogen, %		46.69	46
	Dry Bulk Fertilizer 18-46-0		04N-06228	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.90	18
	Available Phosphate, %		45.85	46
	Dry Bulk Fertilizer 11-52-0		04N-06229	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.19	11
	Available Phosphate, %		52.36	52
	Liquid Bulk Fertilizer 10-34-0		04N-06466	
	Commercial Value		98.0	98
	Overall Index Value		100.	100
	Total Nitrogen, %		10.00	10
	Available Phosphate, %		33.99	34
	Liquid Bulk Fertilizer 10-34-0		04N-06482	
	Commercial Value		97.8	98
	Overall Index Value		99.8	100
	Total Nitrogen, %		9.94	10
	Available Phosphate, %		34.01	34
	Dry Bulk Fertilizer 46-0-0		04N-07463	
	Total Nitrogen, %		46.80	46
	Dry Bulk Fertilizer 46-0-0		04N-07465	
	Total Nitrogen, %		46.88	46

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 11-52-0		04N-09124	
	Commercial Value		137.	137
	Overall Index Value		99.8	100
	Total Nitrogen, %		11.22	11
	Available Phosphate, %		51.53	52
	Dry Bulk Fertilizer 18-46-0		04N-09127	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.97	18
	Available Phosphate, %		46.16	46
	Liquid Bulk Fertilizer 28-0-0		04N-09134	
	Total Nitrogen, %		27.95	28
	Dry Bulk Fertilizer 46-0-0		04N-09135	
	Total Nitrogen, %		46.51	46
	Dry Bulk Fertilizer 11-52-0		04N-09136	
	Commercial Value		136.	137
	Overall Index Value		99.4	100
	Total Nitrogen, %		10.95	11
	Available Phosphate, %		51.64	52
	Liquid Bulk Fertilizer 28-0-0		04N-09141	
	Total Nitrogen, %		28.15	28
	Liquid Bulk Fertilizer 28-0-0		04N-10348	
	Total Nitrogen, %		28.31	28
	Liquid Bulk Fertilizer 28-0-0		04N-11467	
	Total Nitrogen, %		28.02	28
	Dry Bulk Fertilizer 18-46-0		04N-17366	
	Commercial Value		144.	146
	Overall Index Value		98.7	100
	Total Nitrogen, %		17.62	18
	Available Phosphate, %		45.63	46
	Dry Bulk Fertilizer 18-46-0		04N-18132	
	Commercial Value		146.	146
	Overall Index Value		99.9	100
	Total Nitrogen, %		17.82	18
	Available Phosphate, %		46.18	46
	Dry Bulk Fertilizer 46-0-0		04N-18133	
	Total Nitrogen, %		46.57	46
Agrium Conda Phosphate Operations				
Soda Springs, ID				
	Dry Bulk Fertilizer 11-52-0		04N-04214	
	Commercial Value		139.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.12	11
	Available Phosphate, %		52.97	52

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 11-52-0		04N-05933	
	Arsenic, ug/g (ppm)		10.7	
	Cadmium, ug/g (ppm)		153.	
	Cobalt, ug/g (ppm)		3.9	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.07	11
	Available Phosphate, %		52.30	52
	Lead, ug/g (ppm)		2.9	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		25.	
	Nickel, ug/g (ppm)		141.	
	Selenium, ug/g (ppm)		3.20	
	Zinc, ug/g (ppm)		2470.	
	Dry Bulk Fertilizer 11-52-0		04N-06244	
	Arsenic, ug/g (ppm)		14.1	
	Cadmium, ug/g (ppm)		147.	
	Cobalt, ug/g (ppm)		4.9	
	Commercial Value		139.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.02	11
	Available Phosphate, %		52.83	52
	Lead, ug/g (ppm)		3.1	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		22.	
	Nickel, ug/g (ppm)		184.	
	Selenium, ug/g (ppm)		3.10	
	Zinc, ug/g (ppm)		2580.	
Agrium U.S. Inc.				
Calgary Alberta, CN				
	Dry Bulk Fertilizer Potash 0-0-60		04N-02636	
	Soluble Potash, %		58.95	60
	Dry Bulk Fertilizer 46-0-0		04N-04218	
	Total Nitrogen, %		46.68	46
	Dry Bulk Fertilizer 20-0-0-24		04N-04220	
	Total Nitrogen, %		20.56	20
	Sulfur, %		23.31	24
	Dry Bulk Fertilizer 11-52-0		04N-04452	
	Commercial Value		137.	137
	Overall Index Value		99.7	100
	Total Nitrogen, %		10.97	11
	Available Phosphate, %		51.86	52
	Dry Bulk Fertilizer 0-0-60		04N-04528	
	Soluble Potash, %		60.00	60
	Dry Bulk Fertilizer 0-0-60		04N-05211	
	Soluble Potash, %		59.42	60

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 11-52-0		04N-05940	
	Arsenic, ug/g (ppm)		4.9	
	Cadmium, ug/g (ppm)		24.9	
	Cobalt, ug/g (ppm)		3.4	
	Commercial Value		137.	137
	Overall Index Value		99.8	100
	Total Nitrogen, %		11.29	11
	Available Phosphate, %		51.44	52
	Lead, ug/g (ppm)		2.1	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		13.	
	Nickel, ug/g (ppm)		29.3	
	Selenium, ug/g (ppm)		0.514	
	Zinc, ug/g (ppm)		398.	
Agrium U.S., Inc Denver, CO				
	Dry Bulk Fertilizer 0-0-60		04N-04313	
	Soluble Potash, %		60.06	60
	Dry Bulk Fertilizer 0-0-60		04N-04431	
	Soluble Potash, %		59.66	60
	Dry Bulk Fertilizer 0-0-60		04N-05249	
	Soluble Potash, %		59.54	60
	Dry Bulk Fertilizer 11-52-0 Bin 2		04N-05535	
	Commercial Value		139.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.16	11
	Available Phosphate, %		52.73	52
	Dry Bulk Fertilizer 11-52-0		04N-05550	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.28	11
	Available Phosphate, %		52.01	52
	Dry Bulk Fertilizer 11-52-0		04N-06010	
	Arsenic, ug/g (ppm)		13.6	
	Cadmium, ug/g (ppm)		150.	
	Cobalt, ug/g (ppm)		4.9	
	Commercial Value		139.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.11	11
	Available Phosphate, %		52.63	52
	Lead, ug/g (ppm)		3.6	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		21.	
	Nickel, ug/g (ppm)		177.	
	Selenium, ug/g (ppm)		2.80	
	Zinc, ug/g (ppm)		2500.	
	Dry Bulk Fertilizer 11-52-0		04N-07395	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.08	11
	Available Phosphate, %		52.28	52
	Dry bulk Fertilizer 11-52-0		04N-07445	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.02	11
	Available Phosphate, %		52.34	52

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 11-52-0 (bin bldg)		04N-09005	
	Commercial Value		137.	137
	Overall Index Value		99.6	100
	Total Nitrogen, %		10.85	11
	Available Phosphate, %		51.98	52
	Dry Bulk Fertilizer 16-20-0-13(S) Bin 4		04N-09006	
	Commercial Value		90.3	88
	Overall Index Value		103.	100
	Total Nitrogen, %		16.30	16
	Available Phosphate, %		20.68	20
	Sulfur, %		14.20	13
Alljack St. Louis, MO				
	ACE All Purpose Plant Food 15-30-15		04N-04933	
	Commercial Value		132.	120
	Overall Index Value		110.	100
	Total Nitrogen, %		17.20	15
	Available Phosphate, %		32.24	30
	Soluble Potash, %		15.10	15
	GroBest Acid Plant Food		04N-17577	
	Commercial Value		120.	120
	Overall Index Value		100.	100
	Total Nitrogen, %		29.28	30
	Available Phosphate, %		10.76	10
	Soluble Potash, %		10.66	10
Aurora Coop Oil Company Stickney, SD				
	Dry Bulk Fertilizer 18-46-0		04N-05309	
	Commercial Value		145.	146
	Overall Index Value		99.3	100
	Total Nitrogen, %		17.83	18
	Available Phosphate, %		45.77	46
	Dry Bulk Fertilizer 46-0-0		04N-05311	
	Total Nitrogen, %		46.61	46
	Dry Bulk Fertilizer 0-0-60		04N-05312	
	Soluble Potash, %		60.71	60
	** Custom Dry Bulk Fertilizer 35.27-17.63-0		04N-05313	
	Commercial Value		142.	141.07
	Overall Index Value		100.	100
	Total Nitrogen, %		39.51	35.27
	Available Phosphate, %		11.77	17.63
	DEFICIENT			
BCA Products Sleepy Eye, MN				
	** Super Lawn Fertilizer 27-3-3		04N-06479	
	Commercial Value		90.8	90
	Iron, %		0.11	1
	DEFICIENT			
	Overall Index Value		101.	100
	Total Nitrogen, %		26.79	27
	Available Phosphate, %		3.56	3
	Soluble Potash, %		3.36	3
	Sulfur, %		0.98	2
	DEFICIENT			

Manufacturer Product	Analyte	Found	Claim	
	Weed and Feed Fertilizer Plus 24D and MCPP		04N-06480	
	Commercial Value		87.9	84
	Overall Index Value		105.	100
	Total Nitrogen, %		25.73	25
	Available Phosphate, %		3.51	3
	Soluble Potash, %		3.69	3
	Sulfur, %		4.11	2
Ben-Trei Fertilizer LLC Tulsa, OK				
	Dry Bulk Fertilizer 46-0-0		04N-05547	
	Total Nitrogen, %		46.58	46
Big Soo Sioux City, IA				
	Dry Bulk Fertilizer 21-0-0-24		04N-04879	
	Total Nitrogen, %		21.23	21
	Sulfur, %		24.11	24
Black Leaf Products Buckner, KY				
	Liquid Plant Starter 3-10-3		04N-08064	
	Chlorine, %		0.28	3
	Commercial Value		34.8	32
	Overall Index Value		109.	100
	Total Nitrogen, %		3.59	3
	Available Phosphate, %		10.31	10
	Soluble Potash, %		3.32	3
Bonide Products Inc Yorkville, NY				
	Root and Grow 4-10-3		04N-05517	
	Commercial Value		35.8	35
	Overall Index Value		102.	100
	Total Nitrogen, %		4.30	4
	Available Phosphate, %		10.13	10
	Soluble Potash, %		2.66	3
Bonide Products, Inc. Oriskany, NY				
	Plant Starter 3-10-3		04N-04167	
	Commercial Value		32.3	32
	Overall Index Value		101.	100
	Total Nitrogen, %		3.15	3
	Available Phosphate, %		9.83	10
	Soluble Potash, %		3.22	3
Calcium Products Inc. Gilmore City, IA				
	Dry Bulk Fertilizer Calcium Sulfate		04N-04876	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		1.2	
	Cobalt, ug/g (ppm)		0.6	
	Calcium, %		20.00	21
	Sulfur, %		17.83	17
	Lead, ug/g (ppm)		1.8	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		1.3	
	Selenium, ug/g (ppm)		0.104	
	Zinc, ug/g (ppm)		12.5	

Manufacturer Product	Analyte	Found	Claim	
*** Dry Bulk Fertilizer 98G Calcium 38%	Calcium, %		04N-04877	38
	DEFICIENT		33.08	
*** SuperCal 98G-Calcium 38%	Calcium, %		04N-14525	38
	DEFICIENT		33.90	
Cargill				
Minneapolis, Mn				
Dry Bulk Fertilizer 18-46-0			04N-05014	
	Commercial Value		147.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		18.06	18
Available Phosphate, %		46.21	46	
Cargill Crop Nutrition				
Minneapolis, MN				
Dry Bulk Fertilizer 46-0-0			04N-04222	
	Total Nitrogen, %		46.70	46
Dry Bulk Fertilizer 18-46-0			04N-05430	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.82	18
Available Phosphate, %		46.24	46	
Dry Bulk Fertilizer 46-0-0			04N-07394	
	Total Nitrogen, %		46.81	46
Cargill Fertilizer Inc				
Riverview, FL				
Dry Bulk Fertilizer 21-0-0-24(S)			04N-09125	
	Total Nitrogen, %		21.09	21
	Sulfur, %		24.12	24
Cargill Inc.				
Parker, SD				
Dry Bulk Fertilizer 11-52-0			04N-04869	
	Commercial Value		138.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.20	11
Available Phosphate, %		52.04	52	
Cargill Inc.				
Pipestone, MN				
Dry Bulk Fertilizer 18-46-0			04N-04308	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.96	18
Available Phosphate, %		46.04	46	
Dry Bulk Fertilizer 11-52-0			04N-04326	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		5.1	
	Cobalt, ug/g (ppm)		4.6	
	Commercial Value		136.	137
	Overall Index Value		99.5	100
	Total Nitrogen, %		10.87	11
	Available Phosphate, %		51.87	52
	Lead, ug/g (ppm)		2.3	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		10.	
	Nickel, ug/g (ppm)		16.0	
	Selenium, ug/g (ppm)		0.189	
	Zinc, ug/g (ppm)		111.	

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 18-46-0		04N-04328	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.91	18
	Available Phosphate, %		46.32	46
	Dry Bulk Fertilizer 11-52-0		04N-04874	
	Commercial Value		137.	137
	Overall Index Value		99.8	100
	Total Nitrogen, %		10.67	11
	Available Phosphate, %		52.37	52
	Dry Bulk Fertilizer 18-46-0		04N-05135	
	Commercial Value		146.	146
	Overall Index Value		99.9	100
	Total Nitrogen, %		17.99	18
	Available Phosphate, %		45.93	46
Cargill Inc. Savage, MN				
	Dry Bulk Fertilizer 18-46-0		04N-04832	
	Commercial Value		147.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.75	18
	Available Phosphate, %		46.71	46
	Dry Bulk Fertilizer 11-52-0		04N-05930	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.36	11
	Available Phosphate, %		52.02	52
Cargill, Incorp. Minneapolis, MN				
	Dry Bulk Fertilizer 21-0-0-24		04N-05540	
	Total Nitrogen, %		21.09	21
	Sulfur, %		24.21	24
Catoosa Fertilizer Company Catoosa, OK				
	Dry Bulk Fertilizer 46-0-0		04N-05241	
	Total Nitrogen, %		46.74	46
Cenex Flandreau, SD				
	** Custom Dry Bulk Fertilizer 29.027-15.145-10.097		04N-18134	
	Commercial Value		126.	127.47
	Overall Index Value		98.5	100
	Total Nitrogen, %		27.23	29.027
	DEFICIENT			
	Available Phosphate, %		15.15	15.145
	Soluble Potash, %		12.97	10.097
Centennial Ag Supply Company Kersey, CO				
	Liquid Bulk Fertilizer 17-2-5		04N-10750	
	Commercial Value		55.0	60
	Overall Index Value		91.7	100
	DEFICIENT			
	Total Nitrogen, %		17.12	17
	Available Phosphate, %		1.83	2
	Soluble Potash, %		5.17	5

Manufacturer Product	Analyte	Found	Claim
Central Farmers Coop Salem, SD			
	# Custom Dry Bulk Fertilizer 31.24-12.44-9.35		04N-05576
	Commercial Value		123. 127.95
	Overall Index Value		95.9 100
	DEFICIENT		
	Total Nitrogen, %	26.23	31.24
	DEFICIENT		
	Available Phosphate, %	17.44	12.44
	Soluble Potash, %	11.35	9.35
CF Industries Inc Long Grove, IL			
	Dry Bulk Fertilizer 46-0-0		04N-04138
	Total Nitrogen, %	46.34	46
	Dry Bulk Fertilizer 18-46-0		04N-04194
	Commercial Value	145.	146
	Overall Index Value	99.5	100
	Total Nitrogen, %	17.73	18
	Available Phosphate, %	46.01	46
	Dry Bulk Fertilizer 46-0-0		04N-04221
	Total Nitrogen, %	46.70	46
	Dry Bulk Fertilizer 18-46-0		04N-04314
	Arsenic, ug/g (ppm)	6.6	
	Cadmium, ug/g (ppm)	5.5	
	Cobalt, ug/g (ppm)	3.7	
	Commercial Value	144.	146
	Overall Index Value	98.3	100
	Total Nitrogen, %	17.42	18
	Available Phosphate, %	45.64	46
	Lead, ug/g (ppm)	4.3	
	Mercury, ug/g (ppm)	<1.0	
	Molybdenum, ug/g (ppm)	7.0	
	Nickel, ug/g (ppm)	10.0	
	Selenium, ug/g (ppm)	0.263	
	Zinc, ug/g (ppm)	63.5	
	Dry Bulk Fertilizer 18-46-0		04N-04331
	Commercial Value	146.	146
	Overall Index Value	99.8	100
	Total Nitrogen, %	17.85	18
	Available Phosphate, %	46.09	46
	Dry Bulk Fertilizer 11-52-0		04N-04332
	Commercial Value	136.	137
	Overall Index Value	99.6	100
	Total Nitrogen, %	11.03	11
	Available Phosphate, %	51.68	52
	Dry Bulk Fertilizer 46-0-0		04N-04451
	Total Nitrogen, %	46.56	46
	Dry Bulk Fertilizer 46-0-0		04N-05252
	Total Nitrogen, %	46.71	46
	Dry Bulk Fertilizer 46-0-0		04N-05388
	Total Nitrogen, %	46.64	46
	Dry Bulk Fertilizer 18-46-0		04N-05427
	Commercial Value	146.	146
	Overall Index Value	100.	100
	Total Nitrogen, %	18.02	18
	Available Phosphate, %	46.19	46
	Dry Bulk Fertilizer 46-0-0		04N-05431
	Total Nitrogen, %	46.62	46

