

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

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TO

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2003 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

SECTION B: SAMPLE REPORT SUMMARY

SECTION C: REGULATORY ANALYTE TOTALS

SECTION D: FERTILIZER TONNAGE SUMMARY

SECTION A:

SAMPLE

COUNT

REPORT

Sample Count Report

Fertilizers Sampled From 1/1/2003 To 12/31/2003

Manufacturer and Location			Sample	Passed	Not Passed
			8	8	0
Ag First Farmers Coop	Brookings	SD	1	0	1
Agland Coop	Armour	SD	1	1	0
Agriliance	Alexandria	SD	1	1	0
Agriliance	Long Grove	IL	1	1	0
Agriliance	Wolsey	SD	2	2	0
Agriliance LLC	Kansas City	MO	1	1	0
Agriliance LLC	Watertown	SD	5	3	2
Agriliance, LLC	Kansas City	MO	1	1	0
Agriliance, LLC	St. Paul	MN	60	54	6
Agrium	Beatrice	NE	1	1	0
Agrium Conda Phosphate Operations	Soda Springs	ID	1	1	0
Agrium Inc.	Calgary Alberta	CN	3	3	0
Agrium U.S., Inc	Denver	CO	2	2	0
Agrium US Inc.	Carseland AB	CN	4	4	0
Agrium US Inc.	Epcoc	ID	1	1	0
Agrium US Inc.	Redwater, Alberta	CN	2	2	0
Agro-Culture Liquid Fertilizers	St. Johns	MI	3	1	2
AH Hoffman Inc	Landisville	PA	1	1	0
Alaska Fish Fertilizer	Renton	WA	1	1	0
Alljack	St. Louis	MO	1	1	0
American Plant Food Corp.	Creve Coeur	MO	3	2	1
Andersons (The) Lawn Fert Div	Maumee	OH	2	1	1
Arlington Farmers Elevator	Arlington	SD	3	2	1
Avon Farmers Coop	Avon	SD	1	1	0
Badger Farmers Coop	Badger	SD	4	3	1
BCA Products	Sleepy Eye	MN	3	2	1
Big Green Inc	Mitchell	SD	1	0	1
Big Sioux	Regina,	CN	1	1	0
Big Soo	Sioux City	IA	1	1	0
Bonide Products, Inc.	Oriskany	NY	1	1	0
Bruce Ag Center	Bruce	SD	1	0	1
Brule County Coop	Brule	SD	1	1	0
Calcium Products	Ft. Dodge	IA	1	0	1
Cargill	Minneapolis	MN	1	1	0
Cargill Fertilizer Inc	Riverview	FL	2	2	0
Cargill Inc	Sioux City	IA	1	1	0
Cargill Inc Fert Division	Minneapolis	MN	1	1	0
Cargill Inc.	Pipestone	MN	5	5	0

Manufacturer and Location			Sample	Passed	Not Passed
Cargill Inc.	Savage	MN	1	1	0
Cargill, Incorp.	Minneapolis	MN	9	9	0
Castlewood Farmers Elevator	Castlewood	SD	1	1	0
Cenex Harvest States	Crooks	SD	1	0	1
CF Ind	Rosemount	MN	1	1	0
CF Industries Inc	Long Grove	IL	11	10	1
CF Industries, Inc.	Lake Zurich	IL	4	4	0
Chas H Lilly Company	Portland	OR	1	0	1
Chemsico	St. Louis	MO	4	4	0
Chester Farm Service Corp.	Chester	SD	2	0	2
Clark Community Oil Co.	Clark	SD	1	1	0
Coastal Chemical Inc	Cheyenne	WY	2	2	0
Con Agra Int'l Fertilizer	Savannah	GA	2	2	0
Cone Ag Service	Pierre	SD	2	1	1
Country Partners Cooperative	Sisseton	SD	2	0	2
Dakota Gasification Company	Beulah	ND	2	2	0
Dakota Mill & Grain	Belle Fourche	SD	1	1	0
Dakota Plains Ag Ctr	Parkston	SD	4	4	0
DeBoer Ag Service	Oral	SD	1	0	1
Do It Best Corporation	Fort Wayne	IN	2	1	1
Eastern Farmers Coop	Canton	SD	1	0	1
Easy Gardener	Waco	TX	3	3	0
Eau Claire Coop Oil Company	Eau Claire	WI	3	3	0
Farmers Co-op Assc.	Wilmot	SD	1	1	0
Farmers Coop Assn	Ethan	SD	3	3	0
Farmers Coop Association	Storla	SD	4	4	0
Farmers Coop Association	Wagner	SD	1	0	1
Farmers Coop Association (Storla)	Letcher	SD	2	0	2
Farmers Coop Elevator	Avon	SD	1	0	1
Farmers Coop Elevator	New Effington	SD	1	0	1
Farmers Plant Food Inc	Garretson	SD	6	3	3
Farmers Plant Food Inc	Wolsey	SD	6	1	5
Farmers Union	Wessington	SD	1	0	1
Farmers Union Coop Assn	Alexandria	SD	2	1	1
Farmers Union Oil Assn	Redfield	SD	1	1	0
Farmland Industries	Kansas City	MO	1	1	0
Farmland Industries	Rock Springs	WY	1	1	0
Farmland Industries Inc	Kansas City	MO	3	3	0
Gro Tec Inc	Madison	GA	3	2	1
Hardware Wholesales Inc.	Ft. Wayne	IN	1	1	0
Harvest Land Coop.	Springfield	MN	1	0	1
Hazel Farmers Elevator	Hazel	SD	1	1	0
Helena Chemical Co.	Marshall	MN	1	0	1
Howard Johnsons Enterprises Inc	Milwaukee	WI	3	1	2

Manufacturer and Location			Sample	Passed	Not Passed
Howe Company	Minneapolis	MN	1	1	0
IMC USA Inc.	Lake Forest	IL	3	3	0
J.R. Peters Inc.	Allentown	PA	1	1	0
Jirdon Agri Chemicals Inc	Morrill	NE	1	1	0
Johnsons Ranchers Supply Inc	Wall	SD	4	2	2
JR Simplot	Rock Springs	WY	1	1	0
Lake Preston Farm Supply	Lake Preston	SD	2	2	0
Lebanon Seaboard Corp	Lebanon	PA	1	1	0
Madison Farmers Elevator	Madison	SD	1	0	1
Madison Farmers Elevator	Ramona	SD	2	1	1
Meckling Fertilizer Inc	Meckling	SD	1	1	0
Mettler Fertilizer Inc	Menno	SD	1	1	0
Mettler Fertilizer of Freeman	Freeman	SD	1	0	1
Midwest Coop	Martin	SD	1	1	0
Midwest Cooperatives	Onida	SD	1	0	1
Midwest Cooperatives	Pierre	SD	1	1	0
Milorganite Division-MMSD	Milwaukee	WI	1	1	0
Miracle Gro Lawn Products	Marysville	OH	2	2	0
North Central Farmers Elevator	Ipswich	SD	2	2	0
Nutra-Flo Company	Sioux City	IA	4	3	1
Ocean Crest Seafood	Gloucester	MA	1	1	0
PCS Sales	Koromville	CN	1	1	0
PCS Sales	Saskatoon,	CN	6	6	0
PCS Sales (USA) Inc.	Northbrook	IL	2	2	0
Potash Corp. of Saskatchewan	Saskatoon SAS		1	0	1
Pursell Industries Inc	Sylacauga	AL	5	3	2
Quali Trade Inc.	Jordan	MN	1	1	0
Ramsdell F & M Ltd	Flandreau	SD	4	3	1
Ross Daniels/Weatherly Consumer	Lexington	KY	1	1	0
Sanborn County Farmers Union Oil	Woonsocket	SD	1	0	1
Saskferco	Belle Plaine, Sask.	CN	5	5	0
Saskferco	Regina,		1	1	0
Saskferco Belle Plaine	Saskatchewan	CN	1	1	0
Schultz Company	Bridgeton	MO	12	7	5
Scotts Company	Marysville	OH	26	26	0
Scrypton Systems Inc	Annapolis	MD	1	0	1
SD Wheat Growers	Wolsey	SD	1	1	0
SD Wheatgrowers Assn	Aberdeen	SD	1	1	0
SD Wheatgrowers Assn	Huron	SD	4	2	2
SF Fertilizers/Phosphates	Rock Springs	WY	1	1	0
Simplot	Rock Springs	WY	1	1	0
South Plain Ag	Scotland	SD	1	1	0
Southwest Grain	Lemmon	SD	1	1	0
Spectrum Group-Div of United	St. Louis	MO	1	1	0

Manufacturer and Location			Sample	Passed	Not Passed
Swiss Farm Products, Inc.	Las Vegas	NV	3	2	1
Tabor Lumber Coop	Tabor	SD	1	1	0
Terra Nitrogen Corp	Sioux City	IA	3	3	0
Tetra Sales	Blacksburg	VA	1	1	0
The Espoma Co.	Millville	NJ	1	0	1
The Solarius Group of Monsanto	San Ramon	CA	1	1	0
TJ Technologies	Brookings	SD	1	1	0
UAP Fertilizer	Pekin	IL	2	2	0
United Horticultural Supply	Fremont	NE	1	0	1
United Suppliers	Juanita	NE	1	1	0
United Suppliers Inc.	Eldora	IA	6	5	1
Voluntary Purchasing Group	Borham	TX	7	6	1
Voluntary Purchasing Groups	Bonham	TX	1	1	0
Watertown Coop Elevator	Watertown	SD	2	1	1
West Central Chemical	Willmar	MN	1	1	0
West Central Inc.	Brooten	MN	1	1	0
West Central Inc.	St. Paul	MN	1	1	0
Western Lime Corporation	West Bend	WI	1	0	1
Totals:			391	313	78

Percent Passed: 80.1%

Percent Not 19.9%

SECTION B:

SAMPLE

REPORT

SUMMARY

Manufacturer Location	Product	Analyte	Found	Claim
	Dry Bulk Fertilizer 46-0-0		03N-05198	
		Total Nitrogen, %	46.66	46
	Dry Bulk Fertilizer 11-52-0		03N-05203	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.35	11
		Available Phosphate, %	51.49	52
	Dry Bulk Fertilizer 11-52-0		03N-05220	
		Commercial Value	137.	137
		Overall Index Value	99.9	100
		Total Nitrogen, %	11.18	11
		Available Phosphate, %	51.67	52
	Dry Bulk Fertilizer 18-46-0		03N-05221	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.10	18
		Available Phosphate, %	45.85	46
	Dry Bulk Fertilizer 46-0-0		03N-05222	
		Total Nitrogen, %	46.65	46
	Dry Bulk Fertilizer 11-52-0		03N-05224	
		Commercial Value	138.	137
		Overall Index Value	417.	100
		Total Nitrogen, %	11.35	11
		Available Phosphate, %	51.77	52
	Dry Bulk Fertilizer 46-0-0		03N-05295	
		Total Nitrogen, %	46.54	46
	Dry Bulk Fertilizer 46-0-0		03N-05507	
		Total Nitrogen, %	46.47	46
Ag First Farmers Coop				
Brookings, SD				
	** Custom Dry Fertilizer 36.5-15.6-0		03N-04210	
		Arsenic, ug/g (ppm)		
		Cadmium, ug/g (ppm)		
		Cobalt, ug/g (ppm)		
		Commercial Value	144.	140.7
		Overall Index Value	102.	100
		Total Nitrogen, %	34.92	36.48
		DEFICIENT		
		Available Phosphate, %	18.76	15.63
		Lead, ug/g (ppm)		
		Mercury, ug/g (ppm)	<0.10	
		Molybdenum, ug/g (ppm)		
		Nickel, ug/g (ppm)		
		Selenium, ug/g (ppm)	<0.100	
		Zinc, ug/g (ppm)		
Agland Coop				
Armour, SD				
	Custom Dry Fertilizer with Zinc Sulfate		03N-04864	
		Commercial Value	137.	135.56
		Overall Index Value	100.	100
		Total Nitrogen, %	28.73	29.26
		Available Phosphate, %	25.17	24.39
		Zinc, %	1.70	1.45

Manufacturer Location	Product	Analyte	Found	Claim
Agrilience Alexandria, SD	Dry Bulk Fertilizer 46-0-0		03N-05192	
	Total Nitrogen, %		46.59	46
Agrilience Long Grove, IL	Dry Bulk Fertilizer 46-0-0 Urea		03N-05196	
	Total Nitrogen, %		46.54	46
Agrilience Wolsey, SD	Dry Bulk Fertilizer 11-52-0		03N-04552	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.30	11
	Available Phosphate, %		51.92	52
	Dry Bulk Fertilizer 46-0-0 Bin 5		03N-07638	
	Total Nitrogen, %		46.54	46
Agrilience LLC Kansas City, MO	Dry Bulk Fertilizer 11-52-0		03N-00538	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.06	11
	Available Phosphate, %		52.47	52
Agrilience LLC Watertown, SD	** Custom Dry Bulk Fertilizer 32-16-5		03N-04569	
	Commercial Value		137.	134
	Overall Index Value		103.	100
	Total Nitrogen, %		32.18	32
	Available Phosphate, %		18.89	16.1
	Soluble Potash, %		3.12	5.4
	DEFICIENT			
	Dry Bulk Fertilizer 18-46-0		03N-04573	
	Commercial Value		145.	146
	Overall Index Value		99.1	100
	Total Nitrogen, %		17.89	18
	Available Phosphate, %		45.52	46
	Dry Bulk Fertilizer 18-46-0		03N-05659	
	Commercial Value		145.	146
	Overall Index Value		99.2	100
	Total Nitrogen, %		17.78	18
	Available Phosphate, %		45.73	46
	Dry Bulk Fertilizer 46-0-0		03N-05660	
	Total Nitrogen, %		46.64	46
	** Custom Blend Fertilizer 8.25-39-15		03N-05661	
	Commercial Value		111.	117.75
	Overall Index Value		94.1	100
	DEFICIENT			
	Total Nitrogen, %		7.50	8.25
	DEFICIENT			
	Available Phosphate, %		33.21	39
	DEFICIENT			
	Soluble Potash, %		19.97	15
Agrilience, LLC Kansas City, MO	Liquid Fulk Fertilizer 28-0-0		03N-07510	
	Total Nitrogen, %		28.34	28

Manufacturer Location	Product	Analyte	Found	Claim
Agrilience, LLC St. Paul, MN	Bulk Dry Fertilizer 46-0-0		03N-04144	
		Total Nitrogen, %	46.67	46
	Bulk Dry Fertilizer 18-46-0		03N-04145	
		Commercial Value	145.	146
		Overall Index Value	99.3	100
		Total Nitrogen, %	17.95	18
		Available Phosphate, %	45.59	46
	Dry Bulk Fertilizer 46-0-0		03N-04382	
		Total Nitrogen, %	46.76	46
	** Dry Bulk Fertilizer 18-52-0		03N-04383	
		Commercial Value	137.	158
		Overall Index Value	87.0	100
		DEFICIENT		
		Total Nitrogen, %	11.24	18
		DEFICIENT		
		Available Phosphate, %	51.81	52
	Dry Bulk Fertilizer 46-0-0		03N-04385	
		Total Nitrogen, %	46.71	46
	Liquid Bulk Fertilizer 10-34-0		03N-04397	
		Commercial Value	97.5	98
		Overall Index Value	99.5	100
		Total Nitrogen, %	10.07	10
		Available Phosphate, %	33.64	34
	Liquid Bulk Fertilizer 28-0-0		03N-04398	
		Total Nitrogen, %	27.26	28
	Dry Bulk Fertilizer 18-46-0		03N-04421	
		Commercial Value	145.	146
		Overall Index Value	99.2	100
		Total Nitrogen, %	17.89	18
		Available Phosphate, %	45.58	46
	Dry Bulk Fertilizer 46-0-0		03N-04422	
		Total Nitrogen, %	46.77	46
	** Zinc Sulfate		03N-04425	
	Sulfur, %	18.51	17	
	Zinc, %	33.35	35.5	
	DEFICIENT			
Dry Container Fertilizer		03N-04474		
	Sulfur, %	89.80	90	
Dry Bulk Fertilizer 0-0-60		03N-04475		
	Soluble Potash, %	59.72	60	
Dry Bulk Fertilizer DAP 18-46-0		03N-04476		
	Commercial Value	144.	146	
	Overall Index Value	98.9	100	
	Total Nitrogen, %	17.86	18	
	Available Phosphate, %	45.40	46	
Dry Bulk Fertilizer Urea 46-0-0		03N-04477		
	Total Nitrogen, %	46.75	46	
Dry Bulk Fertilizer Urea 46-0-0		03N-04481		
	Total Nitrogen, %	46.73	46	
Dry Bulk Fertilizer MAP 11-52-0		03N-04482		
	Commercial Value	86.1	137	
	Overall Index Value	101.	100	
	Total Nitrogen, %	11.31	11	
	Available Phosphate, %	52.34	52	
Dry Bulk Fertilizer zinc sulfate 35.5%		03N-04483		
	Sulfur, %	18.42	17.5	
	Zinc, %	35.21	35.5	

