

SECRETARY OF AGRICULTURE
LARRY GABRIEL

FERTILIZER PROGRAM

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2002 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 1/1/2002 To 12/31/2002

Manufacturer and Location			Sample	Passed	Not
Ag First Farmers Coop	Brookings	SD	4	0	4
Agland Coop	Parkston	SD	2	2	0
Agriliance	Leonard	ND	1	0	1
Agriliance LLC	Watertown	SD	6	6	0
Agriliance, LLC	Kansas City	MO	5	5	0
Agriliance, LLC	St. Paul	MN	48	47	1
Agrium	Beatrice	NE	1	1	0
Agrium Conda Phosphate	Soda Springs	ID	3	3	0
Agrium Inc.	Calgary Alberta	CN	4	4	0
Agrium U.S., Inc	Denver	CO	3	3	0
Agrium US Inc.	Redwater,	CN	1	1	0
AH Hoffman Inc	Landisville	PA	1	1	0
Alaska Fish Fertilizer	Renton	WA	1	1	0
Alpena Coop Service	Alpena	SD	2	0	2
American Plant Food	Galena Park	TX	1	1	0
American Plant Food Co.	Creve Coeur	MO	3	3	0
Amkota Coop	Wessington	SD	1	1	0
Andersons (The) Lawn Fert Div	Maumee	OH	2	1	1
Arlington Farmers Elevator	Arlington	SD	3	3	0
ASG Consultants	Port Moody, BC	CN	1	1	0
Bay Zinc Company Inc.	Moxee	WA	1	1	0
BCA Products	Sleepy Eye	MN	3	2	1
Calcium Products	Ft. Dodge	IA	1	0	1
Calcium Products Inc.	Gilmore City	IA	1	1	0
Cargill Fertilizer Inc	Riverview	FL	4	3	1
Cargill Inc	Minneapolis	MN	2	2	0
Cargill Inc Fert Division	Minneapolis	MN	2	2	0
Cargill Inc.	Pipestone	MN	3	3	0
Castlewood Farmers Elevator	Castlewood	SD	1	1	0
Cenex Harvest States	St. Paul	MN	2	2	0
Cenex/Land O Lakes	St. Paul	MN	1	1	0
CF Industries Inc	Long Grove	IL	17	17	0
CF Industries, Inc.	Lake Zurich	IL	1	1	0
Clark County Farmers Elevator	Clark	SD	1	1	0
Coastal Chem Inc	Chicago	IL	1	1	0
Colton Farmers Elevator	Colton	SD	1	0	1
Conagra Int'l Fert. Co.	Savannah	GA	3	3	0
Cone Ag Service	Pierre	SD	3	3	0
Congra Intrl. Fert.	Catoosa	OK	1	1	0

Manufacturer and Location			Sample	Passed	Not
Country Pride	Menno	SD	1	1	0
Dakota Ag Coop	Miller	SD	1	1	0
Dakota Gasification Company	Beulah	ND	3	3	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	1	0
Dell Rapids Coop Grain	Dell Rapids	SD	1	0	1
Denny's Best Fertilizer	Mitchell	SD	2	0	2
Domestic Fertilizer Inc	Paris	KY	1	1	0
Eastern Farmers Coop	Canton	SD	2	1	1
Eastern Farmers Coop	Garretson	SD	1	1	0
Eastern Farmers Coop Baltic	Baltic	SD	1	0	1
Easy Gardener	Waco	TX	6	4	2
Elkton Farmers Union Coop	Elkton	SD	2	0	2
Estelline Coop Grain	Estelline	SD	1	1	0
Farmers Elevator Co. of Humboldt	Humboldt	SD	1	0	1
Farmers Plant Food Inc	Garretson	SD	3	2	1
Farmers Plant Food Inc	Wolsey	SD	5	5	0
Farmers Union	Wessington	SD	1	1	0
Farmers Union Coop Association	Mitchell	SD	1	1	0
Farmland Industries	Kansas City	MO	1	1	0
Farmland Industries Inc	Kansas City	MO	11	10	1
Free Flow Fertilizer	Maumee	OH	3	1	2
Green-It Turf Products	Longmont	CO	1	1	0
Gro Tec Inc	Madison	GA	1	1	0
Hamlin County Farmers Coop	Hayti	SD	1	1	0
Hartford Farmers Elevator	Hartford	SD	2	2	0
Hazel Farmers Elevator	Hazel	SD	1	1	0
Helana Chemical Co.	Bassett	NE	1	1	0
Howard Johnsons Enterprises Inc	Milwaukee	WI	3	1	2
Humboldt Farmers Elevator	Humboldt	SD	1	1	0
IMC	Sioux City	IA	1	1	0
IMC Esterhazy Canada Limited	Esterhazy, SK	CN	2	2	0
IMC Kalium Canada	Regina,	CA	1	1	0
IMC USA Inc.	Lake Forest	IL	3	2	1
IMC-Agrico Company	Bannockburn	IL	1	1	0
Ironite Products Company	Scottsdale	AZ	1	1	0
J.R. Peters Inc.	Allentown	PA	1	1	0
Jirdon Agri Chemicals Inc	Morrill	NE	1	0	1
Johnsons Ranchers Supply Inc	Wall	SD	1	1	0
JR Simplot	Rock Springs	WY	2	2	0
JRM Chemical	Cleveland	OH	1	0	1
JVN	Mitchell	SD	3	0	3
Kaylor Grain Co.	Kaylor	SD	1	0	1

Manufacturer and Location			Sample	Passed	Not
Knox Fertilizer Co Inc	Knox	IN	1	1	0
Lake Preston Coop	Lake Preston	SD	2	0	2
Lebanon Seaboard Corp	Lebanon	PA	2	2	0
Linear Grain, Inc	Carman,	CA	2	2	0
Madison Farmers Elevator	Ramona	SD	1	0	1
Mettler Fertilizer			1	0	1
Mettler Fertilizer Inc	Menno	SD	2	0	2
Midwest Coop	Martin	SD	2	1	1
Milorganite Division-MMSD	Milwaukee	WI	1	1	0
Miracle Gro Lawn Products	Port	NY	1	1	0
Monsanto Agricultural Company	St. Louis	MO	1	1	0
Na-Churs Alpine Solutions	St. Louis	MO	2	2	0
North Central Farmers Elevator	Ipswich	SD	3	3	0
Northern Plains Coop	Faulkton	SD	1	1	0
Northern Plains Coop	Gettysburg	SD	2	2	0
Northern Plains Coop	Selby	SD	1	0	1
Nulex Inc	Sioux City	IA	1	1	0
Nutra-Flo Chemical Co.	Sioux City	IA	1	0	1
Nutra-Flo Company	Sioux City	IA	2	1	1
Ortho	Columbus	OH	1	1	0
PCS Sales	Saskatoon,	CN	5	5	0
PCS Sales (USA) Inc.	Northbrook	IL	2	2	0
Peavey Red Rock Elevator	St. Paul	MN	1	1	0
PICC	New York	NY	2	2	0
Pine Bend Whse	Rosemount	MN	1	1	0
Pro Ag Supply	Aberdeen	SD	1	1	0
Pursell Industries Inc	Sylacauga	AL	11	8	3
Quali Trade Inc.	Jordan	MN	1	1	0
Quali Trade, Inc.	Shakopee	MN	2	2	0
Ramsdell F & M Ltd	Flandreau	SD	1	0	1
Safer Inc.	Bloomington	MN	1	0	1
Sanborn County Farmers Union	Woonsocket	SD	2	2	0
Saskferco	Belle Plaine,	CN	10	10	0
Saskferco	Regina,		2	2	0
Saskferco Belle Plaine	Saskatchewan	CN	1	1	0
Schultz Company	Bridgeton	MO	11	9	2
Schultz Company	St. Louis	MO	2	2	0
Scotts Company	Marysville	OH	28	26	2
Scotts Miracle-Grow	Port	NY	8	8	0
SD Wheat Growers	Willow Lake	SD	1	1	0
SD Wheatgrowers Assn	Aberdeen	SD	6	5	1
SD Wheatgrowers Assn	Bath	SD	3	1	2
SE Farmers Elevator	Elk Point	SD	4	3	1
Solaris Group	San Ramon	CA	2	2	0

Manufacturer and Location			Sample	Passed	Not
Southwest Grain	Lemmon	SD	1	0	1
Spectrum Group-Div of United	St. Louis	MO	2	2	0
Swiss Farm Products, Inc.	Las Vegas	NV	1	0	1
Terra Nitrogen Corp	Sioux City	IA	9	7	2
Tessengerlo Kerley, Inc.	Billings	MT	1	1	0
Tetra Micronutrients	Woodlands	TX	2	2	0
Tiger Int.	Calgary, Alberta	CN	1	1	0
Tilbury Grain and Trucking Ltd.	Melte Manitoba	CN	2	2	0
Truserv Corporation	Chicago	IL	2	2	0
UAP Fertilizer	Catoosa	OK	1	1	0
UAP Fertilizer	Pekin	IL	2	2	0
UAP Midwest	South Sioux City	NE	1	1	0
UAP Midwest	Wall Lake	IA	1	1	0
UAP Northern Plains	Sauk Centre	MN	1	1	0
United Horticulture Supply	Greeley	CO	1	0	1
United Suppliers Inc.	Eldora	IA	7	7	0
US Borax Inc	Valencia	CA	1	1	0
Volga Ag Service	Volga	SD	1	0	1
Voluntary Purchasing Groups	Bonham	TX	3	3	0
Wal Mart Stores Inc	Bentonville	AR	1	1	0
Watertown Coop Elevator	Watertown	SD	1	1	0
Weatherly Consumer Products	Lexington	KY	1	1	0
West Central Chemical	Willmar	MN	2	2	0
Winona River & Rail	Winona	MN	1	1	0
Totals:			413	347	66

Percent Passed: 84.0%

Percent Not

16.0%

SECTION B:

SAMPLE

REPORT

SUMMARY

Manufacturer Location	Product	Analyte	Found	Claim	
Ag First Farmers Coop					
Brookings, SD					
	*** Custom blend fertilizer 25.65-20.52-10.25		02N-03883		
	Commercial Value		136.	128.24	
	Overall Index Value		106.	100	
	Total Nitrogen, %		28.21	25.65	
	Available Phosphate, %		21.97	20.52	
	Soluble Potash, %		7.09	10.25	DEFICIENT
	*** Custom blend fertilizer 28.2-15.04-11.28		02N-03886		
	Commercial Value		85.6	125.96	
	Overall Index Value		108.	100	
	Total Nitrogen, %		33.38	28.2	
	Available Phosphate, %		14.45	15.04	
	Soluble Potash, %		6.47	11.28	DEFICIENT
	*** Custom blend fertilizer 29.67-11.87-11.87		02N-03887		
	Commercial Value		129.	124.62	
	Overall Index Value		104.	100	
	Total Nitrogen, %		32.46	29.67	
	Available Phosphate, %		10.96	11.87	DEFICIENT
	Soluble Potash, %		9.81	11.87	DEFICIENT
	*** Custom blend fertilizer 31.54-10.52-10.51		02N-03888		
	Commercial Value		133.	126.17	
	Overall Index Value		106.	100	
	Total Nitrogen, %		34.24	31.54	
	Available Phosphate, %		11.61	10.52	
	Soluble Potash, %		7.48	10.51	DEFICIENT
Agland Coop					
Parkston, SD					
	Custom blend fertilizer 33.31-13.93-5.50		02N-05356		
	Commercial Value		138.	133.29	
	Overall Index Value		104.	100	
	Total Nitrogen, %		34.21	33.31	
	Available Phosphate, %		15.27	13.93	
	Soluble Potash, %		5.11	5.5	
	Dry bulk fertilizer 46-0-0		02N-05357		
	Total Nitrogen, %		46.62	46	
Agriliance					
Leonard, ND					
	*** Liquid fertilizer 10-34-0		02N-05392		
	Commercial Value		80.4	98	
	Overall Index Value		96.8	100	DEFICIENT
	Total Nitrogen, %		9.63	10	
	Available Phosphate, %		32.99	34	DEFICIENT
Agriliance LLC					
Watertown, SD					
	Dry bulk fertilizer 18-46-0		02N-04251		
	Commercial Value		147.	146	
	Overall Index Value		100.	100	
	Total Nitrogen, %		17.76	18	
	Available Phosphate, %		46.64	46	
	Dry bulk fertilizer 46-0-0		02N-04252		
	Total Nitrogen, %		46.71	46	