Manufacturer Product	Analyte	Found	Claim
Chemsico St. Louis, MO			
	KGro 29-3-4		04N-04926
	Commercial Value		101. 97
	Iron, %		1.14 1
	Overall Index Value		104. 100
	Total Nitrogen, %		30.39 29
	Available Phosphate, %		2.98 3
	Soluble Potash, %		4.07 4
	ACE Green Turf Lawn Fertilizer 30-3-3		04N-05328
	Commercial Value		106. 99
	Iron, %		1.84 2
	Overall Index Value		107. 100
	Total Nitrogen, %		31.99 30
	Available Phosphate, %		2.73 3
	Soluble Potash, %		4.13 3
	Sulfur, %		0.87 1
	K-Gro Lawn Fertilizer 29-3-4		04N-05522
	Commercial Value		95.9 97
	Overall Index Value		98.9 100
	Total Nitrogen, %		28.49 29
	Available Phosphate, %		3.17 3
	Soluble Potash, %		4.11 4
	Ace Green Turf Lawn Fertilizer 30-3-3		04N-05553
	Commercial Value		99.8 99
	Overall Index Value		101. 100
	Total Nitrogen, %		30.12 30
	Available Phosphate, %		3.35 3
	Soluble Potash, %		2.73 3
CHS Cooperatives Minneapolis, MN			
	** Liquid Bulk Fertilizer 10-34-0		04N-04436
	Commercial Value		95.5 98
	Overall Index Value		97.4 100
	DEFICIENT		
	Total Nitrogen, %		9.84 10
	Available Phosphate, %		33.03 34
	DEFICIENT		
CHS Inc. Claire City, SD			
	** Liquid Bulk Fertilizer 10-34-0		04N-06928
	Commercial Value		95.8 98
	Overall Index Value		97.7 100
	DEFICIENT		
	Total Nitrogen, %		9.78 10
	Available Phosphate, %		33.14 34
	DEFICIENT		
Clark County Farmers Elevator Clark, SD			
	** Custom Blend Dry Bulk Fertilizer 36.81-0-11.97		04N-04135
	Commercial Value		128. 122.4
	Overall Index Value		104. 100
	Total Nitrogen, %		40.62 36.81
	Soluble Potash, %		5.38 11.97
	DEFICIENT		

Manufacturer Product	Analyte	Found	Claim	
Colton Farmers Elevator Colton, SD				
	** Custom Dry Bulk Fertilizer 9-23-30		04N-05134	
	Commercial Value		100.	103
	Overall Index Value		97.3	100
	DEFICIENT			
	Total Nitrogen, %		8.53	9
	Available Phosphate, %		21.88	23
	DEFICIENT			
	Soluble Potash, %		30.53	30
Con Agra Int'l Fertilizer Savannah, GA				
	Dry Bulk Fertilizer 18-46-0		04N-05240	
	Arsenic, ug/g (ppm)		5.3	
	Cadmium, ug/g (ppm)		8.6	
	Cobalt, ug/g (ppm)		4.2	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.80	18
	Available Phosphate, %		46.36	46
	Lead, ug/g (ppm)		2.5	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		9.4	
	Nickel, ug/g (ppm)		19.0	
	Selenium, ug/g (ppm)		0.132	
	Zinc, ug/g (ppm)		179.	
	** Liquid Bulk Fertilizer 10-34-0		04N-05243	
	Commercial Value		83.5	98
	Overall Index Value		85.4	100
	DEFICIENT			
	Total Nitrogen, %		8.99	10
	DEFICIENT			
	Available Phosphate, %		28.23	34
	DEFICIENT			
Con-Agra International Shakopee, MN				
	Dry Bulk Fertilizer 46-0-0		04N-10341	
	Total Nitrogen, %		46.63	46
	Dry Bulk Fertilizer 18-46-0		04N-10342	
	Commercial Value		147.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		18.09	18
	Available Phosphate, %		46.23	46
Cone Ag Service Pierre, SD				
	Liquid Bulk Fertilizer 30-0-0		04N-04456	
	Total Nitrogen, %		29.74	30
	** Liquid Bulk Fertilizer 10-34-0		04N-06250	
	Commercial Value		97.8	98
	Overall Index Value		99.8	100
	Total Nitrogen, %		11.16	10
	Available Phosphate, %		32.23	34
	DEFICIENT			
	Liquid Bulk Fertilizer 10-34-0		04N-09009	
	Commercial Value		98.2	98
	Overall Index Value		100.	100
	Total Nitrogen, %		10.50	10
	Available Phosphate, %		33.36	34

Manufacturer Product	Analyte	Found	Claim
Coop Inc Tyndall, SD			
	** Custom Dry Bulk Fertilizer 36.3-13.4-0-zinc 1.3%		04N-04860
	Arsenic, ug/g (ppm)		<1.0
	Cadmium, ug/g (ppm)		2.4
	Cobalt, ug/g (ppm)		1.3
	Commercial Value		60.8 135.7
	Overall Index Value		101. 100
	Total Nitrogen, %		38.69 36.3
	Available Phosphate, %		11.03 13.4
	DEFICIENT		
	Zinc, %		0.89 1.3
	DEFICIENT		
	Lead, ug/g (ppm)		1.3
	Mercury, ug/g (ppm)		<1.0
	Molybdenum, ug/g (ppm)		3.1
	Nickel, ug/g (ppm)		4.0
	Selenium, ug/g (ppm)		0.106
	Zinc, ug/g (ppm)		8900.
Country Pride Coop Burke, SD			
	Dry Bulk Fertilizer 0-0-60		04N-04169
	Soluble Potash, %		58.95 60
Country Pride Cooperative Freeman, SD			
	Dry Bulk Fertilizer 18-46-0		04N-04144
	Commercial Value		145. 146
	Overall Index Value		99.6 100
	Total Nitrogen, %		17.99 18
	Available Phosphate, %		45.72 46
	** Custom Dry Bulk Fertilizer 9-22-27-Sul 6.8		04N-04146
	Commercial Value		103. 98
	Overall Index Value		105. 100
	Total Nitrogen, %		10.22 9
	Available Phosphate, %		24.45 22
	Soluble Potash, %		23.69 27
	DEFICIENT		
	Sulfur, %		6.60 6.8
Dakota Gasification Company Beulah, ND			
	Dry Bulk Fertilizer Ammonium Sulfate		04N-02638
	Total Nitrogen, %		21.01 21
	Sulfur, %		24.58 24
	Dry Bulk Fertilizer 21-0-0-24		04N-04170
	Total Nitrogen, %		21.07 21
	Sulfur, %		23.84 24
	Dry Bulk Fertilizer 21-0-0-24		04N-04215
	Total Nitrogen, %		21.15 21
	Sulfur, %		24.15 24
	Dry Bulk Fertilizer 21-0-0-24		04N-04453
	Total Nitrogen, %		21.17 21
	Sulfur, %		24.85 24
	Dry Bulk Fertilizer 21-0-0-24		04N-05932
	Total Nitrogen, %		21.22 21
	Sulfur, %		24.30 24
	Dry Bulk Fertilizer 21-0-0-24		04N-05941
	Total Nitrogen, %		21.19 21
	Sulfur, %		24.02 24

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 21-0-0-24(S)		04N-08105	
	Arsenic, ug/g (ppm)		4.6	
	Cadmium, ug/g (ppm)		1.0	
	Cobalt, ug/g (ppm)		0.2	
	Total Nitrogen, %		21.25	21
	Sulfur, %		24.61	24
	Lead, ug/g (ppm)		1.6	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		2.7	
	Selenium, ug/g (ppm)		9.40	
	Zinc, ug/g (ppm)		16.0	
Dakota Mill and Grain Midland, SD				
	Dry Bulk Fertilizer 46-0-0 SW Bin		04N-05538	
	Total Nitrogen, %		46.55	46
	Dry Bulk Fertilizer 18-46-0 SE Bin		04N-05539	
	Commercial Value		144.	146
	Overall Index Value		98.7	100
	Total Nitrogen, %		17.84	18
	Available Phosphate, %		45.27	46
Dakota Plains (Cargill) Tripp,				
	Dry Bulk Fertilizer 46-0-0		04N-04429	
	Total Nitrogen, %		46.52	46
	Dry Bulk Fertilizer 11-52-0		04N-04430	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.33	11
	Available Phosphate, %		51.74	52
Dakota Plains Ag Center LLC Parkston, SD				
	Dry Bulk Fertilizer 18-46-0		04N-05590	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.18	18
	Available Phosphate, %		46.24	46
Dakota Plains Ag Ctr Parkston, SD				
	Dry Bulk Fertilizer 46-0-0		04N-04317	
	Total Nitrogen, %		46.72	46
	Dry Bulk Fertilizer 18-46-0		04N-04318	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		18.08	18
	Available Phosphate, %		45.89	46
	Dry Bulk Fertilizer 46-0-0		04N-04321	
	Total Nitrogen, %		46.77	46
	Dry Bulk Fertilizer 0-0-60		04N-04322	
	Soluble Potash, %		60.12	60
	Dry Bulk Fertilizer 11-52-0		04N-04323	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.01	11
	Available Phosphate, %		52.17	52

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 46-0-0		04N-04329	
	Total Nitrogen, %		46.93	46
	Dry Bulk Fertilizer 18-46-0		04N-04861	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.87	18
	Available Phosphate, %		46.28	46
	Dry Bulk Fertilizer 11-52-0		04N-04862	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.16	11
	Available Phosphate, %		51.91	52
	Dry Bulk Fertilizer 18-46-0		04N-05250	
	Commercial Value		145.	146
	Overall Index Value		99.6	100
	Total Nitrogen, %		17.49	18
	Available Phosphate, %		46.44	46
	Dry Bulk Fertilizer 18-46-0		04N-05254	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.94	18
	Available Phosphate, %		46.17	46
	Dry Bulk Fertilizer 46-0-0		04N-05255	
	Total Nitrogen, %		46.76	46
	Dry Bulk Fertilizer 0-0-60		04N-05256	
	Soluble Potash, %		59.71	60
DeBoer Ag Service				
Oral, SD				
	Liquid Bulk Fertilizer 28-0-0		04N-06245	
	Total Nitrogen, %		27.68	28
DeBruce Fertilizer, Inc.				
Kansas City, MO				
	Dry Bulk Fertilizer 46-0-0		04N-02635	
	Total Nitrogen, %		46.39	46
	Dry Bulk Fertilizer 46-0-0		04N-04168	
	Total Nitrogen, %		46.26	46
	Dry Bulk Fertilizer 46-0-0		04N-04878	
	Total Nitrogen, %		46.70	46
	Dry Bulk Fertilizer 46-0-0		04N-04937	
	Total Nitrogen, %		47.40	46
	Dry Bulk Fertilizer 11-52-0		04N-04938	
	Commercial Value		137.	137
	Overall Index Value		99.7	100
	Total Nitrogen, %		11.08	11
	Available Phosphate, %		51.66	52
	Dry Bulk Fertilizer 11-52-0		04N-05251	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		10.93	11
	Available Phosphate, %		52.15	52

Manufacturer Product	Analyte	Found	Claim
Deuel County Farmers Union Toronto, SD			
	Custom Dry Bulk Fertilizer 35-18-0		04N-04575
	Commercial Value		141. 141.12
	Overall Index Value		100. 100
	Total Nitrogen, %	35.29	35.04
	Available Phosphate, %	17.63	18
	** Custom Dry Bulk Fertilizer 28.89-14.43-10.85		04N-04578
	Commercial Value	134.	126.38
	Overall Index Value	106.	100
	Total Nitrogen, %	33.97	28.89
	Available Phosphate, %	12.56	14.43
	DEFICIENT		
	Soluble Potash, %	6.20	10.85
	DEFICIENT		
	** Custom Dry Bulk Fertilizer 30.96-9.2-9.56-4.12S		04N-04579
	Commercial Value	125.	120.84
	Overall Index Value	103.	100
	Total Nitrogen, %	32.96	30.96
	Available Phosphate, %	7.96	9.2
	DEFICIENT		
	Soluble Potash, %	9.32	9.56
	Sulfur, %	2.49	4.12
	DEFICIENT		
	** Custom Dry Bulk Fertilizer 23.85-16.1-16.1		04N-04581
	Commercial Value	122.	119.85
	Overall Index Value	102.	100
	Total Nitrogen, %	23.93	23.85
	Available Phosphate, %	17.83	16.1
	Soluble Potash, %	14.55	16.1
	DEFICIENT		
Dimock Farmers Elevator Dimock, SD			
	Custom Dry Bulk Fertilizer 36-12-3		04N-05911
	Commercial Value	137.	136.15
	Overall Index Value	101.	100
	Total Nitrogen, %	35.84	36.31
	Available Phosphate, %	13.03	12.1
	Soluble Potash, %	3.36	3.02
Domestic Fertilizer Inc Paris, KY			
	Tree Food Stakes 15-7-6		04N-04066
	Commercial Value	73.5	65
	Overall Index Value	113.	100
	Total Nitrogen, %	16.40	15
	Available Phosphate, %	8.02	7
	Soluble Potash, %	8.25	6
Domestic Seed & Supply Inc Madison, SD			
	** Custom Dry Bulk Fertilizer 33.9-15.6-3.39		04N-05137
	Commercial Value	136.	136.29
	Overall Index Value	100.	100
	Total Nitrogen, %	35.39	33.9
	Available Phosphate, %	13.12	15.6
	DEFICIENT		
	Soluble Potash, %	4.20	3.39

**** Custom Dry Bulk Fertilizer 30-15-9**

04N-17362

Commercial Value	126.	129
Overall Index Value	97.4	100
DEFICIENT		
Total Nitrogen, %	28.19	30
DEFICIENT		
Available Phosphate, %	14.78	15
Soluble Potash, %	11.30	9

Manufacturer Product	Analyte	Found	Claim	
Dyno Nobel Inc. Cheyenne, WY				
	Liquid Bulk Fertilizer 32-0-0		04N-06247	
	Total Nitrogen, %		32.57	32
Eastern Farmers Coop Canton, SD				
	** Custom Dry Bulk Fertilizer 27.99-14.73-11.79		04N-05390	
	Commercial Value		127.	125.22
	Overall Index Value		102.	100
	Total Nitrogen, %		29.72	27.99
	Available Phosphate, %		12.97	14.73
	DEFICIENT			
	Soluble Potash, %		11.68	11.79
	Custom Dry Bulk Fertilizer 44.43-0-0-S-3.07		04N-05392	
	Total Nitrogen, %		44.58	44.43
	Sulfur, %		3.38	3
	Cusom Dry Bulk Fertilizer 31.83-13.26-7.96		04N-05396	
	Commercial Value		132.	129.97
	Overall Index Value		101.	100
	Total Nitrogen, %		31.84	31.83
	Available Phosphate, %		13.64	13.26
	Soluble Potash, %		8.87	7.96
	Custom Dry Bulk Fertilizer 32.98-11-8.25		04N-05412	
	Commercial Value		130.	129.19
	Overall Index Value		101.	100
	Total Nitrogen, %		33.11	32.98
	Available Phosphate, %		10.43	11
	Soluble Potash, %		10.01	8.25
	** Custom Dry Bulk Fertilizer 34.8-4.32-9.6-S2.4		04N-05413	
	Commercial Value		126.	122.6
	Overall Index Value		103.	100
	Total Nitrogen, %		38.17	34.8
	Available Phosphate, %		1.62	4.32
	DEFICIENT			
	Soluble Potash, %		7.99	9.6
	DEFICIENT			
	Sulfur, %		1.22	2.4
	DEFICIENT			
	** Liquid Bulk Fertilizer 10-30-0		04N-05415	
	Commercial Value		79.8	90
	Overall Index Value		88.2	100
	DEFICIENT			
	Total Nitrogen, %		9.08	10
	DEFICIENT			
	Available Phosphate, %		26.26	30
	DEFICIENT			
Eastern Farmers Coop Crooks, SD				
	** Dry Fertilizer Lawn and Garden Food 30-10-10		04N-05881	
	Commercial Value		97.0	120
	Overall Index Value		100.	100
	Total Nitrogen, %		28.59	30
	DEFICIENT			
	Available Phosphate, %		9.74	10
	Soluble Potash, %		14.56	10

Eastern Farmers Coop
Garretson, SD

Custom Dry Bulk Fertilizer 31.80-9.35-9.35-1.87(S)

04N-05429

Commercial Value	124.	123.45
Overall Index Value	100.	100
Total Nitrogen, %	32.16	31.8
Available Phosphate, %	8.71	9.35
Soluble Potash, %	9.85	9.35
Sulfur, %	1.82	1.87