Manufacturer Location	Product	Analyte	Found	Claim
	Bulk Dry Fertilizer 18-46-0		03N-04567	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.13	18
		Available Phosphate, %	46.07	46
	Dry Bulk Fertilizer 46-0-0		03N-04568	
		Total Nitrogen, %	46.69	46
	Dry Bulk Fertilizer DAP 18-46-0		03N-05193	
		Commercial Value	145.	146
		Overall Index Value	99.2	100
		Total Nitrogen, %	17.87	18
		Available Phosphate, %	45.63	46
	Dry Bulk Fertilizer 0-0-60 Potash		03N-05194	
		Soluble Potash, %	59.82	60
	Dry Bulk Fertilizer 46-0-0		03N-05202	
		Total Nitrogen, %	46.45	46
	Dry Bulk Fertilizer 46-0-0		03N-05501	
		Total Nitrogen, %	46.67	46
	Dry Bulk Fertilizer 18-46-0		03N-05502	
		Commercial Value	145.	146
		Overall Index Value	99.6	100
		Total Nitrogen, %	17.75	18
		Available Phosphate, %	46.06	46
	Dry Bulk Fertilizer 18-46-0		03N-05510	
		Commercial Value	145.	146
		Overall Index Value	99.6	100
		Total Nitrogen, %	17.47	18
		Available Phosphate, %	46.52	46
	Dry Bulk Fertilizer 46-0-0		03N-05511	
		Total Nitrogen, %	46.68	46
	Dry Bulk Fertilizer 18-46-0		03N-05653	
		Commercial Value	145.	146
		Overall Index Value	99.2	100
		Total Nitrogen, %	17.84	18
		Available Phosphate, %	45.68	46
	Dry Bulk Fertilizer 46-0-0		03N-05654	
		Total Nitrogen, %	46.66	46
	Dry Bulk Fertilizer 18-46-0		03N-05656	
		Commercial Value	146.	146
		Overall Index Value	99.9	100
		Total Nitrogen, %	17.79	18
		Available Phosphate, %	46.23	46
	Dry Bulk Fertilizer 46-0-0		03N-05657	
		Total Nitrogen, %	46.63	46
	Dry Fertilizer 46-0-0		03N-05695	
		Total Nitrogen, %	46.75	46
	Dry Bulk Fertilizer		03N-05886	
		Total Nitrogen, %	46.85	46
	Dry Bulk Fertilizer 18-46-0		03N-05965	
		Commercial Value	145.	146
		Overall Index Value	99.5	100
		Total Nitrogen, %	17.82	18
		Available Phosphate, %	45.92	46
	Dry Bulk Fertilizer 46-0-0		03N-05966	
		Total Nitrogen, %	47.09	46

Manufacturer Location	Product	Analyte	Found	Claim
	Dry Bulk Fertilizer 18-46-0		03N-05972	
		Commercial Value	146.	146
		Overall Index Value	99.9	100
		Total Nitrogen, %	17.72	18
		Available Phosphate, %	46.35	46
	Dry Bulk Fertilizer 46-0-0		03N-05976	
		Total Nitrogen, %	46.89	46
	Custom Dry Bulk Fertilizer 27.72-12.60-12.57		03N-05977	
		Commercial Value	123.	120.93
		Overall Index Value	102.	100
		Total Nitrogen, %	27.56	27.72
		Available Phosphate, %	13.16	12.6
		Soluble Potash, %	13.43	12.57
	Dry Bulk Fertilizer 46-0-0		03N-05978	
		Total Nitrogen, %	46.46	46
	Dry Bulk Fertilizer 18-46-0		03N-05984	
		Commercial Value	144.	146
		Overall Index Value	98.9	100
		Total Nitrogen, %	17.75	18
		Available Phosphate, %	45.55	46
	Dry Bulk Fertilizer 18-46-0		03N-05987	
		Commercial Value	145.	146
		Overall Index Value	99.4	100
		Total Nitrogen, %	17.85	18
		Available Phosphate, %	45.76	46
	Liquid Fertilizer		03N-05988	
		Total Nitrogen, %	28.16	28
	Dry bulk fertilizer 46-0-0		03N-06204	
		Total Nitrogen, %	46.74	46
	Dry bulk fertilizer 0-0-60		03N-06205	
		Soluble Potash, %	59.42	60
	Dry bulk fertilizer 18-46-0		03N-06206	
		Commercial Value	146.	146
		Overall Index Value	99.8	100
		Total Nitrogen, %	17.74	18
		Available Phosphate, %	46.24	46
	Liquid Fertilizer 28-0-0		03N-06207	
		Total Nitrogen, %	28.40	28
	Liquid Fertilizer 10-34-0		03N-06208	
		Commercial Value	96.6	98
		Overall Index Value	98.7	100
		Total Nitrogen, %	10.00	10
		Available Phosphate, %	33.36	34
	Liquid Bulk Fertilizer 28-0-0		03N-06215	
		Total Nitrogen, %	28.58	28
	Dry Bulk Fertilizer 46-0-0		03N-06555	
		Total Nitrogen, %	46.88	46
	Dry Bulk Fertilizer 11-52-0		03N-06556	
		Commercial Value	137.	137
		Overall Index Value	99.6	100
		Total Nitrogen, %	10.99	11
		Available Phosphate, %	51.77	52
	Liquid Bulk Fertilizer 10-34-0		03N-06984	
		Commercial Value	98.9	98
		Overall Index Value	101.	100
		Total Nitrogen, %	9.95	10
		Available Phosphate, %	34.52	34

Manufacturer Location	Product	Analyte	Found	Claim
	Liquid Bulk Fertilizer 10-34-0		03N-07508	
		Commercial Value	98.6	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.36	10
		Available Phosphate, %	33.76	34
	Dry Bulk Fertilizer 46-0-0		03N-07737	
		Total Nitrogen, %	46.57	46
	Dry Bulk Fertilizer 18-46-0		03N-07738	
		Commercial Value	145.	146
		Overall Index Value	99.3	100
		Total Nitrogen, %	17.32	18
		Available Phosphate, %	46.50	46
	** Dry Bulk Fertilizer 11-52-0		03N-07739	
		Commercial Value	131.	137
		Overall Index Value	95.7	100
		DEFICIENT		
		Total Nitrogen, %	10.65	11
		Available Phosphate, %	49.67	52
		DEFICIENT		
	Liquid Bulk Fertilizer 10-34-0		03N-07870	
		Commercial Value	96.9	98
		Overall Index Value	98.8	100
		Total Nitrogen, %	9.77	10
		Available Phosphate, %	33.78	34
	Liquid Bulk Fertilizer 28-0-0		03N-07871	
		Total Nitrogen, %	27.97	28
	** Liquid Bulk Fertilizer 10-34-0		03N-07872	
		Commercial Value	94.6	98
		Overall Index Value	96.6	100
		DEFICIENT		
		Total Nitrogen, %	9.64	10
		Available Phosphate, %	32.80	34
		DEFICIENT		
	Liquid Bulk Fertilizer 28-0-0		03N-07873	
		Total Nitrogen, %	28.17	28
	** Bulk Liquid Fertilizer 10-34-0		03N-11967	
		Commercial Value	94.3	98
		Overall Index Value	96.2	100
		DEFICIENT		
		Total Nitrogen, %	9.46	10
		Available Phosphate, %	32.97	34
		DEFICIENT		
Agrium				
Beatrice, NE				
	Dry Bulk Fertilizer 34-0-0		03N-06563	
		Total Nitrogen, %	33.88	34
Agrium Conda Phosphate Operations				
Soda Springs, ID				
	DRY BULK FERTILIZER 11-52-0		03N-02019	
		Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	10.80	11
		Available Phosphate, %	52.18	52
Agrium Inc.				
Calgary Alberta, CN				
	11-52-0 DRY BULK FERTILIZER		03N-03055	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	10.97	11
		Available Phosphate, %	52.14	52
	Dry Bulk Fertilizer 46-0-0		03N-04890	
		Total Nitrogen, %	46.73	46

Manufacturer Location	Product	Analyte	Found	Claim
	Dry Bulk Fertilizer 21-0-0-24		03N-04893	
	Total Nitrogen, %		21.17	21
	Sulfur, %		24.57	24
Agrium U.S., Inc Denver, CO	Bulk Dry Fertilizer 46-0-0		03N-04211	
	Total Nitrogen, %		46.57	46
	Dry Bulk Fertilizer 21-0-0-24		03N-06223	
	Total Nitrogen, %		20.64	21
	Sulfur, %		24.52	24
Agrium US Inc. Carseland AB, CN	46-0-0 DRY BULK FERTILIZER		03N-03060	
	Total Nitrogen, %		46.76	46
	Dry Bulk Fertilizer 46-0-0 Middle Bin Bulk Bldg		03N-07658	
	Total Nitrogen, %		46.67	46
	Dry Bulk Fertilizer 46-0-0 North Bin Bulk Bldg 6		03N-07659	
Total Nitrogen, %		46.64	46	
	Dry Bulk Fertilizer 46-0-0 Bin 3		03N-07662	
	Total Nitrogen, %		46.69	46
Agrium US Inc. EpcO, ID	Dry Bulk Fertilizer 11-52-0		03N-06564	
	Commercial Value		136.	137
	Overall Index Value		99.6	100
	Total Nitrogen, %		10.91	11
	Available Phosphate, %		51.83	52
Agrium US Inc. Redwater, Alberta, CN	21-0-0-24 DRY BULK FERTILIZER		03N-03061	
	Total Nitrogen, %		20.74	21
	Sulfur, %		24.39	24
	11-52-0 DRY BULK FERTILIZER		03N-03062	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.65	11
Available Phosphate, %		51.57	52	
Agro-Culture Liquid Fertilizers St. Johns, MI	** Liquid Fertilizer Nitrogen High NRG-N w/S 27-0-0-1		03N-05801	
	Total Nitrogen, %		26.23	27
	Sulfur, %		0.38	1
	DEFICIENT			
	Liquid Fertilizer Pro-Germinator 9-24-3		03N-05802	
	Commercial Value		53.7	78
	Overall Index Value		101.	100
	Total Nitrogen, %		9.56	9
	Available Phosphate, %		23.54	24
	Soluble Potash, %		2.95	3
	** Liquid Fertilizer Micro 500		03N-05803	
	Manganese, %		0.81	1.2
DEFICIENT				
Zinc, %		1.34	1.8	
DEFICIENT				

Manufacturer Location	Product	Analyte	Found	Claim
AH Hoffman Inc Landisville, PA	Country Cottage Perennial Flower Food 9-12-18		03N-06569	
		Commercial Value	66.3	53
		Overall Index Value	125.	100
		Total Nitrogen, %	9.04	9
		Available Phosphate, %	14.44	12
		Soluble Potash, %	10.26	2
		Sulfur, %	4.06	2
Alaska Fish Fertilizer Renton, WA	Alaska Fish Fertilizer		03N-08301	
		Chlorine, %	2.29	4
		Commercial Value	19.2	18
		Overall Index Value	106.	100
		Total Nitrogen, %	4.89	5
		Available Phosphate, %	1.42	1
		Soluble Potash, %	1.65	1
Alljack St. Louis, MO	ACE All Purpose Plant Food 15-30-15		03N-04025	
		Commercial Value	133.	120
		Overall Index Value	111.	100
		Total Nitrogen, %	20.94	15
		Available Phosphate, %	29.29	30
		Soluble Potash, %	16.54	15
American Plant Food Corp. Creve Coeur, MO	** Deep Feeding Bloom Plant Food		03N-02790	
		Commercial Value	145.	144
		Overall Index Value	101.	100
		Total Nitrogen, %	11.21	10
		Available Phosphate, %	50.55	52
		DEFICIENT		
		Soluble Potash, %	10.62	10
	Sams Choice Deep Feeding Tomato Plant Food		03N-08020	
		Commercial Value	117.	111
		Overall Index Value	106.	100
		Total Nitrogen, %	18.39	18
		Available Phosphate, %	20.26	18
		Soluble Potash, %	21.77	21
	Sams Choice Deep Feeding Rose Plant Food		03N-08021	
		Commercial Value	130.	118
		Overall Index Value	110.	100
		Total Nitrogen, %	20.01	18
		Available Phosphate, %	26.08	24
		Soluble Potash, %	17.52	16
Andersons (The) Lawn Fert Div Maumee, OH	Dry Fertilizer 28-3-4		03N-04675	
		Chlorine, %	3.45	3.4
		Commercial Value	95.0	94
		Overall Index Value	101.	100
		Total Nitrogen, %	28.23	28
		Available Phosphate, %	2.93	3
		Soluble Potash, %	4.43	4
		Sulfur, %	4.29	3.3

Manufacturer Location	Product	Analyte	Found	Claim
	** Dry Fertilizer 20-4-8		03N-04676	
		Chlorine, %	6.79	6
		EXCESSIVE		
		Commercial Value	77.0	76
		Overall Index Value	101.	100
		Total Nitrogen, %	19.92	20
		Available Phosphate, %	4.22	4
		Soluble Potash, %	8.80	8
Arlington Farmers Elevator				
Arlington, SD				
	** Custom Dry Bulk Fertilizer 27-18-8-.92		03N-04424	
		Commercial Value	124.	125
		Overall Index Value	98.9	100
		Total Nitrogen, %	26.92	27
		Available Phosphate, %	16.36	18
		DEFICIENT		
		Soluble Potash, %	10.94	8
		Zinc, %	1.10	0.92
	Dry Bulk Fertilizer 46-0-0		03N-04426	
		Total Nitrogen, %	46.79	46
	Dry Bulk Fertilizer 18-46-0		03N-04427	
		Commercial Value	145.	146
		Overall Index Value	99.6	100
		Total Nitrogen, %	17.70	18
		Available Phosphate, %	46.14	46
Avon Farmers Coop				
Avon, SD				
	Dry Bulk Fertilizer 11-52-0		03N-05206	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.10	11
		Available Phosphate, %	52.25	52
Badger Farmers Coop				
Badger, SD				
	Bulk Dry Fertilizer 24-24-9		03N-04143	
		Commercial Value	132.	129
		Overall Index Value	102.	100
		Total Nitrogen, %	23.34	24
		Available Phosphate, %	25.13	24
		Soluble Potash, %	11.28	9
	** Bulk Dry Fertilizer Custom 14-36-12		03N-04146	
		Arsenic, ug/g (ppm)		
		Cadmium, ug/g (ppm)		
		Cobalt, ug/g (ppm)		
		Commercial Value	125.	126
		Overall Index Value	99.1	100
		Total Nitrogen, %	13.85	14
		Available Phosphate, %	33.30	36
		DEFICIENT		
		Soluble Potash, %	15.11	12
		Lead, ug/g (ppm)		
		Mercury, ug/g (ppm)	<0.10	
		Molybdenum, ug/g (ppm)		
		Nickel, ug/g (ppm)		
		Selenium, ug/g (ppm)	0.290	
		Zinc, ug/g (ppm)		

Manufacturer Location	Product	Analyte	Found	Claim
	Custom Dry Bulk Fertilizer 34.8-18.4-0		03N-04420	
		Commercial Value	141.	141.2
		Overall Index Value	100.	100
		Total Nitrogen, %	34.82	34.8
		Available Phosphate, %	18.47	18.4
	Custom Dry Bulk Fertilizer 36.9-15.0-0		03N-04423	
		Commercial Value	141.	140.7
		Overall Index Value	100.	100
		Total Nitrogen, %	37.80	36.9
		Available Phosphate, %	14.44	14.95
BCA Products				
Sleepy Eye, MN				
	** Dry Container Fertilizer 10-10-10		03N-05092	
		Commercial Value	59.3	60
		Overall Index Value	98.8	100
		Total Nitrogen, %	9.66	10
		Available Phosphate, %	10.64	10
		Soluble Potash, %	9.06	10
		DEFICIENT		
	Dry Container Fertilizer 27-3-3		03N-05094	
		Commercial Value	100.	90
		Overall Index Value	112.	100
		Total Nitrogen, %	29.00	27
		Available Phosphate, %	4.25	3
		Soluble Potash, %	4.85	3
	Super Lawn Fertilizer 27-3-3		03N-06560	
		Commercial Value	103.	90
		Overall Index Value	115.	100
		Total Nitrogen, %	29.13	27
		Available Phosphate, %	3.41	3
		Soluble Potash, %	9.16	3
Big Green Inc				
Mitchell, SD				
	** Custom Dry Bulk Fertilizer 38.25-12.74-0		03N-05176	
		Commercial Value	141.	140.23
		Overall Index Value	101.	100
		Total Nitrogen, %	39.37	38.25
		Available Phosphate, %	11.46	12.74
		DEFICIENT		
Big Sioux				
Regina, Saskatchewan, CN				
	Dry Bulk Fertilizer 46-0-0		03N-05109	
		Total Nitrogen, %	46.70	46
Big Soo				
Sioux City, IA				
	Dry Bulk Fertilizer 18-46-0		03N-05225	
		Commercial Value	145.	146
		Overall Index Value	268.	100
		Total Nitrogen, %	17.77	18
		Available Phosphate, %	45.71	46
Bonide Products, Inc.				
Oriskany, NY				
	Fish Emulsion 2-4-0.5		03N-05887	
		Commercial Value	16.6	14
		Overall Index Value	118.	100
		Total Nitrogen, %	2.07	2
		Available Phosphate, %	5.18	4