Manufacturer Location	Product	Analyte	Found	Claim	
Agriliance, LLC Kansas City, MO	Dry bulk fertilizer 18-46-0		02N-04254		
		Commercial Value	147.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	17.87	18	
		Available Phosphate, %	46.50	46	
		Dry bulk fertilizer 46-0-0		02N-04255	
		Total Nitrogen, %	46.62	46	
		Dry bulk fertilizer 18-46-0		02N-04527	
		Commercial Value	147.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	17.66	18	
		Available Phosphate, %	46.82	46	
		Dry bulk fertilizer 46-0-0		02N-04528	
		Total Nitrogen, %	46.40	46	
	Agriliance, LLC St. Paul, MN	Dry bulk fertilizer 18-46-0		02N-03851	
			Commercial Value	147.	146
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.86	18	
		Available Phosphate, %	46.80	46	
		Dry bulk fertilizer 18-46-0		02N-03945	
		Commercial Value	145.	146	
		Overall Index Value	99.5	100	
		Total Nitrogen, %	17.69	18	
		Available Phosphate, %	46.11	46	
		Dry bulk fertilizer 18-46-0		02N-04032	
		Commercial Value	149.	146	
		Overall Index Value	102.	100	
		Total Nitrogen, %	18.18	18	
		Available Phosphate, %	47.02	46	
		Dry bulk fertilizer 46-0-0		02N-04033	
	Total Nitrogen, %	46.79	46		
	Dry bulk fertilizer DAP 18-46-0		02N-05485		
	Commercial Value	148.	146		
	Overall Index Value	101.	100		
	Total Nitrogen, %	17.67	18		
	Available Phosphate, %	47.30	46		
Agriliance, LLC St. Paul, MN	Dry bulk fertilizer White 46-0-0		02N-03346		
		Total Nitrogen, %	46.74	46	
	Dry bulk fertilizer 11-52-0 Brown		02N-03347		
		Commercial Value	139.	137	
		Overall Index Value	102.	100	
		Total Nitrogen, %	11.03	11	
		Available Phosphate, %	53.06	52	
	Dry bulk fertilizer 0-0-60 Red		02N-03348		
		Soluble Potash, %	59.25	60	
	Dry bulk fertilizer 46-0-0 3 bins full		02N-03352		
	Total Nitrogen, %	46.81	46		
Dry bulk fertilizer 18-46-0 DAP Full		02N-03353			
	Commercial Value	146.	146		
	Overall Index Value	100.	100		
	Total Nitrogen, %	17.72	18		
	Available Phosphate, %	46.48	46		

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 11-52-0 MAP 1/2 full		02N-03354	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	10.98	11
		Available Phosphate, %	52.94	52
	Dry bulk fertilizer 46-0-0		02N-03721	
		Total Nitrogen, %	46.75	46
	Dry bulk fertilizer 11-52-0		02N-03736	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	10.98	11
		Available Phosphate, %	52.42	52
	Dry bulk fertilizer 46-0-0		02N-03884	
		Total Nitrogen, %	46.66	46
	Dry bulk fertilizer 18-46-0		02N-03885	
		Commercial Value	146.	146
		Overall Index Value	99.9	100
		Total Nitrogen, %	17.68	18
		Available Phosphate, %	46.39	46
	Dry bulk fertilizer 18-46-0		02N-04248	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.93	18
		Available Phosphate, %	47.08	46
	Dry bulk fertilizer 46-0-0		02N-04249	
		Total Nitrogen, %	46.70	46
	Dry bulk fertilizer 46-0-0		02N-04264	
		Total Nitrogen, %	46.65	46
	Dry bulk fertilizer 18-46-0		02N-04265	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.94	18
		Available Phosphate, %	46.68	46
	Dry bulk fertilizer 0-0-60		02N-04333	
		Soluble Potash, %	59.39	60
	Dry bulk fertilizer DAP 18-46-0		02N-04334	
		Commercial Value	145.	146
		Overall Index Value	99.5	100
		Total Nitrogen, %	17.85	18
		Available Phosphate, %	45.86	46
	Dry bulk fertilizer Urea 46-0-0		02N-04335	
		Total Nitrogen, %	46.52	46
	Dry bulk fertilizer MAP 10-50-0		02N-04566	
		Arsenic, ug/g (ppm)	9.0	0
		Cadmium, ug/g (ppm)	2.9	0
		Commercial Value	134.	130
		Overall Index Value	103.	100
		Total Nitrogen, %	10.88	10
		Available Phosphate, %	50.79	50
		Lead, ug/g (ppm)	2.6	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.182	0

Manufacturer Location	Product	Analyte	Found	Claim	
	Zinc Sulfate 35.5%		02N-04625		
		Arsenic, ug/g (ppm)	<0.4	0	
		Cadmium, ug/g (ppm)	<0.1	0	
		Sulfur, %	18.34	17.5	
		Zinc, %	34.56	35.5	
		Lead, ug/g (ppm)	0.3	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	<0.045	0	
	** Liquid fertilizer 28-0-0		02N-04943		
		Total Nitrogen, %	26.89	28	DEFICIENT
	Dry bulk fertilizer 0-45-0		02N-04945		
		Arsenic, ug/g (ppm)	9.7	0	
		Cadmium, ug/g (ppm)	4.3	0	
		Available Phosphate, %	47.52	45	
		Lead, ug/g (ppm)	5.9	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.703	0	
	Dry bulk fertilizer 18-46-0		02N-04946		
		Commercial Value	146.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	17.77	18	
		Available Phosphate, %	46.55	46	
	Dry bulk fertilizer 46-0-0		02N-05041		
		Total Nitrogen, %	46.52	46	
	Dry bulk fertilizer 18-46-0		02N-05042		
		Commercial Value	147.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.67	18	
		Available Phosphate, %	46.89	46	
	Liquid fertilizer 10-34-0		02N-05048		
		Commercial Value	98.5	98	
		Overall Index Value	101.	100	
		Total Nitrogen, %	9.95	10	
		Available Phosphate, %	34.34	34	
	Liquid fertilizer 10-34-0		02N-05363		
		Commercial Value	97.2	98	
		Overall Index Value	99.2	100	
		Total Nitrogen, %	9.91	10	
		Available Phosphate, %	33.72	34	
	Liquid fertilizer 28-0-0		02N-05364		
		Total Nitrogen, %	28.32	28	
	Dry bulk fertilizer 11-52-0		02N-05368		
		Commercial Value	139.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	11.44	11	
		Available Phosphate, %	52.34	52	
	Dry bulk fertilizer 18-46-0		02N-05389		
		Commercial Value	147.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.79	18	
		Available Phosphate, %	46.81	46	
	Dry bulk fertilizer 18-46-0		02N-05761		
		Commercial Value	146.		
		Overall Index Value	99.9		
		Total Nitrogen, %	17.65	18	
		Available Phosphate, %	46.44	46	

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 18-46-0		02N-05833	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.64	18
		Available Phosphate, %	46.87	46
	Dry bulk fertilizer 46-0-0		02N-05834	
		Total Nitrogen, %	46.59	46
	28-0-0 Liquid Fertilizer		02N-06467	
		Total Nitrogen, %	27.49	28
	32-0-0		02N-07206	
		Total Nitrogen, %	32.25	32
	46-0-0		02N-07210	
		Total Nitrogen, %	46.31	46
	Dry bulk fertilizer 11-52-0		02N-07245	
		Commercial Value	143.	137
		Overall Index Value	104.	100
		Total Nitrogen, %	12.15	11
		Available Phosphate, %	53.34	52
	46-0-0		02N-07329	
		Total Nitrogen, %	46.46	46
	28-0-0		02N-07396	
		Total Nitrogen, %	27.34	28
	N-Pa-K AMS Liquid		02N-12520	
		Total Nitrogen, %	8.04	8
		Sulfur, %	9.42	9
	46-0-0		02N-14972	
		Total Nitrogen, %	46.69	46
	18-46-0		02N-14973	
		Commercial Value	146.	
		Overall Index Value	100.	
		Total Nitrogen, %	17.73	18
		Available Phosphate, %	46.63	46
	18-46-0		02N-14975	
		Commercial Value	144.	146
		Overall Index Value	99.0	100
		Total Nitrogen, %	17.78	18
		Available Phosphate, %	45.57	46
	18-46-0		02N-14980	
		Commercial Value	147.	
		Overall Index Value	101.	
		Total Nitrogen, %	17.86	18
		Available Phosphate, %	46.74	46
	46-0-0		02N-15309	
		Total Nitrogen, %	46.67	46
	Dry Fertilizer 18-46-0		02N-15310	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.83	18
		Available Phosphate, %	46.88	46
	Bulk Dry Fertilizer 11-52-0		02N-16187	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	10.96	11
		Available Phosphate, %	52.12	52
	Bulk Dry Fertilizer 46-0-0		02N-16188	
		Total Nitrogen, %	46.61	46

Manufacturer Location	Product	Analyte	Found	Claim
	Bulk Dry Fertilizer 18-46-0		02N-16197	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.67	18
		Available Phosphate, %	47.06	46
Agrium Beatrice, NE				
	Dry bulk fertilizer 34-0-0 bin 3		02N-03777	
		Total Nitrogen, %	35.02	34
Agrium Conda Phosphate Operations Soda Springs, ID				
	Dry bulk fertilizer 11-52-0 bin 5		02N-03778	
		Arsenic, ug/g (ppm)	16.2	0
		Cadmium, ug/g (ppm)	211.	0
		Commercial Value	139.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	10.90	11
		Available Phosphate, %	53.36	52
		Lead, ug/g (ppm)	4.4	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.085	0
	Dry bulk fertilizer Bin 4 16-20-0-14S		02N-04980	
		Arsenic, ug/g (ppm)	11.4	0
		Cadmium, ug/g (ppm)	122.	0
		Commercial Value	90.9	88
		Overall Index Value	103.	100
		Total Nitrogen, %	15.87	16
		Available Phosphate, %	21.65	20
		Sulfur, %	14.32	14
		Lead, ug/g (ppm)	2.0	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.718	0
	Dry bulk fertilizer Bin 2 11-52-0		02N-04981	
		Arsenic, ug/g (ppm)	10.8	0
		Cadmium, ug/g (ppm)	80.0	0
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.07	11
		Available Phosphate, %	52.60	52
		Lead, ug/g (ppm)	2.6	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.534	0
Agrium Inc. Calgary Alberta, CN				
	Dry bulk fertilizer 0-0-60 Potash		02N-04258	
		Soluble Potash, %	59.47	60
	Dry bulk fertilizer Bin 1 46-0-0		02N-04986	
		Total Nitrogen, %	46.70	46
	Dry bulk fertilizer Bin 3 46-0-0		02N-04987	
		Total Nitrogen, %	46.68	46
	Dry bulk fertilizer 11-52-0		02N-16345	
		Commercial Value	140.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.24	11
		Available Phosphate, %	53.34	52

Manufacturer Location	Product	Analyte	Found	Claim	
Agrium U.S., Inc Denver, CO					
	Dry bulk fertilizer 46-0-0		02N-05371		
		Total Nitrogen, %	46.93	46	
	Dry bulk fertilizer 11-52-0		02N-12522		
		Arsenic, ug/g (ppm)	7.0	0	
		Cadmium, ug/g (ppm)	4.2	0	
		Commercial Value	142.	137	
		Overall Index Value	103.	100	
		Total Nitrogen, %	11.51	11	
		Available Phosphate, %	53.60	52	
		Lead, ug/g (ppm)	<0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.162	0	
	Dry bulk fertilizer 46-0-0		02N-16348		
		Total Nitrogen, %	46.64	46	
Agrium US Inc. Redwater, Alberta, CN					
	11-52-0		02N-15299		
		Commercial Value	138.		
		Overall Index Value	101.		
		Total Nitrogen, %	10.78	11	
		Available Phosphate, %	52.98	52	
AH Hoffman Inc Landisville, PA					
	Country Cottage Perennial Flower Food 9-12-18		02N-12219		
		Commercial Value	75.2	69	
		Overall Index Value	109.	100	
		Total Nitrogen, %	10.10	9	
		Available Phosphate, %	13.02	12	
		Soluble Potash, %	18.87	18	
		Sulfur, %	4.63	2	
Alaska Fish Fertilizer Renton, WA					
	Alaska Fish Fertilizer 5-1-1		02N-04045		
		Chlorine, %	2.82	4	
		Commercial Value	20.5	18	
		Overall Index Value	114.	100	
		Total Nitrogen, %	5.14	5	
		Available Phosphate, %	2.01	1	
		Soluble Potash, %	1.22	1	
Alpena Coop Service Alpena, SD					
	*** Custom blend fertilizer 31.6-20-0		02N-04643		
		Commercial Value	137.	134.8	
		Overall Index Value	102.	100	
		Total Nitrogen, %	29.90	31.6	DEFICIENT
		Available Phosphate, %	23.68	20	
	*** Custom Blend fertilizer 31.6-20-0		02N-04644		
		Commercial Value	136.	134.8	
		Overall Index Value	101.	100	
		Total Nitrogen, %	26.83	31.6	DEFICIENT
		Available Phosphate, %	27.85	20	

Manufacturer Location	Product	Analyte	Found	Claim	
American Plant Food					
Galena Park, TX					
	Dry bulk fertilizer 21-0-0-24S		02N-05035		
	Total Nitrogen, %		21.21	21	
	Sulfur, %		24.21	24	
American Plant Food Co.					
Creve Coeur, MO					
	Sams Choice Deep Feeding All Purpose Plant Food 15-30-15		02N-02222		
	Commercial Value		134.	120	
	Overall Index Value		112.	100	
	Total Nitrogen, %		17.16	15	
	Available Phosphate, %		33.02	30	
	Soluble Potash, %		16.51	15	
	Sam's Choice Deep Feeding 30-10-10		02N-02743		
	Commercial Value		131.	120	
	Overall Index Value		109.	100	
	Total Nitrogen, %		32.24	30	
	Available Phosphate, %		11.58	10	
	Soluble Potash, %		10.85	10	
	Deep Feeding All Purpose Plant Food 15-30-15		02N-05207		
	Commercial Value		130.	120	
	Overall Index Value		108.	100	
	Total Nitrogen, %		17.16	15	
	Available Phosphate, %		31.07	30	
	Soluble Potash, %		16.49	15	
Amkota Coop					
Wessington Springs, SD					
	Custom blend fertilizer 39.96-8.39-0		02N-04568		
	Commercial Value		138.	136.66	
	Overall Index Value		101.	100	
	Total Nitrogen, %		39.53	39.96	
	Available Phosphate, %		9.72	8.39	
Andersons (The) Lawn Fert Div					
Maumee, OH					
	Sam's Choice Weed and Feed 28-3-3		02N-02747		
	Chlorine, %		2.51	2.5	
	Commercial Value		98.5	93	
	Overall Index Value		106.	100	
	Total Nitrogen, %		29.49	28	
	Available Phosphate, %		3.36	3	
	Soluble Potash, %		3.28	3	
	Sulfur, %		4.49	3.6	
	** Sams Choice Lawn Food 29-3-4		02N-02749		
	Chlorine, %		3.78	3.4	EXCESSIVE
	Commercial Value		103.	97	
	Iron, %		1.42	2	DEFICIENT
	Overall Index Value		106.	100	
	Total Nitrogen, %		30.30	29	
	Available Phosphate, %		3.39	3	
	Soluble Potash, %		4.98	4	
	Sulfur, %		3.80	3.8	