Manufacturer Product	Analyte	Found	Claim
Eastern Farmers Coop Baltic Baltic, SD			
	Custom Dry Bulk Fertilizer 9.47-24.21-28.42		04N-04527
	Commercial Value	109.	105.25
	Overall Index Value	104.	100
	Total Nitrogen, %	10.61	9.47
	Available Phosphate, %	25.24	24.21
	Soluble Potash, %	27.10	28.42
	Custom Dry Fertilizer 31.39-16.9-4.83 Batch 1		04N-19092
	Commercial Value	132.	132.8
	Overall Index Value	99.7	100
	Total Nitrogen, %	31.37	31.39
	Available Phosphate, %	16.33	16.9
	Soluble Potash, %	5.74	4.83
	Custom Dry Fertilizer 31.39-16.9-4.83 Batch 2		04N-19093
	Commercial Value	133.	132.8
	Overall Index Value	100.	100
	Total Nitrogen, %	31.70	31.39
	Available Phosphate, %	16.61	16.9
	Soluble Potash, %	5.09	4.83
Eastern Farmers Coop-Worthing Ag Center Worthing, SD			
	Custom Dry Bulk Fertilizer 32.40-22.34-0		04N-05391
	Commercial Value	145.	141.88
	Overall Index Value	102.	100
	Total Nitrogen, %	32.73	32.4
	Available Phosphate, %	23.18	22.34
	Dry Bulk Fertilizer 46-0-0		04N-19094
	Total Nitrogen, %	46.60	46
	Dry Bulk Fertilizer 18-46-0		04N-19095
	Commercial Value	146.	146
	Overall Index Value	100.	100
	Total Nitrogen, %	17.75	18
	Available Phosphate, %	46.37	46
Easy Gardener Waco, TX			
	Jobs Plant Food Spikes 10-10-4		04N-04067
	Commercial Value	62.1	54
	Overall Index Value	115.	100
	Total Nitrogen, %	11.34	10
	Available Phosphate, %	11.58	10
	Soluble Potash, %	4.91	4
	Jobs Fertilizer Spikes 8-24-8		04N-04939
	Commercial Value	99.5	80
	Overall Index Value	124.	100
	Total Nitrogen, %	12.31	8
	Available Phosphate, %	26.36	24
	Soluble Potash, %	9.84	8
	Ross Gro Stakes		04N-05116
	Commercial Value	80.5	77
	Overall Index Value	105.	100
	Total Nitrogen, %	16.36	16
	Available Phosphate, %	9.76	10
	Soluble Potash, %	11.90	9

Manufacturer Product	Analyte	Found	Claim	
	Jobs Fertilizer Spikes		04N-05117	
	Commercial Value		105.	80
	Overall Index Value		132.	100
	Total Nitrogen, %		13.22	8
	Available Phosphate, %		27.98	24
	Soluble Potash, %		9.81	8
	Ross Gro Stakes Fertilizer Trees & Shrubs 16-10-9		04N-05324	
	Commercial Value		81.6	77
	Overall Index Value		106.	100
	Total Nitrogen, %		16.44	16
	Available Phosphate, %		11.38	10
	Soluble Potash, %		9.50	9
	** Jobs Fertilizer Spikes - Trees and Shrubs		04N-05546	
	Chlorine, %		5.87	8
	Commercial Value		87.6	72
	Overall Index Value		122.	100
	Total Nitrogen, %		17.98	16
	Available Phosphate, %		13.16	8
	Soluble Potash, %		7.36	8
	DEFICIENT			
	Jobs Fertilizer Spikes 12-16-12		04N-17579	
	Chlorine, %		11.20	12
	Commercial Value		90.2	80
	Overall Index Value		113.	100
	Total Nitrogen, %		14.34	12
	Available Phosphate, %		17.03	16
	Soluble Potash, %		13.08	12
Eau Claire Coop Oil Company				
Eau Claire, WI				
	Forever Green Lawn Builder Weed & Feed 26-3-5		04N-06379	
	Commercial Value		92.2	89
	Overall Index Value		104.	100
	Total Nitrogen, %		26.33	26
	Available Phosphate, %		4.09	3
	Soluble Potash, %		5.04	5
	** Dry Bulk Fertilizer 10-10-10		04N-08624	
	Commercial Value		52.0	60
	Overall Index Value		86.7	100
	DEFICIENT			
	Total Nitrogen, %		8.38	10
	DEFICIENT			
	Available Phosphate, %		8.88	10
	DEFICIENT			
	Soluble Potash, %		9.73	10
F & M Coop				
Madison, SD				
	Custom Dry Bulk Fertilizer 26.15-24.11-6.05		04N-05141	
	Commercial Value		133.	132.72
	Overall Index Value		100.	100
	Total Nitrogen, %		25.84	26.15
	Available Phosphate, %		24.74	24.11
	Soluble Potash, %		6.26	6.05
	Custom Dry Bulk Fertilizer 13.01-33.26-16.62		04N-17365	
	Commercial Value		120.	122.17
	Overall Index Value		98.5	100
	Total Nitrogen, %		12.57	13.01
	Available Phosphate, %		32.68	33.26
	Soluble Potash, %		17.06	16.62

Manufacturer Product	Analyte	Found	Claim
Farmers and Merchants Coop Oil Co. Madison, SD			
	Liquid Bulk Fertilizer 10-34-0		04N-04333
	Commercial Value	98.8	98
	Overall Index Value	101.	100
	Total Nitrogen, %	10.45	10
	Available Phosphate, %	33.75	34
Farmers Plant Food Inc Garretson, SD			
	** Liquid Bulk Fertilizer 12-0-0-26		04N-05398
	Total Nitrogen, %	12.48	12
	Sulfur, %	23.54	26
	DEFICIENT		
	Custom Liquid Fertilizer 9.12-31.03-0-(Zn)8.72		04N-05424
	Arsenic, ug/g (ppm)	3.6	
	Cadmium, ug/g (ppm)	55.5	
	Cobalt, ug/g (ppm)	0.6	
	Commercial Value	90.7	89.42
	Overall Index Value	101.	100
	Total Nitrogen, %	10.04	9.12
	Available Phosphate, %	30.29	31.03
	Zinc, %	1.27	1.3
	Lead, ug/g (ppm)	1.1	
	Mercury, ug/g (ppm)	<1.0	
	Molybdenum, ug/g (ppm)	7.2	
	Nickel, ug/g (ppm)	0.5	
	Selenium, ug/g (ppm)	<0.200	
	Zinc, ug/g (ppm)	12700.	
	Liquid Bulk Fertilizer 10-34-0		04N-05589
	Commercial Value	96.9	98
	Overall Index Value	98.9	100
	Total Nitrogen, %	9.79	10
	Available Phosphate, %	33.77	34
	Liquid Bulk Fertilizer 28-0-0		04N-05919
	Total Nitrogen, %	29.85	28
	Liquid Bulk Fertilizer 28-0-0		04N-06179
	Total Nitrogen, %	29.53	28
	Liquid Bulk Fertilizer 10-34-0		04N-06465
	Commercial Value	98.2	98
	Overall Index Value	100.	100
	Total Nitrogen, %	10.07	10
	Available Phosphate, %	33.98	34
	Liquid Bulk Fertilizer 28-0-0		04N-06929
	Total Nitrogen, %	27.62	28
Farmers Plant Food Inc Wolsey, SD			
	Liquid Bulk Fertilizer 28%		04N-04216
	Total Nitrogen, %	28.40	28
	Liquid Bulk Fertilizer 10-34-0		04N-05247
	Commercial Value	97.6	98
	Overall Index Value	99.6	100
	Total Nitrogen, %	10.20	10
	Available Phosphate, %	33.48	34
	Liquid Bulk Fertilizer 28-0-0		04N-05303
	Total Nitrogen, %	29.08	28

Manufacturer Product	Analyte	Found	Claim	
	Liquid Bulk Fertilizer 10-34-0		04N-05304	
	Commercial Value		97.6	98
	Overall Index Value		99.6	100
	Total Nitrogen, %		10.02	10
	Available Phosphate, %		33.78	34
	** Liquid Bulk Fertilizer 28-0-0		04N-10344	
	Total Nitrogen, %		26.60	28
	DEFICIENT			
Farmers Union Oil Company				
Pierpont, SD				
	** Custom Dry Bulk Fertilizer 14.04-35.88-13.20		04N-05016	
	Commercial Value		124.	127.08
	Overall Index Value		97.6	100
	DEFICIENT			
	Total Nitrogen, %		13.39	14.04
	Available Phosphate, %		33.31	35.88
	DEFICIENT			
	Soluble Potash, %		16.70	13.2
Florence Farmers Elevator				
Florence, SD				
	Custom Dry Fertilizer 37-0-12		04N-06500	
	Commercial Value		123.	122.4
	Overall Index Value		101.	100
	Total Nitrogen, %		37.09	36.8
	Soluble Potash, %		11.88	12
Free Flow Fertilizer				
Maumee, OH				
	Weed & Feed 28-3-3		04N-04929	
	Commercial Value		91.6	93
	Overall Index Value		98.5	100
	Total Nitrogen, %		27.26	28
	Available Phosphate, %		3.30	3
	Soluble Potash, %		3.18	3
	Sulfur, %		1.78	1.71
Fremar Farmers Coop Inc				
Marion, SD				
	Dry Bulk Fertilizer 46-0-0		04N-04433	
	Total Nitrogen, %		46.61	46
	Dry Bulk Fertilizer 18-46-0		04N-04434	
	Commercial Value		146.	146
	Overall Index Value		99.9	100
	Total Nitrogen, %		17.89	18
	Available Phosphate, %		46.08	46
Gettysburg Feed & Grain				
Gettysburg, SD				
	Dry Bulk Fertilizer 46-0-0		04N-04228	
	Total Nitrogen, %		46.72	46
Great Salt Lake Minerals Corp.				
Ogden, UT				
	Dry Bulk Fertilizer 0-0-50		04N-04872	
	Soluble Potash, %		51.10	50

Manufacturer Product	Analyte	Found	Claim
Harvey Products, Inc. Blue Mounds, WI			
	Dry Bulk Fertilizer Volcano Phosphate 0-5-0		04N-04875
	Arsenic, ug/g (ppm)	<1.0	
	Cadmium, ug/g (ppm)	1.5	
	Cobalt, ug/g (ppm)	24.1	
	Available Phosphate, %	4.64	5
	Lead, ug/g (ppm)	14.0	
	Mercury, ug/g (ppm)	<1.0	
	Molybdenum, ug/g (ppm)	7.4	
	Nickel, ug/g (ppm)	43.8	
	Selenium, ug/g (ppm)	0.596	
	Zinc, ug/g (ppm)	346.	
Hazel Farmers Elevator Hazel, SD			
	Custom Dry Bulk Fertilizer 28.64-28.52-0		04N-06226
	Commercial Value	145.	142.96
	Overall Index Value	102.	100
	Total Nitrogen, %	29.38	28.64
	Available Phosphate, %	28.58	28.52
Helana Chemical Co. Bassett, NE			
	** Custom Liquid Fertilizer 8-20-4-(S)3-(Zn)0.5		04N-06246
	Arsenic, ug/g (ppm)	<1.0	
	Cadmium, ug/g (ppm)	22.9	
	Cobalt, ug/g (ppm)	0.3	
	Commercial Value	67.3	68
	Overall Index Value	99.0	100
	Total Nitrogen, %	8.22	8
	Available Phosphate, %	19.36	20
	Soluble Potash, %	3.94	4
	Sulfur, %	0.41	3
	DEFICIENT		
	Lead, ug/g (ppm)	1.0	
	Mercury, ug/g (ppm)	<1.0	
	Molybdenum, ug/g (ppm)	6.7	
	Nickel, ug/g (ppm)	0.8	
	Selenium, ug/g (ppm)	<0.200	
	Zinc, ug/g (ppm)	4550.	
Helena Chemical Co. Bassett, NE			
	** Liquid Bulk Fertilizer 28-0-0		04N-05265
	Total Nitrogen, %	26.29	28
	DEFICIENT		
Hi Plains Agronomy Harrold, SD			
	Dry Bulk Fertilizer 46-0-0		04N-04934
	Total Nitrogen, %	47.44	46
	Dry Bulk Fertilizer 11-52-0		04N-04935
	Commercial Value	138.	137
	Overall Index Value	100.	100
	Total Nitrogen, %	11.23	11
	Available Phosphate, %	51.91	52

Manufacturer Product	Analyte	Found	Claim
Howard Farmers Coop Assn Howard, SD			
**	Custom Dry Bulk Fertilizer 32.92-21.48-0		04N-05298
	Commercial Value		144. 141.72
	Overall Index Value		102. 100
	Total Nitrogen, %		34.53 32.92
	Available Phosphate, %		20.06 21.48
	DEFICIENT		
**	Custom Dry Bulk Fertilizer 9-23-30		04N-05299
	Commercial Value		97.4 103
	Overall Index Value		94.6 100
	DEFICIENT		
	Total Nitrogen, %		8.07 9
	DEFICIENT		
	Available Phosphate, %		20.40 23
	DEFICIENT		
	Soluble Potash, %		33.28 30
**	Custom Dry Bulk Fertilizer 27.68-18.48-9.22		04N-05300
	Commercial Value		128. 130.22
	Overall Index Value		99.3 100
	Total Nitrogen, %		26.96 27.68
	Available Phosphate, %		16.87 18.48
	DEFICIENT		
	Soluble Potash, %		13.15 9.22
Howard Johnsons Enterprises Inc Milwaukee, WI			
	All Purpose Fertilizer 10-10-10		04N-04931
	Commercial Value		62.2 60
	Overall Index Value		104. 100
	Total Nitrogen, %		9.60 10
	Available Phosphate, %		9.78 10
	Soluble Potash, %		13.37 10
	Hardware Hank All Purpose Fertilizer 10-10-10		04N-04941
	Commercial Value		60.5 60
	Overall Index Value		101. 100
	Total Nitrogen, %		10.24 10
	Available Phosphate, %		9.63 10
	Soluble Potash, %		10.52 10
**	Hardware Hank 10-10-10 All Purpose Fertilizer		04N-05325
	Commercial Value		54.6 60
	Overall Index Value		91.0 100
	DEFICIENT		
	Total Nitrogen, %		9.76 10
	Available Phosphate, %		7.79 10
	DEFICIENT		
	Soluble Potash, %		9.86 10
	Hardware Hank Weed & Feed Plus 26-3-4		04N-05326
	Commercial Value		87.7 88
	Overall Index Value		99.7 100
	Total Nitrogen, %		25.57 26
	Available Phosphate, %		3.21 3
	Soluble Potash, %		4.60 4
	Hardware Hank Turf Food 28-3-4		04N-05327
	Commercial Value		92.3 94
	Overall Index Value		98.2 100
	Total Nitrogen, %		27.19 28
	Available Phosphate, %		2.89 3
	Soluble Potash, %		4.97 4

**** Howard Johnsons Crabgrass Control Plus 15-5-10**

04N-06780

Commercial Value	61.5	65
Overall Index Value	94.6	100
DEFICIENT		
Total Nitrogen, %	14.48	15
Available Phosphate, %	4.75	5
Soluble Potash, %	8.62	10
DEFICIENT		

Manufacturer Product	Analyte	Found	Claim
IMC Phosphates Co.			
Lake Forest, IL			
	Dry Bulk Fertilizer 18-46-0		04N-05389
	Arsenic, ug/g (ppm)		4.8
	Cadmium, ug/g (ppm)		4.9
	Cobalt, ug/g (ppm)		4.7
	Commercial Value		147. 146
	Overall Index Value		100. 100
	Total Nitrogen, %		17.99 18
	Available Phosphate, %		46.30 46
	Lead, ug/g (ppm)		2.2
	Mercury, ug/g (ppm)		<1.0
	Molybdenum, ug/g (ppm)		12.
	Nickel, ug/g (ppm)		15.5
	Selenium, ug/g (ppm)		0.150
	Zinc, ug/g (ppm)		87.2
IMC USA Inc.			
Lake Forest, IL			
	Dry Bulk Fertilizer 0-0-60		04N-04450
	Arsenic, ug/g (ppm)		1.4
	Cadmium, ug/g (ppm)		1.8
	Cobalt, ug/g (ppm)		<0.2
	Soluble Potash, %		60.63 60
	Lead, ug/g (ppm)		1.1
	Mercury, ug/g (ppm)		<1.0
	Molybdenum, ug/g (ppm)		<1.0
	Nickel, ug/g (ppm)		0.5
	Selenium, ug/g (ppm)		<0.070
	Zinc, ug/g (ppm)		75.4
	Dry Bulk Fertilizer K-MAG 0-0-22		04N-04880
	Arsenic, ug/g (ppm)		<1.0
	Cadmium, ug/g (ppm)		0.7
	Cobalt, ug/g (ppm)		0.4
	Magnesium, %		10.49 11
	Soluble Potash, %		21.78 22
	Sulfur, %		22.45 22
	Lead, ug/g (ppm)		<1.0
	Mercury, ug/g (ppm)		<1.0
	Molybdenum, ug/g (ppm)		3.8
	Nickel, ug/g (ppm)		19.9
	Selenium, ug/g (ppm)		0.088
	Zinc, ug/g (ppm)		8.87
J.R. Peters Inc.			
Allentown, PA			
	Jacks Classic African Violet 12-36-14		04N-15732
	Commercial Value		134. 86
	Overall Index Value		110. 100
	Total Nitrogen, %		13.64 12
	Available Phosphate, %		37.27 36
	Soluble Potash, %		18.23 14

Manufacturer Product	Analyte	Found	Claim
Jirdon Agri Chemicals Inc Morrill, NE			
	Bill's Rose Fertilizer		04N-15731
	Commercial Value	63.0	52
	Iron, %	4.48	3.5
	Overall Index Value	121.	100
	Total Nitrogen, %	13.91	10
	Available Phosphate, %	9.38	10
	Soluble Potash, %	2.45	2
	Sulfur, %	13.46	12
Johnsons Ranchers Supply Inc Wall, SD			
	Liquid Bulk Fertilizer 28-0-0		04N-09008
	Total Nitrogen, %	29.79	28
JR Simplot Rock Springs, WY			
	Dry Bulk Fertilizer 21-0-0-24		04N-05268
	Total Nitrogen, %	21.07	21
	Sulfur, %	24.47	24
K-Mart Corporation Troy, MI			
	K-Gro Tomato Food		04N-10339
	Commercial Value	110.	111
	Overall Index Value	98.7	100
	Total Nitrogen, %	18.05	18
	Available Phosphate, %	17.76	18
	Soluble Potash, %	19.90	21
Kingsburg Grain & Feed Springfield, SD			
	Custom Dry Bulk Fertilizer 13-34-15		04N-04868
	Commercial Value	127.	122
	Overall Index Value	104.	100
	Total Nitrogen, %	14.27	13
	Available Phosphate, %	34.73	34
	Soluble Potash, %	14.24	15
Koch Nitrogen Co Wichita, KS			
	Dry Bulk Fertilizer 46-0-0		04N-05407
	Total Nitrogen, %	46.61	46
	Dry Bulk Fertilizer 46-0-0		04N-05533
	Total Nitrogen, %	46.56	46
	Dry Bulk Fertilizer 46-0-0 Bin 5		04N-05534
	Total Nitrogen, %	46.45	46
Koch Nitrogen Company Sgt. Bluff, IA			
	Dry Bulk Fertilizer 46-0-0		04N-20168
	Total Nitrogen, %	46.62	46