Manufacturer Location	Product	Analyte	Found	Claim
Bruce Ag Center Bruce, SD	** Custom Fertilizer 3.6-17.2-40.1		03N-04381	
		Commercial Value	93.6	85.3
		Overall Index Value	110.	100
		Total Nitrogen, %	4.79	3.6
		Available Phosphate, %	22.18	17.2
		Soluble Potash, %	35.08	40.1
		DEFICIENT		
Brule County Coop Brule, SD	Custom Dry Bulk Fertilizer 36-16-0		03N-05506	
		Commercial Value	140.	140
		Overall Index Value	100.	100
		Total Nitrogen, %	36.51	36
		Available Phosphate, %	15.40	16
Brule County Coop Pukwana, SD	** Dry Bulk Fertilizer 11-52-0		03N-05508	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.80	11
		Available Phosphate, %	51.00	52
		DEFICIENT		
Calcium Products Ft. Dodge, IA	** Calcium Sulfate		03N-05219	
		Calcium, %	18.84	21
		DEFICIENT		
		Sulfur, %	16.11	17
Cargill Minneapolis, MN	Dry Bulk Fertilizer 11-52-0		03N-05967	
		Commercial Value	141.	137
		Overall Index Value	103.	100
		Total Nitrogen, %	12.02	11
		Available Phosphate, %	52.41	52
Cargill Fertilizer Inc Riverview, FL	Dry Bulk Fertilizer 18-46-0		03N-05110	
		Commercial Value	144.	146
		Overall Index Value	98.8	100
		Total Nitrogen, %	17.64	18
		Available Phosphate, %	45.68	46
	Dry Bulk Fertilizer MAP 11-52-0		03N-05114	
		Commercial Value	136.	137
		Overall Index Value	99.4	100
		Total Nitrogen, %	11.01	11
		Available Phosphate, %	51.56	52
Cargill Inc Sioux City, IA	Dry Bulk Fertilizer 46-0-0		03N-07639	
		Total Nitrogen, %	46.66	46

Manufacturer Location	Product	Analyte	Found	Claim
Cargill Inc Fert Division Minneapolis, MN				
	Dry Bulk Fertilizer 11-52-0		03N-07655	
		Commercial Value	136.	137
		Overall Index Value	99.6	100
		Total Nitrogen, %	10.90	11
		Available Phosphate, %	51.88	52
Cargill Inc. Pipestone, MN				
	Bulk Dry Fertilizer 18-46-0		03N-03801	
		Commercial Value	145.	146
		Overall Index Value	99.3	100
		Total Nitrogen, %	18.04	18
		Available Phosphate, %	45.44	46
	DRY BULK FERTILIZER 11-52-0		03N-04400	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.23	11
		Available Phosphate, %	52.02	52
	Dry Bulk Fertilizer 18-46-0		03N-05169	
		Commercial Value	145.	146
		Overall Index Value	99.1	100
		Total Nitrogen, %	17.73	18
		Available Phosphate, %	45.77	46
	Dry Fertilizer 18-46-0		03N-05696	
		Commercial Value	144.	146
		Overall Index Value	98.8	100
		Total Nitrogen, %	18.07	18
		Available Phosphate, %	45.91	46
	Dry Bulk Fertilizer 11-52-0		03N-14660	
		Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	10.89	11
		Available Phosphate, %	52.06	52
Cargill Inc. Savage, MN				
	Dry Bulk Fertilizer 18-46-0		03N-06221	
		Commercial Value	144.	146
		Overall Index Value	98.8	100
		Total Nitrogen, %	17.47	18
		Available Phosphate, %	45.94	46
Cargill, Incorp. Minneapolis, MN				
	Bulk Dry Fertilizer 18-46-0		03N-04212	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.11	18
		Available Phosphate, %	45.90	46
	Dry Bulk Fertilizer 46-0-0		03N-05082	
		Total Nitrogen, %	46.69	46
	Dry Bulk Fertilizer 18-46-0		03N-05083	
		Commercial Value	146.	146
		Overall Index Value	99.7	100
		Total Nitrogen, %	17.90	18
		Available Phosphate, %	45.95	46

Manufacturer Location	Product	Analyte	Found	Claim
	Dry Bulk Fertilizer 18-46-0 DAP		03N-05197	
		Commercial Value	146.	146
		Overall Index Value	99.9	100
		Total Nitrogen, %	18.01	18
		Available Phosphate, %	45.92	46
	Dry Bulk Fertilizer 46-0-0		03N-06080	
		Total Nitrogen, %	46.76	46
	Dry Bulk Fertilizer 21-0-0-24S		03N-06081	
		Total Nitrogen, %	21.12	21
		Sulfur, %	24.85	24
	Dry Bulk Fertilizer 46-0-0		03N-06082	
		Total Nitrogen, %	46.65	46
	Dry Bulk Fertilizer 18-46-0		03N-07740	
		Commercial Value	145.	146
		Overall Index Value	99.5	100
		Total Nitrogen, %	17.74	18
		Available Phosphate, %	46.04	46
	Dry Bulk Fertilizer 11-52-0		03N-07741	
		Commercial Value	136.	137
		Overall Index Value	99.6	100
		Total Nitrogen, %	11.16	11
		Available Phosphate, %	51.46	52
Castlewood Farmers Elevator				
Castlewood, SD				
	Custom Dry Bulk Fertilizer 11.3-28.6-22.6		03N-04572	
		Commercial Value	114.	114
		Overall Index Value	100.	100
		Total Nitrogen, %	11.58	11.29
		Available Phosphate, %	28.64	28.59
		Soluble Potash, %	22.08	22.57
Cenex Harvest States				
Crooks, SD				
	** Dry Fertilizer 23-23-11		03N-06797	
		Commercial Value	117.	126
		Overall Index Value	92.9	100
		DEFICIENT		
		Total Nitrogen, %	19.99	23
		DEFICIENT		
		Available Phosphate, %	19.69	23
		DEFICIENT		
		Soluble Potash, %	17.73	11
CF Ind				
Rosemount, MN				
	Dry Bulk Fertilizer 18-46-0		03N-04889	
		Commercial Value	145.	146
		Overall Index Value	99.2	100
		Total Nitrogen, %	18.05	18
		Available Phosphate, %	45.34	46
CF Industries Inc				
Long Grove, IL				
	DRY BULK FERTILIZER 46-0-0		03N-02020	
		Total Nitrogen, %	46.58	46
	46-0-0 DRY BULK FERTILIZER		03N-03053	
		Total Nitrogen, %	46.70	46
	DRY BULK FERTILIZER 46-0-0		03N-04399	
		Total Nitrogen, %	46.66	46
	DRY BULK FERTILIZER 21-0-0-24		03N-04401	
		Total Nitrogen, %	21.15	21
		Sulfur, %	24.86	24

Manufacturer Location	Product	Analyte	Found	Claim
	DRY BULK FERTILIZER 18-46-0		03N-04402	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.02	18
		Available Phosphate, %	47.03	46
	Dry Bulk Fertilizer 46-0-0		03N-04469	
		Total Nitrogen, %	46.63	46
	Dry Bulk Fertilizer 46-0-0		03N-04901	
		Total Nitrogen, %	46.73	46
	** Dry Bulk Fertilizer 18-46-0		03N-05200	
		Commercial Value	143.	146
		Overall Index Value	98.0	100
		Total Nitrogen, %	17.19	18
		DEFICIENT		
		Available Phosphate, %	45.67	46
	Dry Bulk Fertilizer 11-52-0		03N-05201	
		Commercial Value	137.	137
		Overall Index Value	99.9	100
		Total Nitrogen, %	11.18	11
		Available Phosphate, %	51.68	52
	Dry Bulk Fertilizer 11-52-0		03N-06220	
		Commercial Value	136.	137
		Overall Index Value	99.2	100
		Total Nitrogen, %	10.99	11
		Available Phosphate, %	51.45	52
	Dry Bulk Fertilizer 0-0-62		03N-06222	
		Soluble Potash, %	61.84	62
CF Industries, Inc.				
Lake Zurich, IL				
	Dry Bulk Fertilizer 11-52-0		03N-04470	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.30	11
		Available Phosphate, %	52.02	52
	Dry Bulk Fertilizer 18-46-0		03N-04570	
		Commercial Value	144.	146
		Overall Index Value	98.5	100
		Total Nitrogen, %	17.70	18
		Available Phosphate, %	45.37	46
	Dry Bulk Fertilizer 46-0-0		03N-04571	
		Total Nitrogen, %	46.75	46
	Dry Bulk Fertilizer 11-52-0		03N-05662	
		Commercial Value	137.	137
		Overall Index Value	99.7	100
		Total Nitrogen, %	11.07	11
		Available Phosphate, %	51.72	52

Manufacturer Location	Product	Analyte	Found	Claim
Chas H Lilly Company				
Portland, OR				
	** Fertilizer All Purpose Planting 10-10-10		03N-03440	
		Arsenic, ug/g (ppm)		
		Cadmium, ug/g (ppm)		
		Cobalt, ug/g (ppm)		
		Calcium, %	3.62	3
		Commercial Value	82.9	60
		Overall Index Value	138.	100
		Total Nitrogen, %	13.27	10
		Available Phosphate, %	17.02	10
		Soluble Potash, %	9.08	10
		DEFICIENT		
		Sulfur, %	10.17	6
		Lead, ug/g (ppm)		
		Mercury, ug/g (ppm)	0.13	
		Molybdenum, ug/g (ppm)		
		Nickel, ug/g (ppm)		
		Selenium, ug/g (ppm)	3.24	
		Zinc, ug/g (ppm)		
Chemsico				
St. Louis, MO				
	ACE Green Turf Weed and Feed		03N-04557	
		Commercial Value	109.	96
		Overall Index Value	114.	100
		Total Nitrogen, %	33.10	29
		Available Phosphate, %	2.90	3
		Soluble Potash, %	4.39	3
	All American Lawn & Garden Fertilizer 10-10-10		03N-07249	
		Commercial Value	70.0	60
		Overall Index Value	117.	100
		Total Nitrogen, %	11.41	10
		Available Phosphate, %	11.34	10
		Soluble Potash, %	13.06	10
	KGRO Premium Lawn Fertilizer 29-3-4		03N-07251	
		Commercial Value	108.	97
		Overall Index Value	111.	100
		Total Nitrogen, %	31.24	29
		Available Phosphate, %	3.98	3
		Soluble Potash, %	5.98	4
	Ace Green Turf Weed & Feed 29-3-3		03N-07256	
		Commercial Value	102.	96
		Overall Index Value	107.	100
		Total Nitrogen, %	30.43	29
		Available Phosphate, %	3.56	3
		Soluble Potash, %	3.99	3
Chester Farm Service Corp.				
Chester, SD				
	** Custom Liquid Bulk Fertilizer 4.3-12.9-4.4		03N-06043	
		Commercial Value	38.9	43.1
		Overall Index Value	90.3	100
		DEFICIENT		
		Total Nitrogen, %	4.51	4.3
		Available Phosphate, %	10.43	12.9
		DEFICIENT		
		Soluble Potash, %	4.64	4.4

Manufacturer Location	Product	Analyte	Found	Claim
	** Custom Bulk Dry Fertilizer 6.97-32.96-21.97		03N-14659	
		Commercial Value	114.	108.8
		Overall Index Value	105.	100
		Total Nitrogen, %	7.86	6.97
		Available Phosphate, %	36.30	32.96
		Soluble Potash, %	17.58	21.97
		DEFICIENT		
Clark Community Oil Co.				
Clark, SD				
	Custom Blend Fertilizer 35-18-0		03N-05655	
		Commercial Value	144.	141
		Overall Index Value	102.	100
		Total Nitrogen, %	36.57	35
		Available Phosphate, %	17.30	18
Coastal Chemical Inc				
Cheyenne, WY				
	Dry Bulk Fertilizer 34-0-0		03N-00537	
		Total Nitrogen, %	34.64	34
	Liquid Bulk Fertilizer 32-0-0		03N-06078	
		Total Nitrogen, %	32.19	32
Con Agra Int'l Fertilizer				
Savannah, GA				
	Bulk Dry Fertilizer 46-0-0		03N-03802	
		Total Nitrogen, %	46.84	46
	Dry Bulk Fertilizer 46-0-0		03N-07742	
		Total Nitrogen, %	46.62	46
Cone Ag Service				
Pierre, SD				
	Custom Liquid Bulk Fertilizer 21-7-0		03N-05829	
		Commercial Value	77.0	77
		Overall Index Value	100.	100
		Total Nitrogen, %	21.33	21
		Available Phosphate, %	6.53	7
	** Liquid Bulk Fertilizer 10-34-0		03N-06079	
		Commercial Value	94.6	98
		Overall Index Value	96.5	100
		DEFICIENT		
		Total Nitrogen, %	10.24	10
		Available Phosphate, %	31.95	34
		DEFICIENT		
Country Partners Cooperative				
Sisseton, SD				
	** Custom Dry Bulk Fertilizer 12-30-20		03N-05973	
		Commercial Value	108.	116
		Overall Index Value	93.3	100
		DEFICIENT		
		Total Nitrogen, %	10.67	12
		DEFICIENT		
		Available Phosphate, %	26.89	30
		DEFICIENT		
		Soluble Potash, %	22.43	20
	** Custom Dry Bulk Fertilizer 13.5-34.5-15		03N-05983	
		Commercial Value	127.	124.5
		Overall Index Value	102.	100
		Total Nitrogen, %	13.91	13.5
		Available Phosphate, %	36.55	34.5
		Soluble Potash, %	12.35	15
		DEFICIENT		

Manufacturer Location	Product	Analyte	Found	Claim
Dakota Gasification Company				
Beulah, ND				
	21-0-0-24 DRY BULK FERTILIZER		03N-03066	
	Total Nitrogen, %		21.09	21
	Sulfur, %		23.99	24
	Dry Bulk Fertilizer 21-0-0-24		03N-04405	
	Total Nitrogen, %		21.23	21
	Sulfur, %		24.67	24
Dakota Mill & Grain				
Belle Fourche, SD				
	Custom Dry Bulk Fertilizer 35-18-0		03N-05884	
	Commercial Value		139.	141
	Overall Index Value		98.8	100
	Total Nitrogen, %		34.36	35
	Available Phosphate, %		18.13	18
Dakota Plains Ag Ctr				
Parkston, SD				
	Bulk Dry Fertilizer 18-46-0		03N-04028	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		18.03	18
	Available Phosphate, %		45.93	46
	Dry Bulk Fertilizer 18-46-0		03N-04396	
	Commercial Value		146.	146
	Overall Index Value		99.9	100
	Total Nitrogen, %		17.91	18
	Available Phosphate, %		46.03	46
	Dry Bulk Fertilizer 18-46-0		03N-04550	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.02	18
	Available Phosphate, %		46.34	46
	Dry Bulk Fertilizer 46-0-0		03N-04551	
	Total Nitrogen, %		46.80	46
DeBoer Ag Service				
Oral, SD				
	** Liquid Bulk Fertilizer 28-0-0		03N-07647	
	Total Nitrogen, %		25.38	28
	DEFICIENT			
Do It Best Corporation				
Fort Wayne, IN				
	Do It Best 20-27-5 New Lawn Starter		03N-05525	
	Chlorine, %		4.34	4.2
	Commercial Value		119.	119
	Iron, %		1.53	1
	Overall Index Value		100.	100
	Total Nitrogen, %		20.14	20
	Available Phosphate, %		26.78	27
	Soluble Potash, %		5.20	5
	Sulfur, %		4.67	3.5

Manufacturer Location	Product	Analyte	Found	Claim
	** Do It Best 28-3-3 Weed & Feed		03N-05526	
		Chlorine, %	3.16	2.5
		EXCESSIVE		
		Commercial Value	84.2	93
		Overall Index Value	98.2	100
		Total Nitrogen, %	26.90	28
		DEFICIENT		
		Available Phosphate, %	3.02	3
	Soluble Potash, %	4.30	3	
	Sulfur, %	3.76	3	
Eastern Farmers Coop				
Canton, SD				
	** Liquid Bulk Container Fertilizer 10-30-0		03N-06041	
		Commercial Value	81.6	90
		Overall Index Value	90.7	100
		DEFICIENT		
		Total Nitrogen, %	9.91	10
		Available Phosphate, %	25.84	30
	DEFICIENT			
Easy Gardener				
Waco, TX				
	Jobes Fertilizer Spikes		03N-02791	
		Commercial Value	84.4	65
		Overall Index Value	112.	100
		Total Nitrogen, %	11.74	10
		Available Phosphate, %	16.17	15
		Soluble Potash, %	16.80	15
	Root Feeder Refills		03N-03142	
		Commercial Value	97.4	90
		Overall Index Value	108.	100
		Total Nitrogen, %	10.98	10
		Available Phosphate, %	21.54	20
		Soluble Potash, %	21.43	20
	Jobes Fertilizer/Spikes Evergreen Trees & Shrubs		03N-08306	
		Chlorine, %	3.85	4
		Commercial Value	69.7	60
		Overall Index Value	116.	100
		Total Nitrogen, %	17.71	16
		Available Phosphate, %	5.80	4
	Soluble Potash, %	4.99	4	
Eau Claire Coop Oil Company				
Eau Claire, WI				
	Menards Premium Crabgrass Preventer		03N-04700	
		Commercial Value	97.5	90
		Iron, %	1.01	1
		Overall Index Value	108.	100
		Total Nitrogen, %	28.34	26
		Available Phosphate, %	2.30	2
	Soluble Potash, %	7.86	8	
	Forever Green Crabgrass Preventer 22-3-11		03N-04702	
		Commercial Value	83.3	83
		Iron, %	1.18	1
		Overall Index Value	100.	100
		Total Nitrogen, %	21.87	22
		Available Phosphate, %	3.42	3
		Soluble Potash, %	10.86	11
	Sulfur, %	1.69	1	