Manufacturer Location	Product	Analyte	Found	Claim	
Arlington Farmers Elevator Arlington, SD					
	Custom blend fertilizer 35-18-0		02N-04616		
	Commercial Value		143.	141.14	
	Overall Index Value		101.	100	
	Total Nitrogen, %		35.64	35.04	
	Available Phosphate, %		17.92	18.01	
	Dry bulk fertilizer 18-46-0		02N-04618		
	Commercial Value		147.	146	
	Overall Index Value		101.	100	
	Total Nitrogen, %		17.79	18	
	Available Phosphate, %		46.79	46	
	Custom blend fertilizer 35-18-0		02N-04620		
	Commercial Value		144.	141.13	
	Overall Index Value		102.	100	
	Total Nitrogen, %		35.77	35.03	
	Available Phosphate, %		18.24	18.02	
ASG Consultants Port Moody, BC, CN					
	Repellex Ferti. Tablets		02N-05157		
	Arsenic, ug/g (ppm)		<0.4	0	
	Cadmium, ug/g (ppm)		0.2	0	
	Commercial Value		50.9	48	
	Overall Index Value		106.	100	
	Total Nitrogen, %		13.44	14	
	Available Phosphate, %		3.62	2	
	Soluble Potash, %		3.37	2	
	Lead, ug/g (ppm)		0.3	0	
	Mercury, ug/g (ppm)		<0.10	0	
	Selenium, ug/g (ppm)		0.170	0	
Bay Zinc Company Inc. Moxee, WA					
	Zinc with sulfur		02N-01234		
	Sulfur, %		18.08	17.2	
	Zinc, %		34.66	35.5	
BCA Products Sleepy Eye, MN					
	BCA Garden Fertilizer 10-10-10		02N-05132		
	Commercial Value		59.8	60	
	Overall Index Value		99.7	100	
	Total Nitrogen, %		9.81	10	
	Available Phosphate, %		10.06	10	
	Soluble Potash, %		10.25	10	
	Dry bulk fertilizer 27-3-3		02N-05274		
	Commercial Value		92.4	90	
	Overall Index Value		103.	100	
	Total Nitrogen, %		27.26	27	
	Available Phosphate, %		3.49	3	
	Soluble Potash, %		3.69	3	
	** Dry bulk fertilizer 18-24-6		02N-05277		
	Commercial Value		76.5	108	
	Overall Index Value		100.	100	
	Total Nitrogen, %		18.71	18	
	Available Phosphate, %		22.52	24	
	Soluble Potash, %		7.00	6	
					DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim	
Calcium Products					
Ft. Dodge, IA					
	*** SUPERCAL SO4 pellitized gypsum		02N-04261		
		Arsenic, ug/g (ppm)	0.5	0	
		Cadmium, ug/g (ppm)	0.3	0	
		Calcium, %	20.27	22	DEFICIENT
		Sulfur, %	17.84	17.5	
		Lead, ug/g (ppm)	1.1	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.126	0	
Calcium Products Inc.					
Gilmore City, IA					
	SuperCal 98G		02N-05028		
		Calcium, %	34.25	35	
		Magnesium, %	0.20	0-5	
		Oven Moisture, %	0.28	0-1	
Cargill Fertilizer Inc					
Riverview, FL					
	Dry bulk fertilizer 10-50-0		02N-00221		
		Commercial Value	138.	130	
		Overall Index Value	106.	100	
		Total Nitrogen, %	10.93	10	
		Available Phosphate, %	52.54	50	
	Dry bulk fertilizer 46-0-0		02N-00222		
		Total Nitrogen, %	46.44	46	
	*** Dry bulk fertilizer 18-46-0		02N-02920		
		Commercial Value	139.	146	
		Overall Index Value	95.1	100	DEFICIENT
		Total Nitrogen, %	12.52	18	DEFICIENT
		Available Phosphate, %	50.73	46	
	Dry bulk fertilizer 11-52-0		02N-05372		
		Arsenic, ug/g (ppm)	7.2	0	
		Cadmium, ug/g (ppm)	4.7	0	
		Commercial Value	139.	137	
		Overall Index Value	102.	100	
		Total Nitrogen, %	11.09	11	
		Available Phosphate, %	52.96	52	
		Lead, ug/g (ppm)	0.6	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.166	0	
Cargill Inc					
Minneapolis, MN					
	Dry bulk fertilizer DAP 18-46-0		02N-03845		
		Commercial Value	150.	146	
		Overall Index Value	102.	100	
		Total Nitrogen, %	18.23	18	
		Available Phosphate, %	47.46	46	
	Dry bulk fertilizer 46-0-0		02N-05201		
		Total Nitrogen, %	46.56	46	
Cargill Inc Fert Division					
Minneapolis, MN					
	Dry bulk fertilizer 18-46-0		02N-05038		
		Commercial Value	148.	146	
		Overall Index Value	102.	100	
		Total Nitrogen, %	17.97	18	
		Available Phosphate, %	47.29	46	

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer 11-52-0		02N-05200	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.01	11
		Available Phosphate, %	52.81	52
Cargill Inc. Pipestone, MN				
	Dry bulk fertilizer 18-46-0		02N-05482	
		Commercial Value	148.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.07	18
		Available Phosphate, %	47.05	46
	Bulk Dry Fertilizer 18-46-0		02N-16194	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.05	18
		Available Phosphate, %	47.52	46
	Dry bulk fertilizer 18-46-0		02N-16349	
		Commercial Value	150.	146
		Overall Index Value	103.	100
		Total Nitrogen, %	18.23	18
		Available Phosphate, %	47.62	46
Castlewood Farmers Elevator Castlewood, SD				
	Custom blend fertilizer 37.84-8.22-4.11		02N-04250	
		Commercial Value	137.	134.07
		Overall Index Value	102.	100
		Total Nitrogen, %	38.21	37.84
		Available Phosphate, %	8.97	8.22
		Soluble Potash, %	4.42	4.11
Cenex Harvest States St. Paul, MN				
	Dry bulk fertilizer DAP 18-46-0		02N-01232	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.49	18
		Available Phosphate, %	46.96	46
	Dry bulk fertilizer Urea 46-0-0		02N-01233	
		Total Nitrogen, %	46.68	46
Cenex/Land O Lakes St. Paul, MN				
	Dry bulk fertilizer MAP 10-50-0		02N-04642	
		Arsenic, ug/g (ppm)	8.9	0
		Cadmium, ug/g (ppm)	2.6	0
		Commercial Value	133.	130
		Overall Index Value	103.	100
		Total Nitrogen, %	10.66	10
		Available Phosphate, %	50.74	50
		Lead, ug/g (ppm)	2.5	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.244	0
CF Industries Inc Long Grove, IL				
	Dry bulk fertilizer 46-0-0		02N-03943	
		Total Nitrogen, %	46.67	46

Manufacturer Location	Product	Analyte	Found	Claim
	Dry bulk fertilizer Urea 46-0-0		02N-03959	
		Total Nitrogen, %	46.80	46
	Dry bulk fertilizer MAP 11-52-0		02N-03960	
		Arsenic, ug/g (ppm)	22.5	0
		Cadmium, ug/g (ppm)	4.2	0
		Commercial Value	140.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.04	11
		Available Phosphate, %	53.26	52
		Lead, ug/g (ppm)	3.6	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.159	0
	Dry bulk fertilizer Urea 46-0-0		02N-04567	
		Total Nitrogen, %	46.57	46
	Dry bulk fertilizer 46-0-0		02N-04617	
		Total Nitrogen, %	46.62	46
	Dry bulk fertilizer 11-52-0		02N-04619	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.08	11
		Available Phosphate, %	52.54	52
	Dry bulk fertilizer 46-0-0		02N-04626	
		Total Nitrogen, %	46.62	46
	Dry bulk fertilizer 18-46-0		02N-04627	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.65	18
		Available Phosphate, %	46.63	46
	Dry bulk fertilizer 18-46-0 DAP		02N-04824	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.64	18
		Available Phosphate, %	47.14	46
	Dry bulk fertilizer 11-52-0 MAP		02N-04825	
		Commercial Value	138.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	10.71	11
		Available Phosphate, %	52.70	52
	Dry bulk fertilizer Potash 0-0-60		02N-04826	
		Soluble Potash, %	58.92	60
	Dry bulk fertilizer 46-0-0		02N-04827	
		Total Nitrogen, %	46.73	46
	Liquid fertilizer 10-34-0		02N-04833	
		Commercial Value	98.7	98
		Overall Index Value	101.	100
		Total Nitrogen, %	9.92	10
		Available Phosphate, %	34.45	34
	Dry bulk fertilizer Urea 46-0-0		02N-04837	
		Total Nitrogen, %	46.58	46
	Dry bulk fertilizer DAP 18-46-0		02N-04838	
		Commercial Value	146.	146
		Overall Index Value	99.9	100
		Total Nitrogen, %	17.70	18
		Available Phosphate, %	46.41	46

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry bulk fertilizer MAP 11-52-0		02N-04844		
		Arsenic, ug/g (ppm)	16.7	0	
		Cadmium, ug/g (ppm)	3.0	0	
		Commercial Value	138.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	10.96	11	
		Available Phosphate, %	52.46	52	
		Lead, ug/g (ppm)	1.7	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.169	0	
	Dry bulk fertilizer DAP 18-46-0		02N-05046		
		Commercial Value	148.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	18.02	18	
		Available Phosphate, %	47.04	46	
CF Industries, Inc.					
Lake Zurich, IL					
	18-46-0		02N-06652		
		Commercial Value	147.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.62	18	
		Available Phosphate, %	47.11	46	
Clark County Farmers Elevator					
Clark, SD					
	Custom blend fertilizer 35.08-17.94-0		02N-04529		
		Commercial Value	145.	141.12	
		Overall Index Value	103.	100	
		Total Nitrogen, %	34.43	35.08	
		Available Phosphate, %	20.79	17.94	
Coastal Chem Inc					
Chicago, IL					
	Liquid fertilizer 32-0-0		02N-05820		
		Total Nitrogen, %	32.35	32	
Colton Farmers Elevator					
Colton, SD					
	** Dry bulk fertilizer 29-11.26-11.3 Custom Blend		02N-16347		
		Commercial Value	123.	120.82	
		Overall Index Value	101.	100	
		Total Nitrogen, %	29.79	29	
		Available Phosphate, %	11.01	11.26	
		Soluble Potash, %	11.16	11.3	
		Sulfur, %	2.38	1.98	
		Zinc, %	0.52	1.2	DEFICIENT
Conagra Int'l Fert. Co.					
Savannah, GA					
	Dry bulk fertilizer 12-52-0		02N-05039		
		Arsenic, ug/g (ppm)	7.1	0	
		Cadmium, ug/g (ppm)	0.2	0	
		Commercial Value	144.	140	
		Overall Index Value	103.	100	
		Total Nitrogen, %	12.12	12	
		Available Phosphate, %	53.65	52	
		Lead, ug/g (ppm)	3.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.075	0	

Manufacturer Location	Product	Analyte	Found	Claim	
Dakota Gasification Company					
Beulah, ND					
	Dry bulk fertilizer 21-0-0-24		02N-02921		
		Arsenic, ug/g (ppm)	1.4	0	
		Cadmium, ug/g (ppm)	0.5	0	
		Total Nitrogen, %	21.15	21	
		Sulfur, %	24.85	24	
		Lead, ug/g (ppm)	5.1	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	3.30	0	
	Dry bulk fertilizer 21-0-0-24S		02N-03918		
		Total Nitrogen, %	21.20	21	
		Sulfur, %	24.49	24	
	Dry bulk fertilizer 21-0-0-24S		02N-03944		
		Total Nitrogen, %	21.54	21	
		Sulfur, %	24.51	24	
Dakota Mill & Grain					
Belle Fourche, SD					
	Dry bulk fertilizer 10-50-0		02N-03241		
		Commercial Value	135.	130	
		Overall Index Value	104.	100	
		Total Nitrogen, %	10.61	10	
		Available Phosphate, %	51.42	50	
Dakota Plains Ag Ctr					
Parkston, SD					
	Dry bulk fertilizer 11-52-0		02N-05354		
		Commercial Value	139.	137	
		Overall Index Value	102.	100	
		Total Nitrogen, %	10.86	11	
		Available Phosphate, %	53.27	52	
	11-52-0		02N-05358		
		Commercial Value	141.	138.5	
		Overall Index Value	103.	100	
		Total Nitrogen, %	11.54	11	
		Available Phosphate, %	53.27	52	
	Dry bulk fertilizer 18-46-0		02N-05540		
		Commercial Value	147.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.92	18	
		Available Phosphate, %	46.75	46	
	Dry bulk fertilizer 46-0-0		02N-05541		
		Total Nitrogen, %	46.55	46	
DeBoer Ag Service					
Oral, SD					
	Liquid fertilizer 28-0-0		02N-04038		
		Total Nitrogen, %	28.49	28	
Dell Rapids Coop Grain					
Dell Rapids, SD					
	*** Custom Blend Fertilizer 13.4-34.3-15.2		02N-16193		
		Commercial Value	130.	124	
		Overall Index Value	105.	100	
		Total Nitrogen, %	14.34	13.4	
		Available Phosphate, %	36.74	34.3	
		Soluble Potash, %	13.32	15.2	

DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim	
Denny's Best Fertilizer Mitchell, SD					
	*** Denny's Best Fertilizer 13-10-5		02N-05155		
		Arsenic, ug/g (ppm)	1.8	0	
		Cadmium, ug/g (ppm)	1.2	0	
		Calcium, %	3.57	4	DEFICIENT
		Commercial Value	66.7	64	
		Overall Index Value	104.	100	
		Total Nitrogen, %	13.43	13	
		Available Phosphate, %	10.59	10	
		Soluble Potash, %	5.21	5	
		Sulfur, %	17.97	17	
		Lead, ug/g (ppm)	0.3	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.293	0	
	*** Dennys Best Fertilizer		02N-07337		
		Calcium, %	4.67	4	
		Commercial Value	49.0	64	
		Overall Index Value	93.4	100	DEFICIENT
		Total Nitrogen, %	11.82	13	DEFICIENT
		Available Phosphate, %	8.66	10	DEFICIENT
		Soluble Potash, %	6.03	5	
		Sulfur, %	18.62	17	
Domestic Fertilizer Inc Paris, KY					
	Evergreen Tree Stakes		02N-04984		
		Commercial Value	74.9	65	
		Overall Index Value	115.	100	
		Total Nitrogen, %	16.28	15	
		Available Phosphate, %	8.22	7	
		Soluble Potash, %	9.63	6	
Eastern Farmers Coop Canton, SD					
	*** Liquid fertilizer 10-30-0		02N-05029		
		Commercial Value	70.7	90	
		Overall Index Value	95.5	100	DEFICIENT
		Total Nitrogen, %	10.10	10	
		Available Phosphate, %	27.78	30	DEFICIENT
	Custom blend fertilizer 11.91-30.44-20.29		02N-05031		
		Commercial Value	117.	116.9	
		Overall Index Value	99.9	100	
		Total Nitrogen, %	11.69	11.91	
		Available Phosphate, %	30.28	30.44	
		Soluble Potash, %	21.10	20.29	
Eastern Farmers Coop Garretson, SD					
	Custom blend fertilizer 44.1-0-0-3.7S		02N-05054		
		Total Nitrogen, %	44.65	44.12	
		Sulfur, %	3.61	3.68	

Manufacturer Location	Product	Analyte	Found	Claim	
Eastern Farmers Coop Baltic					
Baltic, SD					
	*** Custom Blend Fertilizer 9.78-24.99-24.45, S-2.45 ZN-98		02N-16196		
	Commercial Value		99.3	103.77	
	Overall Index Value		95.7	100	DEFICIENT
	Total Nitrogen, %		8.75	9.78	DEFICIENT
	Available Phosphate, %		23.41	24.99	DEFICIENT
	Soluble Potash, %		26.52	24.45	
	Sulfur, %		3.11	2.45	
	Zinc, %		1.20	0.98	
Easy Gardener					
Waco, TX					
	Ross Evergreen Spikes 10-10-10		02N-05153		
	Commercial Value		75.2	60	
	Overall Index Value		125.	100	
	Total Nitrogen, %		14.11	10	
	Available Phosphate, %		10.27	10	
	Soluble Potash, %		12.38	10	
	*** Ross Fruit and Ornamental Trees and Shrubs 8-16-16		02N-05154		
	Commercial Value		88.6	72	
	Overall Index Value		123.	100	
	Total Nitrogen, %		10.36	8	
	Available Phosphate, %		21.70	16	
	Soluble Potash, %		13.98	16	DEFICIENT
	Jobes Fertilizer Spikes for Beautiful Houseplants		02N-07422		
	Commercial Value		61.3	52	
	Overall Index Value		118.	100	
	Total Nitrogen, %		14.40	13	
	Available Phosphate, %		5.44	4	
	Soluble Potash, %		7.18	5	
	Jobes Fert Spikes/Tomatoes		02N-08674		
	Commercial Value		98.8	80	
	Overall Index Value		124.	100	
	Total Nitrogen, %		11.26	8	
	Available Phosphate, %		27.38	24	
	Soluble Potash, %		10.29	8	
	*** Evergreen Tree Stakes		02N-08675		
	Chlorine, %		11.50	7	EXCESSIVE
	Commercial Value		46.0	50	
	Overall Index Value		154.	100	
	Total Nitrogen, %		11.82	11	
	Available Phosphate, %		13.53	5	
	Soluble Potash, %		14.73	7	
	Jobes Liquid Fertilizer		02N-15296		
	Commercial Value		9.4	8	
	Overall Index Value		118.	100	
	Total Nitrogen, %		1.27	1	
	Available Phosphate, %		2.34	2	
	Soluble Potash, %		0.96	1	

Manufacturer Location	Product	Analyte	Found	Claim	
Elkton Farmers Union Coop					
Elkton, SD					
	*** Custom blend fertilizer 21.3-11.3-21.3-1.2Zn		02N-04624		
		Arsenic, ug/g (ppm)	4.5	0	
		Cadmium, ug/g (ppm)	0.7	0	
		Commercial Value	69.9	107.75	
		Overall Index Value	93.0	100	DEFICIENT
		Total Nitrogen, %	18.07	21.27	DEFICIENT
		Available Phosphate, %	11.68	11.34	
		Soluble Potash, %	23.97	21.26	
		Zinc, %	1.74	1.18	
		Lead, ug/g (ppm)	<0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.094	0	
	*** Custom blend fertilizer 29.4-16.17-8.82		02N-04628		
		Commercial Value	132.	129.36	
		Overall Index Value	102.	100	
		Total Nitrogen, %	30.76	29.4	
		Available Phosphate, %	16.23	16.17	
		Soluble Potash, %	7.58	8.82	DEFICIENT
Estelline Coop Grain					
Estelline, SD					
	Custom blend fertilizer 13.48-34.46-15.05		02N-03850		
		Arsenic, ug/g (ppm)	10.3	0	
		Cadmium, ug/g (ppm)	15.1	0	
		Commercial Value	126.	124.41	
		Overall Index Value	101.	100	
		Total Nitrogen, %	13.57	13.48	
		Available Phosphate, %	35.11	34.46	
		Soluble Potash, %	14.92	15.05	
		Lead, ug/g (ppm)	0.6	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.420	0	
Farmers Elevator Co. of Humboldt					
Humboldt, SD					
	*** Dry bulk fertilizer Custom 7.3-34.7-20.0		02N-16344		
		Commercial Value	116.	111	
		Overall Index Value	104.	100	
		Total Nitrogen, %	7.93	7.3	
		Available Phosphate, %	36.40	34.7	
		Soluble Potash, %	18.83	20	DEFICIENT
Farmers Plant Food Inc					
Garretson, SD					
	Liquid fertilizer 10-34-0		02N-04623		
		Commercial Value	98.0	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	9.83	10	
		Available Phosphate, %	34.24	34	
	*** Liquid fertilizer 28-0-0		02N-05027		
		Total Nitrogen, %	26.76	28	DEFICIENT
	Liquid fertilizer 8-20-5-4S		02N-05369		
		Commercial Value	37.4	69	
		Overall Index Value	102.	100	
		Total Nitrogen, %	8.75	8	
		Available Phosphate, %	19.71	20	
		Soluble Potash, %	4.59	5	
		Sulfur, %	4.00	4	

Manufacturer Location	Product	Analyte	Found	Claim	
Farmers Plant Food Inc Wolsey, SD					
	Liquid fertilizer 28-0-0		02N-04565		
		Total Nitrogen, %	28.31	28	
	Liquid fertilizer 10-34-0		02N-04569		
		Commercial Value	97.1	98	
		Overall Index Value	99.1	100	
		Total Nitrogen, %	10.15	10	
		Available Phosphate, %	33.31	34	
	Liquid fertilizer 10-34-0		02N-04780		
		Commercial Value	97.4	98	
		Overall Index Value	99.4	100	
		Total Nitrogen, %	9.78	10	
		Available Phosphate, %	34.02	34	
	Liquid fertilizer 10-34-0		02N-05293		
		Commercial Value	98.1	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	10.00	10	
		Available Phosphate, %	34.06	34	
	Liquid fertilizer 28-0-0		02N-07406		
		Total Nitrogen, %	28.11	28	
Farmers Union Wessington, SD					
	Custom blend fertilizer 36.94-5.06-5.1		02N-01235		
		Commercial Value	130.	126.04	
		Overall Index Value	104.	100	
		Total Nitrogen, %	37.98	36.94	
		Available Phosphate, %	5.70	5.06	
		Soluble Potash, %	5.16	5.1	
Farmers Union Coop Association Mitchell, SD					
	Custom blend fertilizer 35.42-17.38-0		02N-03726		
		Commercial Value	144.	141.02	
		Overall Index Value	102.	100	
		Total Nitrogen, %	35.32	35.42	
		Available Phosphate, %	19.18	17.38	
Farmland Industries Kansas City, MO					
	Dry bulk fertilizer 18-46-0		02N-05053		
		Commercial Value	144.	146	
		Overall Index Value	98.6	100	
		Total Nitrogen, %	17.81	18	
		Available Phosphate, %	45.24	46	
Farmland Industries Inc Kansas City, MO					
	Dry bulk fertilizer 46-0-0		02N-03719		
		Total Nitrogen, %	46.73	46	
	** Dry bulk fertilizer 11-52-0		02N-03720		
		Commercial Value	147.	137	
		Overall Index Value	107.	100	
		Total Nitrogen, %	17.72	11	
		Available Phosphate, %	47.03	52	DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry bulk fertilizer 18-46-0		02N-03722		
		Commercial Value	147.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.97	18	
		Available Phosphate, %	46.64	46	
	Dry bulk fertilizer 46-0-0		02N-03723		
		Total Nitrogen, %	46.65	46	
	Dry bulk fertilizer 0-0-60		02N-03724		
		Soluble Potash, %	61.51	60	
	Dry bulk fertilizer 18-46-0		02N-03725		
		Commercial Value	148.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.81	18	
		Available Phosphate, %	47.09	46	
	Dry bulk fertilizer 18-46-0		02N-03916		
		Commercial Value	149.	146	
		Overall Index Value	102.	100	
		Total Nitrogen, %	17.98	18	
		Available Phosphate, %	47.53	46	
	Dry bulk fertilizer 46-0-0		02N-03917		
		Total Nitrogen, %	46.67	46	
	Dry bulk fertilizer 11-52-0		02N-03919		
		Commercial Value	140.	137	
		Overall Index Value	102.	100	
		Total Nitrogen, %	11.17	11	
		Available Phosphate, %	53.03	52	
	Dry bulk fertilizer 11-52-0		02N-03947		
		Arsenic, ug/g (ppm)	3.9	0	
		Cadmium, ug/g (ppm)	0.3	0	
		Commercial Value	138.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	11.08	11	
		Available Phosphate, %	52.51	52	
		Lead, ug/g (ppm)	<0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.067	0	
	Dry bulk fertilizer 46-0-0		02N-05760		
		Total Nitrogen, %	46.43	46	
Free Flow Fertilizer					
Maumee, OH					
	*** Sams Choice Lawn Food 29-3-4		02N-02223		
		Chlorine, %	3.50	3.4	
		Commercial Value	93.9	97	
		Iron, %	2.00	2	
		Overall Index Value	96.8	100	DEFICIENT
		Total Nitrogen, %	27.77	29	DEFICIENT
		Available Phosphate, %	3.34	3	
		Soluble Potash, %	4.51	4	
		Sulfur, %	3.89	3.8	
	*** Dry Bagged fertilizer 29-3-4		02N-04973		
		Commercial Value	92.4	97	
		Overall Index Value	95.2	100	DEFICIENT
		Total Nitrogen, %	27.36	29	DEFICIENT
		Available Phosphate, %	2.68	3	
		Soluble Potash, %	4.61	4	

