

SECRETARY OF AGRICULTURE
LARRY GABRIEL

FERTILIZER PROGRAM

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2001 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. Analysis of all products distributed under the law are in this report.

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

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SECTION A:

SAMPLE

COUNT

REPORT

Sample Count Report

Fertilizers Sampled From 1/1/2001 To 12/31/2001

Manufacturer and Location			Sample	Passed	Not
Ag First Farmers Coop	Brookings	SD	3	1	2
Ag-Land Fertilizer	Yankton	SD	1	0	1
Agriliance	Sioux City	IA	1	1	0
Agriliance	Verdi	MN	1	1	0
Agriliance Agronomy	Bismarck	ND	4	4	0
Agriliance LLC	Minneapolis	MN	2	2	0
Agriliance LLC	Watertown	SD	5	5	0
Agriliance, LLC	Kansas City	MO	42	41	1
Agriliance, LLC	St. Paul	MN	30	30	0
Agrium Conda Phosphate	Soda Springs	ID	2	2	0
Agrium Inc.	Calgary Alberta	CN	3	3	0
Agrium U.S., Inc	Denver	CO	3	3	0
Agrium US Inc.	Carseland AB	CN	1	1	0
Agrium US Inc.	Redwater,	CN	1	1	0
AH Hoffman Inc	Lancaster	PA	1	1	0
Aim Lawn & Garden Products	Avon Lake	OH	1	1	0
Alljack	St. Louis	MO	2	2	0
Am Turf R	Bradley	MI	1	1	0
American Plant Food Co.	Creve Coeur	MO	1	1	0
Andersons (The) Lawn Fert Div	Maumee	OH	1	0	1
Arlington Farmers Elevator	Arlington	SD	2	0	2
Bayer-Pursell LLC.	Birmingham	AL	1	1	0
BCA Products	Sleepy Eye	MN	1	1	0
Beresford Farmers Coop Elevator	Beresford	SD	1	1	0
Big Green Inc	Mitchell	SD	1	1	0
Calcium Products Inc.	Gilmore City	IA	1	0	1
Cargill Fertilizer Inc	Riverview	FL	6	6	0
Cargill Inc.	Savage	MN	1	1	0
Cenex	Wolsey	SD	1	0	1
Cenex/Land O Lakes	St. Paul	MN	1	1	0
Cenex/Land O Lakes Ag Services	Bismarck	ND	1	1	0
Centennial Ag Supply Company	Kersey	CO	3	0	3
CF Industries Inc	Long Grove	IL	4	4	0
Chevron Chemical Company	San Francisco	CA	1	1	0
Clark Community Oil Co.	Clark	SD	1	1	0
Coastal Chemical Inc	Cheyenne	WY	2	2	0
Cone Ag Service	Pierre	SD	4	4	0
Cooperative Agronomy Services	Groton	SD	1	1	0
Country Partners Cooperative	Sisseton	SD	1	1	0

Manufacturer and Location			Sample	Passed	Not
Cropmate Company	Pekin	IL	2	2	0
Dakota Diamond	St. Lawrence	SD	1	0	1
Dakota Gasification Company	Beulah	ND	1	1	0
Dakota Gasification Company	Englewood	CO	1	1	0
Dakota Mill & Grain	Fort Pierre	SD	1	1	0
Dakota Mill and Grain	Presho	SD	1	1	0
Dakota Plains (Cargill)	Tripp		1	1	0
Dakota Plains Ag Ctr	Parkston	SD	3	3	0
De Bruce Fertilizer Inc.	St. Louis	MO	1	1	0
DeBoer Ag Service	Oral	SD	1	1	0
DeBruce Fertilizer, Inc.	Kansas City	MO	1	1	0
Domestic Fertilizer Inc	Paris	KY	1	1	0
Eastern Farmers Coop	Hurley	SD	1	1	0
Easy Gardener	Waco	TX	2	2	0
Easy Gardener Inc.	Paris	KY	1	0	1
Eau Claire Coop Oil Company	Eau Claire	WI	3	3	0
Estelline Coop Grain	Estelline	SD	1	1	0
Farmers Co-op Assc.	Wilmot	SD	1	1	0
Farmers Coop Elevator	New Effington	SD	1	1	0
Farmers Coop Oil	White Lake	SD	1	1	0
Farmers Elevator	Colfax	ND	1	1	0
Farmers Plant Food Inc	Garretson	SD	8	8	0
Farmers Plant Food Inc	Wolsey	SD	4	4	0
Farmers Union	Faulkton	SD	3	0	3
Farmers Union Oil Company	Pierpont	SD	1	0	1
Farmland	OLathe	KS	1	1	0
Farmland Industries	Lawrence	KS	1	1	0
Florence Farmers Elevator	Florence	SD	1	0	1
Free Flow Fertilizer	Maumee	OH	2	2	0
Fremar Farmers Coop Inc	Marion	SD	1	0	1
Gro Tec Inc	Madison	GA	1	0	1
Growing Markets, Inc.	West Des	IA	1	0	1
Hamlin County Farmers Coop	Hayti	SD	1	1	0
Harvest States Coop	Claire City	SD	1	0	1
Helana Chemical Co.	Bassett	NE	2	2	0
Howard Johnsons Enterprises Inc	Milwaukee	WI	14	9	5
IMC Kalium Canada	Regina,	CA	1	1	0
IMC Kalium Ltd.	Deerfield	IL	1	1	0
IMC USA Inc.	Lake Forest	IL	4	4	0
Ironite Products Company	Scottsdale	AZ	1	1	0
Johnsons Ranchers Supply Inc	Wall	SD	1	1	0
JR Simplot	Rock Springs	WY	2	2	0
Knox Fertilizer Co Inc	Knox	IN	2	0	2
Labolt Farmers Grain	Labolt	SD	1	1	0

Manufacturer and Location			Sample	Passed	Not
Lake Norden Farmers Elevator	Lake Norden	SD	1	0	1
Lake Preston Farm Supply	Lake Preston	SD	1	1	0
Lebanon Chemical Corp	Lebanon	PA	1	1	0
Linear Grain, Inc	Carman,	CA	1	1	0
Martha Stewart LLC	Buffalo	NY	1	1	0
Medicine Hat	Calgary, Alberta	CN	1	1	0
Midwest Cooperatives	Pierre	SD	2	1	1
Miracle Gro Lawn Products	Marysville	OH	1	1	0
Miracle Gro Lawn Products	Port	NY	3	2	1
Northern Ag Supply	Burnsville	MN	2	2	0
Nutra-Flo Company	Sioux City	IA	1	1	0
PCS Sales (USA) Inc.	Northbrook	IL	1	1	0
Pursell Industries Inc	Sylacauga	AL	14	8	6
Quali Trade, Inc.	Shakopee	MN	1	1	0
Revilla Farmers Elevator	Revilla	SD	1	0	1
Saskferco	Belle Plaine,	CN	3	3	0
Schultz Company	Bridgeton	MO	5	3	2
Schultz Company	St. Louis	MO	2	2	0
Scotts Company	Marysville	OH	25	22	3
Scotts Miracle-Grow	Port	NY	9	9	0
SD Wheat Growers	McLaughlin	SD	2	2	0
SD Wheat Growers	Willow Lake	SD	1	0	1
SD Wheatgrowers Assn	Aberdeen	SD	1	1	0
SD Wheatgrowers Assn	Huron	SD	4	4	0
SE Farmers Elevator	Elk Point	SD	1	1	0
Simplot	Boise	ID	1	1	0
Simplot Soil Builders	Beresford	SD	1	0	1
Sinai Coop Elevator	Sinai	SD	2	2	0
Solaris Group	San Ramon	CA	2	2	0
Southwest Grain	Belle Fourche	SD	1	0	1
Southwest Grain	Lemmon	SD	2	1	1
Spectrum Group-Div of United	St. Louis	MO	3	3	0
Stateline Farmers	Milbank	SD	1	1	0
Terra Nitrogen Corp	Sioux City	IA	4	4	0
Tessengerlo Kerley Inc	Phoenix	AZ	1	1	0
Tetra Micronutrients	Woodlands	TX	1	1	0
Tiger Int.	Calgary, Alberta	CN	1	0	1
Toro Company	Maple Plain	MN	1	1	0
Tru Serv Corp.	Maumee	OH	1	0	1
Truserv Corporation	Chicago	IL	3	3	0
Turnis Farm Service	Platte	SD	1	1	0
United Agri Products	Franklin	MN	1	1	0
United Industries Corp.	St. Louis	MO	1	1	0
United Suppliers Inc.	Eldora	IA	5	5	0

Manufacturer and Location			Sample	Passed	Not
Vermillion Fertilizer Company	Vermillion	SD	1	1	0
Viborg Coop Elevator	Viborg	SD	1	0	1
Volga Ag Service	Volga	SD	1	0	1
Voluntary Purchasing Group	Borham	TX	1	1	0
Voluntary Purchasing Groups	Bonham	TX	5	2	3
Warne Chemical	Rapid City	SD	1	1	0
Watertown Coop Elevator	Watertown	SD	1	0	1
Weatherly Consumer Products	Lexington	KY	1	1	0
Western Consolidated Coop	Appleton	MN	1	1	0
Wil Farm LLC	Gladstone	MO	1	1	0
Winona River & Rail	Winona	MN	2	2	0
Totals:			360	302	58

Percent Passed: 83.9%

Percent Not 16.1%

SECTION B:

SAMPLE

REPORT

SUMMARY

Manufacturer Location	Product	Analyte	Found	Claim	
Ag First Farmers Coop					
Brookings, SD					
	Custom blend 35.53-12.24-3.94		01N-03437		
	Commercial Value		137.	135.01	
	Overall Index Value		102.	100	
	Total Nitrogen, %		34.79	35.53	
	Available Phosphate, %		13.92	12.24	
	Soluble Potash, %		4.99	3.94	
	*** Custom blend fertilizer 32.27-13.83-6.92		01N-03438		
	Arsenic, ug/g (ppm)		5.2	0	
	Cadmium, ug/g (ppm)		1.3	0	
	Commercial Value		132.	131.39	
	Overall Index Value		101.	100	
	Total Nitrogen, %		31.18	32.27	DEFICIENT
	Available Phosphate, %		14.95	13.83	
	Soluble Potash, %		8.56	6.92	
	Lead, ug/g (ppm)		0.9	0	
	Mercury, ug/g (ppm)		<0.10	0	
	Selenium, ug/g (ppm)		<0.045	0	
	*** Custom blend fertilizer 32.93-13.18-6.59		01N-03439		
	Commercial Value		135.	131.74	
	Overall Index Value		103.	100	
	Total Nitrogen, %		33.74	32.93	
	Available Phosphate, %		14.16	13.18	
	Soluble Potash, %		5.89	6.59	DEFICIENT
Ag-Land Fertilizer					
Yankton, SD					
	*** Custom blend fertilizer 18-46-10 @ 117# per ac.		01N-02920		
	Commercial Value		134.	156	
	Overall Index Value		86.0	100	DEFICIENT
	Total Nitrogen, %		15.06	18	DEFICIENT
	Available Phosphate, %		39.47	46	DEFICIENT
	Soluble Potash, %		10.04	10	
Agrilience					
Sioux City, IA					
	Dry bulk fertilizer 46-0-0		01N-03851		
	Total Nitrogen, %		46.50	46	
Agrilience					
Verdi, MN					
	Liquid fertilizer 28-0-0		01N-04057		
	Total Nitrogen, %		28.20	28	
Agrilience Agronomy					
Bismarck, ND					
	Dry bulk fertilizer 0-0-60		01N-03985		
	Soluble Potash, %		60.47	60	
	Dry bulk fertilizer 21-0-0-24		01N-04999		
	Total Nitrogen, %		21.40	21	
	Sulfur, %		23.63	24	
	Dry bulk fertilizer 18-46-0		01N-05000		
	Commercial Value		146.	146	
	Overall Index Value		100.	100	
	Total Nitrogen, %		17.36	18	
	Available Phosphate, %		47.14	46	

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 11-52-0		01N-05002	
		Commercial Value	140.	137
		Overall Index Value	103.	100
		Total Nitrogen, %	11.01	11
		Available Phosphate, %	53.73	52
Agrilience LLC Minneapolis, MN				
	Dry bulk fertilizer 10-50-0		01N-03546	
		Commercial Value	138.	130
		Overall Index Value	106.	100
		Total Nitrogen, %	11.19	10
		Available Phosphate, %	52.06	50
	Dry bulk fertilizer 46-0-0		01N-03859	
		Total Nitrogen, %	46.52	46
Agrilience LLC Watertown, SD				
	Custom blend fertilizer 0-31.73-17.7		01N-03596	
		Commercial Value	85.5	81.16
		Overall Index Value	105.	100
		Available Phosphate, %	33.42	31.73
		Soluble Potash, %	18.63	17.7
	Dry bulk fertilizer 18-46-0		01N-03772	
		Commercial Value	145.	146
		Overall Index Value	99.3	100
		Total Nitrogen, %	17.70	18
		Available Phosphate, %	45.95	46
	Dry bulk fertilizer 46-0-0		01N-03773	
		Total Nitrogen, %	46.53	46
	Dry bulk fertilizer DAP 18-46-0		01N-04183	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.71	18
		Available Phosphate, %	47.40	46
	Dry bulk fertilizer Triple Super 0-46-0		01N-04185	
		Available Phosphate, %	48.22	46
Agrilience, LLC Kansas City, MO				
	Dry bulk fertilizer 11-52-0		01N-03403	
		Commercial Value	140.	137
		Overall Index Value	103.	100
		Total Nitrogen, %	12.18	11
		Available Phosphate, %	52.06	52
	Dry bulk fertilizer 18-46-0		01N-03595	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.96	18
		Available Phosphate, %	46.94	46
	** Dry bulk fertilizer 18-46-0		01N-03599	
		Commercial Value	145.	146
		Overall Index Value	99.2	100
		Total Nitrogen, %	16.75	18
		Available Phosphate, %	47.38	46
	Dry bulk fertilizer 46-0-0		01N-03600	
		Total Nitrogen, %	46.53	46

DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 18-46-0		01N-03602	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.46	18
		Available Phosphate, %	47.04	46
	Dry bulk fertilizer 46-0-0		01N-03603	
		Total Nitrogen, %	46.54	46
	Dry bulk fertilizer 18-46-0		01N-03661	
		Commercial Value	146.	146
		Overall Index Value	99.7	100
		Total Nitrogen, %	17.60	18
		Available Phosphate, %	46.41	46
	Dry bulk fertilizer 18-46-0		01N-03688	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.74	18
		Available Phosphate, %	47.03	46
	Dry bulk fertilizer 46-0-0		01N-03689	
		Total Nitrogen, %	46.48	46
	Liquid fertilizer 10-34-0		01N-03690	
		Commercial Value	98.2	98
		Overall Index Value	100.	100
		Total Nitrogen, %	10.00	10
		Available Phosphate, %	34.12	34
	Liquid fertilizer 28-0-0		01N-03691	
		Total Nitrogen, %	27.88	28
	Liquid fertilizer 28-0-0		01N-03820	
		Total Nitrogen, %	27.97	28
	Custom blend fertilizer 12-30.67-20		01N-03821	
		Commercial Value	118.	117.34
		Overall Index Value	101.	100
		Total Nitrogen, %	11.92	12
		Available Phosphate, %	30.85	30.67
		Soluble Potash, %	20.57	20
	Dry bulk fertilizer 18-46-0		01N-03852	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.11	18
		Available Phosphate, %	45.81	46
	Dry bulk fertilizer Zinc Sulfate		01N-03884	
		Arsenic, ug/g (ppm)	1.0	0
		Cadmium, ug/g (ppm)	23.3	0
		Sulfur, %	17.12	17.5
		Zinc, %	34.82	35.5
		Lead, ug/g (ppm)	39.7	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
	Dry bulk fertilizer 46-0-0		01N-03885	
		Total Nitrogen, %	46.54	46
	Dry bulk fertilizer urea 46-0-0		01N-03987	
		Total Nitrogen, %	46.58	46
	Dry bulk fertilizer 18-46-0		01N-04007	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.77	18
		Available Phosphate, %	47.39	46