Manufacturer Location	Product	Analyte	Found	Claim
	leal Lawn Food 20-5-10		03N-04706	
		Commercial Value	83.6	80
		Overall Index Value	104.	100
		Total Nitrogen, %	21.09	20
		Available Phosphate, %	5.08	5
		Soluble Potash, %	10.16	10
Farmers Co-op Assc. Wilmot, SD				
	Custom Dry Bulk Fertilizer 34.64-5.06-10.20		03N-05969	
		Commercial Value	124.	124.24
		Overall Index Value	100.	100
		Total Nitrogen, %	33.78	34.64
		Available Phosphate, %	5.11	5.06
		Soluble Potash, %	12.71	10.2
Farmers Coop Assn Ethan, SD				
	Dry Custom Fertilizer 35.56-17.16-0		03N-05099	
		Commercial Value	142.	141
		Overall Index Value	101.	100
		Total Nitrogen, %	35.95	35.56
		Available Phosphate, %	17.23	17.16
	Dry Bulk Fertilizer 46-0-0		03N-05100	
		Total Nitrogen, %	46.80	46
	Dry Bulk Fertilizer 18-46-0		03N-05101	
		Commercial Value	145.	146
		Overall Index Value	99.1	100
		Total Nitrogen, %	17.63	18
		Available Phosphate, %	45.90	46
Farmers Coop Association Storla, SD				
	Custom Dry Fertilizer 36.55-14.04-0		03N-06209	
		Commercial Value	139.	123.73
		Overall Index Value	101.	100
		Total Nitrogen, %	37.47	36.55
		Available Phosphate, %	13.47	14.04
	Dry Bulk Fertilizer 46-0-0		03N-06210	
		Total Nitrogen, %	46.45	46
	Dry Bulk Fertilizer 0-0-60		03N-06212	
		Soluble Potash, %	58.92	60
	Liquid Bulk Fertilizer 28-0-0		03N-06214	
		Total Nitrogen, %	27.93	28
Farmers Coop Association Wagner, SD				
	** Custom Dry Bulk Fertilizer w/ Alfalfa & Grass 40-15-0		03N-04555	
		Commercial Value	126.	150
		Overall Index Value	82.6	100
		DEFICIENT		
		Total Nitrogen, %	33.30	40
		DEFICIENT		
		Available Phosphate, %	12.83	15
		DEFICIENT		
Farmers Coop Association (Storla) Letcher, SD				
	** Dry Bulk Fertilizer 11-52-0		03N-06211	
		Commercial Value	135.	137
		Overall Index Value	98.2	100
		Total Nitrogen, %	11.28	11
		Available Phosphate, %	50.79	52
		DEFICIENT		

Manufacturer Location	Product	Analyte	Found	Claim
	** Liquid Bulk Fertilizer 10-34-0		03N-06213	
		Commercial Value	94.2	98
		Overall Index Value	96.1	100
		DEFICIENT		
		Total Nitrogen, %	10.57	10
		Available Phosphate, %	31.86	34
		DEFICIENT		
Farmers Coop Elevator Avon, SD				
	** Custum Dry Bulk Fertilizer 9.4-44.3-8.8		03N-05205	
		Commercial Value	128.	125.6
		Overall Index Value	101.	100
		Total Nitrogen, %	9.78	9.4
		Available Phosphate, %	45.29	44.3
		Soluble Potash, %	7.69	8.8
		DEFICIENT		
Farmers Coop Elevator New Effington, SD				
	** Custom Dry Bulk Fertilizer 7.37-34.84-19.8		03N-05968	
		Commercial Value	118.	111.59
		Overall Index Value	106.	100
		Total Nitrogen, %	8.84	7.37
		Available Phosphate, %	37.34	34.84
		Soluble Potash, %	17.14	19.8
		DEFICIENT		
Farmers Plant Food Inc Garretson, SD				
	** Liquid Fertilizer 10-34-10		03N-04032	
		Commercial Value	97.0	98
		Overall Index Value	99.0	100
		Total Nitrogen, %	10.18	10
		Available Phosphate, %	33.04	34
		DEFICIENT		
	Dry Bulk Fertilizer 11-52-0		03N-04384	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.28	11
		Available Phosphate, %	52.07	52
	Liquid Bulk Fertilizer 28-0-0		03N-04466	
		Total Nitrogen, %	28.40	28
	** Liquid Fertilizer 8-21-5-5S		03N-05671	
		Commercial Value	82.3	71
		Overall Index Value	116.	100
		Total Nitrogen, %	25.47	8
		Available Phosphate, %	2.72	21
		DEFICIENT		
		Soluble Potash, %	0.67	5
		DEFICIENT		
		Sulfur, %	0.77	5
		DEFICIENT		
	** Liquid Bulk Fertilizer 12-0-0-0-26S		03N-06218	
		Total Nitrogen, %	11.52	12
		Sulfur, %	21.20	26
		DEFICIENT		
	Liquid Bulk Fertilizer 28-0-0		03N-08294	
		Total Nitrogen, %	27.92	28

Manufacturer Location	Product	Analyte	Found	Claim
Farmers Plant Food Inc				
Wolsey, SD				
	** BULK LIQUID FERTILIZER 10-0-0-26		03N-04307	
		Arsenic, ug/g (ppm)		
		Cadmium, ug/g (ppm)		
		Cobalt, ug/g (ppm)		
		Total Nitrogen, %	10.90	12
		DEFICIENT		
		Sulfur, %	23.89	26
		DEFICIENT		
		Lead, ug/g (ppm)		
		Mercury, ug/g (ppm)	<0.10	
		Molybdenum, ug/g (ppm)		
		Nickel, ug/g (ppm)		
		Selenium, ug/g (ppm)	<0.100	
		Zinc, ug/g (ppm)		
	** BULK LIQUID FERTILIZER 32-0-0		03N-04308	
		Total Nitrogen, %	31.00	32
		DEFICIENT		
	** BULK LIQUID FERTILIZER 32-0-0		03N-04309	
		Total Nitrogen, %	30.55	32
		DEFICIENT		
	** BULK LIQUID FERTILIZER 10-34-0		03N-04310	
		Commercial Value	76.2	98
		Overall Index Value	98.0	100
		Total Nitrogen, %	10.00	10
		Available Phosphate, %	33.11	34
		DEFICIENT		
	Liquid Fertilizer 28-0-0		03N-05670	
		Total Nitrogen, %	28.26	28
	** Liquid Bulk Fertilizer 10-34-0		03N-06216	
		Commercial Value	93.0	98
		Overall Index Value	94.9	100
		DEFICIENT		
		Total Nitrogen, %	10.15	10
		Available Phosphate, %	31.56	34
		DEFICIENT		
Farmers Union				
Wessington, SD				
	** Custom Dry Bulk Fertilizer 14.6-19.6-12.8-19.1S		03N-04473	
		Commercial Value	104.	95.5
		Overall Index Value	109.	100
		Total Nitrogen, %	16.60	14.55
		Available Phosphate, %	20.02	19.55
		Soluble Potash, %	13.40	12.75
		Sulfur, %	13.95	19.13
		DEFICIENT		
Farmers Union Coop Assn				
Alexandria, SD				
	Custom Dry Fertilizer 39.91-10-0		03N-05294	
		Commercial Value	140.	139.73
		Overall Index Value	101.	100
		Total Nitrogen, %	40.17	39.91
		Available Phosphate, %	9.98	10
	** Dry Bulk Fertilizer 18-46-0		03N-05479	
		Commercial Value	140.	146
		Overall Index Value	95.6	100
		DEFICIENT		
		Total Nitrogen, %	17.51	18
		Available Phosphate, %	43.51	46
		DEFICIENT		

Manufacturer Location	Product	Analyte	Found	Claim
Farmers Union Oil Assn Redfield, SD				
	Custom Blend Fertilizer 35.28-17.59-0		03N-05652	
		Commercial Value	143.	141.02
		Overall Index Value	101.	100
		Total Nitrogen, %	35.53	35.28
		Available Phosphate, %	18.15	17.59
Farmland Industries Kansas City, MO				
	Dry Bulk Fertilizer 11-52-0		03N-05509	
		Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	11.05	11
		Available Phosphate, %	51.81	52
Farmland Industries Rock Springs, WY				
	Dry Bulk Fertilizer 11-52-0 Bin 2		03N-07637	
		Commercial Value	136.	137
		Overall Index Value	99.5	100
		Total Nitrogen, %	11.00	11
		Available Phosphate, %	51.67	52
Farmland Industries Inc Kansas City, MO				
	Dry Bulk Fertilizer 11-52-0 Truck		03N-13495	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.14	11
		Available Phosphate, %	51.93	52
	Dry Bulk Fertilizer 11-52-0 South		03N-13496	
		Commercial Value	136.	137
		Overall Index Value	99.6	100
		Total Nitrogen, %	10.78	11
		Available Phosphate, %	52.08	52
	Dry Bulk Fertilizer 11-52-0 Middle		03N-13497	
		Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	10.98	11
		Available Phosphate, %	51.91	52
Gro Tec Inc Madison, GA				
	Evergreen Fertilizer Spikes		03N-03137	
		Chlorine, %	8.45	10
		Commercial Value	75.5	60
		Overall Index Value	126.	100
		Total Nitrogen, %	14.29	10
		Available Phosphate, %	10.65	10
		Soluble Potash, %	11.31	10
	** Garden Basics Tree & Shrub Fertilizer Spikes		03N-08012	
		Chlorine, %	8.85	9
		Commercial Value	79.0	77
		Overall Index Value	103.	100
		Total Nitrogen, %	16.68	16
		Available Phosphate, %	8.92	10
		DEFICIENT		
		Soluble Potash, %	11.10	9

Manufacturer Location	Product	Analyte	Found	Claim
	Garden Basics Evergreen Fertilizer Spikes		03N-08013	
		Chlorine, %	10.03	10
		Commercial Value	77.3	60
		Overall Index Value	129.	100
		Total Nitrogen, %	13.32	10
		Available Phosphate, %	12.29	10
		Soluble Potash, %	12.76	10
Hardware Wholesales Inc.				
Ft. Wayne, IN				
	Do It Best 28-3-4 Crabgrass Preventer Plus Lawn Fertilizer		03N-05523	
		Chlorine, %	3.25	3.4
		Commercial Value	95.9	94
		Overall Index Value	102.	100
		Total Nitrogen, %	28.66	28
		Available Phosphate, %	2.82	3
		Soluble Potash, %	4.26	4
		Sulfur, %	3.31	2.8
Harvest Land Coop.				
Springfield, MN				
	** Dry Bulk Fertilizer 18-46-0		03N-04387	
		Arsenic, ug/g (ppm)		
		Cadmium, ug/g (ppm)		
		Cobalt, ug/g (ppm)		
		Commercial Value	144.	146
		Overall Index Value	98.4	100
		Total Nitrogen, %	17.88	18
		Available Phosphate, %	44.73	46
		DEFICIENT		
		Lead, ug/g (ppm)		
		Mercury, ug/g (ppm)	<0.10	
		Molybdenum, ug/g (ppm)		
		Nickel, ug/g (ppm)		
		Selenium, ug/g (ppm)	0.156	
		Zinc, ug/g (ppm)		
Hazel Farmers Elevator				
Hazel, SD				
	Custom Blend Fertilizer 36.24-15.95-0		03N-05658	
		Commercial Value	141.	140.62
		Overall Index Value	100.	100
		Total Nitrogen, %	36.54	36.24
		Available Phosphate, %	15.77	15.95
Helena Chemical Co.				
Marshall, MN				
	** Dry Bulk Fertilizer Agricultural Sulfur		03N-05113	
		Sulfur, %	87.42	90
		DEFICIENT		
Howard Johnsons Enterprises Inc				
Milwaukee, WI				
	** Hardware Hank Weed & Feed Plus w/ Triamine 26-3-4		03N-04311	
		Commercial Value	89.6	88
		Overall Index Value	107.	100
		Total Nitrogen, %	27.17	26
		Available Phosphate, %	2.12	3
		DEFICIENT		
		Soluble Potash, %	3.70	4

Manufacturer Location	Product	Analyte	Found	Claim
	Howard Johnsons Premium Fertilizer Weed & Feed 26-3-4		03N-05521	
		Commercial Value	87.8	88
		Iron, %	1.43	1
		Overall Index Value	99.8	100
		Total Nitrogen, %	25.55	26
		Available Phosphate, %	3.38	3
		Soluble Potash, %	4.42	4
		Sulfur, %	2.86	2
	** Howard Johnsons All Purpose Fertilizer 16-16-16		03N-07252	
		Commercial Value	96.2	96
		Overall Index Value	100.	100
		Total Nitrogen, %	15.64	16
		Available Phosphate, %	17.47	16
		Soluble Potash, %	14.28	16
		DEFICIENT		
Howe Company				
Minneapolis, MN				
	Howe Maxi Green 25-0-12		03N-04886	
		Commercial Value	90.6	87
		Iron, %	0.90	1
		Overall Index Value	104.	100
		Total Nitrogen, %	26.20	25
		Soluble Potash, %	12.01	12
		Sulfur, %	2.21	2.5
IMC USA Inc.				
Lake Forest, IL				
	Bulk Dry Fertilizer 0-0-62		03N-03803	
		Soluble Potash, %	62.01	62
	Dry Bulk Fertilizer 0-0-60		03N-04891	
		Soluble Potash, %	61.37	60
	Dry Bulk Fertilizer 0-0-62		03N-06042	
		Soluble Potash, %	61.77	62
J.R. Peters Inc.				
Allentown, PA				
	Jacks Classic All Purpose 20-20-20 Plant Food		03N-05188	
		Commercial Value	93.7	120
		Iron, %	0.09	0.1
		Overall Index Value	104.	100
		Total Nitrogen, %	20.48	20
		Available Phosphate, %	22.09	20
		Soluble Potash, %	20.64	20
Jirdon Agri Chemicals Inc				
Morrill, NE				
	Bill's Rose Fertilizer 10-10-2		03N-04564	
		Commercial Value	65.4	52
		Iron, %	3.79	3.5
		Overall Index Value	126.	100
		Total Nitrogen, %	13.87	10
		Available Phosphate, %	10.44	10
		Soluble Potash, %	2.89	2
		Sulfur, %	17.50	12
Johnsons Ranchers Supply Inc				
Wall, SD				
	Bulk Liquid Fertilizer 28-0-0		03N-05880	
		Total Nitrogen, %	28.67	28

Manufacturer Location	Product	Analyte	Found	Claim	
	** Bulk Liquid Fertilizer 10-34-0		03N-05881		
		Commercial Value	97.2	98	
		Overall Index Value	99.1	100	
		Total Nitrogen, %	10.40	10	
		Available Phosphate, %	33.10	34	
		DEFICIENT			
		Liquid Bulk Fertilizer 28-0-0 Tank 8		03N-07661	
		Total Nitrogen, %	29.08	28	
		** Custom Dry Bulk Fertilizer 29-26-0		03N-07663	
		Commercial Value	139	139	
	Overall Index Value	99.7	100		
	Total Nitrogen, %	29.99	29		
	Available Phosphate, %	24.47	26		
	DEFICIENT				
JR Simplot					
Rock Springs, WY					
	Dry Bulk Fertilizer 11-52-0		03N-03457		
	Commercial Value	136.	137		
	Overall Index Value	99.1	100		
	Total Nitrogen, %	10.99	11		
	Available Phosphate, %	51.37	52		
Lake Preston Farm Supply					
Lake Preston, SD					
	Custom Dry Bulk Fertilizer 28.59-28.6-0		03N-05499		
	Commercial Value	143.	142.97		
	Overall Index Value	99.9	100		
	Total Nitrogen, %	28.86	28.59		
	Available Phosphate, %	28.10	28.6		
	Custom Dry Bulk Fertilizer 25.7-23.6-7.7		03N-05500		
	Commercial Value	133.	132.09		
	Overall Index Value	101.	100		
	Total Nitrogen, %	25.97	25.7		
	Available Phosphate, %	23.91	23.64		
	Soluble Potash, %	7.20	7.71		
Lebanon Seaboard Corp					
Lebanon, PA					
	Preen N Green 28-2-5		03N-04414		
	Commercial Value	97.6	95		
	Overall Index Value	105.	100		
	Total Nitrogen, %	28.84	28		
	Available Phosphate, %	2.81	2		
	Soluble Potash, %	5.50	5		
Madison Farmers Elevator					
Madison, SD					
	** Dry Fertilizer 0-0-60		03N-05694		
	Soluble Potash, %	56.60	60		
	DEFICIENT				
Madison Farmers Elevator					
Ramona, SD					
	Custom Dry Fertilizer 38.16-7.08-4.62		03N-05693		
	Commercial Value	136.	133.26		
	Overall Index Value	102.	100		
	Total Nitrogen, %	38.65	38.16		
	Available Phosphate, %	7.67	7.08		
	Soluble Potash, %	4.50	4.62		