Manufacturer Location	Product	Analyte	Found	Claim
	Green Thumb Bone Meal		02N-15297	
		Commercial Value	45.0	
		Overall Index Value	125.	
		Total Nitrogen, %	6.39	4
		Available Phosphate, %	12.89	12
Green-It Turf Products Longmont, CO				
	Safe Green Weed & Feed 20-10-5		02N-07419	
		Commercial Value	86.2	85
		Overall Index Value	101.	100
		Total Nitrogen, %	19.92	20
		Available Phosphate, %	10.46	10
		Soluble Potash, %	5.51	5
Gro Tec Inc Madison, GA				
	House Plant Fert. Spikes 13-4-5		02N-05206	
		Commercial Value	62.0	52
		Overall Index Value	119.	100
		Total Nitrogen, %	14.29	13
		Available Phosphate, %	5.61	4
		Soluble Potash, %	7.89	5
Hamlin County Farmers Coop Hayti, SD				
	Custom blend fertilizer 35.08-17.94-0		02N-04253	
		Commercial Value	143.	141.12
		Overall Index Value	102.	100
		Total Nitrogen, %	34.49	35.08
		Available Phosphate, %	19.98	17.94
Hartford Farmers Elevator Hartford, SD				
	Custom blend fertilizer 13.49-34.48-15.03		02N-05021	
		Commercial Value	124.	124.46
		Overall Index Value	99.3	100
		Total Nitrogen, %	13.09	13.49
		Available Phosphate, %	34.38	34.48
		Soluble Potash, %	15.51	15.03
	Custom Blend Fertilizer 13.5-34.5-15		02N-16190	
		Commercial Value	126.	124.5
		Overall Index Value	101.	100
		Total Nitrogen, %	13.63	13.5
		Available Phosphate, %	35.21	34.5
		Soluble Potash, %	14.92	15
Hazel Farmers Elevator Hazel, SD				
	Custom blend fertilizer 34.8-18.4-0		02N-04526	
		Commercial Value	143.	141.2
		Overall Index Value	101.	100
		Total Nitrogen, %	34.21	34.8
		Available Phosphate, %	20.34	18.4
Helana Chemical Co. Bassett, NE				
	Liquid fertilizer 10-34-0		02N-02608	
		Commercial Value	99.0	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.33	10
		Available Phosphate, %	34.00	34

Manufacturer Location	Product	Analyte	Found	Claim	
Howard Johnsons Enterprises Inc Milwaukee, WI					
	** Howard Johnsons All Purpose Fertilizer 10-10-10		02N-02224		
		Chlorine, %	8.31	5	EXCESSIVE
		Commercial Value	64.2	60	
		Overall Index Value	107.	100	
		Total Nitrogen, %	10.90	10	
		Available Phosphate, %	10.55	10	
		Soluble Potash, %	10.36	10	
	** Hardware Hank Starter Fertilizer 12-22-14		02N-12216		
		Commercial Value	64.9	94	
		Overall Index Value	98.3	100	
		Total Nitrogen, %	13.08	12	DEFICIENT
		Available Phosphate, %	19.00	22	
		Soluble Potash, %	14.60	14	
		Sulfur, %	2.55	1.47	
	Howard Johnson Turf Food 24-2-3		02N-12577		
		Commercial Value	80.6	79	
		Overall Index Value	102.	100	
		Total Nitrogen, %	24.34	24	
		Available Phosphate, %	2.18	2	
		Soluble Potash, %	3.20	3	
Humboldt Farmers Elevator Humboldt, SD					
	Custom blend fertilizer 34.59-11.52-5.74		02N-05023		
		Commercial Value	136.	132.55	
		Overall Index Value	103.	100	
		Total Nitrogen, %	35.19	34.59	
		Available Phosphate, %	12.39	11.52	
		Soluble Potash, %	5.66	5.74	
IMC Sioux City, IA					
	Dry bulk fertilizer 18-46-0		02N-05366		
		Commercial Value	146.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	17.82	18	
		Available Phosphate, %	46.44	46	
IMC Esterhazy Canada Limited Partners Esterhazy, SK, CN					
	Dry bulk fertilizer 0-0-60		02N-05043		
		Soluble Potash, %	59.29	60	
	Dry bulk fertilizer 0-0-60		02N-05052		
		Soluble Potash, %	59.35	60	
IMC Kalium Canada Regina, Saskatchewan, CA					
	Dry bulk fertilizer 0-0-60		02N-03949		
		Soluble Potash, %	60.90	60	
IMC USA Inc. Lake Forest, IL					
	** Dry bulk fertilizer 18-46-0		02N-05022		
		Commercial Value	139.	146	
		Overall Index Value	95.1	100	DEFICIENT
		Total Nitrogen, %	11.43	18	DEFICIENT
		Available Phosphate, %	52.48	46	

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry bulk fertilizer 18-46-0		02N-05033		
		Commercial Value	149.	146	
		Overall Index Value	102.	100	
		Total Nitrogen, %	18.01	18	
		Available Phosphate, %	47.39	46	
	Bulk Dry Fertilizer 18-46-0		02N-16191		
		Commercial Value	148.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.83	18	
		Available Phosphate, %	47.05	46	
IMC-Agrico Company					
Bannockburn, IL					
	Dry bulk fertilizer MAP 11-52-0		02N-04538		
		Arsenic, ug/g (ppm)	11.4	0	
		Cadmium, ug/g (ppm)	20.3	0	
		Commercial Value	140.	137	
		Overall Index Value	102.	100	
		Total Nitrogen, %	11.17	11	
		Available Phosphate, %	53.06	52	
		Lead, ug/g (ppm)	0.6	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.646	0	
Ironite Products Company					
Scottsdale, AZ					
	Ironite Garden Spray 6-2-1		02N-01819		
		Commercial Value	31.9	23	
		Overall Index Value	139.	100	
		Total Nitrogen, %	8.55	6	
		Available Phosphate, %	2.04	2	
		Soluble Potash, %	2.16	1	
J.R. Peters Inc.					
Allentown, PA					
	Jacks Classic Acid Special 17-6-6		02N-12578		
		Commercial Value	76.5	69	
		Overall Index Value	111.	100	
		Total Nitrogen, %	18.73	17	
		Available Phosphate, %	6.48	6	
		Soluble Potash, %	7.35	6	
		Sulfur, %	15.02	14	
Jirdon Agri Chemicals Inc					
Morrill, NE					
	** Vegetable Fertilizer 12-16-4		02N-03931		
		Commercial Value	85.8	72	
		Iron, %	0.74	1	DEFICIENT
		Overall Index Value	119.	100	
		Total Nitrogen, %	13.56	12	
		Available Phosphate, %	20.00	16	
		Soluble Potash, %	5.09	4	
		Sulfur, %	11.83	10	
		Zinc, %	1.30	1	
Johnsons Ranchers Supply Inc					
Wall, SD					
	Liquid fertilizer 28-0-0		02N-04978		
		Total Nitrogen, %	28.52	28	

Manufacturer Location	Product	Analyte	Found	Claim	
JR Simplot					
Rock Springs, WY					
	Dry bulk fertilizer 11-52-0		02N-00220		
		Commercial Value	137.	137	
		Overall Index Value	100.	100	
		Total Nitrogen, %	11.02	11	
		Available Phosphate, %	52.15	52	
	Dry bulk fertilizer 11-52-0 Bin 6		02N-04361		
		Arsenic, ug/g (ppm)	3.7	0	
		Cadmium, ug/g (ppm)	8.3	0	
		Commercial Value	139.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	11.02	11	
		Available Phosphate, %	52.81	52	
		Lead, ug/g (ppm)	<0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.092	0	
JRM Chemical					
Cleveland, OH					
	*** Soil Moist Plus Spikes 5-5-5		02N-05156		
		Commercial Value	60.5	30	
		Overall Index Value	202.	100	
		Total Nitrogen, %	16.28	5	
		Available Phosphate, %	3.58	5	DEFICIENT
		Soluble Potash, %	4.91	5	
JVN					
Mitchell, SD					
	*** Plant Starter RTU 4-10-3		02N-05146		
		Commercial Value	1.1	35	
		Overall Index Value	3.1	100	DEFICIENT
		Total Nitrogen, %	0.17	4	DEFICIENT
		Available Phosphate, %	0.25	10	DEFICIENT
		Soluble Potash, %	0.04	3	DEFICIENT
	*** House Plant Special RTU 15-30-15		02N-05147		
		Commercial Value	2.3	120	
		Overall Index Value	2.0	100	DEFICIENT
		Total Nitrogen, %	0.29	15	DEFICIENT
		Available Phosphate, %	0.47	30	DEFICIENT
		Soluble Potash, %	0.47	15	DEFICIENT
	*** General Purpose RTU 15-15-15 and Calcium		02N-05148		
		Calcium, %	0.09	5	DEFICIENT
		Commercial Value	1.2	70	
		Overall Index Value	1.5	100	DEFICIENT
		Magnesium, %	0.08	2	DEFICIENT
		Total Nitrogen, %	0.28	15	DEFICIENT
		Available Phosphate, %	0.10	5	DEFICIENT
		Soluble Potash, %	0.17	15	DEFICIENT
Kaylor Grain Co.					
Kaylor, SD					
	*** Custom blend fertilizer 37.88-13.35-0		02N-05367		
		Commercial Value	137.	140.34	
		Overall Index Value	97.3	100	DEFICIENT
		Total Nitrogen, %	35.98	37.88	DEFICIENT
		Available Phosphate, %	13.87	13.35	

Manufacturer Location	Product	Analyte	Found	Claim	
Knox Fertilizer Co Inc					
Knox, IN					
	Lawn Starter 12-22-14		02N-05790		
		Commercial Value	98.7	94	
		Overall Index Value	105.	100	
		Total Nitrogen, %	12.27	12	
		Available Phosphate, %	23.08	22	
		Soluble Potash, %	15.77	14	
Lake Preston Coop					
Lake Preston, SD					
	*** Custom blend fertilizer 8.8-41.6-12		02N-03735		
		Commercial Value	116.	121.6	
		Overall Index Value	95.7	100	DEFICIENT
		Total Nitrogen, %	8.03	8.8	DEFICIENT
		Available Phosphate, %	37.90	41.6	DEFICIENT
		Soluble Potash, %	16.87	12	
	*** Custom blend fertilizer 8.25-38.99-15.01		02N-03737		
		Commercial Value	115.	117.74	
		Overall Index Value	97.8	100	DEFICIENT
		Total Nitrogen, %	7.83	8.25	
		Available Phosphate, %	36.87	38.99	DEFICIENT
		Soluble Potash, %	18.13	15.01	
Lebanon Seaboard Corp					
Lebanon, PA					
	Perk-up Lawn Fert 4-0-10		02N-07427		
		Commercial Value	28.9	22	
		Iron, %	9.39	10	
		Overall Index Value	131.	100	
		Total Nitrogen, %	6.26	4	
		Soluble Potash, %	10.10	10	
		Sulfur, %	11.73	8	
	Greenview Preen N Green Gardens and Beds 9-17-9		02N-12217		
		Arsenic, ug/g (ppm)	3.4	0	
		Cadmium, ug/g (ppm)	5.9	0	
		Chlorine, %	8.34	8	
		Commercial Value	85.2	70	
		Overall Index Value	122.	100	
		Total Nitrogen, %	10.56	9	
		Available Phosphate, %	21.44	17	
		Soluble Potash, %	10.67	9	
		Lead, ug/g (ppm)	2.1	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.104	0	
Linear Grain, Inc					
Carman, Manitoba, CA					
	Dry bulk fertilizer 0-0-60		02N-05032		
		Soluble Potash, %	59.67	60	
	Dry bulk fertilizer 0-0-60		02N-05484		
		Soluble Potash, %	59.15	60	
Madison Farmers Elevator					
Ramona, SD					
	*** Dry bulk fertilizer 18-46-0		02N-05480		
		Commercial Value	143.	146	
		Overall Index Value	98.0	100	
		Total Nitrogen, %	16.21	18	DEFICIENT
		Available Phosphate, %	47.25	46	

Manufacturer Location	Product	Analyte	Found	Claim	
Mettler Fertilizer					
	*** Liquid fertilizer 32-0-0		02N-05376		
		Total Nitrogen, %	27.12	32	DEFICIENT
Mettler Fertilizer Inc					
Menno, SD					
	*** Custom blend liquid fertilizer 29.7-0-0-2.96S		02N-05374		
		Total Nitrogen, %	22.60	29.7	DEFICIENT
		Sulfur, %	1.19	2.96	DEFICIENT
	*** Liquid fertilizer 12-0-0-26S		02N-05375		
		Total Nitrogen, %	11.43	12	
		Sulfur, %	23.42	26	DEFICIENT
Midwest Coop					
Martin, SD					
	*** Liquid fertilizer 28-0-0		02N-02607		
		Total Nitrogen, %	18.43	28	DEFICIENT
	Liquid Fertilizer 28-0-0		02N-04357		
		Total Nitrogen, %	28.28	28	
Milorganite Division-MMSD					
Milwaukee, WI					
	Milorganite Fertilizer 6-2-0		02N-02220		
		Calcium, %	1.55	1.2	
		Chlorine, %	1.04	1	
		Commercial Value	27.6	22	
		Iron, %	5.12	4	
		Overall Index Value	125.	100	
		Total Nitrogen, %	6.42	6	
		Available Phosphate, %	4.16	2	
Miracle Gro Lawn Products					
Port Washington, NY					
	Miracle-Gro Garden Weed Prevent and Plant Food 9-17-9		02N-02745		
		Chlorine, %	7.97	9	
		Commercial Value	77.2	70	
		Overall Index Value	110.	100	
		Total Nitrogen, %	10.17	9	
		Available Phosphate, %	18.30	17	
		Soluble Potash, %	10.05	9	
Monsanto Agricultural Company					
St. Louis, MO					
	Green Sweep Lawn Food Plus 1/2% Iron 27-0-1		02N-05197		
		Commercial Value	84.2	82	
		Overall Index Value	103.	100	
		Total Nitrogen, %	27.74	27	
		Soluble Potash, %	1.03	1	
Na-Churs Alpine Solutions					
St. Louis, MO					
	Liquid fertilizer 9-18-9		02N-05047		
		Commercial Value	73.1	72	
		Overall Index Value	102.	100	
		Total Nitrogen, %	9.06	9	
		Available Phosphate, %	18.42	18	
		Soluble Potash, %	9.07	9	