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 11-52-0		01N-04197	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	10.88	11
		Available Phosphate, %	52.94	52
	Dry bulk fertilizer 0-0-60		01N-04198	
		Soluble Potash, %	59.65	60
	Dry bulk fertilizer 21-0-0-24		01N-04497	
		Total Nitrogen, %	21.11	21
		Sulfur, %	24.40	24
	Dry bulk fertilizer 46-0-0		01N-04597	
		Total Nitrogen, %	46.40	46
	Dry bulk fertilizer 0-0-60		01N-04598	
		Soluble Potash, %	59.69	60
	Dry bulk fertilizer 18-46-0		01N-04599	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.75	18
		Available Phosphate, %	46.77	46
	Dry bulk fertilizer 18-46-0		01N-04613	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.02	18
		Available Phosphate, %	46.91	46
	Dry bulk fertilizer 0-0-60		01N-04614	
		Soluble Potash, %	60.22	60
	Dry bulk fertilizer Urea 46-0-0		01N-05216	
		Arsenic, ug/g (ppm)	<0.4	0
		Cadmium, ug/g (ppm)	0.2	0
		Total Nitrogen, %	46.81	46
		Lead, ug/g (ppm)	<0.1	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
	Liquid fertilizer 28-0-0		01N-05218	
		Total Nitrogen, %	28.11	28
	Dry bulk fertilizer 46-0-0		01N-05344	
		Total Nitrogen, %	46.40	46
	Dry bulk fertilizer 18-46-0		01N-05345	
		Commercial Value	145.	146
		Overall Index Value	99.5	100
		Total Nitrogen, %	17.40	18
		Available Phosphate, %	46.50	46
	Dry bulk fertilizer Urea 46-0-0		01N-05644	
		Total Nitrogen, %	46.42	46
	Dry bulk fertilizer 18-46-0		01N-05898	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.68	18
		Available Phosphate, %	46.87	46
	Dry bulk fertilizer 46-0-0		01N-05899	
		Total Nitrogen, %	46.36	46
	Liquid fertilizer 28-0-0		01N-06267	
		Total Nitrogen, %	28.53	28

Manufacturer Location	Product	Analyte	Found	Claim
	Liquid fertilizer 10-34-0		01N-06272	
		Commercial Value	97.3	98
		Overall Index Value	99.3	100
		Total Nitrogen, %	10.03	10
		Available Phosphate, %	33.61	34
	Dry bulk fertilizer 46-0-0		01N-06478	
		Total Nitrogen, %	46.39	46
	Dry bulk fertilizer 21-0-0-24		01N-06479	
		Arsenic, ug/g (ppm)	1.2	0
		Cadmium, ug/g (ppm)	0.3	0
		Total Nitrogen, %	21.11	21
		Sulfur, %	24.66	24
		Lead, ug/g (ppm)	1.1	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	3.53	0
	Dry bulk fertilizer 11-52-0		01N-06480	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.06	11
		Available Phosphate, %	52.74	52
	Dry bulk fertilizer 0-0-60		01N-06481	
		Soluble Potash, %	59.42	60
	Dry bulk fertilizer 46-0-0 Urea		01N-06553	
		Total Nitrogen, %	46.41	46
	Dry bulk fertilizer 18-46-0 DAP		01N-06554	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.39	18
		Available Phosphate, %	46.95	46
	Dry bulk fertilizer 11-52-0 MAP		01N-06555	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	10.91	11
		Available Phosphate, %	53.06	52
Agrilience, LLC				
St. Paul, MN				
	Dry bulk fertilizer 46-0-0		01N-00293	
		Total Nitrogen, %	46.29	46
	Dry bulk fertilizer 46-0-0		01N-03396	
		Total Nitrogen, %	46.57	46
	Dry bulk fertilizer 18-46-0		01N-03397	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.05	18
		Available Phosphate, %	47.29	46
	Dry bulk fertilizer 46-0-0		01N-03401	
		Total Nitrogen, %	46.74	46
	Dry bulk fertilizer 46-0-0		01N-03402	
		Total Nitrogen, %	46.64	46
	Dry bulk fertilizer 46-0-0		01N-03435	
		Total Nitrogen, %	46.71	46
	Dry bulk fertilizer 18-46-0		01N-03436	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.72	18
		Available Phosphate, %	47.36	46

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 18-46-0		01N-03775	
		Commercial Value	146.	146
		Overall Index Value	99.7	100
		Total Nitrogen, %	17.64	18
		Available Phosphate, %	46.32	46
	Dry bulk fertilizer 46-0-0		01N-03776	
		Total Nitrogen, %	46.56	46
	Liquid fertilizer 10-34-0		01N-03778	
		Commercial Value	98.4	98
		Overall Index Value	100.	100
		Total Nitrogen, %	9.99	10
		Available Phosphate, %	34.22	34
	Dry bulk fertilizer 46-0-0		01N-03816	
		Total Nitrogen, %	46.39	46
	Dry bulk fertilizer 18-46-0		01N-03817	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.69	18
		Available Phosphate, %	46.76	46
	Liquid fertilizer 10-34-0		01N-03818	
		Commercial Value	97.5	98
		Overall Index Value	99.4	100
		Total Nitrogen, %	9.78	10
		Available Phosphate, %	34.06	34
	Custom blend fertilizer 36.67-15.33-0		01N-03819	
		Commercial Value	142.	140.67
		Overall Index Value	101.	100
		Total Nitrogen, %	36.89	36.67
		Available Phosphate, %	15.73	15.33
	Dry bulk fertilizer 18-46-0		01N-03863	
		Commercial Value	146.	146
		Overall Index Value	99.8	100
		Total Nitrogen, %	17.55	18
		Available Phosphate, %	46.53	46
	Liquid fertilizer 10-34-0		01N-03864	
		Commercial Value	97.9	98
		Overall Index Value	99.9	100
		Total Nitrogen, %	9.92	10
		Available Phosphate, %	34.06	34
	Dry bulk fertilizer 46-0-0		01N-03867	
		Total Nitrogen, %	46.49	46
	Dry bulk fertilizer 18-46-0		01N-03868	
		Commercial Value	146.	146
		Overall Index Value	99.7	100
		Total Nitrogen, %	17.49	18
		Available Phosphate, %	46.52	46
	Dry bulk fertilizer 46-0-0		01N-03870	
		Total Nitrogen, %	46.48	46
	Dry bulk fertilizer 46-0-0		01N-03872	
		Total Nitrogen, %	46.43	46
	Dry bulk fertilizer 18-46-0		01N-03873	
		Commercial Value	145.	146
		Overall Index Value	99.5	100
		Total Nitrogen, %	17.74	18
		Available Phosphate, %	46.00	46

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 18-46-0		01N-03886	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.76	18
		Available Phosphate, %	46.63	46
	Dry bulk fertilizer 11-52-0		01N-03889	
		Arsenic, ug/g (ppm)	18.3	0
		Cadmium, ug/g (ppm)	4.2	0
		Commercial Value	140.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.21	11
		Available Phosphate, %	52.95	52
		Lead, ug/g (ppm)	2.9	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.109	0
	Dry bulk fertilizer 46-0-0		01N-03890	
		Total Nitrogen, %	46.58	46
	Liquid fertilizer 10-34-0		01N-03963	
		Commercial Value	98.5	98
		Overall Index Value	100.	100
		Total Nitrogen, %	10.09	10
		Available Phosphate, %	34.11	34
	Liquid fertilizer 28-0-0		01N-03964	
		Total Nitrogen, %	28.56	28
	Dry bulk fertilizer 18-46-0		01N-04001	
		Commercial Value	145.	146
		Overall Index Value	99.6	100
		Total Nitrogen, %	17.76	18
		Available Phosphate, %	46.07	46
	Dry bulk fertilizer 46-0-0		01N-04003	
		Total Nitrogen, %	46.62	46
	Dry bulk fertilizer 18-46-0		01N-04004	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.03	18
		Available Phosphate, %	46.76	46
	Dry bulk fertilizer 46-0-0		01N-04006	
		Arsenic, ug/g (ppm)	<0.4	0
		Cadmium, ug/g (ppm)	0.2	0
		Total Nitrogen, %	46.56	46
		Lead, ug/g (ppm)	0.2	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
Agrium Conda Phosphate Operations				
Soda Springs, ID				
	Dry bulk fertilizer Ammonium Phosphate 11-52-0		01N-05125	
		Arsenic, ug/g (ppm)	9.8	0
		Cadmium, ug/g (ppm)	221.	0
		Commercial Value	143.	137
		Overall Index Value	104.	100
		Total Nitrogen, %	10.54	11
		Available Phosphate, %	55.72	52
		Lead, ug/g (ppm)	4.2	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.072	0

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 11-52-0		01N-05624	
		Commercial Value	136.	137
		Overall Index Value	99.3	100
		Total Nitrogen, %	10.69	11
		Available Phosphate, %	51.96	52
Agrium Inc.				
Calgary Alberta, CN				
	Dry bulk fertilizer 46-0-0		01N-00307	
		Total Nitrogen, %	46.31	46
	Dry bulk fertilizer 0-0-60		01N-04203	
		Soluble Potash, %	60.68	60
	Dry bulk fertilizer 0-0-60		01N-04607	
		Soluble Potash, %	60.05	60
Agrium U.S., Inc				
Denver, CO				
	Dry bulk fertilizer 46-0-0		01N-02922	
		Total Nitrogen, %	46.65	46
	Dry bulk fertilizer 46-0-0		01N-03542	
		Total Nitrogen, %	46.57	46
	Dry bulk fertilizer 46-0-0		01N-04201	
		Total Nitrogen, %	46.26	46
Agrium US Inc.				
Carseland AB, CN				
	Dry bulk fertilizer urea 46-0-0 bin 3		01N-05621	
		Total Nitrogen, %	46.66	46
Agrium US Inc.				
Redwater, Alberta, CN				
	Dry bulk fertilizer 20.5-0-0-24 Ammonium Sulfate Bin 4		01N-05623	
		Arsenic, ug/g (ppm)	<0.4	0
		Cadmium, ug/g (ppm)	0.2	0
		Total Nitrogen, %	20.54	20.5
		Sulfur, %	24.90	24
		Lead, ug/g (ppm)	0.1	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
AH Hoffman Inc				
Lancaster, PA				
	Ace Tomato and Vegetable Food 8-10-8		01N-03356	
		Commercial Value	67.4	52
		Overall Index Value	130.	100
		Total Nitrogen, %	9.87	8
		Available Phosphate, %	14.13	10
		Soluble Potash, %	9.49	8
Aim Lawn & Garden Products				
Avon Lake, OH				
	Scenic Green Weed and Feed 17-2-3		01N-03684	
		Commercial Value	65.1	58
		Overall Index Value	112.	100
		Total Nitrogen, %	16.54	17
		Available Phosphate, %	4.84	2
		Soluble Potash, %	5.77	3

Manufacturer Location	Product	Analyte	Found	Claim	
Alljack St. Louis, MO					
	Gro Best Rose Food Water Soluble 18-24-16		01N-03217		
		Arsenic, ug/g (ppm)	0.4	0	
		Cadmium, ug/g (ppm)	0.3	0	
		Commercial Value	128.	118	
		Overall Index Value	109.	100	
		Total Nitrogen, %	19.87	18	
		Available Phosphate, %	25.83	24	
		Soluble Potash, %	17.22	16	
		Lead, ug/g (ppm)	0.4	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	<0.045	0	
	Gro Best Tomato Food 18-18-21		01N-03219		
		Commercial Value	117.	111	
		Overall Index Value	106.	100	
		Total Nitrogen, %	19.76	18	
		Available Phosphate, %	18.29	18	
		Soluble Potash, %	21.46	21	
Am Turf R Bradley, MI					
	Am Turf R Wild Flowers W/Jobes Fertilizer		01N-03374		
		Commercial Value	8.1	3	
		Overall Index Value	271.	100	
		Total Nitrogen, %	1.99	0.5	
		Available Phosphate, %	0.72	0.5	
		Soluble Potash, %	0.73	0.5	
American Plant Food Co. Creve Coeur, MO					
	Sams Choice Deep Feeding All Purpose Plant Food		01N-09275		
		Commercial Value	132.	120	
		Overall Index Value	110.	100	
		Total Nitrogen, %	16.66	15	
		Available Phosphate, %	32.56	30	
		Soluble Potash, %	16.65	15	
Andersons (The) Lawn Fert Div Maumee, OH					
	*** Lawn Food Sam's Choice 29-3-4		01N-03424		
		Commercial Value	88.7	97	
		Overall Index Value	97.5	100	DEFICIENT
		Total Nitrogen, %	27.70	29	DEFICIENT
		Available Phosphate, %	3.36	3	
		Soluble Potash, %	4.33	4	
Arlington Farmers Elevator Arlington, SD					
	*** Custom blend fertilizer 31.79-12.19-7.95		01N-03883		
		Commercial Value	125.	127.7	
		Overall Index Value	98.2	100	
		Total Nitrogen, %	29.89	31.79	DEFICIENT
		Available Phosphate, %	12.53	12.19	
		Soluble Potash, %	10.82	7.95	
	*** Custom blend fertilizer 27.9-10.1-15.7		01N-03887		
		Commercial Value	113.	119.5	
		Overall Index Value	94.6	100	DEFICIENT
		Total Nitrogen, %	24.02	27.85	DEFICIENT
		Available Phosphate, %	9.90	10.1	
		Soluble Potash, %	20.26	15.7	