Manufacturer Location	Product	Analyte	Found	Claim
	** Custom Dry Fertilizer 35.07-17.96-0		03N-05698	
		Commercial Value	143.	141.13
		Overall Index Value	101.	100
		Total Nitrogen, %	38.08	35.07
		Available Phosphate, %	14.31	17.96
		DEFICIENT		
Meckling Fertilizer Inc				
Meckling, SD				
	Custom Dry Bulk Fertilizer 10-32-13-4.26S		03N-06045	
		Commercial Value	107.	107
		Overall Index Value	100.	100
		Total Nitrogen, %	10.36	10
		Available Phosphate, %	31.77	32
		Soluble Potash, %	12.38	13
		Sulfur, %	4.96	4.26
Mettler Fertilizer Inc				
Menno, SD				
	Custom Liquid Fertilizer 21.54-2.69-2.69		03N-05519	
		Commercial Value	74.6	72.69
		Overall Index Value	103.	100
		Total Nitrogen, %	21.97	21.54
		Available Phosphate, %	3.13	2.69
		Soluble Potash, %	2.43	2.69
Mettler Fertilizer of Freeman				
Freeman, SD				
	** Custom Dry Blend 6.26/29.59/24.39		03N-04027	
		Arsenic, ug/g (ppm)		
		Cadmium, ug/g (ppm)		
		Cobalt, ug/g (ppm)		
		Commercial Value	102.	102.35
		Overall Index Value	100.	100
		Total Nitrogen, %	6.63	6.26
		Available Phosphate, %	28.45	29.59
		DEFICIENT		
		Soluble Potash, %	25.70	24.39
		Lead, ug/g (ppm)		
		Mercury, ug/g (ppm)	<0.10	
		Molybdenum, ug/g (ppm)		
		Nickel, ug/g (ppm)		
		Selenium, ug/g (ppm)	0.141	
		Zinc, ug/g (ppm)		
Midwest Coop				
Martin, SD				
	Liquid Bulk Fertilizer 28-0-0		03N-06073	
		Total Nitrogen, %	30.32	28
Midwest Cooperatives				
Onida, SD				
	** 11-52-0 DRY BULK FERTILIZER		03N-03064	
		Commercial Value	125.	137
		Overall Index Value	99.0	100
		Total Nitrogen, %	11.15	11
		Available Phosphate, %	51.12	52
		DEFICIENT		

Manufacturer Location	Product	Analyte	Found	Claim
Midwest Cooperatives Pierre, SD				
	Liquid Bulk Fertilizer 10-34-0		03N-04467	
		Commercial Value	99.2	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.30	10
		Available Phosphate, %	34.17	34
Milorganite Division-MMSD Milwaukee, WI				
	Dry Container Fertilizer Milorganite Fertilizer 6-2-0		03N-04900	
		Calcium, %	1.33	1.2
		Commercial Value	27.8	22
		Iron, %	4.58	4
		Overall Index Value	126.	100
		Total Nitrogen, %	6.76	6
		Available Phosphate, %	3.77	2
Miracle Gro Lawn Products Marysville, OH				
	Miracle Gro-Lawn Fertilizer 31-3-9		03N-04417	
		Commercial Value	112.	108
		Iron, %	2.40	2
		Overall Index Value	103.	100
		Total Nitrogen, %	31.56	31
		Available Phosphate, %	3.35	3
		Soluble Potash, %	10.30	9
		Sulfur, %	5.16	3.5
	Miracle-Gro Indoor Plant Food Spikes		03N-08024	
		Commercial Value	49.2	48
		Overall Index Value	103.	100
		Total Nitrogen, %	5.87	6
		Available Phosphate, %	12.43	12
		Soluble Potash, %	6.76	6
North Central Farmers Elevator Ipswich, SD				
	Liquid Bulk Fertilizer 10-34-0		03N-07513	
		Commercial Value	98.4	98
		Overall Index Value	100.	100
		Total Nitrogen, %	10.40	10
		Available Phosphate, %	33.59	34
	Liquid Bulk Fertilizer 28-0-0		03N-07514	
		Total Nitrogen, %	28.26	28
Nutra-Flo Company Sioux City, IA				
	Dry Bulk Fertilizer 10-34-0		03N-05173	
		Commercial Value	97.1	98
		Overall Index Value	99.1	100
		Total Nitrogen, %	10.02	10
		Available Phosphate, %	33.53	34
	Liquid Bulk Fertilizer 10-34-0		03N-06072	
		Commercial Value	103.	98
		Overall Index Value	105.	100
		Total Nitrogen, %	10.67	10
		Available Phosphate, %	35.55	34
	** Liquid Bulk Fertilizer 10-0-0-15Zn		03N-06217	
		Total Nitrogen, %	12.44	10
		Zinc, %	13.65	15
		DEFICIENT		

Manufacturer Location	Product	Analyte	Found	Claim
	Liquid Bulk Fertilizer 12-0-0-26S Tank 4		03N-07660	
		Total Nitrogen, %	12.20	12
		Sulfur, %	25.00	26
Ocean Crest Seafood Gloucester, MA	Organic Fish & Seaweed Fertilizer		03N-06572	
		Commercial Value	13.8	13
		Overall Index Value	106.	100
		Total Nitrogen, %	1.69	2
		Available Phosphate, %	3.81	3
		Soluble Potash, %	1.10	1
PCS Sales Koromville Manitoba, CN	Dry Bulk Fertilizer 0-0-60		03N-05171	
		Soluble Potash, %	60.26	60
PCS Sales Saskatoon, Saskatchewan, CN	0-0-60 DRY BULK FERTILIZER		03N-03054	
		Soluble Potash, %	59.22	60
	0-0-60 DRY BULK FERTILIZER		03N-03065	
		Soluble Potash, %	60.66	60
	Dry Bulk Fertilizer 11-52-0		03N-04892	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.43	11
		Available Phosphate, %	51.94	52
	Dry Bulk Fertilizer 0-0-60		03N-05111	
		Soluble Potash, %	59.48	60
	Dry Bulk Fertilizer 0-0-60		03N-05199	
		Soluble Potash, %	62.03	60
	Dry Bulk Fertilizer 0-0-60		03N-06046	
		Soluble Potash, %	60.35	60
PCS Sales (USA) Inc. Northbrook, IL	Dry Bulk Fertilizer 0-0-60		03N-04468	
		Soluble Potash, %	59.49	60
	Dry Bulk Fertilizer 0-0-60		03N-05663	
		Soluble Potash, %	59.91	60
Potash Corp. of Saskatchewan Saskatoon SAS,	** Dry Bulk Fertilizer 0-0-60 Potash		03N-05195	
		Soluble Potash, %	58.35	60
		DEFICIENT		
Pursell Industries Inc Sylacauga, AL	ACE Premium Summerizer Plus Lawn Insect Control		03N-04415	
		Commercial Value	56.0	52
		Overall Index Value	108.	100
		Total Nitrogen, %	15.02	15
		Available Phosphate, %	2.73	2
		Soluble Potash, %	5.51	3

Manufacturer Location	Product	Analyte	Found	Claim	
	** ACE Super Green Turf Lawn Fertilizer		03N-04558		
		Commercial Value	92.0	99	
		Overall Index Value	92.9	100	
		DEFICIENT			
		Total Nitrogen, %	27.04	30	
		DEFICIENT			
		Available Phosphate, %	3.86	3	
		Soluble Potash, %	3.14	3	
		Sulfur, %	1.77	1	
		KGRO Weed & Feed 28-3-3		03N-07248	
		Commercial Value	105.	93	
		Overall Index Value	113.	100	
		Total Nitrogen, %	30.61	28	
		Available Phosphate, %	4.54	3	
		Soluble Potash, %	3.98	3	
		** Super Ace Green Turf 30-3-3		03N-07255	
		Commercial Value	94.8	99	
		Iron, %	2.70	2	
		Overall Index Value	95.8	100	
		DEFICIENT			
		Total Nitrogen, %	28.84	30	
		DEFICIENT			
		Available Phosphate, %	2.57	3	
		Soluble Potash, %	3.65	3	
		Sulfur, %	1.33	1	
		StaGreen Lawn Fertilizer		03N-08298	
		Commercial Value	100.	96	
		Iron, %	1.25	1	
		Overall Index Value	104.	100	
		Total Nitrogen, %	29.63	29	
	Available Phosphate, %	2.46	2		
	Soluble Potash, %	6.30	5		
Quali Trade Inc.					
Jordan, MN					
	Ammonium Sulfate AMS 21-0-0-24		03N-06047		
	Total Nitrogen, %	21.18	21		
	Sulfur, %	23.91	24		
Ramsdell F & M Ltd					
Flandreau, SD					
	Bulk Liquid Fertilizer 0-0-32		03N-03798		
	Soluble Potash, %	30.59	32		
	** Custom Liquid Fertilizer 5-15-15		03N-03799		
	Commercial Value	89.2	60		
	Overall Index Value	149.	100		
	Total Nitrogen, %	10.46	5		
	Available Phosphate, %	28.51	15		
	Soluble Potash, %	0.51	15		
	DEFICIENT				
	Custom Dry Fertilizer 28.4-13.1-13.1		03N-03804		
	Commercial Value	126.	124.5		
	Overall Index Value	101.	100		
	Total Nitrogen, %	28.08	28.4		
	Available Phosphate, %	13.32	13.1		
	Soluble Potash, %	14.73	13.1		
	Liquid Fertilizer 10-30-0		03N-03805		
	Commercial Value	90.7	90		
	Overall Index Value	101.	100		
	Total Nitrogen, %	10.39	10		
	Available Phosphate, %	29.78	30		

Manufacturer Location	Product	Analyte	Found	Claim
Ross Daniels/Weatherly Consumer Prod Lexington, KY				
	Ross Root Feeder Refills 10-25-15		03N-04563	
		Commercial Value	105.	95
		Overall Index Value	111.	100
		Total Nitrogen, %	11.26	10
		Available Phosphate, %	27.75	25
		Soluble Potash, %	16.15	15
Sanborn County Farmers Union Oil Woonsocket, SD				
	** Custom Blend Fertilizer 35.23-16-0		03N-04386	
		Commercial Value	138.	137.69
		Overall Index Value	117.	100
		Total Nitrogen, %	36.50	35.23
		Available Phosphate, %	14.55	16
		DEFICIENT		
Saskferco Belle Plaine, Sask., CN				
	Dry Bulk Fertilizer 46-0-0		03N-03456	
		Total Nitrogen, %	46.45	46
	Dry Bulk Fertilizer 46-0-0		03N-04403	
		Total Nitrogen, %	46.65	46
	Dry Bulk Fertilizer 46-0-0		03N-05170	
		Total Nitrogen, %	46.60	46
	Dry Bulk Fertilizer 46-0-0		03N-06219	
		Total Nitrogen, %	46.57	46
	Dry Bulk Fertilizer 46-0-0		03N-13498	
		Total Nitrogen, %	46.60	46
Saskferco Regina, Saskatchewan,				
	Dry Bulk Fertilizer 0-0-60		03N-05218	
		Soluble Potash, %	59.69	60
Saskferco Belle Plaine Saskatchewan, CN				
	Dry Bulk Fertilizer 46-0-0		03N-07654	
		Total Nitrogen, %	46.62	46
Schultz Company Bridgeton, MO				
	** Bloom Plus		03N-03443	
		Commercial Value	156.	160
		Overall Index Value	97.7	100
		DEFICIENT		
		Total Nitrogen, %	9.70	10
		Available Phosphate, %	58.41	60
		DEFICIENT		
		Soluble Potash, %	10.14	10
	Schultz Orchid Food 19-31-17		03N-03796	
		Commercial Value	140.	136
		Overall Index Value	103.	100
		Total Nitrogen, %	19.24	19
		Available Phosphate, %	32.84	31
		Soluble Potash, %	16.19	17

Manufacturer Location	Product	Analyte	Found	Claim
	Schultz Expert Tomato & Vegetable Plant Food 10-12-12		03N-03797	
		Chlorine, %	4.47	9
		Commercial Value	72.1	66
		Iron, %	2.37	1
		Overall Index Value	109.	100
		Total Nitrogen, %	11.21	10
		Available Phosphate, %	13.24	12
		Soluble Potash, %	11.96	12
		Sulfur, %	3.96	2
	** Schultz Expert Gardener Bloom Plus 10-60-10		03N-04314	
		Commercial Value	155.	160
		Overall Index Value	97.0	100
		DEFICIENT		
		Total Nitrogen, %	9.78	10
		Available Phosphate, %	58.13	60
		DEFICIENT		
		Soluble Potash, %	10.24	10
	Schultz Expert Gardener All Purpose Granular Plant Food		03N-04559	
		Chlorine, %	9.75	9
		Commercial Value	84.4	84
		Overall Index Value	100.	100
		Total Nitrogen, %	16.15	16
		Available Phosphate, %	11.76	12
		Soluble Potash, %	12.45	12
		Sulfur, %	3.45	2
	Schultz African Violet Plus 8-14-9		03N-04696	
		Commercial Value	62.5	61
		Overall Index Value	102.	100
		Total Nitrogen, %	7.91	8
		Available Phosphate, %	14.93	14
		Soluble Potash, %	8.93	9
	** Schultz Multicote All Purpose Slow Release		03N-04697	
		Commercial Value	78.6	78
		Overall Index Value	101.	100
		Magnesium, %	4.50	1
		Total Nitrogen, %	17.99	18
		Available Phosphate, %	6.94	6
		Soluble Potash, %	10.73	12
		DEFICIENT		
	** Schultz Expert Gardener Bloom Plus		03N-08014	
		Commercial Value	156.	160
		Overall Index Value	97.8	100
		DEFICIENT		
		Total Nitrogen, %	9.69	10
		Available Phosphate, %	58.94	60
		DEFICIENT		
		Soluble Potash, %	9.89	10
	Garden Safe Liquid All Purpose Plant Food		03N-08015	
		Commercial Value	19.4	16
		Overall Index Value	121.	100
		Total Nitrogen, %	3.04	3
		Available Phosphate, %	1.03	1
		Soluble Potash, %	8.25	5
	Garden Safe Liquid Tomato & Vegetable Plant Food		03N-08017	
		Commercial Value	14.8	9
		Overall Index Value	165.	100
		Total Nitrogen, %	2.60	1
		Available Phosphate, %	1.17	1
		Soluble Potash, %	4.68	4

Manufacturer Location	Product	Analyte	Found	Claim
	Schultz MultiCote Slow-Release Plant Food		03N-08019	
		Commercial Value	80.9	72
		Overall Index Value	104.	100
		Magnesium, %	2.62	1
		Total Nitrogen, %	18.89	18
		Available Phosphate, %	6.22	6
		Soluble Potash, %	11.78	12
	** Schultz MultiCote Slow Release Plant Food		03N-08303	
		Commercial Value	105.	102
		Overall Index Value	103.	100
		Total Nitrogen, %	18.17	17
		Available Phosphate, %	17.12	17
		Soluble Potash, %	15.82	17
		DEFICIENT		
		Sulfur, %	1.72	3.8
		DEFICIENT		
Scotts Company				
Marysville, OH				
	Scotts Turf Builder with Plus2 Weed Control		03N-02789	
		Commercial Value	94.5	93
		Overall Index Value	102.	100
		Total Nitrogen, %	28.14	28
		Available Phosphate, %	3.33	3
		Soluble Potash, %	3.46	3
	ORTHO Vegetable Food 8-10-8		03N-03441	
		Chlorine, %	6.04	7
		Commercial Value	59.3	52
		Overall Index Value	114.	100
		Total Nitrogen, %	9.47	8
		Available Phosphate, %	11.40	10
		Soluble Potash, %	8.09	8
	Scotts All Purpose Plant Food 18-9-18		03N-03442	
		Commercial Value	93.0	90
		Overall Index Value	103.	100
		Total Nitrogen, %	18.44	18
		Available Phosphate, %	8.90	9
		Soluble Potash, %	19.85	18
		Sulfur, %	7.77	6.7
	Starter Fert 20-27-5		03N-03444	
		Commercial Value	124.	119
		Overall Index Value	104.	100
		Total Nitrogen, %	20.87	20
		Available Phosphate, %	27.63	27
		Soluble Potash, %	6.32	5
	Scotts 10-10-10		03N-03793	
		Commercial Value	71.5	60
		Overall Index Value	119.	100
		Total Nitrogen, %	11.98	10
		Available Phosphate, %	11.59	10
		Soluble Potash, %	12.39	10
		Sulfur, %	3.23	2
	Scotts Super Turf Builder Lawn Fertilizer		03N-04312	
		Commercial Value	102.	99
		Overall Index Value	103.	100
		Total Nitrogen, %	30.85	30
		Available Phosphate, %	3.19	3
		Soluble Potash, %	3.43	3