Manufacturer Location	Product	Analyte	Found	Claim	
	Liquid fertilizer 3-18-18		02N-05049		
		Commercial Value	65.6	63	
		Overall Index Value	104.	100	
		Total Nitrogen, %	3.23	3	
		Available Phosphate, %	18.98	18	
		Soluble Potash, %	17.99	18	
North Central Farmers Elevator Ipswich, SD					
	Liquid fertilizer 28-0-0		02N-05308		
		Total Nitrogen, %	27.96	28	
	Liquid fertilizer 10-34-0		02N-05309		
		Commercial Value	97.6	98	
		Overall Index Value	99.6	100	
		Total Nitrogen, %	9.79	10	
		Available Phosphate, %	34.12	34	
	Liquid fertilizer 3-18-18		02N-05310		
		Arsenic, ug/g (ppm)	0.7	0	
		Cadmium, ug/g (ppm)	2.5	0	
		Commercial Value	63.6	63	
		Overall Index Value	101.	100	
		Total Nitrogen, %	3.74	3	
		Available Phosphate, %	17.63	18	
		Soluble Potash, %	17.13	18	
		Lead, ug/g (ppm)	<0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.052	0	
Northern Plains Coop Faulkton, SD					
	Custom blend fertilizer 23.63-23.63-8.44		02N-03958		
		Commercial Value	129.	126.59	
		Overall Index Value	102.	100	
		Total Nitrogen, %	23.22	23.63	
		Available Phosphate, %	25.79	23.63	
		Soluble Potash, %	8.11	8.44	
Northern Plains Coop Gettysburg, SD					
	Custom blend fertilizer Eidem Ranch @ 2:30p 35.02-18.06-0		02N-04336		
		Commercial Value	142.	141.18	
		Overall Index Value	101.	100	
		Total Nitrogen, %	35.24	35.02	
		Available Phosphate, %	18.24	18.06	
	Custom blend fertilizer 29.8-15.2-9.0		02N-04337		
		Commercial Value	131.	129.1	
		Overall Index Value	102.	100	
		Total Nitrogen, %	30.45	29.9	
		Available Phosphate, %	15.98	15.2	
		Soluble Potash, %	8.85	9	
Northern Plains Coop Selby, SD					
	** Custom blend fertilizer 35.08-17.94-0		02N-05391		
		Commercial Value	143.	141.12	
		Overall Index Value	101.	100	
		Total Nitrogen, %	33.26	35.08	DEFICIENT
		Available Phosphate, %	21.65	17.94	

Manufacturer Location	Product	Analyte	Found	Claim	
Nulex Inc					
Sioux City, IA					
	Nulex 10% Liquid Zinc Fertilizer Tank 5		02N-04976		
		Arsenic, ug/g (ppm)	3.2	0	
		Cadmium, ug/g (ppm)	2.1	0	
		Zinc, %	10.52	10	
		Lead, ug/g (ppm)	5.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.109	0	
Nutra-Flo Chemical Co.					
Sioux City, IA					
	*** Liquid fertilizer Clear 10-34-0		02N-05486		
		Commercial Value	97.1	98	
		Overall Index Value	99.0	100	
		Total Nitrogen, %	14.58	10	
		Available Phosphate, %	26.64	34	DEFICIENT
Nutra-Flo Company					
Sioux City, IA					
	Liquid fertilizer 10-34-0		02N-04262		
		Commercial Value	100.	98	
		Overall Index Value	102.	100	
		Total Nitrogen, %	10.19	10	
		Available Phosphate, %	34.70	34	
	*** 10-34-0		02N-07207		
		Commercial Value	97.3	98	
		Overall Index Value	99.3	100	
		Total Nitrogen, %	10.39	10	
		Available Phosphate, %	33.06	34	DEFICIENT
Ortho					
Columbus, OH					
	Green Sweep Weed and Feed 20-0-0		02N-04982		
		Total Nitrogen, %	20.79	20	
PCS Sales					
Saskatoon, Saskatchewan, CN					
	Dry bulk fertilizer 0-0-60		02N-04256		
		Soluble Potash, %	58.94	60	
	Dry bulk fertilizer Potash 0-0-60		02N-04840		
		Soluble Potash, %	59.09	60	
	Dry bulk fertilizer Granular 0-0-62		02N-05037		
		Soluble Potash, %	61.13	62	
	Bulk Dry Fertilizer 0-0-60		02N-16192		
		Soluble Potash, %	60.02	60	
	Dry bulk fertilizer 0-0-60		02N-16350		
		Soluble Potash, %	60.00	60	
PCS Sales (USA) Inc.					
Northbrook, IL					
	Dry bulk fertilizer 0-0-60		02N-05044		
		Soluble Potash, %	58.80	60	
	11-52-0		02N-07209		
		Commercial Value	141.	137	
		Overall Index Value	103.	100	
		Total Nitrogen, %	11.07	11	
		Available Phosphate, %	53.68	52	

Manufacturer Location	Product	Analyte	Found	Claim
Peavey Red Rock Elevator St. Paul, MN	Dry bulk fertilizer Bin 5 46-0-0		02N-04360	
		Total Nitrogen, %	46.66	46
PICC New York, NY	Espogrow Plant Food		02N-02520	
		Magnesium, %	9.73	9.8
	Sulfur, %	13.38	12.9	
	Epsogrow Plant Food Supplement		02N-02744	
		Arsenic, ug/g (ppm)	<0.4	0
		Cadmium, ug/g (ppm)	<0.1	0
		Magnesium, %	9.33	9.8
		Sulfur, %	14.14	12.9
		Lead, ug/g (ppm)	<0.2	0
	Mercury, ug/g (ppm)	<0.10	0	
Selenium, ug/g (ppm)	<0.045	0		
Pine Bend Whse Rosemount, MN	Dry bulk fertilizer Urea 46-0-0		02N-04641	
		Total Nitrogen, %	46.50	46
Pro Ag Supply Aberdeen, SD	Liquid fertilizer Custom 8-26-0		02N-05294	
		Arsenic, ug/g (ppm)	2.5	0
		Cadmium, ug/g (ppm)	10.0	0
		Commercial Value	78.6	80
		Overall Index Value	98.2	100
		Total Nitrogen, %	8.36	8
		Available Phosphate, %	26.75	26
		Lead, ug/g (ppm)	<0.2	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.054	0
Pursell Industries Inc Sylacauga, AL	Holland Bulb Booster 9-9-6		02N-01229	
		Commercial Value	71.8	51
		Overall Index Value	141.	100
		Total Nitrogen, %	11.92	9
		Available Phosphate, %	14.62	9
	Soluble Potash, %	6.82	6	
	Ace Premium Weed and Feed 29-3-4		02N-04034	
		Commercial Value	100.	97
		Overall Index Value	103.	100
		Total Nitrogen, %	29.09	29
	Available Phosphate, %	3.58	3	
	Soluble Potash, %	5.95	4	
	Ace Super Green Turf Crabgrass Preventer with Fertilizer		02N-04035	
		Commercial Value	121.	118
		Overall Index Value	103.	100
		Total Nitrogen, %	37.08	36
Available Phosphate, %		3.23	3	
Soluble Potash, %		3.79	4	
Sulfur, %	1.64	1		

Manufacturer Location	Product	Analyte	Found	Claim	
	Ace Super Green Turf Lawn Food 30-3-3		02N-04036		
		Commercial Value	98.9	99	
		Iron, %	3.16	2	
		Overall Index Value	99.9	100	
		Total Nitrogen, %	29.54	30	
		Available Phosphate, %	2.98	3	
		Soluble Potash, %	4.30	3	
		Sulfur, %	1.53	1	
	** Ace Super Green Turf Starter Fertilizer 20-27-5		02N-04037		
		Commercial Value	75.0	119	
		Iron, %	2.38	1	
		Overall Index Value	97.2	100	DEFICIENT
		Total Nitrogen, %	17.48	20	DEFICIENT
		Available Phosphate, %	29.27	27	
		Soluble Potash, %	4.43	5	DEFICIENT
	** ACE Super Green Turf Starter Fert 20-27-5		02N-04340		
		Commercial Value	124.	119	
		Iron, %	1.00	1	
		Overall Index Value	104.	100	
		Total Nitrogen, %	17.96	20	DEFICIENT
		Available Phosphate, %	31.01	27	
		Soluble Potash, %	7.28	5	
	** ACE Super Green Turf Lawn Fert 30-3-3		02N-04341		
		Commercial Value	92.2	99	
		Iron, %	2.11	2	
		Overall Index Value	93.2	100	DEFICIENT
		Total Nitrogen, %	25.93	30	DEFICIENT
		Available Phosphate, %	4.60	3	
		Soluble Potash, %	4.67	3	
		Sulfur, %	1.52	1	
	KGro-Premium Weed and Feed 28-3-3		02N-05835		
		Commercial Value	95.9	93	
		Overall Index Value	103.	100	
		Total Nitrogen, %	29.20	28	
		Available Phosphate, %	2.69	3	
		Soluble Potash, %	2.91	3	
	KGro Premium Lawn Fertilizer 29-3-4		02N-05837		
		Commercial Value	97.7	97	
		Overall Index Value	101.	100	
		Total Nitrogen, %	28.35	29	
		Available Phosphate, %	3.67	3	
		Soluble Potash, %	5.27	4	
	Ace Super Turf 29-3-3		02N-07425		
		Commercial Value	99.5	96	
		Overall Index Value	104.	100	
		Total Nitrogen, %	29.70	29	
		Available Phosphate, %	3.76	3	
		Soluble Potash, %	2.92	3	
	Ace Super Green Turf Winterizer 24-3-12		02N-17987		
		Commercial Value	98.0	90	
		Overall Index Value	109.	100	
		Total Nitrogen, %	25.35	24	
		Available Phosphate, %	4.44	3	
		Soluble Potash, %	13.08	12	

Manufacturer Location	Product	Analyte	Found	Claim	
Quali Trade Inc.					
Jordan, MN					
	Dry bulk fertilizer Ammonium Sulfate 21-0-0-24S		02N-04259		
		Total Nitrogen, %	21.18	21	
		Sulfur, %	24.84	24	
Quali Trade, Inc.					
Shakopee, MN					
	Dry bulk fertilizer 21-0-0-24S ammonium sulfate		02N-04537		
		Total Nitrogen, %	21.20	21	
		Sulfur, %	24.34	24	
	Dry bulk fertilizer 18-46-0		02N-05542		
		Commercial Value	147.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	17.66	18	
		Available Phosphate, %	46.84	46	
Ramsdell F & M Ltd					
Flandreau, SD					
	*** Custom blend fertilizer 31.12-18.14-5.16		02N-05040		
		Commercial Value	135.	134.8	
		Overall Index Value	100.	100	
		Total Nitrogen, %	28.71	31.12	DEFICIENT
		Available Phosphate, %	21.30	18.14	
		Soluble Potash, %	6.56	5.16	
Safer Inc.					
Bloomington, MN					
	*** Oxygen Plus R Liquid Plant Food 1-2-1		02N-02734		
		Commercial Value	7.3	8	
		Overall Index Value	91.1	100	DEFICIENT
		Total Nitrogen, %	0.94	1	
		Available Phosphate, %	1.91	2	
		Soluble Potash, %	0.66	1	
Sanborn County Farmers Union Oil					
Woonsocket, SD					
	Custom blend fertilizer 39-11.5-0		02N-05397		
		Commercial Value	141.	140	
		Overall Index Value	101.	100	
		Total Nitrogen, %	38.80	39	
		Available Phosphate, %	12.53	11.5	
	Dry bulk fertilizer 46-0-0		02N-05398		
		Total Nitrogen, %	46.66	46	
Saskferco					
Belle Plaine, Sask., CN					
	Dry bulk fertilizer Urea 46-0-0		02N-02606		
		Total Nitrogen, %	46.63	46	
	Dry bulk fertilizer 46-0-0		02N-03234		
		Total Nitrogen, %	46.76	46	
	Dry bulk fertilizer Bin 4 46-0-0		02N-04359		
		Total Nitrogen, %	46.70	46	
	Dry bulk fertilizer 46-0-0		02N-05055		
		Total Nitrogen, %	46.79	46	
	Dry bulk fertilizer 46-0-0		02N-05390		
		Total Nitrogen, %	46.83	46	
	46-0-0		02N-06651		
		Total Nitrogen, %	46.35	46	