Manufacturer Location	Product	Analyte	Found	Claim	
Bayer-Pursell LLC.					
Birmingham, AL					
	Bayer Advanced Garden 2 in 1 Plant Spikes		01N-09273		
		Commercial Value	52.3	51	
		Overall Index Value	103.	100	
		Magnesium, %	1.11	1	
		Total Nitrogen, %	8.27	8	
		Available Phosphate, %	10.86	11	
		Soluble Potash, %	5.81	5	
BCA Products					
Sleepy Eye, MN					
	Garden Fertilizer 10-10-10		01N-03310		
		Arsenic, ug/g (ppm)	2.0	0	
		Cadmium, ug/g (ppm)	0.9	0	
		Commercial Value	63.2	60	
		Overall Index Value	105.	100	
		Total Nitrogen, %	10.90	10	
		Available Phosphate, %	10.30	10	
		Soluble Potash, %	9.85	10	
		Lead, ug/g (ppm)	1.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.062	0	
Beresford Farmers Coop Elevator					
Beresford, SD					
	Custom blend fertilizer 27.28-9-11.03		01N-04196		
		Commercial Value	123.	110.87	
		Overall Index Value	111.	100	
		Total Nitrogen, %	26.75	27.28	
		Available Phosphate, %	16.22	9	
		Soluble Potash, %	11.20	11.03	
Big Green Inc					
Mitchell, SD					
	Custom blend fertilizer 39.98-9.89-0		01N-04977		
		Commercial Value	140.	139.72	
		Overall Index Value	99.8	100	
		Total Nitrogen, %	39.76	39.98	
		Available Phosphate, %	10.11	9.89	
Calcium Products Inc.					
Gilmore City, IA					
	*** Dry bulk fertilizer SO4 CalSul		01N-04609		
		Arsenic, ug/g (ppm)	0.9	0	
		Cadmium, ug/g (ppm)	0.4	0	
		Calcium, %	19.07	23	DEFICIENT
		Sulfur, %	15.97	17	DEFICIENT
		Lead, ug/g (ppm)	1.8	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.049	0	
Cargill Fertilizer Inc					
Riverview, FL					
	Dry bulk fertilizer 10-50-0		01N-03399		
		Commercial Value	137.	130	
		Overall Index Value	105.	100	
		Total Nitrogen, %	10.68	10	
		Available Phosphate, %	52.29	50	

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry bulk fertilizer 10-50-0		01N-03858		
		Commercial Value	133.	130	
		Overall Index Value	102.	100	
		Total Nitrogen, %	10.50	10	
		Available Phosphate, %	50.77	50	
	Dry bulk fertilizer 10-50-0		01N-05415		
		Commercial Value	137.	130	
		Overall Index Value	106.	100	
		Total Nitrogen, %	10.66	10	
		Available Phosphate, %	52.70	50	
	Dry bulk fertilizer 10-50-0 Phosphate		01N-05634		
		Commercial Value	140.	130	
		Overall Index Value	107.	100	
		Total Nitrogen, %	11.20	10	
		Available Phosphate, %	53.03	50	
	Dry bulk fertilizer 46-0-0		01N-08690		
		Total Nitrogen, %	46.50	46	
	Dry bulk fertilizer 10-50-0		01N-10723		
		Commercial Value	138.	130	
		Overall Index Value	106.	100	
		Total Nitrogen, %	10.95	10	
		Available Phosphate, %	52.43	50	
Cargill Inc. Savage, MN					
	Dry bulk fertilizer 10-50-0		01N-03983		
		Arsenic, ug/g (ppm)	10.0	0	
		Cadmium, ug/g (ppm)	4.7	0	
		Commercial Value	137.	130	
		Overall Index Value	106.	100	
		Total Nitrogen, %	11.06	10	
		Available Phosphate, %	52.04	50	
		Lead, ug/g (ppm)	3.5	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.130	0	
Cenex Wolsey, SD					
	** Liquid fertilizer 10-34-0		01N-00292		
		Commercial Value	93.7	98	
		Overall Index Value	95.6	100	DEFICIENT
		Total Nitrogen, %	15.25	10	
		Available Phosphate, %	24.03	34	DEFICIENT
Cenex/Land O Lakes St. Paul, MN					
	Liquid fertilizer 10-34-0		01N-03865		
		Commercial Value	98.6	98	
		Overall Index Value	101.	100	
		Total Nitrogen, %	10.17	10	
		Available Phosphate, %	34.07	34	
Cenex/Land O Lakes Ag Services Bismarck, ND					
	Dry bulk fertilizer 46-0-0		01N-03362		
		Total Nitrogen, %	46.72	46	

Manufacturer Location	Product	Analyte	Found	Claim	
Centennial Ag Supply Company					
Kersey, CO					
	*** Liquid fertilizer & herbicide use dilution custom mix		01N-03592		
		Commercial Value	18.0	63	
		Overall Index Value	28.6	100	DEFICIENT
		Total Nitrogen, %	4.97	18	DEFICIENT
		Available Phosphate, %	1.28	3.6	DEFICIENT
		Soluble Potash, %	0.64	1.8	DEFICIENT
	*** Centennial Ag Supply Fert. 18-3.6-1.8		01N-03593		
		Commercial Value	61.6	63	
		Overall Index Value	97.7	100	DEFICIENT
		Total Nitrogen, %	16.87	18	DEFICIENT
		Available Phosphate, %	4.40	3.6	
		Soluble Potash, %	2.15	1.8	
	*** Liquid base fertilizer 18-1.8-3.6		01N-07335		
		Commercial Value	62.2	61.2	
		Overall Index Value	102.	100	
		Total Nitrogen, %	17.61	18	
		Available Phosphate, %	3.63	1.8	
		Soluble Potash, %	2.04	3.6	DEFICIENT
CF Industries Inc					
Long Grove, IL					
	Dry bulk fertilizer 46-0-0		01N-03394		
		Total Nitrogen, %	46.67	46	
	Dry bulk fertilizer 18-46-00		01N-03395		
		Commercial Value	147.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	17.79	18	
		Available Phosphate, %	46.60	46	
	Dry bulk fertilizer 46-0-0		01N-04612		
		Total Nitrogen, %	46.35	46	
	Dry bulk fertilizer 18-46-0		01N-04941		
		Commercial Value	146.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	18.40	18	
		Available Phosphate, %	45.45	46	
Chevron Chemical Company					
San Francisco, CA					
	Ortho Vegetable Garden Food 5-10-10		01N-00134		
		Commercial Value	46.5	45	
		Overall Index Value	103.	100	
		Total Nitrogen, %	5.10	5	
		Available Phosphate, %	9.56	10	
		Soluble Potash, %	12.06	10	
Clark Community Oil Co.					
Clark, SD					
	Custom blend fertilizer 35.95-11.98-3.59		01N-03598		
		Commercial Value	135.	135.4	
		Overall Index Value	99.6	100	
		Total Nitrogen, %	35.38	35.95	
		Available Phosphate, %	11.71	11.98	
		Soluble Potash, %	5.39	3.59	
Coastal Chemical Inc					
Cheyenne, WY					
	Dry bulk fertilizer 34-0-0		01N-04099		
		Total Nitrogen, %	34.97	34	

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry bulk fertilizer Ammonium Nitrate 34-0-0		01N-05622		
		Total Nitrogen, %	34.80	34	
Cone Ag Service					
Pierre, SD					
	Custom blend fertilizer		01N-03541		
		Commercial Value	140.		
		Total Nitrogen, %	35.13		
		Available Phosphate, %	17.07		
	Liquid fertilizer 10-34-0		01N-03590		
		Commercial Value	98.4	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	10.29	10	
		Available Phosphate, %	33.74	34	
	Liquid fertilizer 10-34-0		01N-04101		
		Commercial Value	98.1	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	9.88	10	
		Available Phosphate, %	34.23	34	
	Liquid fertilizer 10-34-0		01N-05617		
		Commercial Value	98.8	98	
		Overall Index Value	101.	100	
		Total Nitrogen, %	10.34	10	
		Available Phosphate, %	33.91	34	
Cooperative Agronomy Services					
Groton, SD					
	Dry bulk fertilizer Urea 46-0-0		01N-04182		
		Total Nitrogen, %	46.46	46	
Country Partners Cooperative					
Sisseton, SD					
	Custom blend fertilizer 37.54-0-11.04		01N-03962		
		Commercial Value	124.	123.66	
		Overall Index Value	100.	100	
		Total Nitrogen, %	37.55	37.54	
		Soluble Potash, %	11.33	11.04	
Cropmate Company					
Pekin, IL					
	Dry bulk fertilizer 46-0-0		01N-04998		
		Total Nitrogen, %	46.46	46	
	Dry bulk fertilizer 0-0-61		01N-05416		
		Arsenic, ug/g (ppm)	<0.4	0	
		Cadmium, ug/g (ppm)	0.2	0	
		Soluble Potash, %	60.22	61	
		Lead, ug/g (ppm)	0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	<0.045	0	
Dakota Diamond					
St. Lawrence, SD					
	** Dry bulk fertilizer 13-10-5		01N-09104		
		Calcium, %	4.12	4	
		Commercial Value	63.5	64	
		Overall Index Value	99.2	100	
		Total Nitrogen, %	13.21	13	
		Available Phosphate, %	10.00	10	
		Soluble Potash, %	4.07	5	
		Sulfur, %	18.44	17	
					DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim
Dakota Gasification Company				
Beulah, ND				
	Dry bulk fertilizer 21-0-0-24		01N-03860	
		Total Nitrogen, %	21.02	21
		Sulfur, %	24.46	24
Dakota Gasification Company				
Englewood, CO				
	Dry bulk fertilizer 21-0-0-24		01N-03548	
		Total Nitrogen, %	21.18	21
		Sulfur, %	24.68	24
Dakota Mill & Grain				
Fort Pierre, SD				
	Dry bulk fertilizer 18-46-0		01N-05212	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.92	18
		Available Phosphate, %	47.14	46
Dakota Mill and Grain				
Presho, SD				
	Dry bulk fertilizer urea 46-0-0		01N-05213	
		Total Nitrogen, %	46.19	46
Dakota Plains (Cargill)				
Tripp,				
	Dry bulk fertilizer 18-46-0		01N-04997	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.01	18
		Available Phosphate, %	47.42	46
Dakota Plains Ag Ctr				
Parkston, SD				
	Dry bulk fertilizer 18-46-0		01N-04495	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.87	18
		Available Phosphate, %	46.88	46
	Dry bulk fertilizer 11-52-0		01N-05247	
		Commercial Value	140.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.18	11
		Available Phosphate, %	53.12	52
	Dry bulk fertilizer 46-0-0		01N-05248	
		Total Nitrogen, %	46.43	46
De Bruce Fertilizer Inc.				
St. Louis, MO				
	Dry bulk fertilizer 46-0-0		01N-04942	
		Total Nitrogen, %	46.69	46
DeBoer Ag Service				
Oral, SD				
	Liquid fertilizer UAN 28-0-0		01N-02906	
		Total Nitrogen, %	27.88	28

Manufacturer Location	Product	Analyte	Found	Claim
DeBruce Fertilizer, Inc.				
Kansas City, MO				
	Dry bulk fertilizer 46-0-0		01N-05001	
		Total Nitrogen, %	46.58	46
Domestic Fertilizer Inc				
Paris, KY				
	Tree Food Stakes		01N-05770	
		Commercial Value	75.4	65
		Overall Index Value	116.	100
		Total Nitrogen, %	16.81	15
		Available Phosphate, %	8.71	7
		Soluble Potash, %	7.52	6
Eastern Farmers Coop				
Hurley, SD				
	Custom blend fertilizer 11.39-29.1-22.05		01N-04494	
		Commercial Value	116.	114.42
		Overall Index Value	101.	100
		Total Nitrogen, %	11.42	11.39
		Available Phosphate, %	29.72	29.1
		Soluble Potash, %	21.91	22.05
Easy Gardener				
Waco, TX				
	Jobes Plant Food Spikes		01N-03162	
		Commercial Value	63.4	54
		Overall Index Value	118.	100
		Total Nitrogen, %	12.08	10
		Available Phosphate, %	10.89	10
		Soluble Potash, %	5.43	4
	Ross Root Feeder 25-10-10		01N-09264	
		Commercial Value	115.	105
		Overall Index Value	110.	100
		Total Nitrogen, %	26.91	25
		Available Phosphate, %	11.64	10
		Soluble Potash, %	11.15	10
Easy Gardener Inc.				
Paris, KY				
	*** Jobs Fert. Spikes 16-4-4		01N-08787	
		Chlorine, %	5.98	4
		Commercial Value	65.4	60
		Overall Index Value	109.	100
		Total Nitrogen, %	16.62	16
		Available Phosphate, %	4.22	4
		Soluble Potash, %	7.09	4
Eau Claire Coop Oil Company				
Eau Claire, WI				
	Mennards Premium Crabgrass Preventor		01N-03164	
		Commercial Value	95.2	90
		Overall Index Value	106.	100
		Total Nitrogen, %	27.33	26
		Available Phosphate, %	2.45	2
		Soluble Potash, %	8.27	8

EXCESSIVE

Manufacturer Location	Product	Analyte	Found	Claim
	Forever Green Lawn Builder Weed and Feed		01N-09531	
	Commercial Value		88.4	89
	Iron, %		1.21	1
	Overall Index Value		99.3	100
	Total Nitrogen, %		25.46	26
	Available Phosphate, %		3.07	3
	Soluble Potash, %		5.84	5
	Sulfur, %		2.23	1
	Forever Green Lawn Builder Weed and Feed		01N-09537	
	Commercial Value		96.2	89
	Iron, %		0.92	1
	Overall Index Value		108.	100
	Total Nitrogen, %		27.93	26
	Available Phosphate, %		3.57	3
	Soluble Potash, %		5.31	5
	Sulfur, %		2.56	1
Estelline Coop Grain				
Estelline, SD				
	Custom blend fertilizer 30.8-15.43-7.57		01N-03777	
	Commercial Value		131.	130.83
	Overall Index Value		100.	100
	Total Nitrogen, %		30.40	30.8
	Available Phosphate, %		15.85	15.43
	Soluble Potash, %		8.41	7.57
Farmers Co-op Assc.				
Wilmot, SD				
	Custom blend fertilizer 35.02-18.04-0		01N-03961	
	Commercial Value		144.	141.14
	Overall Index Value		102.	100
	Total Nitrogen, %		35.59	35.02
	Available Phosphate, %		18.68	18.04
Farmers Coop Elevator				
New Effington, SD				
	Custom blend fertilizer 35.03-18.03-0		01N-04005	
	Commercial Value		143.	141.15
	Overall Index Value		101.	100
	Total Nitrogen, %		35.99	35.03
	Available Phosphate, %		17.37	18.03
Farmers Coop Oil				
White Lake, SD				
	Custom blend fertilizer 35.94-16.53-0		01N-03850	
	Commercial Value		143.	140.88
	Overall Index Value		102.	100
	Total Nitrogen, %		36.46	35.94
	Available Phosphate, %		17.02	16.53
Farmers Elevator				
Colfax, ND				
	Dry bulk fertilzier 46-0-0		01N-04499	
	Total Nitrogen, %		46.37	46
Farmers Plant Food Inc				
Garretson, SD				
	Liquid fertilizer 10-34-0		01N-03400	
	Commercial Value		96.4	98
	Overall Index Value		98.4	100
	Total Nitrogen, %		9.80	10
	Available Phosphate, %		33.50	34