Manufacturer Product	Analyte	Found	Claim
Lebanon Seaboard Corp Lebanon, PA			
	Preen N Green 28-2-5		04N-04940
	Commercial Value	100.	93
	Overall Index Value	107.	100
	Total Nitrogen, %	28.86	28
	Available Phosphate, %	4.05	2
	Soluble Potash, %	5.28	5
	Preen N Green 9-17-9		04N-05214
	Chlorine, %	6.58	8
	Commercial Value	72.2	70
	Overall Index Value	103.	100
	Total Nitrogen, %	9.62	9
	Available Phosphate, %	17.17	17
	Soluble Potash, %	8.98	9
	Preen for Lawns		04N-05221
	Commercial Value	97.3	93
	Overall Index Value	105.	100
	Total Nitrogen, %	28.94	28
	Available Phosphate, %	2.65	2
	Soluble Potash, %	5.14	5
	Preen Garden & Beds		04N-05222
	Commercial Value	81.3	70
	Overall Index Value	116.	100
	Total Nitrogen, %	11.15	9
	Available Phosphate, %	18.54	17
	Soluble Potash, %	10.77	9
	Preen and Green Lawns		04N-05257
	Commercial Value	99.1	93
	Overall Index Value	107.	100
	Total Nitrogen, %	28.57	28
	Available Phosphate, %	3.97	2
	Soluble Potash, %	5.44	5
Lesco, Inc. Strongsville, OH			
	Lesco Scenic Green Lawn Fertilizer 25-0-11		04N-06016
	Commercial Value	89.2	86
	Overall Index Value	104.	100
	Total Nitrogen, %	26.22	25
	Soluble Potash, %	10.54	11
Lilly Miller Brands F1475 Clackamas, OR			
	Alaska Fish Fertilizer 5-1-1		04N-05628
	Commercial Value	17.9	18
	Overall Index Value	114.	100
	Total Nitrogen, %	5.10	5
	Available Phosphate, %	1.46	1
	Soluble Potash, %	2.23	1
	Alaska Fish Fertilizer 5-1-1		04N-09014
	Commercial Value	20.3	18
	Overall Index Value	113.	100
	Total Nitrogen, %	5.23	5
	Available Phosphate, %	1.40	1
	Soluble Potash, %	1.85	1

Manufacturer Product	Analyte	Found	Claim
Mettler Fertilizer of Freeman Freeman, SD			
	Dry Bulk Fertilizer 21-0-0-24 Sulfur		04N-05914
	Total Nitrogen, %	21.43	21
	Sulfur, %	24.13	24
Midwest Bio Ag Blue Mounds, Wi			
	** Dry Bulk Fertilizer 5-5-5		04N-04873
	Arsenic, ug/g (ppm)	4.3	
	Cadmium, ug/g (ppm)	3.1	
	Cobalt, ug/g (ppm)	12.0	
	Commercial Value	29.2	30
	Overall Index Value	97.5	100
	DEFICIENT		
	Total Nitrogen, %	5.48	5
	Available Phosphate, %	3.39	5
	DEFICIENT		
	Soluble Potash, %	6.11	5
	Lead, ug/g (ppm)	138.	
	Mercury, ug/g (ppm)	<1.0	
	Molybdenum, ug/g (ppm)	8.7	
	Nickel, ug/g (ppm)	61.0	
	Selenium, ug/g (ppm)	2.06	
	Zinc, ug/g (ppm)	21200.	
Midwest Cooperatives Onida, SD			
	** Dry Custom Fertilizer 34.2-17.6-0		04N-04448
	Commercial Value	135.	137.8
	Overall Index Value	97.8	100
	DEFICIENT		
	Total Nitrogen, %	32.93	34.2
	DEFICIENT		
	Available Phosphate, %	18.12	17.6
	Dry Custom Fertilizer 11.92-34.2-7.14-5.35(S)		04N-04449
	Commercial Value	115.	111.3
	Overall Index Value	103.	100
	Total Nitrogen, %	11.94	11.92
	Available Phosphate, %	35.67	34.2
	Soluble Potash, %	7.63	7.14
	Sulfur, %	5.94	5.35
	** Dry Custom Fertilizer 31.12-11.65-3.9-3.89(S)		04N-04455
	Commercial Value	121.	120.56
	Overall Index Value	100.	100
	Total Nitrogen, %	31.12	31.12
	Available Phosphate, %	12.55	11.65
	Soluble Potash, %	2.50	3.9
	DEFICIENT		
	Sulfur, %	5.39	3.89
	Dry Bulk Fertilizer 21-0-0-24		04N-05536
	Total Nitrogen, %	21.43	21
	Sulfur, %	24.18	24
	Dry Bulk Fertilizer 46-0-0		04N-06567
	Total Nitrogen, %	46.79	46
	Dry Bulk Fertilizer 11-52-0		04N-06568
	Commercial Value	137.	137
	Overall Index Value	99.7	100
	Total Nitrogen, %	11.15	11
	Available Phosphate, %	51.60	52

Manufacturer Product	Analyte	Found	Claim
Midwest Cooperatives Pierre, SD			
	Liquid Bulk Fertilizer 10-34-0 Poly Tank		04N-05548
	Commercial Value	97.6	98
	Overall Index Value	99.6	100
	Total Nitrogen, %	10.38	10
	Available Phosphate, %	33.24	34
	Liquid Bulk Fertilizer 10-34-0 Steel Tank North		04N-05549
	Commercial Value	103.	98
	Overall Index Value	105.	100
	Total Nitrogen, %	11.09	10
	Available Phosphate, %	35.04	34
	*** Custom Liquid Fertilizer 6-28.36-27.27		04N-05551
	Commercial Value	101.	101.99
	Overall Index Value	99.1	100
	Total Nitrogen, %	9.25	6
	Available Phosphate, %	22.33	28.36
	DEFICIENT		
	Soluble Potash, %	28.64	27.27
Milwaukee Met Sewerage Dist. Milwaukee, WI			
	Milorganite Fertilizer 6-2-0		04N-05329
	Calcium, %	1.86	1-2
	Chlorine, %	0.44	1
	Commercial Value	26.8	22
	Iron, %	4.07	4
	Overall Index Value	122.	100
	Total Nitrogen, %	6.31	6
	Available Phosphate, %	3.92	2
	Garden Care Dry Fertilizer 6-2-0		04N-10739
	Calcium, %	1.67	1.2
	Chlorine, %	0.26	1
	Commercial Value	25.7	22
	Iron, %	5.11	4
	Overall Index Value	117.	100
	Total Nitrogen, %	6.28	6
	Available Phosphate, %	3.43	2
Miracle Gro Lawn Products Marysville, OH			
	Miracle Gro Lawn Fertilizer Plus Weed 28-3-3		04N-04930
	Commercial Value	97.0	93
	Overall Index Value	104.	100
	Total Nitrogen, %	28.66	28
	Available Phosphate, %	3.81	3
	Soluble Potash, %	3.42	3
	Sulfur, %	2.86	2.8
Mosaic Phosphates Co. Lake Forest, IL			
	*** Dry Bulk Fertilizer 18-46-0		04N-20169
	Commercial Value	139.	146
	Overall Index Value	95.3	100
	DEFICIENT		
	Total Nitrogen, %	12.82	18
	DEFICIENT		
	Available Phosphate, %	50.49	46
Northern Plains Coop Selby, SD			
	Dry Bulk Fertilizer 46-0-0		04N-05934
	Total Nitrogen, %	46.75	46

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 18-46-0		04N-05935	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.91	18
	Available Phosphate, %		46.10	46
	Dry Bulk Fertilizer 11-52-0		04N-09646	
	Commercial Value		137.	137
	Overall Index Value		99.9	100
	Total Nitrogen, %		11.12	11
	Available Phosphate, %		51.72	52
	Dry Bulk Fertilizer 46-0-0		04N-09647	
	Total Nitrogen, %		46.70	46
	Dry Bulk Fertilizer 0-0-60		04N-09648	
	Soluble Potash, %		59.78	60
Nulex Inc				
Sioux City, IA				
	Liquid Bulk Fertilizer 20% Zinc		04N-06137	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		1.7	
	Cobalt, ug/g (ppm)		<0.2	
	Zinc, %		21.20	20
	Lead, ug/g (ppm)		14.7	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		6.4	
	Selenium, ug/g (ppm)		<0.070	
	Zinc, ug/g (ppm)		212000.	
	Liquid Bulk Fertilizer 12-0-0-26S		04N-10349	
	Total Nitrogen, %		12.63	12
	Sulfur, %		26.37	26
Nutra-Flo Company				
Sioux City, IA				
	Liquid Bulk Fertilizer 10-34-0		04N-04306	
	Commercial Value		96.1	98
	Overall Index Value		98.0	100
	Total Nitrogen, %		9.78	10
	Available Phosphate, %		33.36	34
	Liquid Bulk Fertilizer Super 55		04N-05238	
	Commercial Value		70.8	69
	Overall Index Value		103.	100
	Total Nitrogen, %		8.48	8
	Available Phosphate, %		20.03	20
	Soluble Potash, %		5.32	5
	Zinc, %		0.51	0.5
Optiflora				
Nashville, TN				
	Optimara Violet Food 14-12-14		04N-15729	
	Commercial Value		86.1	80
	Overall Index Value		108.	100
	Total Nitrogen, %		15.34	14
	Available Phosphate, %		12.35	12
	Soluble Potash, %		15.42	14

Manufacturer Product	Analyte	Found	Claim	
Orchard Fertilizer Service Inc. Orchard, NE				
	** Dry Bulk Fertilizer 0-0-22(K)-22(S)-11(Mg)		04N-05234	
	Magnesium, %		10.08	11
	DEFICIENT			
	Soluble Potash, %		21.40	22
	Sulfur, %		21.49	22
PCS Sales, Inc. Saskatoon, Saskatchewan, CN				
	Dry Bulk Fertilizer 0-0-60		04N-04145	
	Soluble Potash, %		59.45	60
	Dry Bulk Fertilizer 0-0-60		04N-04319	
	Soluble Potash, %		59.99	60
	Dry Bulk Fertilizer 0-0-60		04N-04327	
	Soluble Potash, %		60.38	60
	** Dry Bulk Fertilizer 0-0-60		04N-04330	
	Soluble Potash, %		58.24	60
	DEFICIENT			
	Dry Bulk Fertilizer 0-0-60		04N-05136	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		1.5	
	Cobalt, ug/g (ppm)		0.3	
	Soluble Potash, %		59.83	60
	Lead, ug/g (ppm)		1.2	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		0.8	
	Selenium, ug/g (ppm)		<0.200	
	Zinc, ug/g (ppm)		3.93	
	Dry Bulk Fertilizer 0-0-60		04N-06243	
	Soluble Potash, %		60.34	60
Pine Bend Whse Rosemount, MN				
	Dry Bulk Fertilizer 18-46-0		04N-05418	
	Commercial Value		145.	146
	Overall Index Value		99.2	100
	Total Nitrogen, %		18.04	18
	Available Phosphate, %		45.37	46
Potash Corp. of Saskatchewan Saskatoon SAS,				
	Dry Bulk Fertilizer 0-0-60		04N-04224	
	Soluble Potash, %		59.51	60
	Dry Bulk Fertilizer 0-0-60		04N-04309	
	Soluble Potash, %		60.32	60
	Dry Bulk Fertilizer 0-0-60		04N-04871	
	Soluble Potash, %		62.10	60
	Dry Bulk Fertilizer 0-0-60		04N-05939	
	Soluble Potash, %		61.66	60
Pro Ag Supply Aberdeen, SD				
	Liquid Bulk Fertilizer 28-0-0		04N-04227	
	Total Nitrogen, %		28.26	28

Manufacturer Product	Analyte	Found	Claim
Ramsdell F & M Ltd Flandreau, SD			
	Custom Liquid Bulk Fertilizer 20.4-8.7-4.4		04N-06467
	Commercial Value	86.2	83
	Overall Index Value	104.	100
	Total Nitrogen, %	21.42	20.4
	Available Phosphate, %	8.88	8.7
	Soluble Potash, %	4.17	4.4
	** Custom Liquid Bulk Fertilizer 10-30-0		04N-06468
	Commercial Value	87.8	90
	Overall Index Value	97.5	100
	DEFICIENT		
	Total Nitrogen, %	9.47	10
	Available Phosphate, %	29.67	30
	Customer formula Chicken Litter 2.7-2.3-1.2		04N-18135
	Commercial Value	14.0	13.9
	Overall Index Value	101.	100
	Total Nitrogen, %	2.70	2.7
	Available Phosphate, %	2.30	2.3
	Soluble Potash, %	1.46	1.2
	** Customer formula Chicken Litter 2.7-2.3-1.2		04N-18136
	Commercial Value	12.7	13.9
	Overall Index Value	91.2	100
	DEFICIENT		
	Total Nitrogen, %	2.29	2.7
	Available Phosphate, %	1.81	2.3
	Soluble Potash, %	1.43	1.2
	Customer formula Chicken Litter 2.7-2.3-1.2		04N-18137
	Commercial Value	14.0	13.9
	Overall Index Value	101.	100
	Total Nitrogen, %	2.40	2.7
	Available Phosphate, %	2.14	2.3
	Soluble Potash, %	1.49	1.2
Revilla Farmers Elevator Revilla, SD			
	Custom Dry Fertilizer 36.5-11.7-3		04N-06503
	Commercial Value	137.	136.11
	Overall Index Value	100.	100
	Total Nitrogen, %	36.41	36.55
	Available Phosphate, %	12.28	11.74
	Soluble Potash, %	2.88	2.98
Sanborn County Farmers Union Oil Woonsocket, SD			
	Liquid Bulk Fertilizer 10-34-0		04N-10343
	Commercial Value	97.1	98
	Overall Index Value	99.0	100
	Total Nitrogen, %	9.78	10
	Available Phosphate, %	33.86	34
Saskferco Belle Plaine, Sask., CN			
	Dry Bulk Fertilizer 46-0-0		04N-04307
	Total Nitrogen, %	46.70	46
	Dry Bulk Fertilizer 46-0-0		04N-04325
	Total Nitrogen, %	46.81	46
	Dry Bulk Fertilizer 46-0-0		04N-04830
	Total Nitrogen, %	46.76	46
	Dry Bulk Fertilizer 46-0-0		04N-05266
	Total Nitrogen, %	46.51	46

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 46-0-0 NW Bin		04N-05537	
	Total Nitrogen, %		46.60	46
	Dry Bulk Fertilizer 46-0-0 Truck Delivery		04N-05545	
	Total Nitrogen, %		46.55	46
	Dry Bulk Fertilizer 46-0-0		04N-05931	
Total Nitrogen, %		46.84	46	
	Dry Bulk Fertilizer 46-0-0		04N-05938	
	Total Nitrogen, %		46.65	46
	Dry bulk Fertilizer 46-0-0		04N-07444	
	Total Nitrogen, %		46.52	46
Schultz Company				
Bridgeton, MO				
	Expert Bloom Plus 5-30-5		04N-05516	
	Commercial Value		88.6	80
	Overall Index Value		111.	100
	Total Nitrogen, %		7.22	5
	Available Phosphate, %		30.04	30
	Soluble Potash, %		6.91	5
	Garden Safe Liquid All Purpose Plant Food 3-1-5		04N-06126	
	Commercial Value		17.7	14
	Overall Index Value		111.	100
	Total Nitrogen, %		3.15	3
	Available Phosphate, %		0.97	1
	Soluble Potash, %		6.34	5
	Schultz All Purpose Plant Food 20-30-20		04N-09150	
	Commercial Value		138.	140
	Overall Index Value		98.2	100
	Total Nitrogen, %		19.68	20
	Available Phosphate, %		29.70	30
	Soluble Potash, %		19.09	20
Scotts Company				
Marysville, OH				
	Miracle-Gro All Purpose Plant Food 15-30-15		04N-00467	
	Commercial Value		125.	120
	Overall Index Value		104.	100
	Total Nitrogen, %		15.64	15
	Available Phosphate, %		31.61	30
	Soluble Potash, %		14.88	15
	Miracle-Gro Instant Action Houseplant Food Tablets		04N-00468	
	Commercial Value		106.	100
	Overall Index Value		106.	100
	Total Nitrogen, %		15.50	15
	Available Phosphate, %		21.53	20
	Soluble Potash, %		16.16	15
	Scotts Evergreen, Flowering Tree & Shrub Plant Food		04N-00625	
	Commercial Value		67.4	54
	Overall Index Value		125.	100
	Total Nitrogen, %		13.66	11
	Available Phosphate, %		8.85	7
	Soluble Potash, %		8.69	7
	Sulfur, %		2.48	2.1
	Miracle Gro Rose Plant Food		04N-04165	
	Commercial Value		126.	118
	Overall Index Value		107.	100
	Total Nitrogen, %		20.24	18
	Available Phosphate, %		24.48	24
	Soluble Potash, %		16.71	16