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry bulk fertilizer 46-0-0		02N-12521		
		Total Nitrogen, %	46.79	46	
	46-0-0		02N-14974		
		Total Nitrogen, %	46.98	46	
	46-0-0		02N-14979		
		Total Nitrogen, %	46.56	46	
	Bulk Dry Fertilizer 0-0-60		02N-16198		
		Soluble Potash, %	59.96	60	
Saskferco					
Regina, Saskatchewan,					
	Dry bulk fertilizer 46-0-0		02N-02918		
		Total Nitrogen, %	46.63	46	
	46-0-0		02N-15298		
		Total Nitrogen, %	46.64	46	
Saskferco Belle Plaine					
Saskatchewan, CN					
	Dry bulk fertilizer 46-0-0		02N-05024		
		Total Nitrogen, %	46.79	46	
Schultz Company					
Bridgeton, MO					
	*** Tomato Food 18-19-30		02N-00758		
		Commercial Value	119.	122	
		Overall Index Value	97.3	100	DEFICIENT
		Total Nitrogen, %	17.64	18	
		Available Phosphate, %	19.07	19	
		Soluble Potash, %	27.92	30	DEFICIENT
	Schultz Potting Soil Plus .08-.12-.08		02N-01221		
		Commercial Value	3.0	0.56	
		Overall Index Value	533.	100	
		Total Nitrogen, %	0.93	0.08	
		Available Phosphate, %	0.06	0.12	
		Soluble Potash, %	0.07	0.08	
	Schultz Expert Gardener 10-15-10		02N-01818		
		Commercial Value	77.1	70	
		Overall Index Value	110.	100	
		Total Nitrogen, %	10.67	10	
		Available Phosphate, %	17.36	15	
		Soluble Potash, %	10.38	10	
	Schultz R Expert Gardener All Purpose Plant Food 20-30-20		02N-02736		
		Commercial Value	141.	140	
		Overall Index Value	101.	100	
		Total Nitrogen, %	19.85	20	
		Available Phosphate, %	30.99	30	
		Soluble Potash, %	19.90	20	
	*** Schultz Expert Gardener All Purpose Granular Plant Food		02N-04043		
		Chlorine, %	10.05	9	EXCESSIVE
		Commercial Value	85.6	84	
		Overall Index Value	102.	100	
		Total Nitrogen, %	16.54	16	
		Available Phosphate, %	11.93	12	
		Soluble Potash, %	12.15	12	
		Sulfur, %	3.69	2	

Manufacturer Location	Product	Analyte	Found	Claim
	Schultz Expert Gardener Tomato and Vegetable Granular		02N-04044	
		Chlorine, %	9.42	9
		Commercial Value	66.9	66
		Iron, %	1.66	1
		Overall Index Value	101.	100
		Total Nitrogen, %	10.69	10
		Available Phosphate, %	11.45	12
		Soluble Potash, %	11.90	12
		Sulfur, %	5.09	2
	Schultz All Purpose Liquid Plant Food 10-15-10		02N-05208	
		Commercial Value	76.8	70
		Overall Index Value	110.	100
		Total Nitrogen, %	10.65	10
		Available Phosphate, %	17.29	15
		Soluble Potash, %	10.31	10
	Liquid Plant Food 10-15-10		02N-07244	
		Commercial Value	73.0	70
		Overall Index Value	104.	100
		Total Nitrogen, %	10.25	10
		Available Phosphate, %	16.04	15
		Soluble Potash, %	10.16	10
	Bloom Plus		02N-07328	
		Commercial Value	158.	160
		Overall Index Value	98.5	100
		Total Nitrogen, %	9.69	10
		Available Phosphate, %	59.41	60
		Soluble Potash, %	9.75	10
	Schultz 10-15-10 Plant Food Plus		02N-17985	
		Commercial Value	82.7	70
		Overall Index Value	138.	100
		Total Nitrogen, %	11.11	10
		Available Phosphate, %	19.63	15
		Soluble Potash, %	10.13	10
	Schultz Professional Potting Soil Plus		02N-17988	
		Commercial Value	3.4	0.56
		Overall Index Value	611.	100
		Total Nitrogen, %	1.08	0.08
		Available Phosphate, %	0.09	0.12
		Soluble Potash, %	0.00	0.08
Schultz Company				
St. Louis, MO				
	Schultz Plant Food 10-15-10		02N-00748	
		Commercial Value	80.6	70
		Overall Index Value	115.	100
		Total Nitrogen, %	10.82	10
		Available Phosphate, %	18.99	15
		Soluble Potash, %	10.19	10
	Schultz Cactus Plus		02N-01814	
		Commercial Value	33.4	27
		Overall Index Value	124.	100
		Total Nitrogen, %	2.83	2
		Available Phosphate, %	8.41	7
		Soluble Potash, %	8.07	7

Manufacturer Location	Product	Analyte	Found	Claim	
Scotts Company Marysville, OH	Scotts All Purpose Plant Food 18-9-18		02N-00762		
		Commercial Value	96.2	90	
		Overall Index Value	107.	100	
		Total Nitrogen, %	18.99	18	
		Available Phosphate, %	9.90	9	
		Soluble Potash, %	19.41	18	
		Sulfur, %	7.90	6.7	
		Miracle-Gro Plant Food		02N-00814	
		Commercial Value	123.	120	
		Overall Index Value	103.	100	
		Total Nitrogen, %	14.85	15	
		Available Phosphate, %	31.80	30	
		Soluble Potash, %	14.91	15	
		Scotts Step 1 32-3-10		02N-01219	
		Commercial Value	116.	112	
		Overall Index Value	103.	100	
		Total Nitrogen, %	33.04	32	
		Available Phosphate, %	3.01	3	
		Soluble Potash, %	10.57	10	
		Scotts Turf Builder Plus Halts 36-3-4		02N-01220	
		Commercial Value	125.	118	
		Overall Index Value	106.	100	
		Total Nitrogen, %	37.99	36	
	Available Phosphate, %	3.22	3		
	Soluble Potash, %	4.35	4		
	Scotts Turf Builder Plus 28-3-3		02N-01823		
	Commercial Value	93.6	93		
	Overall Index Value	101.	100		
	Total Nitrogen, %	28.04	28		
	Available Phosphate, %	3.10	3		
	Soluble Potash, %	3.27	3		
	Sulfur, %	12.66	11		
	Scotts All Purpose Plant Food 18-9-18		02N-02596		
	Commercial Value	95.1	90		
	Overall Index Value	106.	100		
	Total Nitrogen, %	19.13	18		
	Available Phosphate, %	8.67	9		
	Soluble Potash, %	20.39	18		
	Sulfur, %	6.81	6.7		
	Osmocote Plant Food		02N-02597		
	Commercial Value	86.0	84		
	Overall Index Value	102.	100		
	Total Nitrogen, %	14.13	14		
	Available Phosphate, %	14.73	14		
	Soluble Potash, %	14.19	14		
	Scotts Rose Food 18-11-16		02N-03837		
	Commercial Value	99.4	92		
	Overall Index Value	108.	100		
	Total Nitrogen, %	19.31	18		
	Available Phosphate, %	12.27	11		
	Soluble Potash, %	16.91	16		
	Sulfur, %	7.14	5		

Manufacturer Location	Product	Analyte	Found	Claim
	Miracle Gro Lawn Food 36-6-6		02N-03838	
		Commercial Value	133.	126
		Overall Index Value	105.	100
		Total Nitrogen, %	38.54	36
		Available Phosphate, %	5.47	6
		Soluble Potash, %	6.20	6
	Miracle-Gro All Purpose Plant Food 15-30-15		02N-03839	
		Commercial Value	123.	120
		Overall Index Value	102.	100
		Total Nitrogen, %	15.35	15
		Available Phosphate, %	31.63	30
		Soluble Potash, %	15.03	15
	Miracle-Gro Tomato Plant Food 18-18-21		02N-03840	
		Commercial Value	113.	111
		Overall Index Value	102.	100
		Total Nitrogen, %	17.89	18
		Available Phosphate, %	19.13	18
		Soluble Potash, %	21.45	21
	Miracle Gro Rose Plant Food 18-24-16		02N-03841	
		Commercial Value	128.	118
		Overall Index Value	108.	100
		Total Nitrogen, %	20.82	18
		Available Phosphate, %	24.60	24
		Soluble Potash, %	16.02	16
	Miracle-Gro Water Soluble All Purpose Plant Food 15-30-15		02N-04339	
		Commercial Value	128.	120
		Overall Index Value	107.	100
		Total Nitrogen, %	14.66	15
		Available Phosphate, %	33.34	30
		Soluble Potash, %	17.27	15
	Scotts Turf Builder 29-3-4		02N-04882	
		Commercial Value	99.8	97
		Overall Index Value	103.	100
		Total Nitrogen, %	29.58	29
		Available Phosphate, %	3.36	3
		Soluble Potash, %	4.30	4
	Scotts Lawn Pro Lawn Fertilizer with 2% Iron 31-3-9		02N-05131	
		Commercial Value	116.	108
		Iron, %	2.06	2
		Overall Index Value	107.	100
		Total Nitrogen, %	33.06	31
		Available Phosphate, %	3.47	3
		Soluble Potash, %	9.66	9
		Sulfur, %	4.09	3.5
	Scotts Super Turf Builder Lawn Fert. 30-3-3		02N-05133	
		Commercial Value	103.	99
		Iron, %	1.79	1.8
		Overall Index Value	104.	100
		Total Nitrogen, %	30.89	30
		Available Phosphate, %	3.22	3
		Soluble Potash, %	3.47	3
		Sulfur, %	7.17	4.5
	Peters Orchid Plant Food 30-10-10		02N-05152	
		Commercial Value	133.	120
		Overall Index Value	111.	100
		Total Nitrogen, %	32.90	30
		Available Phosphate, %	11.48	10
		Soluble Potash, %	11.44	10

Manufacturer Location	Product	Analyte	Found	Claim	
	Miracle-Gro All Purpose Plant Food 15-30-15		02N-05786		
		Commercial Value	125.	120	
		Overall Index Value	104.	100	
		Total Nitrogen, %	15.73	15	
		Available Phosphate, %	31.58	30	
		Soluble Potash, %	14.93	15	
	Miracid Plant food 30-10-10		02N-05787		
		Commercial Value	126.	120	
		Overall Index Value	105.	100	
		Total Nitrogen, %	30.64	30	
		Available Phosphate, %	11.35	10	
		Soluble Potash, %	11.03	10	
	Crabgrass Preventer Plus Lawn Fertilizer		02N-05789		
		Commercial Value	82.9	72	
		Overall Index Value	115.	100	
		Total Nitrogen, %	24.36	21	
		Available Phosphate, %	3.12	3	
		Soluble Potash, %	3.57	3	
		Sulfur, %	3.49	2.5	
**	Miracle-Gro Water soluble All Purpose Plant Food 15-30-15		02N-07350		
		Commercial Value	149.	120	
		Overall Index Value	124.	100	
		Total Nitrogen, %	10.17	15	DEFICIENT
		Available Phosphate, %	50.66	30	
		Soluble Potash, %	18.00	15	
	Miracle Gro African Violet Plant Food		02N-07421		
		Commercial Value	45.2	42	
		Overall Index Value	108.	100	
		Total Nitrogen, %	7.84	7	
		Available Phosphate, %	7.44	7	
		Soluble Potash, %	6.84	7	
	Scotts 30-3-3		02N-07426		
		Commercial Value	101.	99	
		Overall Index Value	102.	100	
		Total Nitrogen, %	30.33	30	
		Available Phosphate, %	3.33	3	
		Soluble Potash, %	3.32	3	
	Scotts Winterizer 24-3-12		02N-12864		
		Commercial Value	94.2	90	
		Overall Index Value	105.	100	
		Total Nitrogen, %	24.41	24	
		Available Phosphate, %	3.61	3	
		Soluble Potash, %	13.71	12	
		Sulfur, %	10.29	10	
**	Miracid Pro Select Acid loving		02N-15293		
		Commercial Value	143.	120	
		Overall Index Value	119.	100	
		Total Nitrogen, %	36.46	30	DEFICIENT
		Available Phosphate, %	9.13	10	
		Soluble Potash, %	16.48	10	
	Miracle Gro Plant Food		02N-15294		
		Commercial Value	134.	120	
		Overall Index Value	112.	100	
		Total Nitrogen, %	17.71	15	
		Available Phosphate, %	32.79	30	
		Soluble Potash, %	15.39	15	

Manufacturer Location	Product	Analyte	Found	Claim
	Osmocote Slow Release		02N-15295	
		Commercial Value	50.1	45
		Iron, %	3.67	2
		Overall Index Value	111.	100
		Total Nitrogen, %	10.03	9
		Available Phosphate, %	6.68	6
		Soluble Potash, %	6.65	6
		Sulfur, %	25.74	18.7
	Miracle-Gro Azalea Camelia Rhododendron Plant Food		02N-17986	
		Commercial Value	125.	120
		Overall Index Value	105.	100
		Total Nitrogen, %	30.72	30
		Available Phosphate, %	11.46	10
		Soluble Potash, %	10.40	10
Scotts Miracle-Grow				
Port Washington, NY				
	Miracle Grow Tree and Shrub Spikes		02N-00759	
		Commercial Value	76.4	74
		Overall Index Value	103.	100
		Total Nitrogen, %	15.28	15
		Available Phosphate, %	10.66	10
		Soluble Potash, %	9.23	9
	Miracle-Gro Plant Spikes 6-12-6		02N-01816	
		Commercial Value	52.4	48
		Overall Index Value	109.	100
		Total Nitrogen, %	6.47	6
		Available Phosphate, %	13.27	12
		Soluble Potash, %	6.49	6
	Miracle Grow All Purpose Water Soluble Plant Food 15-30-15		02N-02221	
		Commercial Value	124.	120
		Overall Index Value	103.	100
		Total Nitrogen, %	15.19	15
		Available Phosphate, %	31.83	30
		Soluble Potash, %	14.72	15
	Miracle Grow 15-30-15 concentrated		02N-05788	
		Arsenic, ug/g (ppm)	<0.4	0
		Cadmium, ug/g (ppm)	<0.1	0
		Commercial Value	122.	120
		Overall Index Value	102.	100
		Total Nitrogen, %	14.67	15
		Available Phosphate, %	31.14	30
		Soluble Potash, %	15.56	15
		Lead, ug/g (ppm)	<0.2	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
	Miracle Gro-Houseplant food		02N-14967	
		Commercial Value	47.3	44
		Overall Index Value	108.	100
		Total Nitrogen, %	8.41	8
		Available Phosphate, %	7.85	7
		Soluble Potash, %	6.37	6
	Miracle Gro Spikes		02N-14968	
		Commercial Value	53.2	48
		Overall Index Value	111.	100
		Total Nitrogen, %	6.42	6
		Available Phosphate, %	13.28	12
		Soluble Potash, %	7.40	6