Manufacturer Location	Product	Analyte	Found	Claim	
	Liquid fertilizer 28-0-0		01N-03888		
		Total Nitrogen, %	28.02	28	
	Dry bulk fertilizer 46-0-0		01N-04606		
		Total Nitrogen, %	46.45	46	
	Liquid fertilizer 10-34-0		01N-05244		
		Commercial Value	96.8	98	
		Overall Index Value	98.8	100	
		Total Nitrogen, %	9.83	10	
		Available Phosphate, %	33.66	34	
	Liquid fertilizer 28-0-0		01N-05245		
		Arsenic, ug/g (ppm)	<0.4	0	
		Cadmium, ug/g (ppm)	0.5	0	
		Total Nitrogen, %	27.66	28	
		Lead, ug/g (ppm)	1.8	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	<0.045	0	
	Liquid fertilizer 10-34-0		01N-06556		
		Commercial Value	98.1	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	10.03	10	
		Available Phosphate, %	33.99	34	
	Liquid fertilizer 28-0-0		01N-06634		
		Total Nitrogen, %	28.10	28	
	Liquid fertilizer 10-34-0		01N-06635		
		Commercial Value	98.7	98	
		Overall Index Value	101.	100	
		Total Nitrogen, %	9.96	10	
		Available Phosphate, %	34.41	34	
Farmers Plant Food Inc					
Wolsey, SD					
	Liquid fertilizer 28-0-0		01N-03989		
		Total Nitrogen, %	28.25	28	
	Liquid fertilizer 32-0-0		01N-03990		
		Total Nitrogen, %	32.11	32	
	Liquid fertilizer 10-34-0		01N-03991		
		Commercial Value	98.1	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	9.91	10	
		Available Phosphate, %	34.19	34	
	Liquid fertilizer 12-0-0-26		01N-03992		
		Total Nitrogen, %	11.78	12	
		Sulfur, %	26.09	26	
Farmers Union					
Faulkton, SD					
	*** Custom blend fertilizer 30.02-15.44-8.57		01N-04181		
		Commercial Value	120.	129.45	
		Overall Index Value	97.5	100	DEFICIENT
		Total Nitrogen, %	29.59	30.02	
		Available Phosphate, %	12.82	15.44	DEFICIENT
		Soluble Potash, %	12.17	8.51	
	*** Custom blend fertilizer 39.5-10.6-0		01N-04186		
		Commercial Value	145.	139.8	
		Overall Index Value	104.	100	
		Total Nitrogen, %	36.69	39.53	DEFICIENT
		Available Phosphate, %	17.44	10.61	

Manufacturer Location	Product	Analyte	Found	Claim	
	*** Custom blend fertilizer 35.03-18-0		01N-04187		
		Commercial Value	143.	141.09	
		Overall Index Value	101.	100	
		Total Nitrogen, %	33.80	35.03	DEFICIENT
		Available Phosphate, %	20.57	18	
Farmers Union Oil Company Pierpont, SD					
	*** Custom blend fertilizer 14.04-35.88-13.2		01N-04000		
		Commercial Value	132.	127.08	
		Overall Index Value	104.	100	
		Total Nitrogen, %	14.96	14.04	
		Available Phosphate, %	38.20	35.88	
		Soluble Potash, %	10.24	13.2	DEFICIENT
Farmland OLathe, KS					
	Dry bulk fertilizer 46-0-0		01N-08698		
		Total Nitrogen, %	46.38	46	
Farmland Industries Lawrence, KS					
	Dry bulk fertilizer 11-52-0		01N-10210		
		Commercial Value	139.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	10.80	11	
		Available Phosphate, %	53.07	52	
Florence Farmers Elevator Florence, SD					
	*** Custom blend fertilizer 35.08-17.94-0		01N-03837		
		Commercial Value	143.	141.12	
		Overall Index Value	101.	100	
		Total Nitrogen, %	36.36	35.08	
		Available Phosphate, %	16.67	17.94	DEFICIENT
Free Flow Fertilizer Maumee, OH					
	American Green TM Lawn Food 29-3-4		01N-03382		
		Chlorine, %	3.13	3.3	
		Commercial Value	100.	97	
		Overall Index Value	103.	100	
		Total Nitrogen, %	29.53	29	
		Available Phosphate, %	3.44	3	
		Soluble Potash, %	4.54	4	
	American Green Lawn Food 29-3-4		01N-03475		
		Chlorine, %	3.60	3.3	
		Commercial Value	97.4	97	
		Overall Index Value	100.	100	
		Total Nitrogen, %	28.68	29	
		Available Phosphate, %	3.31	3	
		Soluble Potash, %	4.76	4	
Fremar Farmers Coop Inc Marion, SD					
	*** Custom blend fertilizer 34-13-4		01N-04498		
		Commercial Value	123.	132	
		Overall Index Value	104.	100	
		Total Nitrogen, %	31.59	34	DEFICIENT
		Available Phosphate, %	18.70	13	
		Soluble Potash, %	4.63	4	

Manufacturer Location	Product	Analyte	Found	Claim	
Gro Tec Inc Madison, GA					
	*** Tree and Shrub Fert Spikes 16-10-9		01N-03423		
		Chlorine, %	9.08	9	
		Commercial Value	79.6	77	
		Overall Index Value	103.	100	
		Total Nitrogen, %	16.53	16	
		Available Phosphate, %	9.09	10	DEFICIENT
		Soluble Potash, %	11.63	9	
Growing Markets, Inc. West Des Moines, IA					
	*** Glorious Gardens Evergreen Food 9-15-12		01N-03583		
		Commercial Value	67.6	69	
		Overall Index Value	98.0	100	
		Total Nitrogen, %	8.80	9	
		Available Phosphate, %	15.70	15	
		Soluble Potash, %	10.17	12	DEFICIENT
Hamlin County Farmers Coop Hayti, SD					
	Custom blend fertilizer 35.08-17.94-0		01N-03771		
		Commercial Value	143.	141.12	
		Overall Index Value	101.	100	
		Total Nitrogen, %	34.43	35.08	
		Available Phosphate, %	19.84	17.94	
Harvest States Coop Claire City, SD					
	*** Custom blend fertilizer 35.03-18.03-0		01N-04002		
		Commercial Value	143.	141.15	
		Overall Index Value	101.	100	
		Total Nitrogen, %	32.39	35.03	DEFICIENT
		Available Phosphate, %	22.93	18.03	
Helana Chemical Co. Bassett, NE					
	Liquid fertilizer 32-0-0		01N-05642		
		Total Nitrogen, %	33.07	32	
	Liquid fertilizer 10-34-0		01N-05643		
		Commercial Value	97.9	98	
		Overall Index Value	99.9	100	
		Total Nitrogen, %	10.27	10	
		Available Phosphate, %	33.54	34	
Howard Johnsons Enterprises Inc Milwaukee, WI					
	Weed and Feed Fertilizer 10-6-4		01N-00136		
		Commercial Value	48.1	46	
		Overall Index Value	105.	100	
		Total Nitrogen, %	10.32	10	
		Available Phosphate, %	6.66	6	
		Soluble Potash, %	3.84	4	
	Hardware Hank Turf Food 28-3-4		01N-03375		
		Commercial Value	96.2	94	
		Iron, %	1.26	1	
		Overall Index Value	102.	100	
		Total Nitrogen, %	28.20	28	
		Available Phosphate, %	3.84	3	
		Soluble Potash, %	3.94	4	
		Sulfur, %	3.36	2.94	

Manufacturer Location	Product	Analyte	Found	Claim	
	Rose Food		01N-03582		
		Chlorine, %	11.89	12.5	
		Commercial Value	102.	118	
		Overall Index Value	114.	100	
		Total Nitrogen, %	21.77	18	
		Available Phosphate, %	25.79	24	
		Soluble Potash, %	21.89	16	
	Hardware Hank Weed and Feed Plus 26-3-4		01N-03584		
		Commercial Value	89.5	88	
		Overall Index Value	102.	100	
		Total Nitrogen, %	26.24	26	
		Available Phosphate, %	3.14	3	
		Soluble Potash, %	4.53	4	
	*** Hardware Hank Prevents Crabgrass		01N-03585		
		Chlorine, %	5.90	4	EXCESSIVE
		Commercial Value	89.0	83	
		Overall Index Value	107.	100	
		Total Nitrogen, %	24.82	23	
		Available Phosphate, %	3.54	3	
		Soluble Potash, %	7.48	8	
		Sulfur, %	1.96	2	
	*** Hardware Hank All Purpose Fertilizer 10-10-10		01N-03588		
		Arsenic, ug/g (ppm)	2.5	0	
		Cadmium, ug/g (ppm)	0.8	0	
		Commercial Value	54.4	60	
		Overall Index Value	90.7	100	DEFICIENT
		Total Nitrogen, %	8.94	10	DEFICIENT
		Available Phosphate, %	8.55	10	DEFICIENT
		Soluble Potash, %	10.16	10	
		Lead, ug/g (ppm)	0.5	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	<0.045	0	
	*** Howard Johnsons All Purpose Garden Food 5-10-5		01N-04018		
		Commercial Value	31.5	40	
		Overall Index Value	78.8	100	DEFICIENT
		Total Nitrogen, %	4.19	5	DEFICIENT
		Available Phosphate, %	7.03	10	DEFICIENT
		Soluble Potash, %	5.01	5	
	*** Rose Food		01N-05772		
		Chlorine, %	4.79	6	
		Commercial Value	36.6	39	
		Iron, %	1.13	1	
		Overall Index Value	93.7	100	DEFICIENT
		Total Nitrogen, %	4.70	5	
		Available Phosphate, %	7.94	9	DEFICIENT
		Soluble Potash, %	6.54	6	
	*** All Puposé Garden Food 5-10-5		01N-05773		
		Chlorine, %	4.03	3	EXCESSIVE
		Commercial Value	41.3	40	
		Overall Index Value	103.	100	
		Total Nitrogen, %	5.18	5	
		Available Phosphate, %	10.32	10	
		Soluble Potash, %	5.09	5	

Manufacturer Location	Product	Analyte	Found	Claim
	Lawn Builder Plus Crabgrass Preventer		01N-06275	
		Chlorine, %	2.96	3
		Commercial Value	83.9	84
		Overall Index Value	99.8	100
		Total Nitrogen, %	24.51	25
		Available Phosphate, %	3.32	3
		Soluble Potash, %	3.70	3
		Sulfur, %	1.75	1.6
	Howard Johnson Turf Food 24-2-3		01N-08974	
		Commercial Value	80.9	79
		Overall Index Value	102.	100
		Total Nitrogen, %	24.25	24
		Available Phosphate, %	2.73	2
		Soluble Potash, %	2.68	3
	Howard Johnson's Weed and Feed 20-0-0		01N-08975	
		Total Nitrogen, %	20.61	20
	Blood Meal 12-0-0		01N-09479	
		Total Nitrogen, %	14.73	12
	Bone Meal 3-6-0		01N-09480	
		Commercial Value	42.1	21
		Overall Index Value	201.	100
		Total Nitrogen, %	5.86	3
		Available Phosphate, %	12.27	6
IMC Kalium Canada				
Regina, Saskatchewan, CA				
	Dry bulk fertilizer 0-0-60		01N-03547	
		Arsenic, ug/g (ppm)	<0.4	0
		Cadmium, ug/g (ppm)	0.2	0
		Soluble Potash, %	59.77	60
		Lead, ug/g (ppm)	0.2	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
IMC Kalium Ltd.				
Deerfield, IL				
	Dry bulk fertilizer 0-45-0		01N-03597	
		Available Phosphate, %	48.74	45
IMC USA Inc.				
Lake Forest, IL				
	Dry bulk fertilizer 0-0-62		01N-02921	
		Soluble Potash, %	61.43	62
	Dry bulk fertilizer 18-46-0		01N-02923	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.03	18
		Available Phosphate, %	47.60	46
	Dry bulk fertilizer 18-46-0		01N-04202	
		Commercial Value	148.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	17.95	18
		Available Phosphate, %	47.26	46
	Dry bulk fertilizer 11-52-0		01N-04608	
		Commercial Value	139.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.07	11
		Available Phosphate, %	53.14	52

Manufacturer Location	Product	Analyte	Found	Claim
Ironite Products Company Scottsdale, AZ				
	Ironite Liquid Lawn and Garden Spray		01N-09270	
		Commercial Value	31.2	23
		Overall Index Value	136.	100
		Total Nitrogen, %	8.26	6
		Available Phosphate, %	2.03	2
		Soluble Potash, %	2.36	1
		Sulfur, %	1.07	1
Johnsons Ranchers Supply Inc Wall, SD				
	Liquid fertilizer 28-0-0		01N-04100	
		Total Nitrogen, %	27.77	28
JR Simplot Rock Springs, WY				
	Dry bulk fertilizer 11-52-0		01N-00294	
		Commercial Value	139.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.03	11
		Available Phosphate, %	52.99	52
	Dry bulk fertilizer 11-52-0		01N-05215	
		Arsenic, ug/g (ppm)	3.1	0
		Cadmium, ug/g (ppm)	0.5	0
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	10.97	11
		Available Phosphate, %	52.76	52
		Lead, ug/g (ppm)	0.5	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
Knox Fertilizer Co Inc Knox, IN				
	*** Quality Select Premium Lawn Starter 12-22-14		01N-03769	
		Commercial Value	92.3	94
		Overall Index Value	98.2	100
		Total Nitrogen, %	11.48	12
		Available Phosphate, %	20.51	22
		Soluble Potash, %	16.84	14
	*** Quality Select Premium Turf Food 27-3-3		01N-03770	
		Chlorine, %	4.95	3
		Commercial Value	94.8	90
		Overall Index Value	105.	100
		Total Nitrogen, %	26.44	27
		Available Phosphate, %	4.73	3
		Soluble Potash, %	6.07	3
Labolt Farmers Grain Labolt, SD				
	Custom blend fertilizer 15.33-0-40		01N-03869	
		Commercial Value	84.8	85.99
		Overall Index Value	98.6	100
		Total Nitrogen, %	14.89	15.33
		Soluble Potash, %	40.03	40