Manufacturer Product	Analyte	Found	Claim	
Miracle Gro Houseplant			04N-04192	
	Commercial Value		105.	100
	Overall Index Value		105.	100
	Total Nitrogen, %		15.01	15
	Available Phosphate, %		21.32	20
	Soluble Potash, %		17.70	15
Scott Turf Builder 29-3-4			04N-04927	
	Commercial Value		99.9	97
	Iron, %		1.09	1
	Overall Index Value		103.	100
	Total Nitrogen, %		29.60	29
	Available Phosphate, %		3.45	3
	Soluble Potash, %		4.17	4
	Sulfur, %		8.51	6
Scott's Starter Fertilizer 20-27-5			04N-04982	
	Commercial Value		125.	119
	Overall Index Value		105.	100
	Total Nitrogen, %		21.45	20
	Available Phosphate, %		27.75	27
	Soluble Potash, %		4.93	5
Scotts Bone Meal 6-12-0			04N-05223	
	Commercial Value		47.2	42
	Overall Index Value		112.	100
	Total Nitrogen, %		6.51	6
	Available Phosphate, %		13.85	12
Scotts Turf Builder 30-3-3			04N-05224	
	Commercial Value		97.9	99
	Overall Index Value		98.9	1000
	Total Nitrogen, %		29.18	30
	Available Phosphate, %		3.21	3
	Soluble Potash, %		3.93	3
Natural Bone Meal 6-12-0			04N-08061	
	Commercial Value		48.2	42
	Overall Index Value		115.	100
	Total Nitrogen, %		6.71	6
	Available Phosphate, %		14.03	12
Starter Fertilizer 20-27-5			04N-08062	
	Commercial Value		125.	119
	Overall Index Value		105.	100
	Total Nitrogen, %		21.28	20
	Available Phosphate, %		28.00	27
	Soluble Potash, %		5.49	5
Rose and Bloom 12-4-8			04N-08063	
	Commercial Value		62.4	52
	Overall Index Value		120.	100
	Total Nitrogen, %		14.16	12
	Available Phosphate, %		5.40	4
	Soluble Potash, %		9.11	8
	Sulfur, %		3.13	2.2
Scotts Miracle Gro Marysville, OH				
Miracle Gro All Purpose 15-30-15			04N-04068	
	Commercial Value		126.	120
	Overall Index Value		105.	100
	Total Nitrogen, %		15.29	15
	Available Phosphate, %		32.33	30
	Soluble Potash, %		15.59	15

Manufacturer Product	Analyte	Found	Claim	
Miracle Gro Food Spikes 6-12-6			04N-04069	
	Commercial Value		50.3	48
	Overall Index Value		105.	100
	Total Nitrogen, %		6.08	6
	Available Phosphate, %		12.73	12
	Soluble Potash, %		6.58	6
Miracid Plant Food 30-10-10			04N-04932	
	Commercial Value		136.	120
	Overall Index Value		113.	100
	Total Nitrogen, %		33.13	30
	Available Phosphate, %		11.10	10
	Soluble Potash, %		14.33	10
Miracid 30-10-10			04N-05422	
	Commercial Value		125.	120
	Overall Index Value		104.	100
	Total Nitrogen, %		30.60	30
	Available Phosphate, %		11.15	10
	Soluble Potash, %		11.21	10
Miracle Gro Nursery Select Starter Food			04N-05488	
	Commercial Value		88.6	82
	Overall Index Value		108.	100
	Total Nitrogen, %		19.97	19
	Available Phosphate, %		7.54	6
	Soluble Potash, %		13.61	13
Miracle Gro Quick Start 4-12-4			04N-05523	
	Commercial Value		42.9	40
	Overall Index Value		107.	100
	Total Nitrogen, %		4.34	4
	Available Phosphate, %		12.76	12
	Soluble Potash, %		4.35	4
Miracle-Gro Pro Select Exclusive Formula 20-20-20			04N-05575	
	Commercial Value		123.	90
	Overall Index Value		102.	100
	Total Nitrogen, %		20.46	20
	Available Phosphate, %		20.09	20
	Soluble Potash, %		21.16	20
Miracle-Gro Water Soluble Lawn Food 36-6-6			04N-05627	
	Commercial Value		129.	109
	Overall Index Value		102.	100
	Total Nitrogen, %		36.66	36
	Available Phosphate, %		6.16	6
	Soluble Potash, %		6.34	6
Miracle Gro Pour and Feed Plant Food			04N-06127	
	Commercial Value		0.6	0.12
	Overall Index Value		539.	100
	Total Nitrogen, %		0.17	0.02
	Available Phosphate, %		0.03	0.02
	Soluble Potash, %		0.07	0.02
Liquid Houseplant Food 8-7-6			04N-06782	
	Commercial Value		47.0	44
	Overall Index Value		107.	100
	Total Nitrogen, %		8.42	8
	Available Phosphate, %		7.71	7
	Soluble Potash, %		6.33	6

Manufacturer Product	Analyte	Found	Claim		
Miracle-Gro	Azalea Camellia Rhododendron Plant Food		04N-10338		
		Commercial Value	114.	120	
		Overall Index Value	95.1	100	
		DEFICIENT			
		Total Nitrogen, %	30.94	30	
		Available Phosphate, %	10.65	10	
		Soluble Potash, %	11.56	10	
	Miracle Gro Liquid	All Purpose Plant Food 12-4-8		04N-10751	
			Commercial Value	44.9	52
			Overall Index Value	86.3	100
		DEFICIENT			
		Total Nitrogen, %	12.13	12	
		Available Phosphate, %	4.25	4	
Miracle Gro Liquid	Miracle Gro Liquid		04N-17580		
		Commercial Value	51.8	52	
		Overall Index Value	99.5	100	
		Total Nitrogen, %	11.62	12	
		Available Phosphate, %	4.24	4	
		Soluble Potash, %	8.42	8	
Scotts Sierra Horticulture					
Marysville, OH					
Outdoor & Indoor Plant Food	Outdoor & Indoor Plant Food		04N-00627		
		Commercial Value	85.1	81	
		Overall Index Value	105.	100	
		Total Nitrogen, %	19.67	19	
		Available Phosphate, %	6.49	6	
		Soluble Potash, %	13.09	12	
	Osmocote Outdoor & Indoor Plant Food 19-6-12	Osmocote Outdoor & Indoor Plant Food 19-6-12		04N-05323	
			Commercial Value	85.4	81
			Overall Index Value	105.	100
			Total Nitrogen, %	19.67	19
		Available Phosphate, %	6.63	6	
		Soluble Potash, %	13.08	12	
Osmocote Slow Release Plant Food Indoor/Outdoor	Osmocote Slow Release Plant Food Indoor/Outdoor		04N-05489		
		Commercial Value	86.5	81	
		Overall Index Value	107.	100	
		Total Nitrogen, %	19.88	19	
		Available Phosphate, %	6.96	6	
		Soluble Potash, %	12.94	12	
Osmocote Slow Release Vegetable and Bedding Plant	Osmocote Slow Release Vegetable and Bedding Plant		04N-05491		
		Commercial Value	84.2	84	
		Overall Index Value	100.	100	
		Total Nitrogen, %	13.92	14	
		Available Phosphate, %	14.29	14	
		Soluble Potash, %	13.89	14	
Osmocote Outdoor/Indoor	Osmocote Outdoor/Indoor		04N-17578		
		Commercial Value	83.4	78	
		Overall Index Value	107.	100	
		Total Nitrogen, %	19.28	18	
		Available Phosphate, %	6.40	6	
		Soluble Potash, %	12.73	12	

Manufacturer Product	Analyte	Found	Claim
Scotts The Lawn People Marysville, OH			
	Scott's Lawn Fertilizer with 2% Iron		04N-10362
	Commercial Value	118.	108
	Iron, %	2.06	2
	Overall Index Value	109.	100
	Total Nitrogen, %	34.60	31
	Available Phosphate, %	2.83	3
	Soluble Potash, %	8.68	9
	Sulfur, %	3.76	3.5
SD Wheat Growers Wolsey, SD			
	Dry Bulk Fertilizer 11-52-0		04N-04831
	Commercial Value	137.	137
	Overall Index Value	99.9	100
	Total Nitrogen, %	11.09	11
	Available Phosphate, %	51.79	52
	Dry Bulk Fertilizer 11-52-0		04N-04910
	Commercial Value	137.	137
	Overall Index Value	100.	100
	Total Nitrogen, %	11.08	11
	Available Phosphate, %	51.97	52
	Dry Bulk Fertilizer 21-0-0-24		04N-04936
	Total Nitrogen, %	21.18	21
	Sulfur, %	24.18	24
	Dry Bulk Fertilizer 46-0-0		04N-07460
	Total Nitrogen, %	46.73	46
	Dry Bulk Fertilizer 11-52-0		04N-07461
	Commercial Value	137.	137
	Overall Index Value	100.	100
	Total Nitrogen, %	10.96	11
	Available Phosphate, %	52.11	52
	Dry Bulk Fertilizer 21-0-0-24(S)		04N-07462
	Total Nitrogen, %	21.03	21
	Sulfur, %	23.56	24
	Dry Bulk Fertilizer 18-46-0		04N-07464
	Commercial Value	145.	146
	Overall Index Value	99.6	100
	Total Nitrogen, %	17.70	18
	Available Phosphate, %	46.13	46
	Dry Bulk Fertilizer 11-52-0		04N-07466
	Commercial Value	137.	137
	Overall Index Value	99.8	100
	Total Nitrogen, %	10.75	11
	Available Phosphate, %	52.22	52
SD Wheatgrowers Assn Aberdeen, SD			
	Custom Dry Bulk Fertilizer 40.8-8.5-0		04N-05922
	Commercial Value	142.	139.45
	Overall Index Value	102.	100
	Total Nitrogen, %	41.07	40.83
	Available Phosphate, %	9.51	8.48

Manufacturer Product	Analyte	Found	Claim	
	Custom Dry Bulk Fertilizer 30.41-15.20-0-(S)6.08		04N-05923	
	Commercial Value		125.	121.63
	Overall Index Value		103.	100
	Total Nitrogen, %		29.89	30.41
	Available Phosphate, %		17.53	15.2
	Sulfur, %		6.33	6.08
	Custom Dry Bulk Fertilizer 35.6-17.2-0		04N-05924	
	Commercial Value		142.	140.97
	Overall Index Value		101.	100
	Total Nitrogen, %		35.99	35.55
	Available Phosphate, %		16.93	17.16
	Dry Bulk Fertilizer 11-52-0		04N-05925	
	Commercial Value		138.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.46	11
	Available Phosphate, %		51.73	52
	Dry Bulk Fertilizer 0-0-60		04N-05926	
	Soluble Potash, %		59.56	60
	Dry Bulk Fertilizer 46-0-0		04N-05927	
	Total Nitrogen, %		46.69	46
	** Custom Dry Bulk Fertilizer 8.3-39-15		04N-05928	
	Commercial Value		126.	117.75
	Overall Index Value		107.	100
	Total Nitrogen, %		9.68	8.25
	Available Phosphate, %		43.73	39
	Soluble Potash, %		9.52	15
	DEFICIENT			
	** Custom Dry Bulk Fertilizer 28.59-28.59-0		04N-05929	
	Commercial Value		145.	142.95
	Overall Index Value		101.	100
	Total Nitrogen, %		23.44	28.59
	DEFICIENT			
	Available Phosphate, %		37.34	28.59
SD Wheatgrowers Assn				
Bristol, SD				
	Custom Dry Bulk Fertilizer 35.26-17.63-0		04N-05013	
	Commercial Value		144.	141.04
	Overall Index Value		102.	100
	Total Nitrogen, %		36.06	35.26
	Available Phosphate, %		18.06	17.63
SD Wheatgrowers Assn				
Huron, SD				
	** Custom Dry Bulk Fertilizer 35.54-6.70-7.74		04N-04909	
	Commercial Value		123.	127.76
	Overall Index Value		96.0	100
	DEFICIENT			
	Total Nitrogen, %		32.52	35.54
	DEFICIENT			
	Available Phosphate, %		6.45	6.7
	Soluble Potash, %		12.89	7.74
	Custom Dry Bulk Fertilizer 36.86-13.56-0		04N-04912	
	Commercial Value		140.	137.7
	Overall Index Value		101.	100
	Total Nitrogen, %		37.49	36.86
	Available Phosphate, %		13.61	13.56
	Custom Dry Bulk Fertilizer 31.72-8.25-11.42		04N-04913	
	Commercial Value		123.	123.08
	Overall Index Value		99.9	100
	Total Nitrogen, %		30.88	31.72
	Available Phosphate, %		8.58	8.25
	Soluble Potash, %		13.17	11.42

Manufacturer Product	Analyte	Found	Claim	
	** Custom Dry Bulk Fertilizer 30.17-5.94-15.43		04N-04914	
		Commercial Value	114.	117.82
		Overall Index Value	96.5	100
		DEFICIENT		
		Total Nitrogen, %	27.54	30.17
		DEFICIENT		
		Available Phosphate, %	5.78	5.94
		Soluble Potash, %	19.75	15.43
	** Custom Dry Bulk Fertilizer 6.31-29.87-25.53		04N-04915	
		Commercial Value	96.0	104.2
		Overall Index Value	92.2	100
		DEFICIENT		
		Total Nitrogen, %	5.36	6.31
		DEFICIENT		
		Available Phosphate, %	24.54	29.87
	DEFICIENT			
	Soluble Potash, %	31.60	25.53	
** Custom Dry Bulk Fertilizer 17.36-42.54-0		04N-04916		
	Commercial Value	138.	137.16	
	Overall Index Value	100.	100	
	Total Nitrogen, %	18.68	17.36	
	Available Phosphate, %	41.01	42.54	
	DEFICIENT			
** Custom Dry Bulk Fertilizer 26.86-13.56-13.04		04N-04917		
	Commercial Value	109.	120.74	
	Overall Index Value	90.3	100	
	DEFICIENT			
	Total Nitrogen, %	22.88	26.86	
	DEFICIENT			
	Available Phosphate, %	10.78	13.56	
	DEFICIENT			
	Soluble Potash, %	19.49	13.04	
Custom Dry Bulk Fertilizer 28.15-16-9.23		04N-04918		
	Commercial Value	125.	125.68	
	Overall Index Value	99.3	100	
	Total Nitrogen, %	27.58	28.15	
	Available Phosphate, %	16.10	16	
	Soluble Potash, %	9.85	9.23	
** Custom Dry Bulk Fertilizer 29.95-17.33-5.71		04N-04919		
	Commercial Value	125.	130.22	
	Overall Index Value	95.8	100	
	DEFICIENT			
	Total Nitrogen, %	28.19	29.95	
	DEFICIENT			
	Available Phosphate, %	15.32	17.33	
	DEFICIENT			
	Soluble Potash, %	8.69	5.71	
Simplot (JR) Company				
Boise, ID				
	Dry Bulk Fertilizer 11-52-0		04N-08104	
		Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	11.18	11
		Available Phosphate, %	51.56	52
Southwest Grain				
Lemmon, SD				
	Custom Dry Bulk Fertilizer 31.61-11.86-7.89		04N-05951	
		Commercial Value	126.	126.44
		Overall Index Value	99.5	100
		Total Nitrogen, %	31.47	31.61
		Available Phosphate, %	11.73	11.86
		Soluble Potash, %	7.92	7.89

Manufacturer Product	Analyte	Found	Claim
Spectrum Group-Div of United Industries St. Louis, MO			
	Peters All Purpose Plant Food		04N-04193
	Commercial Value	123.	120
	Overall Index Value	102.	100
	Total Nitrogen, %	20.49	20
	Available Phosphate, %	20.43	20
	Soluble Potash, %	20.38	20
Swiss Farm Products, Inc. Las Vegas, NV			
	K-Gro Tomato Food 18-18-21		04N-05524
	Commercial Value	112.	111
	Overall Index Value	101.	100
	Total Nitrogen, %	18.62	18
	Available Phosphate, %	18.00	18
	Soluble Potash, %	20.51	21
Tabor Lumber Coop Lesterville Lesterville, SD			
	Custom Dry Bulk Fertilizer 35.83-10.24-5.14		04N-05592
	Commercial Value	123.	133.11
	Overall Index Value	102.	100
	Total Nitrogen, %	36.92	35.83
	Available Phosphate, %	9.82	10.24
	Soluble Potash, %	5.09	5.14
Terra Nitrogen Corp Sioux City, IA			
	Nitrogen Fertilizer Solution 32-0-0		04N-00715
	Total Nitrogen, %	32.16	32
	Liquid Bulk Fertilizer 28-0-0		04N-04315
	Total Nitrogen, %	28.22	28
	Liquid Bulk Fertilizer 28-0-0		04N-05242
	Total Nitrogen, %	28.05	28
	Liquid Bulk Fertilizer 28-0-0		04N-05416
	Total Nitrogen, %	27.27	28
	Liquid Bulk Fertilizer 28-0-0		04N-05920
	Total Nitrogen, %	27.97	28
	Liquid Bulk Fertilizer 28-0-0		04N-06481
	Total Nitrogen, %	27.80	28
	Liquid Bulk Fertilizer 32-0-0		04N-06483
	Total Nitrogen, %	32.00	32
	Liquid Bulk Fertilizer 28-0-0		04N-11468
	Total Nitrogen, %	28.19	28
Tessengerlo Kerley Inc Phoenix, AZ			
	N-Sure Liquid Fertilizer 28-0-0		04N-06249
	Total Nitrogen, %	28.38	28
Tessengerlo Kerley, Inc. Billings, MT			
	Liquid Bulk Fertilizer 12-0-0-26(S)		04N-09010
	Total Nitrogen, %	11.52	12
	Sulfur, %	26.28	26