Manufacturer Location	Product	Analyte	Found	Claim
	Miracle-Gro Tomato Plant Food		03N-04313	
		Commercial Value	119.	111
		Overall Index Value	107.	100
		Total Nitrogen, %	20.03	18
		Available Phosphate, %	18.40	18
		Soluble Potash, %	21.70	21
	Scotts Super Turf Builer with Plus 2 Weed Control		03N-04416	
		Commercial Value	97.5	96
		Overall Index Value	102.	100
		Total Nitrogen, %	29.19	29
		Available Phosphate, %	3.41	3
		Soluble Potash, %	3.14	3
		Sulfur, %	10.94	9
	Dry Fertilizer 20-27-5		03N-04677	
		Commercial Value	124.	119
		Overall Index Value	104.	100
		Total Nitrogen, %	21.13	20
		Available Phosphate, %	27.61	27
		Soluble Potash, %	5.03	5
	Dry Container Fertilizer 31-3-9 plus 2% iron		03N-05093	
		Commercial Value	114.	108
		Iron, %	2.94	2
		Overall Index Value	106.	100
		Total Nitrogen, %	32.63	31
		Available Phosphate, %	3.47	3
		Soluble Potash, %	9.39	9
		Sulfur, %	3.61	3.5
	Miracle Gro Houseplant Food 8-7-6		03N-05186	
		Commercial Value	46.4	44
		Overall Index Value	105.	100
		Total Nitrogen, %	8.46	8
		Available Phosphate, %	7.44	7
		Soluble Potash, %	6.12	6
	Blossom Booster 18-22-8		03N-06559	
		Commercial Value	115.	106
		Overall Index Value	109.	100
		Total Nitrogen, %	20.58	18
		Available Phosphate, %	22.16	22
		Soluble Potash, %	9.31	8
		Sulfur, %	4.57	2.8
	Scotts Weed and Feed 27-4-4		03N-06561	
		Commercial Value	91.2	93
		Overall Index Value	98.1	100
		Total Nitrogen, %	26.50	27
		Available Phosphate, %	3.93	4
		Soluble Potash, %	3.87	4
		Sulfur, %	13.37	10
	Scotts Lawn Fertilizer w/ 2% Iron 31-3-9		03N-06562	
		Commercial Value	108.	108
		Iron, %	4.63	2
		Overall Index Value	106.	100
		Total Nitrogen, %	30.79	31
		Available Phosphate, %	2.99	3
		Soluble Potash, %	9.26	9
		Sulfur, %	3.65	3.5

Manufacturer Location	Product	Analyte	Found	Claim
	Osmocote Plant Food		03N-06570	
		Commercial Value	85.0	84
		Overall Index Value	101.	100
		Total Nitrogen, %	14.26	14
		Available Phosphate, %	14.02	14
		Soluble Potash, %	14.21	14
	Scotts Turf Builder Lawn Fertilizer 29-3-4		03N-07250	
		Commercial Value	98.9	97
		Iron, %	1.07	1
		Overall Index Value	102.	100
		Total Nitrogen, %	29.31	29
		Available Phosphate, %	3.20	3
		Soluble Potash, %	4.55	4
		Sulfur, %	9.02	6
	Scotts Turf Builder w/ Summer Guard 28-3-8		03N-07253	
		Commercial Value	105.	98
		Overall Index Value	107.	100
		Total Nitrogen, %	29.73	28
		Available Phosphate, %	3.32	3
		Soluble Potash, %	8.93	8
		Sulfur, %	9.38	8.8
	Miracle-Gro Liquid African Violet Plant Food		03N-07329	
		Commercial Value	46.5	42
		Overall Index Value	111.	100
		Total Nitrogen, %	7.80	7
		Available Phosphate, %	8.03	7
		Soluble Potash, %	7.07	7
	Miracle-Gro Liquid House Plant Food		03N-07330	
		Commercial Value	46.4	44
		Overall Index Value	105.	100
		Total Nitrogen, %	8.49	8
		Available Phosphate, %	7.34	7
		Soluble Potash, %	6.22	6
	Miracle-Gro Liquid QuickStart Plant Food		03N-07331	
		Commercial Value	43.0	40
		Overall Index Value	108.	100
		Total Nitrogen, %	4.36	4
		Available Phosphate, %	12.77	12
		Soluble Potash, %	4.43	4
	Miracle-Gro Liquid All Purpose Plant Food		03N-07332	
		Commercial Value	52.5	52
		Overall Index Value	101.	100
		Total Nitrogen, %	11.94	12
		Available Phosphate, %	4.36	4
		Soluble Potash, %	7.98	8
	Miracle-Gro Liquid All Purpose Plant Food		03N-08016	
		Commercial Value	53.9	52
		Overall Index Value	104.	100
		Total Nitrogen, %	11.94	12
		Available Phosphate, %	4.90	4
		Soluble Potash, %	8.30	8
	Scotts All Purpose Plant Food 18-9-18		03N-08022	
		Commercial Value	94.3	90
		Overall Index Value	105.	100
		Total Nitrogen, %	19.64	18
		Available Phosphate, %	8.96	9
		Soluble Potash, %	17.49	18
		Sulfur, %	7.48	6.7

Manufacturer Location	Product	Analyte	Found	Claim
	Scotts All Purpose Flower & Vegetable Slow Release Plant		03N-08023	
		Commercial Value	72.7	60
		Overall Index Value	121.	100
		Total Nitrogen, %	10.53	10
		Available Phosphate, %	15.10	10
		Soluble Potash, %	10.88	10
		Sulfur, %	2.59	2
	Osmocote Slow Release Plant Food		03N-08302	
		Commercial Value	86.5	81
		Overall Index Value	107.	100
		Total Nitrogen, %	20.01	19
		Available Phosphate, %	6.90	6
		Soluble Potash, %	12.70	12
	Miracle-Gro Liquid Houseplant Food		03N-08305	
		Commercial Value	47.5	44
		Overall Index Value	108.	100
		Total Nitrogen, %	8.57	8
		Available Phosphate, %	7.46	7
		Soluble Potash, %	6.87	6
Scrypton Systems Inc				
Annapolis, MD				
	** Ocean Gro All Purpose Environmental Plant Food 4-4-4		03N-04315	
		Arsenic, ug/g (ppm)		
		Cadmium, ug/g (ppm)		
		Cobalt, ug/g (ppm)		
		Commercial Value	27.3	24
		Iron, %	0.11	10
		DEFICIENT		
		Overall Index Value	114.	100
		Total Nitrogen, %	3.79	4
		Available Phosphate, %	5.66	4
		Soluble Potash, %	4.64	4
		Lead, ug/g (ppm)		
		Mercury, ug/g (ppm)	<0.10	
		Molybdenum, ug/g (ppm)		
		Nickel, ug/g (ppm)		
		Selenium, ug/g (ppm)	0.181	
		Zinc, ug/g (ppm)		
SD Wheat Growers				
Wolsey, SD				
	Dry Bulk Fertilizer 46-0-0		03N-05223	
		Total Nitrogen, %	46.63	46
SD Wheatgrowers Assn				
Aberdeen, SD				
	Custom Dry Fertilizer 35-18-0		03N-05081	
		Commercial Value	141.	141
		Overall Index Value	99.8	100
		Total Nitrogen, %	34.45	35
		Available Phosphate, %	18.82	18
SD Wheatgrowers Assn				
Huron, SD				
	Custom Dry Bulk Fertilizer 38-9-0		03N-04478	
		Commercial Value	132.	132
		Overall Index Value	99.8	100
		Total Nitrogen, %	37.51	38
		Available Phosphate, %	9.61	9
		Zinc, %	1.50	1.4

Manufacturer Location	Product	Analyte	Found	Claim
	** Custom Dry Bulk Fertilizer		03N-04479	
		Commercial Value	118.	121
		Overall Index Value	97.7	100
		DEFICIENT		
		Total Nitrogen, %	30.05	32
		DEFICIENT		
		Available Phosphate, %	7.63	8
		Soluble Potash, %	11.82	9
		Zinc, %	1.36	1.2
	Custom Dry Bulk Fertilizer 30-15-6-1.3Zn		03N-04480	
		Commercial Value	107.	126
		Overall Index Value	99.3	100
		Total Nitrogen, %	29.57	30
		Available Phosphate, %	14.34	15
		Soluble Potash, %	7.82	6
		Zinc, %	1.29	1.3
	** Custom Dry Bulk Fertilizer 29-26-0		03N-06554	
		Commercial Value	137.	139
		Overall Index Value	98.3	100
		Total Nitrogen, %	29.96	29
		Available Phosphate, %	24.20	26
		DEFICIENT		
SF Fertilizers/Phosphates				
Rock Springs, WY				
	Dry Bulk Fertilizer 11-52-0		03N-05882	
		Commercial Value	135.	137
		Overall Index Value	98.7	100
		Total Nitrogen, %	10.61	11
		Available Phosphate, %	51.69	52
Simplot				
Rock Springs, WY				
	Dry Bulk Fertilizer 11-52-0		03N-04404	
		Commercial Value	136.	137
		Overall Index Value	99.5	100
		Total Nitrogen, %	11.15	11
		Available Phosphate, %	51.45	52
South Plain Ag				
Scotland, SD				
	Liquid Fertilizer 9-18-9		03N-04031	
		Commercial Value	74.4	72
		Overall Index Value	103.	100
		Total Nitrogen, %	9.25	9
		Available Phosphate, %	19.04	18
		Soluble Potash, %	8.57	9
Southwest Grain				
Lemmon, SD				
	Custom Dry Bulk Fertilizer 15-15-5		03N-04894	
		Commercial Value	130.	80
		Overall Index Value	162.	100
		Total Nitrogen, %	24.60	15
		Available Phosphate, %	23.99	15
		Soluble Potash, %	7.83	5

Manufacturer Location	Product	Analyte	Found	Claim
Spectrum Group-Div of United Industries				
St. Louis, MO				
	Peters All Purpose Plant Food		03N-02793	
	Commercial Value		121.	120
	Overall Index Value		101.	100
	Total Nitrogen, %		19.94	20
	Available Phosphate, %		19.74	20
	Soluble Potash, %		21.32	20
Swiss Farm Products, Inc.				
Las Vegas, NV				
	KGRO All Purpose Plant Food		03N-07333	
	Commercial Value		126.	120
	Overall Index Value		105.	100
	Total Nitrogen, %		15.24	15
	Available Phosphate, %		31.29	30
	Soluble Potash, %		17.26	15
	KGRO Acid Plant Food		03N-07334	
	Commercial Value		132.	130
	Overall Index Value		110.	100
	Total Nitrogen, %		30.50	30
	Available Phosphate, %		13.36	10
	Soluble Potash, %		13.53	10
	** KGRO Rose Food		03N-07335	
	Commercial Value		107.	118
	Overall Index Value		91.1	100
	DEFICIENT			
	Total Nitrogen, %		19.31	18
	Available Phosphate, %		16.37	24
	DEFICIENT			
	Soluble Potash, %		17.18	16
Tabor Lumber Coop				
Tabor, SD				
	Custom Dry Bulk Fertilizer 37-15-0		03N-05885	
	Commercial Value		142.	141
	Overall Index Value		100.	100
	Total Nitrogen, %		37.13	37
	Available Phosphate, %		14.94	14.8
Terra Nitrogen Corp				
Sioux City, IA				
	28-0-0 LIQUID BULK FERTILIZER		03N-03057	
	Total Nitrogen, %		28.02	28
	Liquid Bulk Fertilizer 28-0-0		03N-05172	
	Total Nitrogen, %		27.25	28
	Liquid Bulk Fertilizer 32-0-0		03N-06411	
	Total Nitrogen, %		31.71	32
Tetra Sales				
Blacksburg, VA				
	Tetra Pond Lily Gro		03N-04562	
	Commercial Value		69.7	66
	Overall Index Value		106.	100
	Total Nitrogen, %		10.60	10
	Available Phosphate, %		14.83	14
	Soluble Potash, %		8.22	8

Manufacturer Location	Product	Analyte	Found	Claim
The Espoma Co.				
Millville, NJ				
	** Tree Tone Plant Food 9-5-4		03N-06571	
	Calcium, %		2.38	3
	DEFICIENT			
	Commercial Value		46.6	41
	Iron, %		0.97	1
	Overall Index Value		114.	100
	Total Nitrogen, %		9.09	9
	Available Phosphate, %		6.67	5
	Soluble Potash, %		5.98	4
	Sulfur, %		11.27	5
The Solarius Group of Monsanto				
San Ramon, CA				
	Green Sweep Lawn Food 27-0-1 w/ 1/2% Iron		03N-04026	
	Commercial Value		84.4	82
	Overall Index Value		103.	100
	Total Nitrogen, %		27.78	27
	Soluble Potash, %		1.07	1
TJ Technologies				
Brookings, SD				
	Bulk Dry Fertilizer Micro Nutrients		03N-04147	
	Calcium, %		24.92	20
	Zinc, %		1.52	1.18
UAP Fertilizer				
Pekin, IL				
	Bulk Dry Fertilizer 12-52-0		03N-03806	
	Commercial Value		141.	140
	Overall Index Value		101.	100
	Total Nitrogen, %		12.26	12
	Available Phosphate, %		52.30	52
	Dry Bulk Fertilizer 46-0-0		03N-04395	
	Total Nitrogen, %		46.76	46
United Horticultural Supply				
Fremont, NE				
	** Dry Fertilizer 30-3-4		03N-05520	
	Commercial Value		93.0	100
	Iron, %		1.32	1
	Overall Index Value		93.0	100
	DEFICIENT			
	Total Nitrogen, %		26.82	30
	DEFICIENT			
	Available Phosphate, %		3.30	3
	Soluble Potash, %		5.45	4
United Suppliers				
Juanita, NE				
	46-0-0 DRY BULK FERTILIZER		03N-03063	
	Total Nitrogen, %		46.68	46
United Suppliers Inc.				
Eldora, IA				
	0-0-0-90 DRY BULK FERTILIZER		03N-03056	
	Sulfur, %		89.70	90
	Dry Bulk Fertilizer 0-0-60		03N-03458	
	Soluble Potash, %		60.14	60
	Bulk Dry Fertilizer 0-0-15		03N-03800	
	Soluble Potash, %		62.27	62

Manufacturer Location	Product	Analyte	Found	Claim
	Dry Bulk Fertilizer 46-0-0		03N-06071	
		Total Nitrogen, %	46.80	46
	** Liquid Bulk Fertilizer 28-0-0 North Tank		03N-06074	
		Total Nitrogen, %	26.90	28
		DEFICIENT		
	Dry Bulk Fertilizer 18-46-0		03N-06083	
		Commercial Value	148.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.77	18
		Available Phosphate, %	46.09	46
Voluntary Purchasing Group				
Borham, TX				
	Hi-Yield Muriate of Potash 0-0-60		03N-05181	
		Soluble Potash, %	60.05	60
	Hi-Yield Garden Fertilizer 8-10-8		03N-05182	
		Commercial Value	57.9	52
		Overall Index Value	111.	100
		Total Nitrogen, %	7.87	8
		Available Phosphate, %	12.57	10
		Soluble Potash, %	9.18	8
	** Ferti-Lome Fish Emulsion Fertilizer 5-1-1		03N-05183	
		Commercial Value	16.3	18
		Overall Index Value	90.5	100
		DEFICIENT		
		Total Nitrogen, %	4.27	5
		DEFICIENT		
		Available Phosphate, %	1.27	1
		Soluble Potash, %	0.82	1
	ferti-lome Liquid Iron & Other Micronutrients		03N-05184	
		Iron, %	3.14	3.25
	ferti-lome Root Stimulator & Plant Starter Solution		03N-05187	
		Commercial Value	36.7	35
		Overall Index Value	105.	100
		Total Nitrogen, %	4.21	4
		Available Phosphate, %	10.50	10
		Soluble Potash, %	3.09	3
	ferti-lome Gardener's Special 11-15-11		03N-05189	
		Chlorine, %	9.62	11
		Commercial Value	77.7	74
		Overall Index Value	105.	100
		Total Nitrogen, %	11.62	11
		Available Phosphate, %	15.30	15
		Soluble Potash, %	12.23	11
	ferti-lome Tree & Shrub Food 19-8-10		03N-05190	
		Commercial Value	90.0	83
		Iron, %	1.92	1
		Overall Index Value	108.	100
		Total Nitrogen, %	20.45	19
		Available Phosphate, %	9.13	8
		Soluble Potash, %	10.34	10
		Sulfur, %	2.23	1
Voluntary Purchasing Groups				
Bonham, TX				
	Ferti-Lome Gardener's Special Plant Food 23-18-16		03N-05185	
		Commercial Value	131.	121
		Overall Index Value	108.	100
		Total Nitrogen, %	23.06	23
		Available Phosphate, %	21.92	18
		Soluble Potash, %	17.71	16