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EXCESSIVE

Manufacturer Location	Product	Analyte	Found	Claim	
Lake Norden Farmers Elevator					
Lake Norden, SD					
	*** Custom blend fertilizer 37.97-13.19-0		01N-03774		
		Commercial Value	142.	140.29	
		Overall Index Value	101.	100	
		Total Nitrogen, %	39.08	37.97	
		Available Phosphate, %	12.48	13.19	DEFICIENT
Lake Preston Farm Supply					
Lake Preston, SD					
	Custom blend fertilizer 28.5-28.61-0		01N-03815		
		Commercial Value	144.	142.96	
		Overall Index Value	101.	100	
		Total Nitrogen, %	28.81	28.58	
		Available Phosphate, %	28.90	28.61	
Lebanon Chemical Corp					
Lebanon, PA					
	Greenview R Preen and Green and Fertilizer Prevent		01N-03379		
		Chlorine, %	8.69	8	
		Commercial Value	81.6	70	
		Overall Index Value	117.	100	
		Total Nitrogen, %	10.36	9	
		Available Phosphate, %	19.50	17	
		Soluble Potash, %	11.52	9	
Linear Grain, Inc					
Carman, Manitoba, CA					
	Dry bulk fertilizer 0-0-60		01N-04496		
		Soluble Potash, %	59.13	60	
Martha Stewart LLC					
Buffalo, NY					
	Martha Stewart Seed Starting Mix Premium .08-.24-.08		01N-06404		
		Commercial Value	2.1	0.8	
		Overall Index Value	266.	100	
		Total Nitrogen, %	0.45	0.08	
		Available Phosphate, %	0.34	0.24	
		Soluble Potash, %	0.10	0.08	
Medicine Hat					
Calgary, Alberta, CN					
	Dry bulk fertilizer 46-0-0		01N-10722		
		Total Nitrogen, %	46.45	46	
Midwest Cooperatives					
Pierre, SD					
	Liquid fertilizer 28-0-0		01N-00291		
		Total Nitrogen, %	27.97	28	
	*** Liquid fertilizer 10-34-0		01N-00298		
		Commercial Value	92.5	98	
		Overall Index Value	94.4	100	DEFICIENT
		Total Nitrogen, %	10.38	10	
		Available Phosphate, %	30.67	34	DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim	
Miracle Gro Lawn Products					
Marysville, OH					
	Miracle Gro Lawn Fert 31-3-9		01N-09520		
		Commercial Value	109.	108	
		Iron, %	2.77	2	
		Overall Index Value	101.	100	
		Total Nitrogen, %	30.43	31	
		Available Phosphate, %	3.83	3	
		Soluble Potash, %	9.70	9	
		Sulfur, %	4.82	3.5	
Miracle Gro Lawn Products					
Port Washington, NY					
	Miracle-Gro Lawn Fert 31-3-9		01N-02735		
		Commercial Value	111.	108	
		Overall Index Value	103.	100	
		Total Nitrogen, %	31.22	31	
		Available Phosphate, %	3.25	3	
		Soluble Potash, %	11.24	9	
	Miracle Gro Potting Mix		01N-03687		
		Commercial Value	1.8	0.84	
		Overall Index Value	218.	100	
		Total Nitrogen, %	0.47	0.14	
		Available Phosphate, %	0.14	0.14	
		Soluble Potash, %	0.15	0.14	
	*** Miracle Gro Lawn Fert 31-3-9		01N-06406		
		Commercial Value	107.	108	
		Iron, %	3.69	2	
		Overall Index Value	99.1	100	
		Total Nitrogen, %	29.26	31	DEFICIENT
		Available Phosphate, %	4.25	3	
		Soluble Potash, %	11.35	9	
		Sulfur, %	4.35	3.5	
Northern Ag Supply					
Burnsville, MN					
	Dry bulk fertilizer 46-0-0		01N-08699		
		Total Nitrogen, %	46.50	46	
	Dry bulk fertilizer 18-46-0		01N-08700		
		Commercial Value	147.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.88	18	
		Available Phosphate, %	46.67	46	
Nutra-Flo Company					
Sioux City, IA					
	Liquid fertilizer 8-20-5-5		01N-04901		
		Commercial Value	70.8	69	
		Overall Index Value	103.	100	
		Total Nitrogen, %	8.38	8	
		Available Phosphate, %	20.28	20	
		Soluble Potash, %	5.06	5	
		Sulfur, %	4.61	5	

Manufacturer Location	Product	Analyte	Found	Claim
PCS Sales (USA) Inc.				
Northbrook, IL				
	Dry bulk fertilizer 0-0-60		01N-05249	
		Arsenic, ug/g (ppm)	<0.4	0
		Cadmium, ug/g (ppm)	0.3	0
		Soluble Potash, %	60.78	60
		Lead, ug/g (ppm)	0.3	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
Pursell Industries Inc				
Sylacauga, AL				
	*** Holland Bulb Booster Fertilizer 9-9-6		01N-03216	
		Chlorine, %	1.60	4.8
		Commercial Value	33.5	51
		Overall Index Value	121.	100
		Total Nitrogen, %	12.08	9
		Available Phosphate, %	10.12	9
		Soluble Potash, %	5.25	6
				DEFICIENT
	** Martha Stewart Tomato and Veg. Fertilizer		01N-03220	
		Calcium, %	15.26	16
		Commercial Value	23.4	30
		Iron, %	0.88	1
		Overall Index Value	141.	100
		Magnesium, %	0.35	2
		Total Nitrogen, %	4.59	4
		Available Phosphate, %	11.73	6
		Soluble Potash, %	4.80	6
		Sulfur, %	2.78	3
				DEFICIENT
	KGro Super 150 Weed and Feed 28-3-3		01N-03227	
		Commercial Value	94.2	93
		Overall Index Value	101.	100
		Total Nitrogen, %	27.43	28
		Available Phosphate, %	3.33	3
		Soluble Potash, %	5.21	3
	KGro Premium Crabgrass Preventer Plus Fertilizer		01N-03228	
		Commercial Value	95.8	94
		Overall Index Value	102.	100
		Total Nitrogen, %	28.14	28
		Available Phosphate, %	3.18	3
		Soluble Potash, %	5.04	4
	Holland Bulb Booster Fert. 9-9-6		01N-03353	
		Commercial Value	68.8	51
		Overall Index Value	135.	100
		Total Nitrogen, %	12.51	9
		Available Phosphate, %	11.73	9
		Soluble Potash, %	7.77	6
	Ace Premium Lawn Fertilizer 35-2-4		01N-03380	
		Commercial Value	122.	113
		Overall Index Value	108.	100
		Total Nitrogen, %	35.43	35
		Available Phosphate, %	5.51	2
		Soluble Potash, %	4.43	4
	Ace Premium Weed and Feed 29-3-4		01N-03678	
		Commercial Value	105.	97
		Overall Index Value	108.	100
		Total Nitrogen, %	30.58	29
		Available Phosphate, %	3.68	3
		Soluble Potash, %	5.42	4

Manufacturer Location	Product	Analyte	Found	Claim		
Quali Trade, Inc. Shakopee, MN	*** Ace Premium Lawn Fertilizer 35-2-4		01N-04159			
		Commercial Value	110.	113		
		Overall Index Value	97.3	100	DEFICIENT	
		Total Nitrogen, %	33.42	35	DEFICIENT	
		Available Phosphate, %	2.89	2		
		Soluble Potash, %	4.73	4		
	K-Gro Premium Weed and Feed 28-3-3		01N-05695			
		Commercial Value	100.	93		
		Overall Index Value	108.	100		
		Total Nitrogen, %	30.26	28		
		Available Phosphate, %	3.12	3		
		Soluble Potash, %	3.26	3		
	*** Ace Premium Lawn fertilizer 35-2-4		01N-07635			
		Commercial Value	104.	113		
		Overall Index Value	98.8	100		
		Total Nitrogen, %	33.67	35	DEFICIENT	
		Available Phosphate, %	2.63	2		
		Soluble Potash, %	5.13	4		
	*** Martha Stewart Acid Loving Plant Fertilizer 4-6-4		01N-09517			
		Calcium, %	13.30	14		
		Commercial Value	33.9	28		
		Iron, %	1.08	1		
Overall Index Value		121.	100			
Total Nitrogen, %		4.73	4			
Available Phosphate, %		8.73	6			
Soluble Potash, %		2.79	4	DEFICIENT		
		Sulfur, %	8.12	6		
Summer Green 15-2-3			01N-10141			
	Chlorine, %	2.35	2.4			
	Commercial Value	53.4	52			
	Iron, %	3.00	3			
	Overall Index Value	103.	100			
	Total Nitrogen, %	15.13	15			
	Available Phosphate, %	2.44	2			
	Soluble Potash, %	3.14	3			
*** Mum Booster 17-5-11		01N-10959				
	Commercial Value	77.3	72			
	Overall Index Value	107.	100			
	Total Nitrogen, %	15.72	17	DEFICIENT		
	Available Phosphate, %	8.68	5			
	Soluble Potash, %	12.16	11			
Vigoro Rose Food 15-5-13		01N-10960				
	Commercial Value	81.5	68			
	Iron, %	1.01	1			
	Overall Index Value	120.	100			
	Magnesium, %	1.65	1.5			
	Total Nitrogen, %	18.12	15			
	Available Phosphate, %	7.02	5			
	Soluble Potash, %	13.13	13			
		Sulfur, %	8.52	3		
Dry bulk fertilizer 21-0-0-24		01N-04605				
	Total Nitrogen, %	21.18	21			
	Sulfur, %	24.10	24			

Manufacturer Location	Product	Analyte	Found	Claim	
Revilla Farmers Elevator					
Revilla, SD					
	*** Custom blend fertilizer 29.66-14.96-9.43		01N-03866		
		Commercial Value	128.	128.33	
		Overall Index Value	99.4	100	
		Total Nitrogen, %	30.10	29.66	
		Available Phosphate, %	13.73	14.96	DEFICIENT
		Soluble Potash, %	11.03	9.43	
Saskferco					
Belle Plaine, Sask., CN					
	Dry bulk fertilizer 46-0-0		01N-03981		
		Total Nitrogen, %	46.50	46	
	Dry bulk fertilizer 46-0-0		01N-05417		
		Total Nitrogen, %	46.69	46	
	Dry bulk fertilizer urea 46-0-0		01N-05632		
		Total Nitrogen, %	46.32	46	
Schultz Company					
Bridgeton, MO					
	Schultz African Violet Plus 8-14-9		01N-03163		
		Commercial Value	63.9	61	
		Overall Index Value	105.	100	
		Total Nitrogen, %	8.19	8	
		Available Phosphate, %	14.91	14	
		Soluble Potash, %	9.48	9	
	Shultz Expert Rose Food 10-12-12		01N-09112		
		Commercial Value	67.6	66	
		Overall Index Value	102.	100	
		Total Nitrogen, %	10.13	10	
		Available Phosphate, %	12.69	12	
		Soluble Potash, %	11.82	12	
	Schultz Expert Tomato Food		01N-09113		
		Commercial Value	65.7	62	
		Overall Index Value	106.	100	
		Total Nitrogen, %	9.73	9	
		Available Phosphate, %	10.10	10	
		Soluble Potash, %	16.27	15	
	*** Schultz Expert Spray Green Weed and Feed		01N-09533		
		Chlorine, %	1.82	1.5	EXCESSIVE
		Commercial Value	65.4	64	
		Overall Index Value	102.	100	
		Total Nitrogen, %	20.34	20	
		Available Phosphate, %	1.12	1	
		Soluble Potash, %	2.16	2	
	*** Schultz Expert Spray Weed and Feed		01N-09535		
		Chlorine, %	1.80	1.5	EXCESSIVE
		Commercial Value	65.0	64	
		Overall Index Value	102.	100	
		Total Nitrogen, %	20.38	20	
		Available Phosphate, %	0.82	1	
		Soluble Potash, %	2.19	2	

Manufacturer Location	Product	Analyte	Found	Claim
Schultz Company				
St. Louis, MO				
	Schultz All Purpose Plant Food 20-30-20		01N-00135	
	Commercial Value		144.	140
	Overall Index Value		103.	100
	Total Nitrogen, %		20.63	20
	Available Phosphate, %		31.54	30
	Soluble Potash, %		19.41	20
	Potting Soil .08-.12-.08		01N-03421	
	Commercial Value		2.2	0.56
	Overall Index Value		392.	100
	Total Nitrogen, %		0.48	0.08
	Available Phosphate, %		0.31	0.12
	Soluble Potash, %		0.15	0.08
Scotts Company				
Marysville, OH				
	Scotts Natural Bone Meal Enriched with Iron		01N-03221	
	Arsenic, ug/g (ppm)		<0.4	0
	Cadmium, ug/g (ppm)		0.2	0
	Commercial Value		49.1	42
	Overall Index Value		117.	100
	Total Nitrogen, %		6.61	6
	Available Phosphate, %		14.63	12
	Lead, ug/g (ppm)		1.2	0
	Mercury, ug/g (ppm)		<0.10	0
	Selenium, ug/g (ppm)		0.195	0
	Scotts Evergreen Shrub and Tree Food 31-3-10		01N-03226	
	Commercial Value		109.	109
	Overall Index Value		100.	100
	Total Nitrogen, %		31.05	31
	Available Phosphate, %		2.92	3
	Soluble Potash, %		10.03	10
	Sulfur, %		4.39	3.8
	Scotts Starter Fertilizer 20-27-5		01N-03229	
	Commercial Value		128.	119
	Overall Index Value		107.	100
	Total Nitrogen, %		20.97	20
	Available Phosphate, %		29.18	27
	Soluble Potash, %		6.47	5
	Sulfur, %		3.01	2
	Scotts Lawn Pro Lawn Fertilizer 31-3-9		01N-03311	
	Commercial Value		113.	108
	Overall Index Value		105.	100
	Total Nitrogen, %		32.24	31
	Available Phosphate, %		3.31	3
	Soluble Potash, %		10.11	9
	Scotts Blossom Booster 18-22-8		01N-03355	
	Commercial Value		116.	106
	Overall Index Value		109.	100
	Total Nitrogen, %		20.62	18
	Available Phosphate, %		22.31	22
	Soluble Potash, %		9.27	8
	Osmocote Vegetable and Bedding Plant Food 14-14-14		01N-03357	
	Commercial Value		86.2	84
	Overall Index Value		103.	100
	Total Nitrogen, %		14.29	14
	Available Phosphate, %		14.72	14
	Soluble Potash, %		13.92	14

Manufacturer Location	Product	Analyte	Found	Claim	
	Scotts Lawn Fertilizer 32-3-10		01N-03572		
		Commercial Value	117.	112	
		Overall Index Value	105.	100	
		Total Nitrogen, %	33.13	32	
		Available Phosphate, %	3.52	3	
		Soluble Potash, %	10.78	10	
	Scotts Lawn Pro Super Turf Builder		01N-03586		
		Commercial Value	101.	99	
		Overall Index Value	102.	100	
		Total Nitrogen, %	30.19	30	
		Available Phosphate, %	3.51	3	
		Soluble Potash, %	3.51	3	
	Scotts Lawn Pro Super Turf Builder Plus 2 Weed Control		01N-03587		
		Commercial Value	97.6	96	
		Overall Index Value	102.	100	
		Total Nitrogen, %	29.56	29	
		Available Phosphate, %	2.91	3	
		Soluble Potash, %	3.06	3	
	"Scotts" Lawn Pro R Super Turf Builder Lawn Fertilizer		01N-03680		
		Commercial Value	101.	99	
		Overall Index Value	102.	100	
		Total Nitrogen, %	29.59	30	
		Available Phosphate, %	4.18	3	
		Soluble Potash, %	4.14	3	
	African Violet Plant Food 7-7-7		01N-04016		
		Commercial Value	45.0	42	
		Overall Index Value	107.	100	
		Total Nitrogen, %	7.53	7	
		Available Phosphate, %	7.77	7	
		Soluble Potash, %	6.87	7	
	Scotts Lawn Pro Super Turf Builder Lawn Fert. 30-3-3		01N-04020		
		Commercial Value	103.	99	
		Iron, %	2.02	1.8	
		Overall Index Value	104.	100	
		Total Nitrogen, %	31.00	30	
		Available Phosphate, %	3.32	3	
		Soluble Potash, %	3.18	3	
		Sulfur, %	6.88	4.5	
	*** Scotts Lawn Fertilizer 31-3-9		01N-04021		
		Commercial Value	112.	108	
		Iron, %	1.51	2	DEFICIENT
		Overall Index Value	104.	100	
		Total Nitrogen, %	31.28	31	
		Available Phosphate, %	2.98	3	
		Soluble Potash, %	12.51	9	
		Sulfur, %	4.72	3.5	
	Miracle Gro All Purpose Plant Food		01N-05694		
		Commercial Value	129.	120	
		Overall Index Value	108.	100	
		Total Nitrogen, %	16.61	15	
		Available Phosphate, %	32.56	30	
		Soluble Potash, %	14.07	15	
	Scotts Turf Builder		01N-06276		
		Commercial Value	95.0	93	
		Overall Index Value	102.	100	
		Total Nitrogen, %	28.31	28	
		Available Phosphate, %	3.19	3	
		Soluble Potash, %	3.64	3	