Manufacturer Product	Analyte	Found	Claim
The Espoma Co. Millville, NJ			
	Organic Traditions Bone Meal 4-12-0		04N-15733
	Commercial Value	49.4	24
	Overall Index Value	137.	100
	Total Nitrogen, %	5.38	4
	Available Phosphate, %	16.64	12
	** Espoma Plant-tone AP Plant Food 5-3-3		04N-15734
	Calcium, %	6.09	3
	Commercial Value	28.2	27
	Iron, %	1.63	1
	Overall Index Value	117.	100
	Total Nitrogen, %	4.85	5
	Available Phosphate, %	5.70	3
	Soluble Potash, %	2.15	3
	DEFICIENT		
	Sulfur, %	1.02	1
The Ortho Group Marysville, OH			
	** Scotts Green Sweep Lawn Food		04N-05552
	Commercial Value	80.1	82
	Overall Index Value	97.7	100
	DEFICIENT		
	Total Nitrogen, %	26.34	27
	Soluble Potash, %	1.18	1
The Scotts Company Marysville, OH			
	Scotts Flower & Vegetable 10-10-10		04N-07917
	Commercial Value	70.6	60
	Overall Index Value	118.	100
	Total Nitrogen, %	11.53	10
	Available Phosphate, %	11.83	10
	Soluble Potash, %	12.37	10
	Sulfur, %	2.77	2
	Scotts Turf Builder 29-3-4		04N-09121
	Commercial Value	99.3	97
	Iron, %	1.12	1
	Overall Index Value	102.	100
	Total Nitrogen, %	29.37	29
	Available Phosphate, %	3.25	3
	Soluble Potash, %	4.70	4
	Sulfur, %	8.60	7
	27-4-4 Weed & Feed		04N-10363
	Commercial Value	94.4	93
	Overall Index Value	102.	100
	Total Nitrogen, %	27.62	27
	Available Phosphate, %	3.89	4
	Soluble Potash, %	3.76	4
	Sulfur, %	11.86	10.8

Manufacturer Product	Analyte	Found	Claim
Tiger Int. Calgary, Alberta, CN			
	Sulfur Fertilizer 90%		04N-04580
	Arsenic, ug/g (ppm)		<1.0
	Cadmium, ug/g (ppm)		1.8
	Cobalt, ug/g (ppm)		1.4
	Sulfur, %	90.06	90
	Lead, ug/g (ppm)		2.8
	Mercury, ug/g (ppm)		<1.0
	Molybdenum, ug/g (ppm)		1.0
	Nickel, ug/g (ppm)		2.1
	Selenium, ug/g (ppm)		<0.070
	Zinc, ug/g (ppm)		53.0
United Horticultural Supply Fremont, NE			
	Dur-Gro Turf Food 28-2-5		04N-05212
	Commercial Value		96.0
	Overall Index Value		103.
	Total Nitrogen, %	28.80	28
	Available Phosphate, %	2.01	2
	Soluble Potash, %	5.62	5
	Sulfur, %	2.17	2
	Dura Gro Premium Turf Food 26-3-8-S-2		04N-05387
	Commercial Value		95.0
	Overall Index Value		103.
	Total Nitrogen, %	26.14	26
	Available Phosphate, %	3.87	3
	Soluble Potash, %	8.80	8
	Sulfur, %	2.90	2
	** Dura-Gro Turf Food Lawn Fertilizer 28-2-5-S-2		04N-06781
	Commercial Value		88.3
	Overall Index Value		95.0
	DEFICIENT		
	Total Nitrogen, %	26.23	28
	DEFICIENT		
	Available Phosphate, %	1.62	2
	Soluble Potash, %	5.21	5
	Sulfur, %	2.82	2
	Triamine Weed & Feed		04N-10333
	Commercial Value		91.5
	Overall Index Value		106.
	Total Nitrogen, %	28.23	25
	Available Phosphate, %	3.39	3
	Soluble Potash, %	4.89	5
United Suppliers Marion, SD			
	Dry Bulk Fertilizer 46-0-0		04N-06242
	Total Nitrogen, %	46.71	46
United Suppliers Inc. Eldora, IA			
	Liquid Bulk Fertilizer 28-0-0		04N-09129
	Total Nitrogen, %	28.29	28

Manufacturer Product	Analyte	Found	Claim	
Valley Ag Supply Gayville, SD				
	Custom Dry Bulk Fertilizer 30.8-14.3-7.17		04N-04140	
	Commercial Value		128.	128
	Overall Index Value		102.	100
	Total Nitrogen, %		30.93	30.8
	Available Phosphate, %		15.00	14.3
	Soluble Potash, %		7.28	7.17
Valley Springs Farmers Coop Valley Springs, SD				
	Custom Dry Bulk Fertilizer 9-23-30		04N-05417	
	Commercial Value		108.	103
	Overall Index Value		105.	100
	Total Nitrogen, %		9.88	9
	Available Phosphate, %		24.24	23
	Soluble Potash, %		30.04	30
	** Custom Dry Bulk Fertilizer 33.38-10.64-8.01		04N-05426	
	Commercial Value		128.	129.43
	Overall Index Value		98.9	100
	Total Nitrogen, %		30.52	33.38
	DEFICIENT			
	Available Phosphate, %		13.48	10.64
	Soluble Potash, %		10.35	8.01
	Dry Bulk Fertilizer 46-0-0		04N-05428	
	Total Nitrogen, %		46.57	46
	Dry Custom Fertilizer 27.8-14.4-12.8		04N-20167	
	Commercial Value		127.	125
	Overall Index Value		102.	100
	Total Nitrogen, %		27.72	27.8
	Available Phosphate, %		15.38	14.4
	Soluble Potash, %		13.23	12.8
	Dry Custom Fertilizer 9-23-30		04N-20170	
	Commercial Value		104.	103
	Overall Index Value		101.	100
	Total Nitrogen, %		8.45	9
	Available Phosphate, %		23.09	23
	Soluble Potash, %		31.98	30
Volga Ag Center Bruce, SD				
	** Custom Dry Bulk Fertilizer 5.5-26-30		04N-04811	
	Commercial Value		106.	98.5
	Overall Index Value		108.	100
	Total Nitrogen, %		6.85	5.5
	Available Phosphate, %		30.50	26
	Soluble Potash, %		24.42	30
	DEFICIENT			
Volga Ag Service Volga, SD				
	** Custom Dry Bulk Fertilizer 33.69-20.21-0		04N-04808	
	Commercial Value		137.	141.49
	Overall Index Value		96.9	100
	DEFICIENT			
	Total Nitrogen, %		31.47	33.69
	DEFICIENT			
	Available Phosphate, %		21.54	20.21

Manufacturer Product	Analyte	Found	Claim	
Voluntary Purchasing Group Bonham, TX				
	Fertilome Blooming and Rooting Soluble Plant Food		04N-05490	
	Commercial Value		154.	153
	Overall Index Value		101.	100
	Total Nitrogen, %		9.39	9
	Available Phosphate, %		58.81	59
	Soluble Potash, %		8.20	8
Voluntary Purchasing Groups Bonham, TX				
	Ferti-Lome Blooming & Rooting Soluble Plant Food		04N-05322	
	Commercial Value		154.	153
	Overall Index Value		101.	100
	Total Nitrogen, %		9.23	9
	Available Phosphate, %		59.05	59
	Soluble Potash, %		8.31	8
	** Hi-Yield Bone Meal 0-10-0		04N-05420	
	Available Phosphate, %		8.09	10
	DEFICIENT			
Voluntary Purchasing Groups, Inc. Bonham, TX				
	Hi Yield Copperas		04N-15730	
	Iron, %		19.05	19
	Sulfur, %		12.35	11
Watertown Coop Elevator Webster, SD				
	Custom Dry Bulk Fertilizer 34.8-18.4-0		04N-05010	
	Commercial Value		145.	141.2
	Overall Index Value		103.	100
	Total Nitrogen, %		36.60	34.8
	Available Phosphate, %		17.70	18.4
West Central Inc. Brooten, MN				
	Dry Bulk Fertilizer 0-0-60		04N-05140	
	Soluble Potash, %		60.78	60
West Central Inc. St. Paul, MN				
	Dry Bulk Fertilizer 18-46-0		04N-05139	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		18.01	18
	Available Phosphate, %		46.11	46
	Dry Bulk Fertilizer 18-46-0		04N-05577	
	Commercial Value		145.	146
	Overall Index Value		99.1	100
	Total Nitrogen, %		17.98	18
	Available Phosphate, %		45.37	46
	Dry Bulk Fertilizer 46-0-0		04N-05578	
	Total Nitrogen, %		46.76	46
West Central Inc. Willmar, MN				
	Dry Bulk Fertilizer 18-46-0		04N-05017	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.30	18
	Available Phosphate, %		46.23	46

Manufacturer Product	Analyte	Found	Claim	
	Dry Bulk Fertilizer 46-0-0		04N-05138	
	Total Nitrogen, %		46.62	46
	Dry Bulk Fertilizer 46-0-0		04N-17363	
	Total Nitrogen, %		46.24	46
	Dry Bulk Fertilizer 18-46-0		04N-17364	
	Commercial Value		145.	146
	Overall Index Value		99.3	100
	Total Nitrogen, %		17.90	18
	Available Phosphate, %		45.63	46
Western Consolidated Coop				
Holloway, MN				
	Dry Bulk Fertilizer 18-46-0		04N-05008	
	Commercial Value		147.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		18.10	18
	Available Phosphate, %		46.13	46
	Dry Bulk Fertilizer 46-0-0		04N-05009	
	Total Nitrogen, %		45.16	46
	Dry Bulk Fertilizer 18-46-0		04N-06504	
	Commercial Value		146.	146
	Overall Index Value		99.7	100
	Total Nitrogen, %		17.74	18
	Available Phosphate, %		46.16	46
	Dry Bulk Fertilizer 46-0-0		04N-06505	
	Total Nitrogen, %		46.75	46
Western Consolidated Coop				
Milbank, SD				
	Custom Dry Bulk Fertilizer 35.03-18.01-0		04N-05007	
	Commercial Value		143.	141.11
	Overall Index Value		101.	100
	Total Nitrogen, %		35.18	35.03
	Available Phosphate, %		18.63	18.01
Winona River & Rail				
Winona, MN				
	Dry Bulk Fertilizer 11-52-0		04N-04219	
	Commercial Value		139.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.11	11
	Available Phosphate, %		52.73	52

SECTION C:

REGULATORY

ANALYTE

TOTALS

Regulatory Analyte Totals

Fertilizers Samples	Units	Received From 1/1/2004 To 12/31/2004
Arsenic	ug/g (ppm)	24
Boron	mg/L (ppm)	1
Cadmium	ug/g (ppm)	24
Cobalt	ug/g (ppm)	24
Calcium	%	7
Chlorine	%	6
Commercial Value		283
Iron	%	11
Overall Index Value		283
Magnesium	%	3
Total Nitrogen	%	409
pH		1
Available Phosphate	%	280
Soluble Potash	%	177
Sulfur	%	56
Zinc	%	7
Lead	ug/g (ppm)	24
Mercury	ug/g (ppm)	24
Vacuum Moisture	%	1
Molybdenum	ug/g (ppm)	24
Nickel	ug/g (ppm)	24
Selenium	ug/g (ppm)	24
Zinc	ug/g (ppm)	24

SECTION D:

FERTILIZER

TONNAGE

SUMMARY

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2004 To December, 2004

Grades with 0 tons or more and reported by 1 or more shippers.

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	0-0-0	10.49	0.00	10.49	0.00	10.49	0.00
0	0-0-1	9.91	9.91	0.00	0.00	0.00	9.91
0	0-0-7	2.50	2.50	0.00	0.00	0.00	2.50
0	0-0-10	0.57	0.57	0.00	0.00	0.00	0.57
0	0-0-13	0.50	0.50	0.00	0.00	0.00	0.50
0	0-0-22	54.20	0.00	54.20	0.00	54.20	0.00
0	0-0-25	53.24	0.00	0.00	53.24	41.00	12.24
0	0-0-30	5.35	1.23	0.00	4.12	4.12	1.23
0	0-0-32	63.00	0.00	0.00	63.00	63.00	0.00
0	0-0-45	1.05	1.05	0.00	0.00	0.00	1.05
0	0-0-50	28.68	0.00	28.68	0.00	28.68	0.00
0	0-0-61	156.00	0.00	156.00	0.00	156.00	0.00
0	0-0-62.4	30.00	0.00	30.00	0.00	30.00	0.00
0	0-3-2	411.00	0.00	0.00	411.00	411.00	0.00
0	0-45-0	108.00	0.00	108.00	0.00	108.00	0.00
0	0-52-0	164.82	0.00	164.82	0.00	164.82	0.00
0	0-52-34	45.78	45.78	0.00	0.00	45.78	0.00
0	0.02-0.02-0.	0.34	0.00	0.00	0.34	0.00	0.34
0	0.027-0.023	10,220.00	0.00	10,220.00	0.00	10,220.00	0.00
0	0.027-0.027	0.48	0.48	0.00	0.00	0.00	0.48
0	0.04-0.01-0.	1.44	1.44	0.00	0.00	0.00	1.44
0	0.04-0.06-0.	0.69	0.00	0.00	0.69	0.00	0.69
0	0.05-0.01-0.	9.07	9.07	0.00	0.00	0.00	9.07
0	0.05-0.02-0.	1.35	1.35	0.00	0.00	0.00	1.35
0	0.05-0.05-0.	139.20	139.20	0.00	0.00	0.00	139.20
0	0.05-0.1-0.0	0.93	0.93	0.00	0.00	0.00	0.93
0	0.05-0.5-0	0.28	0.28	0.00	0.00	0.00	0.28
0	0.06-0.09-0.	1.63	1.63	0.00	0.00	0.00	1.63
0	0.07-0.01-0.	2.17	2.17	0.00	0.00	0.00	2.17
0	0.07-0.14-0.	0.76	0.76	0.00	0.00	0.00	0.76

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2004 To December, 2004

Grades with 0 tons or more and reported by 1 or more shippers.

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	0.08-0.05-0.	45.00	45.00	0.00	0.00	0.00	45.00
0	0.08-0.12-0.	111.10	111.10	0.00	0.00	0.00	111.10
0	0.08-0.14-0.	2.20	2.20	0.00	0.00	0.00	2.20
0	0.1-0.05-0.1	162.50	162.50	0.00	0.00	0.00	162.50
0	0.1-0.1-0.1	1.00	1.00	0.00	0.00	0.00	1.00
0	0.12-22-14	76.00	76.00	0.00	0.00	0.00	76.00
0	0.13-0.04-0.	7.08	7.08	0.00	0.00	0.00	7.08
0	0.14-0.14-0.	599.38	599.38	0.00	0.00	0.00	599.38
0	0.15-0.05-0.	2.40	2.40	0.00	0.00	0.00	2.40
0	0.18-0.01-0.	100.00	100.00	0.00	0.00	0.00	100.00
0	0.18-0.1-0.1	45.66	45.66	0.00	0.00	0.00	45.66
0	0.18-0.12-0.	0.72	0.72	0.00	0.00	0.00	0.72
0	0.18-0.14-0.	1.80	1.80	0.00	0.00	0.00	1.80
0	0.2-0.2-0.2	0.19	0.00	0.00	0.19	0.00	0.19
0	0.21-0.07-0.	62.32	62.32	0.00	0.00	0.00	62.32
0	1-1-4	0.10	0.00	0.00	0.10	0.00	0.10
0	1-11-0	0.08	0.08	0.00	0.00	0.00	0.08
0	1.3-0.35-0	382.29	0.00	382.29	0.00	382.29	0.00
0	1.3-0.5-1.1	750.00	0.00	750.00	0.00	0.00	750.00
0	1.5-0.05-1	297.14	0.00	297.14	0.00	0.00	297.14
0	2-0-10	368.40	0.00	0.00	368.40	0.00	368.40
0	2-1-1	25.00	0.00	0.00	25.00	25.00	0.00
0	2-1-6	170.00	0.00	0.00	170.00	170.00	0.00
0	2-2-2	0.04	0.04	0.00	0.00	0.04	0.00
0	2-3-0	0.05	0.00	0.00	0.05	0.00	0.05
0	2-3-1	0.14	0.00	0.00	0.14	0.00	0.14
0	2-3-2	34.00	0.00	0.00	34.00	34.00	0.00
0	2-4-1	23.52	0.00	0.00	23.52	0.00	23.52
0	2-5-1	9.62	0.00	0.00	9.62	9.62	0.00
0	2-5-2	1.15	0.00	0.00	1.15	0.00	1.15

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2004 To December, 2004

Grades with 0 tons or more and reported by 1 or more shippers.