Manufacturer Location	Product	Analyte	Found	Claim
Watertown Coop Elevator Watertown, SD				
	Custom Dry Bulk Fertilizer 22-22-13		03N-04565	
		Commercial Value	70.3	123
		Overall Index Value	99.3	100
		Total Nitrogen, %	22.34	22
		Available Phosphate, %	21.54	22
		Soluble Potash, %	14.66	13
	** Custom Bulk Dry Fertilizer 9-23-30		03N-04566	
		Commercial Value	106.	103
		Overall Index Value	103.	100
		Total Nitrogen, %	10.14	9
		Available Phosphate, %	24.15	23
		Soluble Potash, %	27.68	30
		DEFICIENT		
West Central Chemical Willmar, MN				
	Dry Bulk Fertilizer 11-52-0		03N-06044	
		Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	11.01	11
		Available Phosphate, %	51.82	52
West Central Inc. Brooten, MN				
	Dry Bulk Fertilizer 0-0-60		03N-14661	
		Soluble Potash, %	59.43	60
West Central Inc. St. Paul, MN				
	Dry Bulk Fertilizer Urea 46-0-0		03N-14662	
		Total Nitrogen, %	46.76	46
Western Lime Corporation West Bend, WI				
	** Lawn & Garden Lime		03N-02792	
		Calcium, %	25.19	33
		DEFICIENT		
		Magnesium, %	15.68	16.26

SECTION C:

REGULATORY

ANALYTE

TOTALS

Regulatory Analyte Totals

Fertilizers Samples	Units	Received From 1/1/2003 To 12/31/2003
Arsenic	ug/g (ppm)	7
Cadmium	ug/g (ppm)	7
Cobalt	ug/g (ppm)	7
Calcium	%	7
Chlorine	%	14
Commercial Value		254
Iron	%	20
Overall Index Value		253
Magnesium	%	3
Manganese	%	1
Total Nitrogen	%	356
Available Phosphate	%	253
Soluble Potash	%	155
Sulfur	%	51
Zinc	%	10
Lead	ug/g (ppm)	7
Mercury	ug/g (ppm)	7
Molybdenum	ug/g (ppm)	7
Nickel	ug/g (ppm)	7
Selenium	ug/g (ppm)	7
Zinc	ug/g (ppm)	7

SECTION D:

FERTILIZER

TONNAGE

SUMMARY

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2003 To December, 2003

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	0.00	0.00	0.00	0.00	0.00	0.00
0	0-0-15	1.35	1.35	0.00	0.00	1.35	0.00
0	0-0-22	14.00	0.00	14.00	0.00	14.00	0.00
0	0-0-25	43.65	0.00	0.00	43.65	43.65	0.00
0	0-0-30	2.45	2.45	0.00	0.00	0.00	2.45
0	0-0-32	380.89	0.00	0.00	380.89	380.89	0.00
0	0-0-45	1.25	1.25	0.00	0.00	0.00	1.25
0	0-0-61	180.40	0.00	180.40	0.00	180.40	0.00
0	0-0-62.3	34.00	0.00	34.00	0.00	34.00	0.00
0	0-0-62.4	282.74	7.74	275.00	0.00	282.74	0.00
0	0-2-10	57.60	0.00	57.60	0.00	57.60	0.00
0	0-3-2	578.00	0.00	578.00	0.00	578.00	0.00
0	0-5-35	2.00	2.00	0.00	0.00	2.00	0.00
0	0-10-10	1.00	0.00	0.00	1.00	1.00	0.00
0	0-31-60	342.40	0.00	342.40	0.00	342.40	0.00
0	0-35-0	249.31	0.00	0.00	249.31	249.31	0.00
0	0-45-0	287.58	0.00	287.58	0.00	287.58	0.00
0	0-51.5-34	5.00	5.00	0.00	0.00	5.00	0.00
0	0-52-0	128.14	0.00	0.00	128.14	128.14	0.00
0	0-52-34	16.64	16.64	0.00	0.00	16.64	0.00
0	0-68-0	1,081.00	0.00	0.00	1,081.00	1,081.00	0.00
0	0.02-0.02-0.	0.34	0.00	0.00	0.34	0.34	0.00
0	0.05-0.05-0.	187.20	187.20	0.00	0.00	187.20	0.00
0	0.09-0.13-0.	79.20	79.20	0.00	0.00	79.20	0.00
0	0.1-0.1-0.1	3.00	3.00	0.00	0.00	3.00	0.00
0	0.14-0.14-0.	9.60	9.60	0.00	0.00	9.60	0.00
0	0.16-0.1-0.1	75.63	75.63	0.00	0.00	75.63	0.00
0	0.2-0.2-0.2	237.60	237.60	0.00	0.00	237.60	0.00
0	0.3-0.25-0.1	1.00	0.00	0.00	1.00	0.00	1.00
0	0.5-0.5-0.5	158.40	158.40	0.00	0.00	158.40	0.00

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	1-0-3	1.00	1.00	0.00	0.00	1.00	0.00
0	1.3-0.35-0	729.61	0.00	729.61	0.00	729.61	0.00
0	1.5-0.05-1	360.00	0.00	360.00	0.00	0.00	360.00
0	2-0-14	257.00	0.00	0.00	257.00	257.00	0.00
0	2-1-6	112.00	0.00	0.00	112.00	112.00	0.00
0	2-3-2	61.30	0.00	0.00	61.30	61.30	0.00
0	2-4-1	20.00	0.00	0.00	20.00	20.00	0.00
0	2-5-1	16.11	0.00	0.00	16.11	16.11	0.00
0	2-10-0	0.07	0.07	0.00	0.00	0.07	0.00
0	2-11-0	23.68	23.68	0.00	0.00	23.68	0.00
0	2-20-5	24.81	0.00	0.00	24.81	24.81	0.00
0	3-2-26	3.50	3.50	0.00	0.00	0.00	3.50
0	3-6-0	1.00	1.00	0.00	0.00	1.00	0.00
0	3-9-27	30.34	0.00	0.00	30.34	30.34	0.00
0	3-10-30	2.12	0.00	0.00	2.12	2.12	0.00
0	3-18-18	98.78	0.00	0.00	98.78	98.78	0.00
0	4-0-10	2.00	2.00	0.00	0.00	2.00	0.00
0	4-1-2	2.00	0.00	0.00	2.00	2.00	0.00
0	4-3-2	54.00	0.00	54.00	0.00	54.00	0.00
0	4-8-4	2,654.00	0.00	0.00	2,654.00	2,654.00	0.00
0	4-10-10	187.88	3.13	0.00	184.75	184.75	3.13
0	4-12-4	3.22	0.00	0.00	3.22	3.22	0.00
0	5-0-0	6.00	0.00	0.00	6.00	6.00	0.00
0	5-1-1	1.00	0.00	0.00	1.00	1.00	0.00
0	5-2-4	1.00	1.00	0.00	0.00	0.00	1.00
0	5-5-5	50.00	0.00	50.00	0.00	50.00	0.00
0	5-10-5	1.50	0.00	0.00	1.50	0.00	1.50
0	5-15-15	452.00	0.00	0.00	452.00	452.00	0.00
0	6-0-1	2.00	2.00	0.00	0.00	2.00	0.00
0	6-2-0	0.40	0.40	0.00	0.00	0.40	0.00

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	6-4-3	0.60	0.00	0.00	0.60	0.60	0.00
0	6-6-8	1.00	0.00	1.00	0.00	1.00	0.00
0	6-8-10	0.08	0.08	0.00	0.00	0.08	0.00
0	6-10-10	3.29	3.29	0.00	0.00	3.29	0.00
0	6-12-0	0.98	0.98	0.00	0.00	0.98	0.00
0	6-12-6	0.37	0.37	0.00	0.00	0.37	0.00
0	6-12-12	8.78	8.78	0.00	0.00	8.78	0.00
0	6-24-6	467.66	0.00	0.00	467.66	466.56	1.10
0	6-28-0	13.70	0.00	13.70	0.00	13.70	0.00
0	6-29-14	9.04	0.00	9.04	0.00	9.04	0.00
0	7-0-0	192.43	0.00	0.00	192.43	192.43	0.00
0	7-7-7	0.11	0.00	0.00	0.11	0.11	0.00
0	7-17-2	847.77	0.00	0.00	847.77	847.77	0.00
0	7-21-7	940.38	0.00	191.80	748.58	940.38	0.00
0	7-34-6	50.00	0.00	50.00	0.00	50.00	0.00
0	8-0-0	28.18	0.28	26.48	1.42	27.90	0.28
0	8-4-4	2.02	0.00	0.00	2.02	2.02	0.00
0	8-5-1	1.00	1.00	0.00	0.00	1.00	0.00
0	8-7-6	0.78	0.00	0.00	0.78	0.78	0.00
0	8-10-20	0.25	0.25	0.00	0.00	0.25	0.00
0	8-12-4	3.37	3.16	0.00	0.21	3.37	0.00
0	8-16-16	2.00	2.00	0.00	0.00	2.00	0.00
0	8-18-5	10.76	0.00	10.76	0.00	10.76	0.00
0	8-19-3	245.25	0.00	0.00	245.25	245.25	0.00
0	8-20-4	380.70	0.00	201.81	178.89	380.70	0.00
0	8-20-4.3	62.39	0.00	62.39	0.00	62.39	0.00
0	8-20-5	889.65	0.00	0.00	889.65	889.65	0.00
0	8-20-20	158.35	0.00	0.00	158.35	158.35	0.00
0	8-21-4	187.00	0.00	0.00	187.00	187.00	0.00
0	8-21-5	50.74	0.00	50.74	0.00	50.74	0.00

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 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	8-24-0	3.11	0.00	0.00	3.11	3.11	0.00
0	8-24-16	0.15	0.15	0.00	0.00	0.15	0.00
0	8-27-3	5.10	0.00	0.00	5.10	5.10	0.00
0	8-28-4	29.18	0.00	29.18	0.00	29.18	0.00
0	9-0-0	1.20	0.00	0.00	1.20	1.20	0.00
0	9-6-6	0.24	0.24	0.00	0.00	0.24	0.00
0	9-9-6	1.09	1.09	0.00	0.00	1.09	0.00
0	9-12-12	0.80	0.80	0.00	0.00	0.80	0.00
0	9-15-35	22.00	22.00	0.00	0.00	22.00	0.00
0	9-17-9	29.00	29.00	0.00	0.00	29.00	0.00
0	9-18-9	1,049.65	0.00	8.91	1,040.74	1,049.65	0.00
0	9-18-18	375.63	3.30	0.00	372.33	372.33	3.30
0	9-23-14	6.75	6.75	0.00	0.00	0.00	6.75
0	9-24-3	1,879.70	0.00	0.00	1,879.70	1,879.70	0.00
0	9-42-9	30.02	0.00	30.02	0.00	0.00	30.02
0	10-0-0	415.00	0.00	0.00	415.00	415.00	0.00
0	10-0-14	0.94	0.94	0.00	0.00	0.00	0.94
0	10-4-4	0.01	0.00	0.00	0.01	0.01	0.00
0	10-6-8	0.47	0.47	0.00	0.00	0.47	0.00
0	10-10-10	211.29	203.73	0.00	7.56	211.29	0.00
0	10-15-15	1.05	1.05	0.00	0.00	1.05	0.00
0	10-18-18	3.38	3.38	0.00	0.00	0.00	3.38
0	10-20-10	18.18	0.00	0.00	18.18	18.18	0.00
0	10-20-20	9.57	9.57	0.00	0.00	7.33	2.25
0	10-20-26	18.00	18.00	0.00	0.00	18.00	0.00
0	10-25-5	7.00	7.00	0.00	0.00	7.00	0.00
0	10-28-0	55.32	0.00	55.32	0.00	55.32	0.00
0	10-30-0	1,677.00	0.00	276.00	1,401.00	1,677.00	0.00
0	10-50-0	317.00	0.00	317.00	0.00	317.00	0.00
0	10-52-10	3.31	3.31	0.00	0.00	3.31	0.00

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2003 To December, 2003

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	11-3-11	2.00	2.00	0.00	0.00	0.00	2.00
0	11-4-4	2,040.00	0.00	0.00	2,040.00	2,040.00	0.00
0	11-5-7	1.00	1.00	0.00	0.00	0.00	1.00
0	11-8-5	1.20	0.00	0.00	1.20	1.20	0.00
0	11-9-6	258.00	1.00	257.00	0.00	258.00	0.00
0	11-22-0	6.33	0.00	6.33	0.00	6.33	0.00
0	11-23-10	0.13	0.13	0.00	0.00	0.13	0.00
0	11-28-18	0.51	0.51	0.00	0.00	0.00	0.51
0	11-52-20	115.25	0.00	115.25	0.00	115.25	0.00
0	11-55-0	342.40	0.00	342.40	0.00	342.40	0.00
0	12-0-0	12.95	1.09	0.58	11.27	12.95	0.00
0	12-4-8	0.95	0.00	0.00	0.95	0.95	0.00
0	12-6-6	3.07	1.57	0.00	1.50	1.57	1.50
0	12-6-12	1.98	1.98	0.00	0.00	1.98	0.00
0	12-10-10	0.14	0.14	0.00	0.00	0.14	0.00
0	12-12-4	0.60	0.60	0.00	0.00	0.00	0.60
0	12-12-12	73.13	73.13	0.00	0.00	73.13	0.00
0	12-16-4	0.52	0.52	0.00	0.00	0.00	0.52
0	12-22-10	14.93	0.00	14.93	0.00	14.93	0.00
0	12-22-14	61.00	61.00	0.00	0.00	61.00	0.00
0	12-24-24	3.00	3.00	0.00	0.00	3.00	0.00
0	12-28-12	3.13	3.13	0.00	0.00	3.13	0.00
0	12-44-10	19.93	19.93	0.00	0.00	0.00	19.93
0	12-52-0	338.43	0.00	338.43	0.00	338.43	0.00
0	13-0-0	306.80	0.00	56.41	250.39	306.80	0.00
0	13-2-13	8.00	8.00	0.00	0.00	0.00	8.00
0	13-3-40	0.08	0.08	0.00	0.00	0.00	0.08
0	13-4-5	0.01	0.01	0.00	0.00	0.01	0.00
0	13-13-13	2.13	2.13	0.00	0.00	2.13	0.00
0	13-33-0	23.54	0.00	23.54	0.00	23.54	0.00

**DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2003 To December, 2003**

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	14-0-14	16.45	16.45	0.00	0.00	3.00	13.45
0	14-3-3	4.00	4.00	0.00	0.00	0.00	4.00
0	14-14-14	5.47	5.47	0.00	0.00	5.47	0.00
0	14-28-10	2.25	2.25	0.00	0.00	0.00	2.25
0	15-0-0	81.48	40.00	0.00	41.48	81.48	0.00
0	15-0-15	21.75	21.75	0.00	0.00	21.75	0.00
0	15-0-29	5.63	5.63	0.00	0.00	0.00	5.63
0	15-2-3	0.97	0.97	0.00	0.00	0.00	0.97
0	15-2-10	2.05	2.05	0.00	0.00	2.05	0.00
0	15-3-5	12.86	12.86	0.00	0.00	8.36	4.50
0	15-7-6	1.00	1.00	0.00	0.00	0.00	1.00
0	15-15-0	35.00	0.00	35.00	0.00	35.00	0.00
0	15-20-15	0.10	0.10	0.00	0.00	0.10	0.00
0	15-25-10	30.70	30.70	0.00	0.00	30.70	0.00
0	15-30-15	8.74	8.74	0.00	0.00	0.00	8.74
0	16-0-0	443.43	0.00	0.00	443.43	443.43	0.00
0	16-0-2	3.01	0.00	0.00	3.01	3.01	0.00
0	16-2-2	38.84	0.00	0.00	38.84	38.84	0.00
0	16-4-4	2.42	1.00	0.00	1.42	2.42	0.00
0	16-8-3	8.99	0.00	0.00	8.99	8.99	0.00
0	16-8-8	1.00	1.00	0.00	0.00	1.00	0.00
0	16-10-9	2.17	2.17	0.00	0.00	2.17	0.00
0	16-14-9	0.10	0.10	0.00	0.00	0.00	0.10
0	16-20-0	30.52	30.52	0.00	0.00	25.14	5.38
0	16-25-12	9.50	9.50	0.00	0.00	0.00	9.50
0	17-2-5	393.00	33.00	360.00	0.00	393.00	0.00
0	17-3-6	5.00	5.00	0.00	0.00	5.00	0.00
0	17-3-17	2.00	2.00	0.00	0.00	0.00	2.00
0	18-0-2	41.14	0.00	0.00	41.14	41.14	0.00
0	18-0-15	18.00	18.00	0.00	0.00	18.00	0.00