Manufacturer Location	Product	Analyte	Found	Claim	
	Scott's Turf Builder		01N-06277		
		Commercial Value	104.	100	
		Overall Index Value	104.	100	
		Total Nitrogen, %	30.79	30	
		Available Phosphate, %	3.24	3	
		Soluble Potash, %	5.01	4	
		Sulfur, %	8.11	8.5	
	Osmocote Vegy and Bedding Plant Food 14-14-14		01N-06403		
		Commercial Value	85.6	84	
		Overall Index Value	102.	100	
		Total Nitrogen, %	14.16	14	
		Available Phosphate, %	14.30	14	
		Soluble Potash, %	14.48	14	
	Scotts Turf Builder 29-3-4		01N-06405		
		Commercial Value	99.9	97	
		Overall Index Value	103.	100	
		Total Nitrogen, %	28.82	29	
		Available Phosphate, %	4.39	3	
		Soluble Potash, %	4.68	4	
**	Miracid Plant Food 30-10-10		01N-08786		
		Commercial Value	120.	120	
		Overall Index Value	100.	100	
		Total Nitrogen, %	28.82	30	DEFICIENT
		Available Phosphate, %	11.50	10	
		Soluble Potash, %	11.17	10	
	Scotts Super Winterizer Fall Lawn Fert		01N-08788		
		Commercial Value	92.3	90	
		Overall Index Value	103.	100	
		Total Nitrogen, %	23.88	24	
		Available Phosphate, %	3.69	3	
		Soluble Potash, %	13.24	12	
		Sulfur, %	11.30	10	
**	Scotts Winterizer		01N-08968		
		Commercial Value	74.6	90	
		Overall Index Value	95.6	100	DEFICIENT
		Total Nitrogen, %	22.98	24	DEFICIENT
		Available Phosphate, %	2.68	3	
		Soluble Potash, %	11.60	12	
	Scotts Super Turf Builder with Plus 2 Weed Control		01N-09266		
		Commercial Value	96.6	96	
		Overall Index Value	101.	100	
		Total Nitrogen, %	29.18	29	
		Available Phosphate, %	3.03	3	
		Soluble Potash, %	3.03	3	
	Scotts Super Turf Builder With Weed Control		01N-09268		
		Commercial Value	95.8	96	
		Overall Index Value	99.8	100	
		Total Nitrogen, %	28.44	29	
		Available Phosphate, %	3.67	3	
		Soluble Potash, %	3.14	3	
	Scotts Super Winterizer		01N-09850		
		Commercial Value	92.4	90	
		Overall Index Value	103.	100	
		Total Nitrogen, %	24.61	24	
		Available Phosphate, %	3.20	3	
		Soluble Potash, %	12.15	12	
		Sulfur, %	10.68	10	

Manufacturer Location	Product	Analyte	Found	Claim
	Bright Wildflower Mix (Miracle Grow) 2-2-1		01N-10142	
		Commercial Value	14.0	11
		Overall Index Value	127.	100
		Total Nitrogen, %	2.38	2
		Available Phosphate, %	2.88	2
		Soluble Potash, %	1.12	1
Scotts Miracle-Grow				
Port Washington, NY				
	Miracle Gro Plant Food Spikes 6-12-6		01N-03215	
		Commercial Value	53.2	48
		Overall Index Value	111.	100
		Total Nitrogen, %	7.06	6
		Available Phosphate, %	12.74	12
		Soluble Potash, %	6.56	6
	Miracle - Gro 15-30-15		01N-03358	
		Commercial Value	122.	120
		Overall Index Value	102.	100
		Total Nitrogen, %	14.45	15
		Available Phosphate, %	31.85	30
		Soluble Potash, %	15.26	15
	Miracle-Gro R Evergreen Fert. Spikes		01N-03376	
		Commercial Value	76.5	66
		Overall Index Value	116.	100
		Total Nitrogen, %	13.63	12
		Available Phosphate, %	11.22	10
		Soluble Potash, %	13.16	10
	Miracle - Gro R Tree and Shrub Fert. Spikes		01N-03377	
		Commercial Value	75.5	74
		Overall Index Value	102.	100
		Total Nitrogen, %	15.21	15
		Available Phosphate, %	10.17	10
		Soluble Potash, %	9.53	9
	Liquid Miracle Gro-Plant Food Drops 8-7-6		01N-03474	
		Commercial Value	48.2	44
		Overall Index Value	110.	100
		Total Nitrogen, %	8.72	8
		Available Phosphate, %	7.93	7
		Soluble Potash, %	6.18	6
	Miracle Gro Plant Food		01N-03571	
		Commercial Value	125.	120
		Overall Index Value	104.	100
		Total Nitrogen, %	15.04	15
		Available Phosphate, %	32.25	30
		Soluble Potash, %	15.71	15
	Miracle Gro Tree and Shrub Spikes 15-10-9		01N-03683	
		Commercial Value	75.2	74
		Overall Index Value	102.	100
		Total Nitrogen, %	15.57	15
		Available Phosphate, %	9.48	10
		Soluble Potash, %	9.57	9
	Miracle Grow for Tomatoes 18-18-21		01N-03966	
		Commercial Value	118.	111
		Overall Index Value	106.	100
		Total Nitrogen, %	20.15	18
		Available Phosphate, %	17.95	18
		Soluble Potash, %	21.24	21

Manufacturer Location	Product	Analyte	Found	Claim	
	Miracle-Gro All Purpose Water Soluble Plant Food 15-30-15		01N-05691		
		Commercial Value	124.	120	
		Overall Index Value	103.	100	
		Total Nitrogen, %	15.21	15	
		Available Phosphate, %	31.36	30	
		Soluble Potash, %	15.20	15	
SD Wheat Growers					
McLaughlin, SD					
	Custom blend fertilizer Mark Vollmuth		01N-03861		
		Commercial Value	117.	116	
		Overall Index Value	101.	100	
		Total Nitrogen, %	12.76	12	
		Available Phosphate, %	39.39	40	
		Sulfur, %	9.06	4.8	
	Custom blend fertilizer 20.54-20.53-10.26 Larry Peterson		01N-03862		
		Commercial Value	106.	102.68	
		Overall Index Value	104.	100	
		Total Nitrogen, %	21.03	20.54	
		Available Phosphate, %	21.64	20.53	
		Sulfur, %	11.54	10.26	
SD Wheat Growers					
Willow Lake, SD					
	** Custom blend fertilizer 13.99-34.96-13.99		01N-03601		
		Commercial Value	128.	125.9	
		Overall Index Value	102.	100	
		Total Nitrogen, %	14.35	13.99	
		Available Phosphate, %	36.57	34.96	
		Soluble Potash, %	12.10	13.99	DEFICIENT
SD Wheatgrowers Assn					
Aberdeen, SD					
	Dry bulk fertilizer 28-28-0		01N-05214		
		Arsenic, ug/g (ppm)	7.5	0	
		Cadmium, ug/g (ppm)	2.0	0	
		Commercial Value	143.	140	
		Overall Index Value	102.	100	
		Total Nitrogen, %	28.69	28	
		Available Phosphate, %	28.25	28	
		Lead, ug/g (ppm)	1.4	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.066	0	
SD Wheatgrowers Assn					
Huron, SD					
	Custom blend fertilizer 43.4-0-0-5.09		01N-03986		
		Total Nitrogen, %	42.71	43.4	
		Sulfur, %	7.78	5.09	
	Dry bulk fertilizer Phosphorus 10-50-0		01N-05688		
		Arsenic, ug/g (ppm)	9.8	0	
		Cadmium, ug/g (ppm)	3.2	0	
		Commercial Value	132.	130	
		Overall Index Value	102.	100	
		Total Nitrogen, %	10.34	10	
		Available Phosphate, %	50.57	50	
		Lead, ug/g (ppm)	3.6	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.182	0	

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry bulk fertilizer	Ammonium Sulfate 21-0-0-24	01N-05689		
		Total Nitrogen, %	20.66	21	
		Sulfur, %	24.81	24	
	Dry bulk fertilizer	Urea 46-0-0	01N-05690		
		Total Nitrogen, %	46.52	46	
SE Farmers Elevator					
Elk Point, SD					
	Custom blend fertilizer	32.11-16.05-5.38	01N-04611		
		Commercial Value	133.	133.81	
		Overall Index Value	99.0	100	
		Total Nitrogen, %	31.38	32.11	
		Available Phosphate, %	15.93	16.05	
		Soluble Potash, %	6.52	5.38	
Simplot					
Boise, ID					
	Dry bulk fertilizer	11-52-0	01N-03543		
		Commercial Value	136.	137	
		Overall Index Value	99.2	100	
		Total Nitrogen, %	10.75	11	
		Available Phosphate, %	51.82	52	
Simplot Soil Builders					
Beresford, SD					
	**	Custom blend fertilizer	34.32-20.28-12.17	01N-04200	
		Commercial Value	126.	125.69	
		Overall Index Value	100.	100	
		Total Nitrogen, %	22.71	24.32	DEFICIENT
		Available Phosphate, %	20.82	20.28	
		Soluble Potash, %	15.97	12.17	
Sinai Coop Elevator					
Sinai, SD					
	Custom blend fertilizer	21.69-36.11-0	01N-03891		
		Commercial Value	139.	137.29	
		Overall Index Value	102.	100	
		Total Nitrogen, %	22.34	21.69	
		Available Phosphate, %	36.20	36.11	
	Custom blend fertilizer	37.5-9.38-2.86	01N-03892		
		Commercial Value	137.	134.12	
		Overall Index Value	102.	100	
		Total Nitrogen, %	38.39	37.5	
		Available Phosphate, %	8.92	9.38	
		Soluble Potash, %	3.63	2.86	
Solaris Group					
San Ramon, CA					
	Ortho Rose and Flower Care	8-12-4	01N-03686		
		Commercial Value	58.8	52	
		Overall Index Value	113.	100	
		Total Nitrogen, %	8.72	8	
		Available Phosphate, %	13.48	12	
		Soluble Potash, %	5.63	4	
	Green Sweep Weed and Feed	20-0-0	01N-08973		
		Total Nitrogen, %	20.80	20	

Manufacturer Location	Product	Analyte	Found	Claim	
Southwest Grain					
Belle Fourche, SD					
	*** Custom blend fertilizer 27.27-10.91-13.09		01N-03982		
		Commercial Value	118.	116.72	
		Overall Index Value	101.	100	
		Total Nitrogen, %	24.88	27.27	DEFICIENT
		Available Phosphate, %	13.69	10.91	
		Soluble Potash, %	15.33	13.09	
Southwest Grain					
Lemmon, SD					
	*** Custom blend fertilizer 11.63-23.58-11.96-7.9		01N-03545		
		Commercial Value	95.4	94.01	
		Overall Index Value	101.	100	
		Total Nitrogen, %	11.40	11.63	
		Available Phosphate, %	22.57	23.58	DEFICIENT
		Soluble Potash, %	16.10	11.96	
		Sulfur, %	8.45	7.9	
	Custom blend fertilizer 28.25-20.2-0		01N-05631		
		Commercial Value	133.	125.15	
		Overall Index Value	106.	100	
		Total Nitrogen, %	30.62	28.25	
		Available Phosphate, %	20.25	20.2	
		Sulfur, %	6.70	6.27	
Spectrum Group-Div of United Industries					
St. Louis, MO					
	Peters Professional Rose Food		01N-03218		
		Commercial Value	132.	125	
		Overall Index Value	106.	100	
		Total Nitrogen, %	20.22	19	
		Available Phosphate, %	27.52	26	
		Soluble Potash, %	16.30	16	
	Peters Professional All Purpose Plant Food		01N-09518		
		Commercial Value	122.	120	
		Overall Index Value	102.	100	
		Total Nitrogen, %	20.62	20	
		Available Phosphate, %	19.85	20	
		Soluble Potash, %	20.42	20	
	Peters All Purpose Plant Food 20-20-20		01N-10961		
		Commercial Value	124.	120	
		Overall Index Value	103.	100	
		Total Nitrogen, %	20.94	20	
		Available Phosphate, %	20.07	20	
		Soluble Potash, %	21.02	20	
Stateline Farmers					
Milbank, SD					
	Custom blend fertilizer 38.21-4.77-6.37		01N-03871		
		Commercial Value	131.	130.54	
		Overall Index Value	100.	100	
		Total Nitrogen, %	37.50	38.21	
		Available Phosphate, %	5.32	4.77	
		Soluble Potash, %	7.75	6.37	
Terra Nitrogen Corp					
Sioux City, IA					
	Liquid fertilizer 28-0-0		01N-04610		
		Total Nitrogen, %	27.81	28	

Manufacturer Location	Product	Analyte	Found	Claim	
	Liquid fertilizer 28% Nitrogen		01N-04980		
	Total Nitrogen, %		27.34	28	
	Liquid fertilizer 28-0-0		01N-05246		
	Total Nitrogen, %		27.81	28	
	Liquid fertilizer 28-0-0		01N-06557		
	Total Nitrogen, %		27.42	28	
Tessengerlo Kerley Inc Phoenix, AZ	N-Sure 28-0-0		01N-03589		
	Total Nitrogen, %		28.48	28	
Tetra Micronutrients Woodlands, TX	Dry bulk fertilizer zinc		01N-03984		
	Arsenic, ug/g (ppm)		<0.4	0	
	Cadmium, ug/g (ppm)		25.3	0	
	Sulfur, %		17.52	17.5	
	Zinc, %		35.35	35.5	
	Lead, ug/g (ppm)		1.4	0	
	Mercury, ug/g (ppm)		<0.10	0	
	Selenium, ug/g (ppm)		0.433	0	
Tiger Int. Calgary, Alberta, CN	*** Tiger 90		01N-05633		
	Arsenic, ug/g (ppm)		1.1	0	
	Cadmium, ug/g (ppm)		0.1	0	
	Sulfur, %		88.50	90	DEFICIENT
	Lead, ug/g (ppm)		2.1	0	
	Mercury, ug/g (ppm)		<0.10	0	
	Selenium, ug/g (ppm)		<0.045	0	
Toro Company Maple Plain, MN	Toro Nuture Thatch Attack 24-0-0		01N-08715		
	Total Nitrogen, %		25.43	24	
Tru Serv Corp. Maumee, OH	*** Green Thumb Winterizer Fert.		01N-08688		
	Commercial Value		51.5	88	
	Overall Index Value		102.	100	
	Total Nitrogen, %		23.03	22	
	Available Phosphate, %		3.97	4	
	Soluble Potash, %		13.03	14	DEFICIENT
Truserv Corporation Chicago, IL	Green Thumb R Premium All Purpose Flower and Vegetable		01N-03381		
	Chlorine, %		6.40	6.7	
	Commercial Value		35.4	60	
	Overall Index Value		106.	100	
	Total Nitrogen, %		12.70	12	
	Available Phosphate, %		8.48	8	
	Soluble Potash, %		7.89	8	