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	2-7-7	0.05	0.00	0.00	0.05	0.00	0.05
0	2-10-0	0.07	0.00	0.07	0.00	0.00	0.07
0	3-1-1	0.10	0.00	0.00	0.10	0.00	0.10
0	3-1-2	56.00	0.00	56.00	0.00	56.00	0.00
0	3-1-5	0.10	0.00	0.00	0.10	0.00	0.10
0	3-4-1	19.90	19.90	0.00	0.00	0.00	19.90
0	3-5-3	0.05	0.05	0.00	0.00	0.00	0.05
0	3-6-0	2.00	2.00	0.00	0.00	0.00	2.00
0	3-9-27	53.00	0.00	0.00	53.00	53.00	0.00
0	3-10-30	4.44	0.00	4.44	0.00	0.00	4.44
0	3-14-43	11.53	0.00	11.53	0.00	11.53	0.00
0	3-17-40	54.99	0.00	0.00	54.99	54.99	0.00
0	3-18-18	1,097.59	0.00	305.00	792.59	1,082.05	15.54
0	4-0-0	0.16	0.16	0.00	0.00	0.00	0.16
0	4-0-10	1.00	1.00	0.00	0.00	0.00	1.00
0	4-1-1	20.00	0.00	20.00	0.00	20.00	0.00
0	4-2-8	1.00	1.00	0.00	0.00	0.00	1.00
0	4-3-2	78.22	0.00	78.22	0.00	78.22	0.00
0	4-4-2	0.03	0.03	0.00	0.00	0.00	0.03
0	4-6-4	0.50	0.50	0.00	0.00	0.00	0.50
0	4-8-4	3,321.96	0.00	0.00	3,321.96	3,170.36	151.60
0	4-10-10	667.83	0.00	0.00	667.83	667.83	0.00
0	4-12-0	0.20	0.20	0.00	0.00	0.00	0.20
0	4-12-4	2.26	0.00	0.00	2.26	0.00	2.26
0	4-16-8	0.02	0.00	0.00	0.02	0.00	0.02
0	4-22-11	11.81	0.00	11.81	0.00	11.81	0.00
0	5-3-3	0.05	0.05	0.00	0.00	0.00	0.05
0	5-5-3	0.16	0.16	0.00	0.00	0.00	0.16
0	5-5-10	15.00	15.00	0.00	0.00	0.00	15.00
0	5-10-5	1.52	0.16	0.00	1.36	0.00	1.52

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2004 To December, 2004

Grades with 0 tons or more and reported by 1 or more shippers.

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	5-10-31	4.00	4.00	0.00	0.00	4.00	0.00
0	5-12-0	1.08	1.08	0.00	0.00	0.00	1.08
0	5-15-15	50.00	0.00	0.00	50.00	50.00	0.00
0	5-24-24	11.99	0.00	11.99	0.00	11.99	0.00
0	5-27-9	10.53	0.00	0.00	10.53	10.53	0.00
0	5-30-5	0.60	0.00	0.00	0.60	0.00	0.60
0	6-0-0	3.72	3.72	0.00	0.00	3.72	0.00
0	6-0-1	0.16	0.00	0.00	0.16	0.16	0.00
0	6-2-0	48.63	48.63	0.00	0.00	0.00	48.63
0	6-4-3	0.50	0.00	0.00	0.50	0.50	0.00
0	6-6-8	0.01	0.01	0.00	0.00	0.00	0.01
0	6-8-10	0.08	0.08	0.00	0.00	0.00	0.08
0	6-12-0	1.86	1.86	0.00	0.00	0.00	1.86
0	6-12-6	0.22	0.22	0.00	0.00	0.00	0.22
0	6-12-12	4.68	4.68	0.00	0.00	0.00	4.68
0	6-24-6	449.35	0.00	53.04	396.31	449.35	0.00
0	6-32-0	10.48	0.00	10.48	0.00	10.48	0.00
0	7-0-0	706.16	0.00	0.00	706.16	274.70	431.46
0	7-3-8	0.00	0.00	0.00	0.00	0.00	0.00
0	7-7-7	0.06	0.06	0.00	0.00	0.00	0.06
0	7-17-2	1.20	0.00	0.00	1.20	1.20	0.00
0	7-17-3	0.08	0.00	0.00	0.08	0.08	0.00
0	7-21-7	1,085.51	0.00	79.19	1,006.32	1,085.51	0.00
0	7-25-5	233.83	0.00	0.00	233.83	233.83	0.00
0	7-34-6	37.74	0.00	37.74	0.00	37.74	0.00
0	7-35-6	15.95	0.00	15.95	0.00	15.95	0.00
0	7.15-15-7.5	0.27	0.00	0.00	0.27	0.27	0.00
0	8-0-0	40.63	0.67	0.00	39.96	39.96	0.67
0	8-4-4	0.06	0.06	0.00	0.00	0.00	0.06
0	8-7-6	0.94	0.00	0.00	0.94	0.00	0.94

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2004 To December, 2004

Grades with 0 tons or more and reported by 1 or more shippers.

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	8-10-20	0.05	0.05	0.00	0.00	0.05	0.00
0	8-14-9	0.10	0.00	0.00	0.10	0.00	0.10
0	8-16-8	0.05	0.00	0.00	0.05	0.00	0.05
0	8-16-16	6.00	6.00	0.00	0.00	0.00	6.00
0	8-18-5	8.23	0.00	8.23	0.00	0.00	8.23
0	8-19-3	3.63	0.00	0.00	3.63	3.63	0.00
0	8-20-4	590.25	0.00	262.00	328.25	590.25	0.00
0	8-20-5	1,020.93	0.00	251.18	769.75	1,020.93	0.00
0	8-21-4	343.60	0.00	0.00	343.60	343.60	0.00
0	8-24-0	5.65	0.00	5.65	0.00	0.00	5.65
0	8-32-16	63.00	0.00	63.00	0.00	63.00	0.00
0	9-0-0	558.50	0.00	82.00	476.50	82.00	476.50
0	9-6-6	0.15	0.15	0.00	0.00	0.00	0.15
0	9-9-6	0.93	0.93	0.00	0.00	0.00	0.93
0	9-11-9	66.81	0.00	0.00	66.81	66.81	0.00
0	9-14-9	0.10	0.10	0.00	0.00	0.00	0.10
0	9-15-35	5.00	5.00	0.00	0.00	5.00	0.00
0	9-15-36	1.18	1.18	0.00	0.00	1.18	0.00
0	9-17-9	56.03	56.03	0.00	0.00	0.00	56.03
0	9-18-9	1,235.09	0.11	20.23	1,214.74	931.17	303.92
0	9-18-18	0.85	0.85	0.00	0.00	0.00	0.85
0	9-22-16	28.98	28.98	0.00	0.00	0.00	28.98
0	9-23-14	5.63	5.63	0.00	0.00	0.00	5.63
0	9-24-3	1,701.00	0.00	0.00	1,701.00	1,701.00	0.00
0	9-45-15	2.00	2.00	0.00	0.00	0.00	2.00
0	10-0-0	422.00	0.00	0.00	422.00	422.00	0.00
0	10-0-14	0.58	0.58	0.00	0.00	0.00	0.58
0	10-6-8	0.23	0.23	0.00	0.00	0.00	0.23
0	10-10-5	0.05	0.00	0.00	0.05	0.00	0.05
0	10-10-10	216.29	216.25	0.00	0.04	8.00	208.29

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2004 To December, 2004

Grades with 0 tons or more and reported by 1 or more shippers.

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	10-12-10	0.84	0.84	0.00	0.00	0.00	0.84
0	10-12-12	1.49	1.34	0.00	0.15	0.00	1.49
0	10-13-13	1.00	1.00	0.00	0.00	0.00	1.00
0	10-15-10	1.18	0.00	0.00	1.18	0.00	1.18
0	10-15-15	2.05	2.05	0.00	0.00	0.00	2.05
0	10-16-10	0.01	0.01	0.00	0.00	0.00	0.01
0	10-18-18	1.13	1.13	0.00	0.00	0.00	1.13
0	10-18-22	6.00	6.00	0.00	0.00	3.00	3.00
0	10-20-10	23.00	0.00	0.00	23.00	23.00	0.00
0	10-20-20	1.13	1.13	0.00	0.00	0.00	1.13
0	10-20-26	14.00	14.00	0.00	0.00	0.00	14.00
0	10-24-10	0.35	0.35	0.00	0.00	0.00	0.35
0	10-28-0	81.59	0.00	0.00	81.59	81.59	0.00
0	10-30-0	1,371.74	0.00	809.00	562.74	1,371.74	0.00
0	10-50-10	0.72	0.47	0.00	0.25	0.00	0.72
0	10-52-10	5.06	5.06	0.00	0.00	0.00	5.06
0	10-54-10	0.42	0.42	0.00	0.00	0.00	0.42
0	10-60-10	0.73	0.73	0.00	0.00	0.00	0.73
0	11-5-7	2.00	2.00	0.00	0.00	0.00	2.00
0	11-7-7	0.79	0.79	0.00	0.00	0.00	0.79
0	11-9-6	390.00	3.00	387.00	0.00	390.00	0.00
0	11-23-10	0.51	0.51	0.00	0.00	0.51	0.00
0	11-28-18	2.22	2.22	0.00	0.00	0.00	2.22
0	11-30-60	7.84	0.00	7.84	0.00	0.00	7.84
0	11-36-0	66.85	0.00	66.85	0.00	66.85	0.00
0	12-0-0	21.29	3.39	0.00	17.90	17.90	3.39
0	12-0-24	1.00	1.00	0.00	0.00	0.00	1.00
0	12-4-8	2.65	1.39	0.00	1.27	0.00	2.65
0	12-5-3	3.25	3.25	0.00	0.00	0.00	3.25
0	12-5-7	0.02	0.02	0.00	0.00	0.00	0.02

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
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Grades with 0 tons or more and reported by 1 or more shippers.

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	12-6-6	1.00	0.00	0.00	1.00	0.00	1.00
0	12-6-12	2.45	2.45	0.00	0.00	0.00	2.45
0	12-6-55	0.03	0.03	0.00	0.00	0.00	0.03
0	12-8-10	0.93	0.93	0.00	0.00	0.00	0.93
0	12-10-5	0.08	0.08	0.00	0.00	0.00	0.08
0	12-12-12	63.03	63.03	0.00	0.00	6.25	56.78
0	12-16-4	1.20	1.20	0.00	0.00	0.00	1.20
0	12-18-6	0.53	0.53	0.00	0.00	0.00	0.53
0	12-22-10	28.70	0.00	28.70	0.00	28.70	0.00
0	12-24-6	6.48	6.48	0.00	0.00	0.00	6.48
0	12-24-12	0.28	0.25	0.03	0.00	0.03	0.25
0	12-28-12	6.25	6.25	0.00	0.00	6.25	0.00
0	12-36-14	0.01	0.00	0.00	0.01	0.00	0.01
0	12-44-10	15.10	15.10	0.00	0.00	0.00	15.10
0	13-0-0	71.26	0.00	0.00	71.26	71.26	0.00
0	13-2-13	5.37	5.37	0.00	0.00	0.00	5.37
0	13-2-26	0.75	0.75	0.00	0.00	0.00	0.75
0	13-3-7	14.60	14.60	0.00	0.00	0.00	14.60
0	13-13-13	8.29	8.29	0.00	0.00	1.35	6.94
0	13-27-14	13.91	0.00	13.91	0.00	13.91	0.00
0	13-33-0	480.92	0.00	480.92	0.00	480.92	0.00
0	14-0-14	2.26	2.26	0.00	0.00	0.00	2.26
0	14-0-28	0.38	0.38	0.00	0.00	0.00	0.38
0	14-3-3	3.30	3.30	0.00	0.00	0.00	3.30
0	14-7-7	0.98	0.98	0.00	0.00	0.00	0.98
0	14-14-14	4.03	4.03	0.00	0.00	0.00	4.03
0	14-14-16	0.06	0.06	0.00	0.00	0.00	0.06
0	14-25-10	0.17	0.17	0.00	0.00	0.17	0.00
0	14-28-10	0.10	0.10	0.00	0.00	0.00	0.10
0	14-30-10	75.00	0.00	75.00	0.00	75.00	0.00

DETAIL FERTILIZER SUMMARY
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 From January, 2004 To December, 2004

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	14-36-13	51.23	0.00	51.23	0.00	51.23	0.00
0	15-0-0	6.28	0.00	0.00	6.28	0.00	6.28
0	15-0-15	27.50	27.50	0.00	0.00	13.50	14.00
0	15-0-29	0.20	0.20	0.00	0.00	0.00	0.20
0	15-2-3	0.32	0.32	0.00	0.00	0.00	0.32
0	15-2-5	0.75	0.75	0.00	0.00	0.00	0.75
0	15-3-5	18.85	18.85	0.00	0.00	4.30	14.55
0	15-5-5	10.00	10.00	0.00	0.00	0.00	10.00
0	15-5-10	22.02	22.02	0.00	0.00	0.00	22.02
0	15-5-13	0.02	0.02	0.00	0.00	0.00	0.02
0	15-7-6	2.00	2.00	0.00	0.00	0.00	2.00
0	15-15-0	8.26	0.00	8.26	0.00	8.26	0.00
0	15-15-15	0.13	0.13	0.00	0.00	0.13	0.00
0	15-17-15	0.06	0.06	0.00	0.00	0.00	0.06
0	15-20-15	0.00	0.00	0.00	0.00	0.00	0.00
0	15-23-10	32.11	32.11	0.00	0.00	0.00	32.11
0	15-25-10	22.00	22.00	0.00	0.00	22.00	0.00
0	15-30-15	39.51	39.51	0.00	0.00	0.00	39.51
0	15.5-0-0	1.58	0.00	1.58	0.00	1.58	0.00
0	16-0-2	3.35	0.00	0.00	3.35	0.00	3.35
0	16-0-8	7.00	7.00	0.00	0.00	0.00	7.00
0	16-4-4	5.00	5.00	0.00	0.00	0.00	5.00
0	16-4-8	8.34	8.34	0.00	0.00	0.00	8.34
0	16-8-3	8.16	0.00	0.00	8.16	0.00	8.16
0	16-8-8	3.00	3.00	0.00	0.00	0.00	3.00
0	16-10-9	8.00	8.00	0.00	0.00	0.00	8.00
0	16-12-12	1.06	1.06	0.00	0.00	0.00	1.06
0	16-20-0	92.41	87.05	5.36	0.00	87.05	5.36
0	16-22-22	1.75	1.75	0.00	0.00	1.75	0.00
0	16-25-12	9.57	9.57	0.00	0.00	0.00	9.57

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2004 To December, 2004

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	17-2-2	252.58	0.00	0.00	252.58	252.58	0.00
0	17-2-5	360.00	0.00	360.00	0.00	360.00	0.00
0	17-3-6	6.00	6.00	0.00	0.00	0.00	6.00
0	17-17-17	0.16	0.16	0.00	0.00	0.00	0.16
0	17-19-29	0.04	0.04	0.00	0.00	0.00	0.04
0	18-0-12	12.00	12.00	0.00	0.00	0.00	12.00
0	18-0-15	22.00	22.00	0.00	0.00	0.00	22.00
0	18-0-18	7.50	7.50	0.00	0.00	0.00	7.50
0	18-2-9	2.00	2.00	0.00	0.00	0.00	2.00
0	18-3-7	0.63	0.63	0.00	0.00	0.00	0.63
0	18-3-12	0.80	0.80	0.00	0.00	0.00	0.80
0	18-3-15	86.00	86.00	0.00	0.00	0.00	86.00
0	18-4-8	4.00	4.00	0.00	0.00	4.00	0.00
0	18-4-18	3.00	3.00	0.00	0.00	3.00	0.00
0	18-5-10	3.40	3.40	0.00	0.00	0.00	3.40
0	18-6-12	24.30	24.30	0.00	0.00	0.00	24.30
0	18-6-15	1.20	1.20	0.00	0.00	0.00	1.20
0	18-8-12	4.28	4.28	0.00	0.00	0.00	4.28
0	18-9-18	20.33	20.33	0.00	0.00	19.00	1.33
0	18-11-16	0.04	0.04	0.00	0.00	0.00	0.04
0	18-12-14	22.68	22.68	0.00	0.00	0.00	22.68
0	18-18-2	278.08	0.00	0.00	278.08	278.08	0.00
0	18-18-18	0.86	0.00	0.86	0.00	0.86	0.00
0	18-18-21	2.26	2.26	0.00	0.00	0.00	2.26
0	18-19-30	0.13	0.13	0.00	0.00	0.00	0.13
0	18-22-6	14.00	14.00	0.00	0.00	0.00	14.00
0	18-22-8	0.02	0.02	0.00	0.00	0.00	0.02
0	18-23-4	3.74	3.74	0.00	0.00	0.00	3.74
0	18-24-6	0.51	0.51	0.00	0.00	0.00	0.51
0	18-24-10	6.30	6.30	0.00	0.00	0.00	6.30

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 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2004 To December, 2004

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0	18-24-12	14.25	14.25	0.00	0.00	4.00	10.25
0	18-24-16	1.64	1.64	0.00	0.00	0.00	1.64
0	18-24-24	0.02	0.02	0.00	0.00	0.00	0.02
0	19-0-7	1.00	1.00	0.00	0.00	0.00	1.00
0	19-3-5	6.00	6.00	0.00	0.00	0.00	6.00
0	19-3-6	67.38	67.38	0.00	0.00	0.00	67.38
0	19-3-8	2.25	2.25	0.00	0.00	0.00	2.25
0	19-3-19	2.00	2.00	0.00	0.00	0.00	2.00
0	19-6-12	7.61	0.06	0.00	7.55	0.00	7.61
0	19-24-24	0.13	0.13	0.00	0.00	0.00	0.13
0	19-28-5	2.00	2.00	0.00	0.00	0.00	2.00
0	19-31-17	0.07	0.00	0.00	0.07	0.00	0.07
0	20-0-0	524.70	0.00	521.65	3.05	520.95	3.75
0	20-1-2	0.26	0.00	0.00	0.26	0.00	0.26
0	20-2-6	11.25	11.25	0.00	0.00	0.00	11.25
0	20-3-3	37.38	37.38	0.00	0.00	0.00	37.38
0	20-3-5	10.00	10.00	0.00	0.00	0.00	10.00
0	20-3-20	1.13	1.13	0.00	0.00	0.00	1.13
0	20-4-8	0.18	0.18	0.00	0.00	0.00	0.18
0	20-4-20	9.00	9.00	0.00	0.00	0.00	9.00
0	20-5-5	4.45	4.45	0.00	0.00	0.00	4.45
0	20-7-5	52.65	52.65	0.00	0.00	0.00	52.65
0	20-10-5	16.90	16.90	0.00	0.00	14.48	2.42
0	20-10-10	4.00	4.00	0.00	0.00	4.00	0.00
0	20-12-8	2.00	2.00	0.00	0.00	2.00	0.00
0	20-14-12	68.53	68.53	0.00	0.00	0.00	68.53
0	20-20-10	1.00	1.00	0.00	0.00	0.00	1.00
0	20-20-20	46.80	24.77	0.00	22.03	32.00	14.80
0	20-27-5	34.32	34.32	0.00	0.00	0.00	34.32
0	20-30-20	0.62	0.29	0.00	0.33	0.00	0.62