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2003 To December, 2003

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	18-0-18	1.13	1.13	0.00	0.00	0.00	1.13
0	18-2-10	0.05	0.00	0.05	0.00	0.05	0.00
0	18-3-15	23.00	23.00	0.00	0.00	23.00	0.00
0	18-3-18	2.75	2.75	0.00	0.00	0.50	2.25
0	18-4-18	9.00	9.00	0.00	0.00	9.00	0.00
0	18-5-9	3.30	3.30	0.00	0.00	0.00	3.30
0	18-5-10	25.33	25.33	0.00	0.00	25.33	0.00
0	18-6-12	37.60	37.60	0.00	0.00	37.00	0.60
0	18-6-15	2.25	2.25	0.00	0.00	0.00	2.25
0	18-8-12	33.20	33.20	0.00	0.00	33.20	0.00
0	18-8-15	119.00	119.00	0.00	0.00	119.00	0.00
0	18-8-18	24.00	24.00	0.00	0.00	24.00	0.00
0	18-9-9	2.00	2.00	0.00	0.00	0.00	2.00
0	18-9-18	21.50	21.50	0.00	0.00	16.00	5.50
0	18-18-18	0.35	0.35	0.00	0.00	0.35	0.00
0	18-18-21	3.36	3.36	0.00	0.00	3.36	0.00
0	18-22-6	12.00	12.00	0.00	0.00	12.00	0.00
0	18-24-12	12.04	12.04	0.00	0.00	5.28	6.76
0	18-24-16	2.25	2.25	0.00	0.00	2.25	0.00
0	18-36-0	7.00	0.00	7.00	0.00	7.00	0.00
0	19-3-5	2.00	2.00	0.00	0.00	2.00	0.00
0	19-3-6	50.57	50.57	0.00	0.00	34.00	16.57
0	19-3-8	9.00	9.00	0.00	0.00	0.00	9.00
0	19-4-8	34.00	34.00	0.00	0.00	34.00	0.00
0	19-5-0	71.21	0.00	71.21	0.00	71.21	0.00
0	19-5-5	3.00	3.00	0.00	0.00	3.00	0.00
0	19-6-12	6.90	6.90	0.00	0.00	6.90	0.00
0	19-25-5	5.88	5.88	0.00	0.00	0.00	5.88
0	20-0-0	100.20	1.90	97.42	0.88	100.20	0.00
0	20-0-20	1.13	1.13	0.00	0.00	0.00	1.13

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2003 To December, 2003

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	20-2-3	4.78	0.00	0.00	4.78	4.78	0.00
0	20-2-5	0.33	0.33	0.00	0.00	0.33	0.00
0	20-3-3	28.38	28.38	0.00	0.00	16.00	12.38
0	20-3-5	5.00	5.00	0.00	0.00	5.00	0.00
0	20-4-20	32.63	32.63	0.00	0.00	0.00	32.63
0	20-5-5	0.41	0.41	0.00	0.00	0.00	0.41
0	20-5-10	0.10	0.10	0.00	0.00	0.00	0.10
0	20-10-5	8.42	8.42	0.00	0.00	7.00	1.42
0	20-10-10	0.08	0.00	0.08	0.00	0.08	0.00
0	20-12-8	3.00	3.00	0.00	0.00	3.00	0.00
0	20-14-12	85.28	85.28	0.00	0.00	0.00	85.28
0	20-20-20	35.09	20.65	5.01	9.43	34.59	0.50
0	20-24-0	4.09	0.00	4.09	0.00	4.09	0.00
0	20-27-5	1.08	1.08	0.00	0.00	0.00	1.08
0	20.5-0-0	892.66	0.00	892.66	0.00	892.66	0.00
0	21-0-0	3.92	1.00	2.92	0.00	3.92	0.00
0	21-0-20	12.38	12.38	0.00	0.00	0.00	12.38
0	21-2-10	1.50	1.50	0.00	0.00	1.50	0.00
0	21-3-6	10.40	10.40	0.00	0.00	10.40	0.00
0	21-3-20	8.93	8.93	0.00	0.00	0.00	8.93
0	21-28-7	1.75	1.75	0.00	0.00	0.00	1.75
0	22-0-0	1.33	1.33	0.00	0.00	0.00	1.33
0	22-0-7	4.75	4.75	0.00	0.00	4.75	0.00
0	22-0-10	3.20	3.20	0.00	0.00	3.20	0.00
0	22-0-22	17.46	17.13	0.33	0.00	7.33	10.13
0	22-3-8	16.00	16.00	0.00	0.00	7.00	9.00
0	22-3-11	81.60	81.60	0.00	0.00	81.60	0.00
0	22-3-14	1.00	1.00	0.00	0.00	0.00	1.00
0	22-4-14	1.92	1.92	0.00	0.00	0.00	1.92
0	22-5-8	6.00	6.00	0.00	0.00	0.00	6.00

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2003 To December, 2003

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	22-10-10	0.80	0.80	0.00	0.00	0.00	0.80
0	22-22-0	11.33	0.00	11.33	0.00	11.33	0.00
0	23-0-8	28.00	28.00	0.00	0.00	28.00	0.00
0	23-2-5	26.57	26.57	0.00	0.00	26.57	0.00
0	23-3-5	0.15	0.15	0.00	0.00	0.00	0.15
0	23-3-8	100.00	100.00	0.00	0.00	100.00	0.00
0	24-0-0	4,771.38	0.00	696.38	4,075.00	4,771.38	0.00
0	24-5-10	10.00	10.00	0.00	0.00	10.00	0.00
0	24-5-11	15.75	15.75	0.00	0.00	0.00	15.75
0	25-0-3	32.00	32.00	0.00	0.00	32.00	0.00
0	25-0-8	30.48	30.48	0.00	0.00	24.00	6.48
0	25-0-12	6.10	6.10	0.00	0.00	6.10	0.00
0	25-0-15	3.00	3.00	0.00	0.00	3.00	0.00
0	25-2-4	23.00	23.00	0.00	0.00	23.00	0.00
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	25-2-25	11.00	11.00	0.00	0.00	11.00	0.00
0	25-3-3	135.52	135.52	0.00	0.00	135.52	0.00
0	25-3-5	5.00	5.00	0.00	0.00	5.00	0.00
0	25-3-8	108.00	108.00	0.00	0.00	108.00	0.00
0	25-3-10	35.25	35.25	0.00	0.00	0.00	35.25
0	25-3-12	6.03	6.03	0.00	0.00	6.03	0.00
0	25-4-8	8.08	8.08	0.00	0.00	8.08	0.00
0	25-5-5	3.81	3.81	0.00	0.00	0.00	3.81
0	25-5-12	16.88	16.88	0.00	0.00	0.00	16.88
0	25-5-15	249.01	249.01	0.00	0.00	245.25	3.76
0	25-10-0	4.55	0.00	4.55	0.00	0.00	4.55
0	26-0-0	1.45	0.00	0.00	1.45	1.45	0.00
0	26-0-4	52.00	52.00	0.00	0.00	52.00	0.00
0	26-2-8	130.20	130.20	0.00	0.00	130.20	0.00

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2003 To December, 2003

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	26-3-4	289.00	289.00	0.00	0.00	289.00	0.00
0	26-3-5	106.49	106.49	0.00	0.00	106.49	0.00
0	26-3-8	63.76	63.76	0.00	0.00	63.76	0.00
0	26-14-14	42.00	42.00	0.00	0.00	42.00	0.00
0	27-0-0	3,278.00	0.00	0.00	3,278.00	3,278.00	0.00
0	27-0-1	0.88	0.70	0.00	0.18	0.88	0.00
0	27-0-8	10.80	10.80	0.00	0.00	0.00	10.80
0	27-3-3	67.00	67.00	0.00	0.00	67.00	0.00
0	27-3-11	98.50	98.50	0.00	0.00	0.00	98.50
0	27-5-8	0.60	0.60	0.00	0.00	0.00	0.60
0	27-15-6	7.90	7.90	0.00	0.00	7.90	0.00
0	27-29-0	8.18	0.00	8.18	0.00	8.18	0.00
0	28-0-4	23.00	23.00	0.00	0.00	23.00	0.00
0	28-2-5	4.00	4.00	0.00	0.00	4.00	0.00
0	28-3-3	3.96	3.96	0.00	0.00	0.00	3.96
0	28-3-4	159.88	159.88	0.00	0.00	157.00	2.88
0	28-3-8	20.00	20.00	0.00	0.00	20.00	0.00
0	28-3-10	174.70	174.70	0.00	0.00	33.40	141.30
0	28-4-6	2.70	2.70	0.00	0.00	0.00	2.70
0	28-5-10	39.95	39.95	0.00	0.00	39.95	0.00
0	28-7.12-35	13.43	0.00	13.43	0.00	13.43	0.00
0	28-8-10	13.96	13.96	0.00	0.00	0.00	13.96
0	28-10-10	0.36	0.36	0.00	0.00	0.36	0.00
0	28-16-7	0.45	0.45	0.00	0.00	0.00	0.45
0	28-28-0	12.00	0.00	12.00	0.00	12.00	0.00
0	28-28-12	12.00	0.00	12.00	0.00	12.00	0.00
0	28-29-0	20.00	0.00	20.00	0.00	20.00	0.00
0	29-0-0	7.55	0.00	7.55	0.00	7.55	0.00
0	29-2-3	2.07	2.07	0.00	0.00	0.00	2.07
0	29-3-4	3.00	3.00	0.00	0.00	0.00	3.00

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2003 To December, 2003

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	30-0-0	8,144.15	0.00	0.00	8,144.15	8,144.15	0.00
0	30-0-10	46.13	46.13	0.00	0.00	9.00	37.13
0	30-3-4	15.42	15.42	0.00	0.00	15.42	0.00
0	30-4-8	41.48	41.48	0.00	0.00	41.48	0.00
0	30-7-10	33.00	33.00	0.00	0.00	33.00	0.00
0	30-10-10	12.74	12.74	0.00	0.00	12.39	0.35
0	31-0-0	8.23	0.00	7.60	0.63	8.23	0.00
0	31-3-12	7.00	7.00	0.00	0.00	7.00	0.00
0	32-0-0	18.96	0.00	18.96	0.00	18.96	0.00
0	32-0-10	5.00	5.00	0.00	0.00	5.00	0.00
0	32-3-5	22.50	22.50	0.00	0.00	0.00	22.50
0	32-3-10	37.75	37.75	0.00	0.00	8.00	29.75
0	32-5-7	19.00	19.00	0.00	0.00	19.00	0.00
0	32-7-7	32.00	32.00	0.00	0.00	32.00	0.00
0	33-3-6	7.88	7.88	0.00	0.00	0.00	7.88
0	33-3-10	12.00	12.00	0.00	0.00	12.00	0.00
0	34-2-6	48.00	48.00	0.00	0.00	48.00	0.00
0	34-3-7	7.25	7.25	0.00	0.00	7.25	0.00
0	34-7-7	2.23	2.23	0.00	0.00	2.23	0.00
0	34-18-0	95.16	0.00	95.16	0.00	95.16	0.00
0	35-0-15	31.00	31.00	0.00	0.00	31.00	0.00
0	35-16-0	74.59	0.00	74.59	0.00	74.59	0.00
0	35-18-0	102.29	0.00	102.29	0.00	102.29	0.00
0	35-18-10	3.00	0.00	3.00	0.00	3.00	0.00
0	35-18-18	37.58	0.00	37.58	0.00	37.58	0.00
0	36-6-6	4.26	4.26	0.00	0.00	4.26	0.00
0	36-16-0	283.00	0.00	283.00	0.00	283.00	0.00
0	37-0-0	25.50	25.50	0.00	0.00	0.00	25.50
0	38-0-0	3.63	1.98	1.65	0.00	1.98	1.65
0	38-13-0	584.00	0.00	584.00	0.00	584.00	0.00

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2003 To December, 2003

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	39-10-0	16.00	0.00	16.00	0.00	16.00	0.00
0	40-0-0	3.52	3.52	0.00	0.00	3.52	0.00
0	40-10-0	71.17	0.00	71.17	0.00	71.17	0.00
0	65-0-0	77.90	0.00	77.90	0.00	77.90	0.00
0	66-0-0	3.36	3.36	0.00	0.00	3.36	0.00
0	80-0-0	80.00	0.00	0.00	80.00	80.00	0.00
2	82-0-0	30,494.39	0.00	141.22	30,353.17	30,494.39	0.00
6	21-0-0	157.19	0.00	155.99	1.20	157.19	0.00
10	34-0-0	657.57	576.02	81.55	0.00	657.57	0.00
13	21-0-0	65.28	65.28	0.00	0.00	65.28	0.00
24	21-0-0	15,140.63	63.07	14,157.82	919.74	15,077.56	63.07
25	6-0-0	1.62	1.62	0.00	0.00	1.62	0.00
31	12-0-0	3,088.28	0.00	6.20	3,082.08	3,088.28	0.00
54	15-0-0	7.51	0.00	0.00	7.51	7.51	0.00
58	28-0-0	169,241.15	0.00	4,006.46	165,234.70	169,241.15	0.00
60	32-0-0	85,548.71	0.00	1,902.84	83,645.87	85,548.71	0.00
66	46-0-0	576,989.92	850.91	576,139.02	0.00	576,339.12	650.80
68	38-0-0	5.97	3.98	2.00	0.00	5.97	0.00
77	9-0-0	74.21	0.00	0.00	74.21	74.21	0.00
203	18-46-0	188,699.53	41.00	188,658.53	0.00	188,687.10	12.43
207	16-20-0	25.14	0.00	25.14	0.00	25.14	0.00
209	11-52-0	195,177.17	95.95	195,081.21	0.00	194,864.34	312.83
228	0-2-0	51.95	0.00	51.95	0.00	51.95	0.00
249	10-34-0	60,264.47	0.00	746.46	59,518.01	60,264.47	0.00
267	0-46-0	675.54	7.36	668.18	0.00	668.88	6.66
273	0-68-0	5,857.62	0.00	0.00	5,857.62	5,857.62	0.00
298	0-0-0	10.00	0.00	10.00	0.00	10.00	0.00
415	0-0-25	6.84	0.00	0.00	6.84	6.84	0.00
428	0-0-60	64,763.99	2.20	64,761.79	0.00	64,761.79	2.20
430	0-0-62	3,551.98	9.42	3,542.56	0.00	3,551.98	0.00

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443	0-0-22	99.00	0.00	99.00	0.00	99.00	0.00
463	0-0-50	229.96	51.96	178.00	0.00	229.96	0.00
601	12-0-0	1,533.00	0.00	1,533.00	0.00	1,533.00	0.00
613	2-2-1	26.50	0.00	26.50	0.00	0.00	26.50
649	0.5-0.5-0.5	103.20	0.00	103.20	0.00	0.00	103.20
652	1.9-0.2-0.2	419.46	0.00	419.46	0.00	1.66	417.80
706	0-0-0	30.38	12.15	18.05	0.17	30.38	0.00
720	0-0-0	22.03	22.03	0.00	0.00	22.03	0.00
722	0-0-0	0.23	0.00	0.00	0.23	0.23	0.00
726	0-0-0	0.28	0.00	0.23	0.05	0.28	0.00
730	0-0-0	0.20	0.00	0.00	0.20	0.20	0.00
732	0-0-0	820.26	0.00	820.26	0.00	820.26	0.00
733	0-0-0	24.84	0.00	0.00	24.84	24.84	0.00
749	0-0-0	0.38	0.00	0.07	0.30	0.38	0.00
754	0-0-0	5.17	2.82	2.35	0.00	5.17	0.00
766	0-0-0	2.42	0.00	2.42	0.00	2.42	0.00
770	0-0-0	1,724.57	821.65	898.26	4.67	1,724.57	0.00
782	0-0-0	910.57	392.64	462.32	55.61	909.67	0.90
783	0-0-0	28.81	0.00	0.00	28.81	26.44	2.37
784	0-0-0	57.28	0.00	44.72	12.56	57.28	0.00
797	0-0-0	2,205.47	1,005.55	1,087.71	112.20	2,205.47	0.00
798	0-0-0	81.36	0.00	78.96	2.40	81.36	0.00
908	0-0-0	1,877.20	0.00	1,877.20	0.00	1,877.20	0.00
910	0-0-0	157.47	0.00	157.47	0.00	157.47	0.00
990	0-0-0	1,440.00	373.42	1,066.58	0.00	1,398.78	41.22

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
TOTALS		1,459,796.06	9,397.68	1,068,100.37	382,298.00	1,456,892.9	2,903.14

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

Totals of grades Less Than 0 tons.

GRAND TOTAL:	1,459,844.88
GRAND TOTAL FOR BAG:	9,438.43
GRAND TOTAL FOR	1,068,108.44
GRAND TOTAL FOR	382,298.00
LIQUID:	
GRAND TOTAL FOR	1,456,935.44
FARM:	
GRAND TOTAL FOR	2,909.44