Manufacturer Location	Product	Analyte	Found	Claim
	Green Thumb Winterizer		01N-08966	
		Commercial Value	87.2	94
		Overall Index Value	99.1	100
		Total Nitrogen, %	21.86	22
		Available Phosphate, %	3.95	4
		Soluble Potash, %	13.69	14
	Green Thumb Seed and Sod Starter		01N-08967	
		Commercial Value	121.	119
		Overall Index Value	101.	100
		Total Nitrogen, %	20.51	20
		Available Phosphate, %	26.93	27
		Soluble Potash, %	5.34	5
Turnis Farm Service Platte, SD				
	Liquid fertilizer 32-0-0		01N-04900	
		Total Nitrogen, %	31.77	32
United Agri Products Franklin, MN				
	Dry bulk fertilizer 11-52-0		01N-04102	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.03	11
		Available Phosphate, %	52.03	52
United Industries Corp. St. Louis, MO				
	Rose Food 18-24-16		01N-02734	
		Commercial Value	131.	118
		Overall Index Value	111.	100
		Total Nitrogen, %	20.53	18
		Available Phosphate, %	26.20	24
		Soluble Potash, %	17.09	16
United Suppliers Inc. Eldora, IA				
	Dry bulk fertilizer 46-0-0		01N-04199	
		Total Nitrogen, %	46.39	46
	Dry bulk fertilizer 0-0-60		01N-04512	
		Soluble Potash, %	59.67	60
	Dry bulk fertilizer 18-46-0		01N-04513	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	17.95	18
		Available Phosphate, %	47.44	46
	Dry bulk fertilizer 46-0-0		01N-04978	
		Total Nitrogen, %	46.42	46
	Dry bulk fertilizer 18-46-0		01N-04979	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.46	18
		Available Phosphate, %	46.86	46

Manufacturer Location	Product	Analyte	Found	Claim	
Vermillion Fertilizer Company					
Vermillion, SD					
	Custom blend fertilizer 34.17-10.51-2.63-2.63		01N-04604		
	Commercial Value		128.	126.16	
	Overall Index Value		102.	100	
	Total Nitrogen, %		34.57	34.17	
	Available Phosphate, %		10.73	10.51	
	Soluble Potash, %		2.92	2.63	
	Sulfur, %		2.60	2.63	
Viborg Coop Elevator					
Viborg, SD					
	*** Custom blend fertilizer 30.74-16.26-7		01N-04596		
	Commercial Value		135.	131.74	
	Overall Index Value		102.	100	
	Total Nitrogen, %		31.17	30.74	
	Available Phosphate, %		17.58	16.26	
	Soluble Potash, %		6.08	7	DEFICIENT
Volga Ag Service					
Volga, SD					
	*** Custom blend fertilizer 9-23-30		01N-03660		
	Commercial Value		91.4	103	
	Overall Index Value		88.7	100	DEFICIENT
	Total Nitrogen, %		6.93	9	DEFICIENT
	Available Phosphate, %		17.14	23	DEFICIENT
	Soluble Potash, %		37.07	30	
Voluntary Purchasing Group					
Borham, TX					
	Fertilome Blooming and Rooting Plant Food		01N-09527		
	Commercial Value		155.	153	
	Overall Index Value		102.	100	
	Total Nitrogen, %		9.57	9	
	Available Phosphate, %		59.29	59	
	Soluble Potash, %		8.11	8	
Voluntary Purchasing Groups					
Bonham, TX					
	Hi-Yield Tomato and Vegetable Food		01N-03565		
	Arsenic, ug/g (ppm)		2.7	0	
	Cadmium, ug/g (ppm)		2.0	0	
	Commercial Value		43.1	38	
	Overall Index Value		113.	100	
	Total Nitrogen, %		4.35	4	
	Available Phosphate, %		11.29	10	
	Soluble Potash, %		7.43	6	
	Lead, ug/g (ppm)		2.3	0	
	Mercury, ug/g (ppm)		<0.10	0	
	Selenium, ug/g (ppm)		0.075	0	
	Hi-Yield Super Phosphate		01N-03566		
	Available Phosphate, %		21.83	18	
	*** Ferti-Lome Acid Loving - Soluble Plant Food		01N-03567		
	Commercial Value		119.	126	
	Overall Index Value		94.1	100	DEFICIENT
	Total Nitrogen, %		26.07	31	DEFICIENT
	Available Phosphate, %		12.08	11	
	Soluble Potash, %		15.85	11	

Manufacturer Location	Product	Analyte	Found	Claim		
	*** Ferti-Lome Tree and Shrub Food		01N-03568			
		Commercial Value	89.9	83		
		Overall Index Value	108.	100		
		Total Nitrogen, %	21.57	19		
		Available Phosphate, %	7.03	8	DEFICIENT	
		Soluble Potash, %	10.87	10		
	*** Ferti-Lome Rose Food 14-12-11		01N-10224			
			Chlorine, %	9.62	4	EXCESSIVE
			Commercial Value	81.6	77	
			Overall Index Value	106.	100	
		Total Nitrogen, %	16.36	14		
		Available Phosphate, %	10.09	12	DEFICIENT	
	Soluble Potash, %	12.25	11			
Warne Chemical						
Rapid City, SD						
	Liquid fertilizer 28-0-0		01N-03591			
	Total Nitrogen, %		29.49	28		
Watertown Coop Elevator						
Watertown, SD						
	*** Custom Blend Fertilizer 14.04-35.88-13.2		01N-03594			
	Commercial Value	98.2	127.08			
	Overall Index Value	99.8	100			
	Total Nitrogen, %	14.14	14.04			
	Available Phosphate, %	34.62	35.88		DEFICIENT	
	Soluble Potash, %	15.19	13.2			
Weatherly Consumer Products						
Lexington, KY						
	Jobe's Fertilizer Spikes		01N-03354			
	Commercial Value	90.6	90			
	Overall Index Value	121.	100			
	Total Nitrogen, %	12.91	10			
	Available Phosphate, %	17.90	15			
	Soluble Potash, %	16.12	15			
Western Consolidated Coop						
Appleton, MN						
	Liquid fertilizer 28-0-0		01N-05645			
	Total Nitrogen, %		27.61	28		
Wil Farm LLC						
Gladstone, MO						
	Dry bulk fertilizer Sulfur 90%		01N-03988			
	Arsenic, ug/g (ppm)	1.0	0			
	Cadmium, ug/g (ppm)	0.3	0			
	Sulfur, %	89.10	90			
	Lead, ug/g (ppm)	1.9	0			
	Mercury, ug/g (ppm)	<0.10	0			
	Selenium, ug/g (ppm)	<0.045	0			

Manufacturer Location	Product	Analyte	Found	Claim	
Winona River & Rail Winona, MN	Dry bulk fertilizer 15-5-5-15		01N-04981		
		Arsenic, ug/g (ppm)	3.6	0	
		Cadmium, ug/g (ppm)	0.3	0	
		Commercial Value	65.0	60	
		Overall Index Value	108.	100	
		Total Nitrogen, %	16.02	15	
		Available Phosphate, %	5.77	5	
		Soluble Potash, %	5.45	5	
		Sulfur, %	17.10	15	
		Lead, ug/g (ppm)	1.8	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.286	0	
		Dry bulk fertilizer 5-5-10-6		01N-04982	
		Commercial Value	45.7	35	
		Overall Index Value	131.	100	
		Total Nitrogen, %	5.95	5	
		Available Phosphate, %	8.69	5	
		Soluble Potash, %	10.50	10	
		Sulfur, %	11.93	6	

SECTION C:

REGULATORY

ANALYTE

TOTALS

Regulatory Analyte Totals

Fertilizers Samples	Units	Received From 1/1/2001 To 12/31/2001
Arsenic	ug/g (ppm)	26
Cadmium	ug/g (ppm)	26
Calcium	%	4
Chlorine	%	17
Commercial Value		242
Iron	%	12
Overall Index Value		241
Magnesium	%	3
Total Nitrogen	%	334
Available Phosphate	%	243
Soluble Potash	%	159
Sulfur	%	42
Zinc	%	2
Lead	ug/g (ppm)	26
Mercury	ug/g (ppm)	26
Total Nitrogen	mg/L (ppm)	1
Phosphorous	mg/L (ppm)	1
Selenium	ug/g (ppm)	26

SECTION D:

FERTILIZER

TONNAGE

SUMMARY

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2001 To December, 2001

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	371.72	2.24	0.00	369.48	369.48	2.24
0	0-0-7	1.00	1.00	0.00	0.00	0.00	1.00
0	0-0-20	4.05	0.00	4.05	0.00	4.05	0.00
0	0-0-22	83.00	0.00	83.00	0.00	83.00	0.00
0	0-0-25	3.13	0.00	0.00	3.13	3.13	0.00
0	0-0-32	280.26	0.00	0.00	280.26	280.26	0.00
0	0-0-60	1,350.30	0.00	1,195.00	155.30	1,350.30	0.00
0	0-0-61	1,346.47	0.00	1,346.47	0.00	1,346.47	0.00
0	0-0-62	1,023.33	0.00	1,023.33	0.00	1,023.33	0.00
0	0-3-0	163.51	6.00	157.51	0.00	163.51	0.00
0	0-45-0	2,757.07	0.00	2,757.07	0.00	2,757.07	0.00
0	0-46-0	237.91	0.00	237.91	0.00	237.91	0.00
0	0-50-32	2.25	2.25	0.00	0.00	2.25	0.00
0	0-52-0	707.85	0.00	0.00	707.85	707.85	0.00
0	0-70-0	892.85	0.00	0.00	892.85	892.85	0.00
0	0.04-0.01-0.	0.06	0.06	0.00	0.00	0.00	0.06
0	1-0.4-0.4	2.40	2.40	0.00	0.00	0.00	2.40
0	1.5-0.38-0.8	241.00	0.00	241.00	0.00	0.00	241.00
0	1.6-0.67-1.4	86.67	0.00	86.67	0.00	0.00	86.67
0	1.8-0.09-1.2	82.20	0.00	82.20	0.00	82.20	0.00
0	2-0.5-0.5	2.40	2.40	0.00	0.00	0.00	2.40
0	2-1-6	14.00	0.00	0.00	14.00	14.00	0.00
0	3-6-0	5.00	5.00	0.00	0.00	0.00	5.00
0	3-9-27	111.00	0.00	0.00	111.00	111.00	0.00
0	3-18-18	351.37	0.00	0.00	351.37	351.37	0.00
0	4-1-2	2.00	0.00	0.00	2.00	2.00	0.00
0	4-3-2	75.83	0.00	75.83	0.00	75.83	0.00
0	4-4-6	3.37	0.00	0.00	3.37	3.37	0.00
0	4-10-10	1,492.04	3.06	0.00	1,488.98	1,492.04	0.00
0	4-12-4	0.07	0.00	0.00	0.07	0.00	0.07

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 From January, 2001 To December, 2001

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	5-10-5	2.00	2.00	0.00	0.00	0.00	2.00
0	5-15-15	14.85	0.00	0.00	14.85	14.85	0.00
0	5-20-4	50.60	0.00	0.00	50.60	50.60	0.00
0	6-2-0	2.55	2.55	0.00	0.00	2.55	0.00
0	6-12-6	0.04	0.04	0.00	0.00	0.00	0.04
0	6-12-12	4.80	4.80	0.00	0.00	4.80	0.00
0	6-24-6	1,483.04	0.00	0.00	1,483.04	1,483.04	0.00
0	6-24-24	10.85	10.85	0.00	0.00	10.85	0.00
0	7-0-0	5.59	0.00	0.00	5.59	5.59	0.00
0	7-7-7	0.06	0.00	0.00	0.06	0.00	0.06
0	7-12-7	29.80	0.00	0.00	29.80	29.80	0.00
0	7-21-1	150.00	0.00	0.00	150.00	150.00	0.00
0	7-21-7	1,771.99	0.00	0.00	1,771.99	1,771.99	0.00
0	7.9-21-7	126.47	0.00	0.00	126.47	126.47	0.00
0	8-0-0	28.52	0.00	0.00	28.52	28.52	0.00
0	8-7-6	0.58	0.00	0.00	0.58	0.00	0.58
0	8-10-20	0.10	0.10	0.00	0.00	0.10	0.00
0	8-18-5	2.30	0.00	2.30	0.00	2.30	0.00
0	8-20-4	389.27	0.00	0.00	389.27	389.27	0.00
0	8-20-5	1,009.81	0.00	113.67	896.14	1,009.81	0.00
0	8-21-4	50.43	0.00	0.00	50.43	50.43	0.00
0	8-21-5	33.26	0.00	0.00	33.26	33.26	0.00
0	9-0-0	58.27	0.00	0.00	58.27	58.27	0.00
0	9-18-9	912.78	0.00	0.00	912.78	912.78	0.00
0	9-22-16	27.70	27.70	0.00	0.00	27.70	0.00
0	9-24-3	1,179.00	0.00	0.00	1,179.00	1,179.00	0.00
0	10-6-4	3.00	3.00	0.00	0.00	0.00	3.00
0	10-10-10	124.00	124.00	0.00	0.00	0.00	124.00
0	10-10-20	1.00	1.00	0.00	0.00	1.00	0.00
0	10-18-18	1.13	1.13	0.00	0.00	0.00	1.13

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2001 To December, 2001

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	10-18-22	1.00	1.00	0.00	0.00	0.00	1.00
0	10-22-22	3.00	3.00	0.00	0.00	0.00	3.00
0	10-25-5	21.00	0.00	21.00	0.00	21.00	0.00
0	10-27-0	101.90	0.00	0.00	101.90	101.90	0.00
0	10-30-0	2,702.89	0.00	0.00	2,702.89	2,702.89	0.00
0	10-50-0	20,841.06	0.00	20,841.06	0.00	20,841.06	0.00
0	10-50-10	62.50	0.00	62.50	0.00	62.50	0.00
0	10-52-10	0.05	0.05	0.00	0.00	0.00	0.05
0	11-0-0	104.59	0.00	14.36	90.23	104.59	0.00
0	11-8-5	1.00	0.00	0.00	1.00	1.00	0.00
0	11-28-18	0.83	0.83	0.00	0.00	0.83	0.00
0	11-52-0	266.18	0.00	266.18	0.00	266.18	0.00
0	11-52-11	16.00	16.00	0.00	0.00	16.00	0.00
0	12-12-12	12.38	12.38	0.00	0.00	2.38	10.00
0	12-22-14	54.00	54.00	0.00	0.00	0.00	54.00
0	12-44-10	7.33	7.33	0.00	0.00	7.33	0.00
0	12-87-8	0.90	0.90	0.00	0.00	0.90	0.00
0	13-0-4	57.63	0.00	57.63	0.00	57.63	0.00
0	13-2-7	15.00	15.00	0.00	0.00	15.00	0.00
0	13-2-13	0.25	0.25	0.00	0.00	0.25	0.00
0	13-13-13	23.03	23.03	0.00	0.00	23.03	0.00
0	14-26-6	5.63	5.63	0.00	0.00	0.00	5.63
0	14-28-10	1.13	1.13	0.00	0.00	0.00	1.13
0	15-0-0	0.17	0.00	0.00	0.17	0.17	0.00
0	15-0-30	0.25	0.25	0.00	0.00	0.25	0.00
0	15-3-5	0.25	0.25	0.00	0.00	0.25	0.00
0	15-5-5	26.50	2.00	24.50	0.00	26.50	0.00
0	15-30-15	15.72	15.72	0.00	0.00	10.06	5.66
0	15-50-0	49.97	0.00	49.97	0.00	49.97	0.00
0	16-2-2	44.61	0.00	0.00	44.61	44.61	0.00