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2004 To December, 2004

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0	20.5-0-0	2,329.36	0.00	2,329.36	0.00	2,329.36	0.00
0	21-0-0	10,516.71	138.70	10,378.01	0.00	10,516.71	0.00
0	21-0-20	30.38	30.38	0.00	0.00	0.00	30.38
0	21-3-3	59.55	59.55	0.00	0.00	0.00	59.55
0	21-3-10	0.02	0.02	0.00	0.00	0.00	0.02
0	21-3-20	12.68	12.68	0.00	0.00	0.00	12.68
0	22-0-0	0.80	0.80	0.00	0.00	0.00	0.80
0	22-0-6	12.28	12.28	0.00	0.00	0.00	12.28
0	22-0-7	5.50	5.50	0.00	0.00	5.00	0.50
0	22-0-8	2.00	2.00	0.00	0.00	0.00	2.00
0	22-0-10	7.45	7.45	0.00	0.00	7.45	0.00
0	22-0-22	19.78	19.78	0.00	0.00	6.43	13.35
0	22-1-10	13.00	13.00	0.00	0.00	13.00	0.00
0	22-2-2	0.01	0.01	0.00	0.00	0.00	0.01
0	22-3-3	0.09	0.09	0.00	0.00	0.00	0.09
0	22-3-7	4.00	4.00	0.00	0.00	0.00	4.00
0	22-3-8	17.62	17.62	0.00	0.00	0.00	17.62
0	22-3-11	102.56	102.56	0.00	0.00	0.00	102.56
0	22-3-14	27.90	27.90	0.00	0.00	0.00	27.90
0	22-4-11	30.57	30.57	0.00	0.00	0.00	30.57
0	22-4-14	2.40	2.40	0.00	0.00	0.00	2.40
0	22-5-8	2.08	2.08	0.00	0.00	0.00	2.08
0	23-0-8	36.00	36.00	0.00	0.00	0.00	36.00
0	23-2-10	1.13	1.13	0.00	0.00	0.00	1.13
0	23-3-5	0.56	0.56	0.00	0.00	0.00	0.56
0	23-3-8	117.00	117.00	0.00	0.00	0.00	117.00
0	23-60-50	2.76	0.00	2.76	0.00	0.00	2.76
0	24-0-0	11,916.56	0.00	0.00	11,916.56	6,834.26	5,082.30
0	24-1.5-10	11.00	0.00	11.00	0.00	11.00	0.00
0	24-2-11	3.00	3.00	0.00	0.00	0.00	3.00

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0	24-3-6	0.10	0.10	0.00	0.00	0.00	0.10
0	24-3-11	1.62	1.62	0.00	0.00	0.00	1.62
0	24-3-12	83.40	83.40	0.00	0.00	0.00	83.40
0	24-4-11	0.07	0.07	0.00	0.00	0.00	0.07
0	24-5-10	23.00	23.00	0.00	0.00	23.00	0.00
0	24-5-11	15.38	15.38	0.00	0.00	3.00	12.38
0	24-12-12	0.02	0.02	0.00	0.00	0.00	0.02
0	25-0-8	22.00	22.00	0.00	0.00	0.00	22.00
0	25-0-10	10.00	10.00	0.00	0.00	10.00	0.00
0	25-0-12	0.40	0.40	0.00	0.00	0.00	0.40
0	25-1-2	0.70	0.70	0.00	0.00	0.00	0.70
0	25-2-3	0.05	0.00	0.00	0.05	0.00	0.05
0	25-2-4	8.00	8.00	0.00	0.00	0.00	8.00
0	25-2-5	46.08	46.08	0.00	0.00	9.07	37.00
0	25-2-9	2.25	2.25	0.00	0.00	0.00	2.25
0	25-2-12	12.38	12.38	0.00	0.00	0.00	12.38
0	25-3-3	141.57	141.57	0.00	0.00	5.78	135.79
0	25-3-5	19.38	19.38	0.00	0.00	6.38	13.00
0	25-3-6	4.32	4.32	0.00	0.00	0.00	4.32
0	25-3-8	175.00	175.00	0.00	0.00	0.00	175.00
0	25-3-10	28.13	28.13	0.00	0.00	0.00	28.13
0	25-3-12	16.00	16.00	0.00	0.00	11.00	5.00
0	25-4-8	19.73	19.73	0.00	0.00	6.92	12.80
0	25-5-10	8.00	8.00	0.00	0.00	0.00	8.00
0	25-5-15	307.10	307.10	0.00	0.00	238.10	69.00
0	25-10-0	2.87	0.00	2.87	0.00	0.00	2.87
0	25-15-0	37.71	0.00	37.71	0.00	37.71	0.00
0	26-0-3	7.31	7.31	0.00	0.00	0.00	7.31
0	26-0-4	48.00	48.00	0.00	0.00	0.00	48.00
0	26-0-9	5.76	5.76	0.00	0.00	0.00	5.76

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0	26-2-8	26.52	26.52	0.00	0.00	0.00	26.52
0	26-3-4	241.00	241.00	0.00	0.00	0.00	241.00
0	26-3-6	6.75	6.75	0.00	0.00	0.00	6.75
0	26-3-8	16.56	16.56	0.00	0.00	0.00	16.56
0	26-14-14	54.00	54.00	0.00	0.00	0.00	54.00
0	27-0-0	4,687.00	0.00	0.00	4,687.00	4,687.00	0.00
0	27-0-1	0.83	0.00	0.00	0.83	0.00	0.83
0	27-0-8	16.20	16.20	0.00	0.00	0.00	16.20
0	27-2-2	0.10	0.00	0.00	0.10	0.00	0.10
0	27-3-3	59.00	59.00	0.00	0.00	0.00	59.00
0	27-3-4	52.17	52.17	0.00	0.00	0.00	52.17
0	27-3-11	73.00	73.00	0.00	0.00	0.00	73.00
0	27-4-4	85.16	85.16	0.00	0.00	0.00	85.16
0	27-5-8	9.00	9.00	0.00	0.00	0.00	9.00
0	27-14-6	6.28	6.28	0.00	0.00	6.28	0.00
0	28-0-0	36.04	0.00	0.00	36.04	36.04	0.00
0	28-0-4	23.00	23.00	0.00	0.00	0.00	23.00
0	28-0-10	6.75	6.75	0.00	0.00	0.00	6.75
0	28-2-4	9.48	9.48	0.00	0.00	0.00	9.48
0	28-2-5	18.36	18.36	0.00	0.00	0.00	18.36
0	28-2-8	107.13	107.13	0.00	0.00	0.00	107.13
0	28-3-3	108.97	108.97	0.00	0.00	0.00	108.97
0	28-3-4	163.91	163.91	0.00	0.00	0.00	163.91
0	28-3-8	31.30	31.30	0.00	0.00	0.00	31.30
0	28-3-10	51.27	51.27	0.00	0.00	0.00	51.27
0	28-5-5	13.63	13.63	0.00	0.00	0.00	13.63
0	28-5-8	4.08	4.08	0.00	0.00	4.08	0.00
0	28-5-10	6.00	6.00	0.00	0.00	6.00	0.00
0	28-5-12	7.50	7.50	0.00	0.00	0.00	7.50
0	28-5-18	2.10	2.10	0.00	0.00	0.00	2.10

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2004 To December, 2004

Grades with 0 tons or more and reported by 1 or more shippers.

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	28-7-14	18.00	18.00	0.00	0.00	18.00	0.00
0	28-8-10	12.44	12.44	0.00	0.00	0.00	12.44
0	28-8-18	0.50	0.50	0.00	0.00	0.50	0.00
0	28-10-10	1.66	1.66	0.00	0.00	0.00	1.66
0	28-16-7	0.32	0.32	0.00	0.00	0.00	0.32
0	28-28-0	8.25	0.00	8.25	0.00	8.25	0.00
0	29-2-3	1.20	1.20	0.00	0.00	0.00	1.20
0	29-2-5	4.73	4.73	0.00	0.00	0.00	4.73
0	29-3-3	132.06	132.06	0.00	0.00	0.00	132.06
0	29-3-4	80.41	80.41	0.00	0.00	0.00	80.41
0	29-9-0	11.67	0.00	11.67	0.00	11.67	0.00
0	29-28-0	175.60	0.00	175.60	0.00	175.60	0.00
0	29-29-0	32.09	0.00	32.09	0.00	32.09	0.00
0	30-0-10	29.63	29.63	0.00	0.00	0.00	29.63
0	30-2-5	48.04	48.04	0.00	0.00	0.00	48.04
0	30-2-10	82.13	82.13	0.00	0.00	0.00	82.13
0	30-3-3	136.99	136.99	0.00	0.00	0.00	136.99
0	30-3-4	64.66	64.66	0.00	0.00	1.00	63.66
0	30-3-5	8.71	8.71	0.00	0.00	0.00	8.71
0	30-4-8	44.00	44.00	0.00	0.00	44.00	0.00
0	30-7-10	34.16	34.16	0.00	0.00	0.00	34.16
0	30-10-10	6.64	6.64	0.00	0.00	0.00	6.64
0	30-15-9	158.00	0.00	158.00	0.00	158.00	0.00
0	30-20-20	77.00	0.00	77.00	0.00	77.00	0.00
0	31-0-0	1.08	0.00	0.00	1.08	0.00	1.08
0	31-0-17	1.64	1.64	0.00	0.00	1.64	0.00
0	31-3-8	8.70	8.70	0.00	0.00	0.00	8.70
0	31-3-9	54.13	54.13	0.00	0.00	0.00	54.13
0	31-3-10	4.66	4.66	0.00	0.00	0.00	4.66
0	31-3-12	2.00	2.00	0.00	0.00	2.00	0.00

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0	32-0-0	24.62	0.00	24.62	0.00	24.62	0.00
0	32-0-10	5.00	5.00	0.00	0.00	5.00	0.00
0	32-3-5	3.38	3.38	0.00	0.00	0.00	3.38
0	32-3-8	20.64	20.64	0.00	0.00	0.00	20.64
0	32-3-10	29.86	29.86	0.00	0.00	1.00	28.86
0	32-5-7	30.00	30.00	0.00	0.00	0.00	30.00
0	32-7-7	31.00	31.00	0.00	0.00	0.00	31.00
0	33-3-10	8.00	8.00	0.00	0.00	8.00	0.00
0	33-7-7	1.66	1.66	0.00	0.00	1.66	0.00
0	33-11-11	0.22	0.22	0.00	0.00	0.00	0.22
0	33-13-6	398.00	0.00	398.00	0.00	398.00	0.00
0	34-0-10	40.00	40.00	0.00	0.00	0.00	40.00
0	34-0-15	26.02	26.02	0.00	0.00	0.00	26.02
0	34-2-6	44.00	44.00	0.00	0.00	0.00	44.00
0	34-3-7	4.25	4.25	0.00	0.00	3.75	0.50
0	34-4-4	76.00	76.00	0.00	0.00	76.00	0.00
0	34-7-7	0.49	0.49	0.00	0.00	0.49	0.00
0	34-18-0	48.10	0.00	48.10	0.00	48.10	0.00
0	35-0-15	11.00	11.00	0.00	0.00	11.00	0.00
0	35-18-0	904.65	0.00	904.65	0.00	904.65	0.00
0	35-18-8	35.86	0.00	35.86	0.00	35.86	0.00
0	36-3-4	50.64	50.64	0.00	0.00	0.00	50.64
0	36-3-7	13.04	6.05	6.99	0.00	6.99	6.05
0	36-6-6	2.50	2.50	0.00	0.00	0.00	2.50
0	37-0-0	20.50	17.50	3.00	0.00	3.00	17.50
0	38-0-0	9.63	0.00	9.63	0.00	0.00	9.63
0	40-0-0	99.36	0.00	99.36	0.00	99.36	0.00
0	40-4-4	0.33	0.33	0.00	0.00	0.00	0.33
0	40-10-13	285.85	0.00	285.85	0.00	285.85	0.00
2	82-0-0	37,381.59	0.00	0.00	37,381.59	37,268.35	113.24

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10	34-0-0	872.71	864.09	8.62	0.00	872.71	0.00
24	21-0-0	18,636.01	8.94	16,400.07	2,227.00	18,544.35	91.66
31	12-0-0	5,642.79	0.00	23.55	5,619.24	5,614.99	27.80
31	15-0-0	47.92	0.00	0.00	47.92	47.92	0.00
54	15-0-0	21.10	0.00	0.00	21.10	0.00	21.10
56	0-0-0	305.15	0.00	0.00	305.15	305.15	0.00
58	28-0-0	171,226.09	0.00	0.00	171,226.09	171,130.19	95.89
60	32-0-0	63,675.79	0.00	0.00	63,675.79	63,675.79	0.00
66	46-0-0	592,612.05	303.20	592,308.86	0.00	589,475.19	3,136.86
68	38-0-0	8.00	8.00	0.00	0.00	8.00	0.00
203	18-46-0	174,765.58	12.48	174,753.10	0.00	174,624.56	141.02
207	16-20-0	122.12	0.00	122.12	0.00	122.12	0.00
209	11-52-0	189,758.07	192.47	189,565.60	0.00	188,814.07	944.00
249	10-34-0	81,546.61	0.00	0.00	81,546.61	81,519.85	26.76
253	0-35-0	269.50	0.00	0.00	269.50	0.00	269.50
267	0-46-0	273.52	0.00	273.52	0.00	273.38	0.14
273	0-68-0	13,834.82	0.00	0.00	13,834.82	13,834.82	0.00
428	0-0-60	85,983.89	7.00	85,976.89	0.00	85,742.54	241.35
430	0-0-62	5,795.54	31.56	5,763.98	0.00	5,742.81	52.73
443	0-0-22	170.55	0.00	143.55	27.00	170.55	0.00
463	0-0-50	159.18	3.17	156.00	0.00	156.00	3.17
613	1.6-0.09-1.6	271.37	0.00	271.37	0.00	0.00	271.37
613	2-2-1	2,291.84	0.00	2,291.84	0.00	2,291.84	0.00
652	1.9-0.2-0.2	1.28	1.24	0.04	0.00	0.04	1.24
706	0-0-0	230.20	13.88	190.62	25.69	194.80	35.39
720	0-0-0	43.60	0.03	43.58	0.00	43.58	0.03
722	0-0-0	0.37	0.00	0.00	0.37	0.15	0.22
730	0-0-0	0.15	0.00	0.00	0.15	0.15	0.00
732	0-0-0	3,617.64	149.33	3,468.31	0.00	3,613.45	4.19
736	0-0-0	24.43	0.00	0.00	24.43	24.43	0.00

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742	0-0-0	0.73	0.00	0.00	0.73	0.73	0.00
749	0-0-0	0.09	0.00	0.00	0.09	0.09	0.00
754	0-0-0	3.70	2.91	0.80	0.00	0.80	2.91
766	0-0-0	1.00	1.00	0.00	0.00	0.00	1.00
770	0-0-0	3,017.23	2,014.84	1,001.53	0.86	1,905.18	1,112.04
773	0-0-0	12.20	0.00	0.00	12.20	12.20	0.00
780	0-0-0	54.50	0.00	54.50	0.00	54.50	0.00
782	0-0-0	880.14	283.03	597.11	0.00	561.54	318.60
783	0-0-0	114.65	0.00	0.00	114.65	114.34	0.31
784	0-0-0	5.69	0.00	2.21	3.48	2.21	3.48
797	0-0-0	2,245.03	217.47	1,932.99	94.57	2,222.34	22.69
797	8-20-5	26.90	0.00	0.00	26.90	26.90	0.00
797	9.5-0-0	4.29	0.00	4.29	0.00	4.29	0.00
798	0-0-0	10.60	0.00	10.60	0.00	10.60	0.00
908	0-0-0	60.44	0.00	60.44	0.00	60.44	0.00
910	0-0-0	3,173.55	24.43	3,149.12	0.00	3,173.55	0.00
910	0-3-0	0.10	0.00	0.10	0.00	0.10	0.00
978	0-0-0	63.11	3.29	58.60	1.22	59.82	3.29
990	0-0-0	434.12	179.75	0.27	254.10	434.12	0.00
998	0-0-0	0.28	0.00	0.28	0.00	0.28	0.00
998	8-0-0	0.05	0.00	0.00	0.05	0.05	0.00
998	10-0-0	8.93	0.00	0.00	8.93	8.93	0.00
998	15-0-0	0.34	0.00	0.00	0.34	0.34	0.00

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
TOTALS		1,529,991.15	11,342.24	1,110,082.38	408,566.53	1,508,977.39	21,013.76

Totals of grades having the specified tonnage limit of 0 but less than 1 shippers:

Totals of grades Less Than 0 tons.

GRAND TOTAL:	1,531,320.34
GRAND TOTAL FOR BAG:	11,344.12
GRAND TOTAL FOR BULK:	1,111,408.69
GRAND TOTAL FOR LIQUID:	408,567.53
GRAND TOTAL FOR FARM:	1,509,945.90
GRAND TOTAL FOR NONFARM:	21,374.44