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2001 To December, 2001

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	16-4-8	2.00	2.00	0.00	0.00	2.00	0.00
0	16-20-0	273.54	5.98	267.56	0.00	273.54	0.00
0	16-22-22	0.63	0.63	0.00	0.00	0.63	0.00
0	16.5-28-18	28.26	0.00	28.26	0.00	28.26	0.00
0	17-5-5	0.35	0.35	0.00	0.00	0.35	0.00
0	17-17-0	25.89	0.00	0.00	25.89	25.89	0.00
0	18-3-12	0.33	0.33	0.00	0.00	0.33	0.00
0	18-3-15	25.00	25.00	0.00	0.00	0.00	25.00
0	18-3-18	2.25	2.25	0.00	0.00	0.00	2.25
0	18-3.6-1.8	240.00	0.00	0.00	240.00	240.00	0.00
0	18-4-18	4.00	4.00	0.00	0.00	0.00	4.00
0	18-5-9	13.20	13.20	0.00	0.00	0.00	13.20
0	18-6-12	73.00	73.00	0.00	0.00	0.00	73.00
0	18-6-15	1.73	1.73	0.00	0.00	0.60	1.13
0	18-8-15	128.00	128.00	0.00	0.00	0.00	128.00
0	18-9-18	0.10	0.10	0.00	0.00	0.00	0.10
0	18-18-21	0.05	0.05	0.00	0.00	0.00	0.05
0	18-24-12	2.13	2.13	0.00	0.00	2.13	0.00
0	18-24-16	0.08	0.08	0.00	0.00	0.00	0.08
0	18-36-0	3.72	0.00	3.72	0.00	3.72	0.00
0	19-3-6	3.38	3.38	0.00	0.00	3.38	0.00
0	19-6-12	0.06	0.06	0.00	0.00	0.00	0.06
0	20-0-20	1.13	1.13	0.00	0.00	0.00	1.13
0	20-2-5	2.65	2.65	0.00	0.00	2.65	0.00
0	20-5-15	1.00	1.00	0.00	0.00	1.00	0.00
0	20-7-5	4.08	4.08	0.00	0.00	4.08	0.00
0	20-10-5	48.68	48.68	0.00	0.00	48.68	0.00
0	20-10-10	10.30	10.30	0.00	0.00	10.30	0.00
0	20-14-12	106.20	106.20	0.00	0.00	106.20	0.00
0	20-20-10	0.20	0.20	0.00	0.00	0.20	0.00

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2001 To December, 2001

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	20-27-5	0.23	0.23	0.00	0.00	0.00	0.23
0	21-0-0	228.00	228.00	0.00	0.00	228.00	0.00
0	21-0-21	1.90	1.90	0.00	0.00	1.90	0.00
0	21-2-10	0.75	0.75	0.00	0.00	0.75	0.00
0	21-3-8	0.28	0.28	0.00	0.00	0.28	0.00
0	22-0-0	0.53	0.53	0.00	0.00	0.53	0.00
0	22-0-6	19.95	19.95	0.00	0.00	19.95	0.00
0	22-0-22	7.63	7.63	0.00	0.00	1.13	6.50
0	22-3-3	0.20	0.20	0.00	0.00	0.20	0.00
0	22-3-8	18.63	18.63	0.00	0.00	0.00	18.63
0	22-3-10	5.63	5.63	0.00	0.00	0.00	5.63
0	22-4-14	14.40	14.40	0.00	0.00	0.00	14.40
0	22-5-8	7.99	7.99	0.00	0.00	7.99	0.00
0	22-22-13	0.70	0.70	0.00	0.00	0.70	0.00
0	23-0-10	5.00	5.00	0.00	0.00	0.00	5.00
0	23-2-8	0.61	0.61	0.00	0.00	0.61	0.00
0	23-3-8	124.00	124.00	0.00	0.00	0.00	124.00
0	24-2-3	1.00	1.00	0.00	0.00	0.00	1.00
0	24-3-6	0.20	0.20	0.00	0.00	0.20	0.00
0	24-3-12	2.62	1.79	0.83	0.00	0.00	2.62
0	24-5-10	14.88	14.88	0.00	0.00	14.88	0.00
0	25-0-12	1.18	1.18	0.00	0.00	1.18	0.00
0	25-0-15	0.28	0.00	0.28	0.00	0.28	0.00
0	25-3-3	9.74	9.74	0.00	0.00	5.74	4.00
0	25-3-5	6.00	6.00	0.00	0.00	6.00	0.00
0	25-3-8	18.00	18.00	0.00	0.00	18.00	0.00
0	25-3-10	1.40	1.40	0.00	0.00	1.40	0.00
0	25-4-8	0.60	0.60	0.00	0.00	0.60	0.00
0	25-5-5	2.25	2.25	0.00	0.00	2.25	0.00
0	25-5-12	10.13	10.13	0.00	0.00	0.00	10.13

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2001 To December, 2001

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	25-5-15	61.65	61.65	0.00	0.00	2.52	59.13
0	25-14-20	3.11	0.00	3.11	0.00	3.11	0.00
0	26-0-0	0.05	0.00	0.00	0.05	0.05	0.00
0	26-3-3	2.00	2.00	0.00	0.00	0.00	2.00
0	26-3-4	327.00	327.00	0.00	0.00	0.00	327.00
0	26-3-8	10.00	10.00	0.00	0.00	10.00	0.00
0	26-14-14	26.88	26.88	0.00	0.00	26.88	0.00
0	26-33-6	6.00	0.00	6.00	0.00	6.00	0.00
0	27-0-0	2,059.00	0.00	0.00	2,059.00	2,059.00	0.00
0	28-3-4	219.00	219.00	0.00	0.00	0.00	219.00
0	28-3-10	4.50	4.50	0.00	0.00	0.00	4.50
0	28-5-5	9.75	9.75	0.00	0.00	9.75	0.00
0	28-5-10	4.45	4.45	0.00	0.00	4.45	0.00
0	28-8-10	6.02	6.02	0.00	0.00	6.02	0.00
0	28-28-0	422.23	0.00	422.23	0.00	422.23	0.00
0	28-28-12	0.78	0.00	0.78	0.00	0.78	0.00
0	29-3-3	0.30	0.30	0.00	0.00	0.00	0.30
0	29-3-4	2.16	2.16	0.00	0.00	0.00	2.16
0	29-28-0	53.00	0.00	53.00	0.00	53.00	0.00
0	29.6-0-0	300.85	0.00	300.85	0.00	300.85	0.00
0	30-3-3	0.37	0.37	0.00	0.00	0.00	0.37
0	30-3-4	1.08	1.08	0.00	0.00	1.08	0.00
0	30-3-5	8.00	8.00	0.00	0.00	8.00	0.00
0	30-7-9	34.00	34.00	0.00	0.00	0.00	34.00
0	30-10-10	33.80	33.80	0.00	0.00	1.88	31.92
0	31-0-0	0.34	0.00	0.00	0.34	0.34	0.00
0	31-0-17	6.85	6.85	0.00	0.00	6.85	0.00
0	31-3-7	2.25	2.25	0.00	0.00	0.00	2.25
0	31-3-10	0.05	0.05	0.00	0.00	0.00	0.05
0	31-3-12	1.38	1.38	0.00	0.00	1.38	0.00

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2001 To December, 2001

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	32-7-10	0.12	0.12	0.00	0.00	0.12	0.00
0	34-0-0	79.88	0.00	0.00	79.88	79.88	0.00
0	34-3-7	2.88	2.88	0.00	0.00	2.88	0.00
0	34-7-7	1.47	1.47	0.00	0.00	1.47	0.00
0	35-10-10	1.50	0.00	1.50	0.00	1.50	0.00
0	35-18-0	1,088.38	0.00	1,088.38	0.00	1,088.38	0.00
0	35-18-8	53.32	0.00	53.32	0.00	53.32	0.00
0	36-6-6	0.32	0.32	0.00	0.00	0.00	0.32
0	36-15-0	1.83	1.83	0.00	0.00	1.83	0.00
0	38-0-0	0.38	0.38	0.00	0.00	0.38	0.00
0	38-5-2	1.00	1.00	0.00	0.00	1.00	0.00
0	39-0-0	28.00	22.00	6.00	0.00	28.00	0.00
0	39-10-0	24.98	0.00	0.00	24.98	24.98	0.00
0	41-8-0	134.29	0.00	134.29	0.00	134.29	0.00
2	82-0-0	49,579.96	0.00	602.70	48,977.27	49,579.96	0.00
6	20.5-0-0	28.00	0.00	28.00	0.00	28.00	0.00
6	21-0-0	98.51	0.00	0.00	98.51	98.51	0.00
10	34-0-0	1,808.51	623.04	1,185.46	0.00	1,808.51	0.00
12	20-0-0	12.31	0.00	0.00	12.31	12.31	0.00
13	20.5-0-0	1,109.59	0.00	1,048.04	61.55	1,109.59	0.00
13	21-0-0	514.75	0.00	94.38	420.37	514.75	0.00
20	20-0-0	211.93	3.00	208.93	0.00	208.93	3.00
24	21-0-0	9,506.66	126.00	9,240.44	140.22	9,506.66	0.00
29	33.5-0-0	1,110.51	0.00	1,110.51	0.00	1,110.51	0.00
29	34-0-0	19.20	1.25	17.95	0.00	19.20	0.00
31	12-0-0	4,823.95	0.00	69.00	4,754.95	4,823.95	0.00
31	21-0-0	7.19	0.00	7.19	0.00	7.19	0.00
38	21-0-0	25.82	0.00	25.82	0.00	25.82	0.00
46	34-0-0	248.00	0.00	248.00	0.00	248.00	0.00
54	15-0-0	0.01	0.00	0.00	0.01	0.01	0.00

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2001 To December, 2001

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
58	28-0-0	124,027.59	0.00	158.10	123,869.49	124,027.59	0.00
59	30-0-0	0.05	0.00	0.00	0.05	0.05	0.00
60	32-0-0	42,862.16	0.00	0.00	42,862.16	42,862.16	0.00
66	46-0-0	412,796.88	809.55	411,283.79	703.54	412,796.88	0.00
67	20-0-0	148.56	0.00	0.00	148.56	148.56	0.00
68	38-0-0	1.52	0.25	1.27	0.00	1.52	0.00
201	12-51-0	683.20	0.00	683.20	0.00	683.20	0.00
203	18-46-0	153,136.28	337.63	152,376.65	422.00	153,136.28	0.00
205	0-0-0	41.00	0.00	41.00	0.00	41.00	0.00
206	27-14-0	125.00	0.00	125.00	0.00	125.00	0.00
209	11-52-0	82,954.53	105.39	82,849.14	0.00	82,954.53	0.00
214	3.9-22-0	4.00	0.00	4.00	0.00	4.00	0.00
238	0-18-0	4.00	4.00	0.00	0.00	4.00	0.00
248	0-54-0	52.42	0.00	0.00	52.42	52.42	0.00
249	10-34-0	68,121.71	0.00	0.00	68,121.71	68,121.71	0.00
253	0-35-0	187.10	0.00	0.00	187.10	187.10	0.00
267	0-46-0	874.52	0.00	874.52	0.00	874.52	0.00
423	0-0-64	152.93	0.00	152.93	0.00	152.93	0.00
428	0-0-60	34,725.50	1.58	34,723.93	0.00	34,725.50	0.00
430	0-0-62	3,633.42	0.05	3,091.54	541.83	3,633.42	0.00
443	0-0-22	46.50	0.00	46.50	0.00	46.50	0.00
463	0-0-50	123.92	25.73	98.19	0.00	123.92	0.00
497	0-0-0	502.13	0.00	502.13	0.00	502.13	0.00
498	0-0-0	5.38	5.38	0.00	0.00	5.38	0.00
601	12-0-0	2.00	2.00	0.00	0.00	0.00	2.00
604	5-1-1	2.00	2.00	0.00	0.00	2.00	0.00
613	2-2-1	2,709.79	0.00	2,709.79	0.00	2,709.79	0.00
649	0.5-0.5-0.5	194.20	0.00	194.20	0.00	188.20	6.00
652	1.9-0.2-0.2	1,282.50	0.00	1,282.50	0.00	1,282.50	0.00
667	6-2-1	8.00	8.00	0.00	0.00	8.00	0.00

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SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
673	8.1-5.3-5.9	1,514.71	0.00	1,514.71	0.00	1,514.71	0.00
675	7.8-0-0	3,542.01	0.00	3,542.01	0.00	3,542.01	0.00
706	0-0-0	15.48	12.00	3.48	0.00	15.48	0.00
720	0-0-0	0.58	0.53	0.05	0.00	0.58	0.00
722	0-0-0	0.01	0.00	0.00	0.01	0.01	0.00
726	0-0-0	296.23	1.15	0.00	295.08	296.23	0.00
728	0-0-0	243.00	243.00	0.00	0.00	243.00	0.00
730	0-0-0	0.22	0.00	0.17	0.05	0.22	0.00
732	0-0-0	2,207.91	97.78	2,110.13	0.00	2,207.91	0.00
733	0-0-0	19.54	0.00	19.00	0.54	19.54	0.00
734	0-0-0	110.77	0.00	50.39	60.38	110.77	0.00
742	0-0-0	0.50	0.50	0.00	0.00	0.50	0.00
744	0-0-0	11.03	0.00	11.03	0.00	11.03	0.00
749	0-0-0	2.04	0.00	2.00	0.04	2.04	0.00
754	0-0-0	13.93	5.00	8.43	0.50	13.93	0.00
770	0-0-0	257.96	175.79	82.17	0.00	257.96	0.00
774	0-0-0	629.57	0.00	0.00	629.57	629.57	0.00
782	0-0-0	699.40	535.52	158.65	5.23	699.40	0.00
783	0-0-0	0.50	0.00	0.00	0.50	0.50	0.00
784	0-0-0	11.84	5.64	2.84	3.36	11.84	0.00
797	0-0-0	0.16	0.00	0.00	0.16	0.16	0.00
798	0-0-0	0.03	0.00	0.00	0.03	0.03	0.00
798	13-0-0	7.00	0.00	7.00	0.00	7.00	0.00
907	0-0-0	10,277.80	0.00	10,277.80	0.00	5,542.80	4,735.00
908	0-0-0	138.13	0.00	138.13	0.00	138.13	0.00
978	0-0-0	11,541.02	31.87	3,090.19	8,418.95	11,541.02	0.00
988	0-0-0	1,420.39	0.00	1,420.39	0.00	1,420.39	0.00
990	0-0-0	1,005.88	57.41	944.37	4.10	1,003.07	2.81
998	0-0-0	2,767.95	2.00	2,764.82	1.13	2,767.95	0.00

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2001 To December, 2001

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
					D		M
TOTALS		1,085,385.74	5,314.91	762,345.89	317,724.93	1,078,961.6	6,424.07

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

Totals of grades Less Than 0 tons.

GRAND TOTAL:	1,091,662.56
GRAND TOTAL FOR BAG:	5,314.91
GRAND TOTAL FOR	765,042.32
GRAND TOTAL FOR LIQUID:	321,305.33
GRAND TOTAL FOR FARM:	1,085,230.49
GRAND TOTAL FOR	6,432.07