Manufacturer Location	Product	Analyte	Found	Claim	
	Miracle Gro Potting Mix		02N-14969		
		Commercial Value	2.6	0.78	
		Overall Index Value	327.	100	
		Total Nitrogen, %	0.61	0.18	
		Available Phosphate, %	0.25	0.06	
		Soluble Potash, %	0.23	0.12	
	Scotts Winterizer 24-3-12		02N-14970		
		Commercial Value	91.1	90	
		Overall Index Value	101.	100	
		Total Nitrogen, %	24.32	24	
		Available Phosphate, %	3.24	3	
		Soluble Potash, %	11.68	12	
SD Wheat Growers					
Willow Lake, SD					
	Custom blend fertilizer 24.47-12.2-18.4		02N-04031		
		Commercial Value	118.	116.21	
		Overall Index Value	102.	100	
		Total Nitrogen, %	25.58	24.47	
		Available Phosphate, %	11.72	12.2	
		Soluble Potash, %	18.09	18.4	
SD Wheatgrowers Assn					
Aberdeen, SD					
	Dry bulk fertilizer 28-28-0		02N-02919		
		Commercial Value	144.	140	
		Overall Index Value	103.	100	
		Total Nitrogen, %	29.22	28	
		Available Phosphate, %	28.38	28	
	Dry bulk fertilizer Urea 46-0-0		02N-05299		
		Total Nitrogen, %	46.52	46	
	** Dry bulk fertilizer DAP 18-46-0		02N-05300		
		Commercial Value	77.2	146	
		Overall Index Value	98.0	100	
		Total Nitrogen, %	14.72	18	DEFICIENT
		Available Phosphate, %	49.57	46	
	Dry bulk fertilizer MAP 11-52-0		02N-05301		
		Commercial Value	139.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	11.37	11	
		Available Phosphate, %	52.37	52	
	Liquid fertilizer 10-34-0		02N-05302		
		Commercial Value	101.	98	
		Overall Index Value	103.	100	
		Total Nitrogen, %	10.20	10	
		Available Phosphate, %	35.11	34	
	Liquid fertilizer 28-0-0		02N-05303		
		Total Nitrogen, %	27.96	28	
SD Wheatgrowers Assn					
Bath, SD					
	** Liquid fertilizer 10-34-0		02N-05097		
		Commercial Value	81.3	98	
		Overall Index Value	98.9	100	
		Total Nitrogen, %	10.53	10	
		Available Phosphate, %	32.74	34	DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim	
	Liquid fertilizer 10-34-0		02N-05306		
		Commercial Value	98.1	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	9.87	10	
		Available Phosphate, %	34.23	34	
	*** Liquid fertilizer 28-0-0		02N-05307		
		Total Nitrogen, %	25.88	28	DEFICIENT
SE Farmers Elevator					
Elk Point, SD					
	*** Custom blend fertilizer 14-35-15		02N-04530		
		Commercial Value	124.	127	
		Overall Index Value	97.4	100	DEFICIENT
		Total Nitrogen, %	13.55	14	
		Available Phosphate, %	33.93	35	DEFICIENT
		Soluble Potash, %	15.16	15	
	Custom blend fertilizer 32.35-13.48-6.74		02N-04531		
		Commercial Value	130.	130.75	
		Overall Index Value	99.4	100	
		Total Nitrogen, %	32.04	32.35	
		Available Phosphate, %	13.58	13.48	
		Soluble Potash, %	6.74	6.74	
	Custom blend fertilizer 34.02-13.09-5.23		02N-04535		
		Commercial Value	133.	133.47	
		Overall Index Value	99.9	100	
		Total Nitrogen, %	33.60	34.02	
		Available Phosphate, %	12.84	13.09	
		Soluble Potash, %	6.95	5.23	
	Custom blend fertilizer 31.27-12.49-9.37		02N-04536		
		Commercial Value	128.	128.16	
		Overall Index Value	100.	100	
		Total Nitrogen, %	31.30	31.27	
		Available Phosphate, %	12.14	12.49	
		Soluble Potash, %	10.19	9.37	
Solaris Group					
San Ramon, CA					
	Green Sweep 20-0-0		02N-01227		
		Total Nitrogen, %	20.75	20	
	Green Sweep Lawn Food 27-0-1		02N-01228		
		Commercial Value	82.5	82	
		Overall Index Value	101.	100	
		Total Nitrogen, %	27.17	27	
		Soluble Potash, %	1.03	1	
Southwest Grain					
Lemmon, SD					
	*** Custom blend fertilizer 10.36-30.58-13.60		02N-03946		
		Commercial Value	114.	105.84	
		Overall Index Value	107.	100	
		Total Nitrogen, %	11.68	10.36	
		Available Phosphate, %	34.68	30.58	
		Soluble Potash, %	9.46	13.6	
		Sulfur, %	6.22	4.44	DEFICIENT

Manufacturer Location	Product	Analyte	Found	Claim	
Spectrum Group-Div of United Industries					
St. Louis, MO					
	Peters Professional Super Blossom Booster Plant Food		02N-03932		
		Arsenic, ug/g (ppm)	0.7	0	
		Cadmium, ug/g (ppm)	<0.1	0	
		Commercial Value	148.	140	
		Overall Index Value	105.	100	
		Total Nitrogen, %	10.48	10	
		Available Phosphate, %	52.87	50	
		Soluble Potash, %	10.37	10	
		Lead, ug/g (ppm)	<0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.046	0	
	Peters All Purpose Plant Food 20-20-20		02N-04042		
		Commercial Value	123.	120	
		Overall Index Value	103.	100	
		Total Nitrogen, %	20.62	20	
		Available Phosphate, %	20.83	20	
		Soluble Potash, %	19.93	20	
Swiss Farm Products, Inc.					
Las Vegas, NV					
	*** KGRO Tomato Food 18-18-21		02N-07349		
		Commercial Value	69.2	117	
		Overall Index Value	108.	100	
		Total Nitrogen, %	21.01	18	
		Available Phosphate, %	18.51	18	
		Soluble Potash, %	19.43	21	DEFICIENT
Terra Nitrogen Corp					
Sioux City, IA					
	Liquid fertilizer 28-0-0		02N-04263		
		Total Nitrogen, %	27.89	28	
	Liquid fertilizer 28-0-0		02N-04836		
		Total Nitrogen, %	28.12	28	
	Liquid fertilizer 32-0-0		02N-05025		
		Total Nitrogen, %	32.21	32	
	*** Liquid fertilizer 28-0-0		02N-05030		
		Total Nitrogen, %	26.27	28	DEFICIENT
	Liquid fertilizer 28-0-0		02N-05050		
		Total Nitrogen, %	27.34	28	
	Liquid fertilizer 32-0-0		02N-05051		
		Total Nitrogen, %	31.19	32	
	Liquid fertilizer 28-0-0		02N-05098		
		Total Nitrogen, %	28.17	28	
	Liquid fertilizer Nitrogen 28-0-0		02N-05292		
		Total Nitrogen, %	27.96	28	
	*** Liquid fertilizer 32-0-0		02N-05393		
		Total Nitrogen, %	30.65	32	DEFICIENT
Tessengerlo Kerley, Inc.					
Billings, MT					
	Liquid Fertilizer Sulfur Tank 4/31 ThioSul 12-0-0-26S		02N-04977		
		Chlorine, %	<0.20	1	
		Total Nitrogen, %	11.90	12	
		Sulfur, %	26.99	26	

Manufacturer Location	Product	Analyte	Found	Claim
Tetra Micronutrients				
Woodlands, TX				
	Zinc 35.5%/S-17.5% (zinc)		02N-03230	
		Arsenic, ug/g (ppm)	0.7	0
		Cadmium, ug/g (ppm)	50.9	0
		Sulfur, %	16.78	17.5
		Zinc, %	34.69	35.5
		Lead, ug/g (ppm)	22.3	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	<0.045	0
	Zinc-Gro Maxi-Granular Sulfate Monohydrate 35.5% Zinc		02N-04358	
		Arsenic, ug/g (ppm)	<0.4	0
		Cadmium, ug/g (ppm)	1.3	0
		Sulfur, %	17.61	17.5
		Zinc, %	34.66	35.5
		Lead, ug/g (ppm)	1.2	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.060	0
Tiger Int.				
Calgary, Alberta, CN				
	Sulphur 90% Tiger 90CR		02N-03229	
		Sulfur, %	89.29	90
Tilbury Grain and Trucking Ltd.				
Melte Manitoba, CN				
	Dry bulk fertilizer Potash 0-0-60		02N-05045	
		Soluble Potash, %	59.59	60
	Bulk Dry Fertilizer 0-0-60		02N-16195	
		Soluble Potash, %	61.32	60
Truserv Corporation				
Chicago, IL				
	Green Thumb Weed and Feed 28-3-3		02N-01230	
		Commercial Value	94.4	93
		Overall Index Value	102.	100
		Total Nitrogen, %	27.67	28
		Available Phosphate, %	3.50	3
		Soluble Potash, %	4.42	3
	Green Thumb Weed & Feed		02N-14971	
		Commercial Value	99.4	93
		Overall Index Value	107.	100
		Total Nitrogen, %	29.70	28
		Available Phosphate, %	3.45	3
		Soluble Potash, %	3.43	3
UAP Fertilizer				
Catoosa, OK				
	Dry bulk fertilizer 46-0-0		02N-04835	
		Total Nitrogen, %	46.64	46
UAP Fertilizer				
Pekin, IL				
	Dry bulk fertilizer 46-0-0		02N-04257	
		Total Nitrogen, %	46.71	46
	Dry bulk fertilizer 46-0-0		02N-05034	
		Total Nitrogen, %	46.84	46

Manufacturer Location	Product	Analyte	Found	Claim	
UAP Midwest					
South Sioux City, NE					
	Dry bulk fertilizer 11-52-0		02N-04834		
		Arsenic, ug/g (ppm)	14.5	0	
		Cadmium, ug/g (ppm)	29.8	0	
		Commercial Value	141.	137	
		Overall Index Value	103.	100	
		Total Nitrogen, %	11.25	11	
		Available Phosphate, %	53.54	52	
		Lead, ug/g (ppm)	1.0	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	0.580	0	
UAP Midwest					
Wall Lake, IA					
	Dry bulk fertilizer Urea 46-0-0		02N-05202		
		Total Nitrogen, %	46.46	46	
UAP Northern Plains					
Sauk Centre, MN					
	Ag Fertilizer 19-19-19		02N-05312		
		Commercial Value	113.	114	
		Overall Index Value	99.5	100	
		Total Nitrogen, %	18.68	19	
		Available Phosphate, %	19.38	19	
		Soluble Potash, %	18.64	19	
United Horticulture Supply					
Greeley, CO					
	** United Hort. Supply Prof. Turf Products 31-3-12		02N-05109		
		Commercial Value	108.	111	
		Iron, %	1.85	1.4	
		Overall Index Value	97.7	100	DEFICIENT
		Total Nitrogen, %	29.26	31	DEFICIENT
		Available Phosphate, %	3.33	3	
		Soluble Potash, %	14.32	12	
		Sulfur, %	5.70	4.7	
United Suppliers Inc.					
Eldora, IA					
	Dry bulk fertilizer 46-0-0		02N-02281		
		Total Nitrogen, %	46.61	46	
	Dry bulk fertilizer 11-52-0		02N-02282		
		Commercial Value	139.	137	
		Overall Index Value	102.	100	
		Total Nitrogen, %	10.98	11	
		Available Phosphate, %	53.25	52	
	Dry bulk fertilizer 46-0-0		02N-05036		
		Total Nitrogen, %	46.82	46	
	Dry bulk fertilizer 18-46-0		02N-05355		
		Commercial Value	146.	146	
		Overall Index Value	100.	100	
		Total Nitrogen, %	17.54	18	
		Available Phosphate, %	46.90	46	
	Liquid fertilizer 28-0-0		02N-05365		
		Total Nitrogen, %	27.29	28	
	Ammonium Sulfate 21-0-0-24		02N-07208		
		Total Nitrogen, %	21.17	21	
		Sulfur, %	24.87	24	

Manufacturer Location	Product	Analyte	Found	Claim	
	Dry bulk fertilizer 0-0-60		02N-16346		
		Soluble Potash, %	60.12	60	
US Borax Inc					
Valencia, CA					
	20 Mule Team Granubor 15%		02N-03235		
		Arsenic, ug/g (ppm)	1.6	0	
		Cadmium, ug/g (ppm)	<0.1	0	
		Boron, %	15.40	15	
		Lead, ug/g (ppm)	<0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	<0.045	0	
Volga Ag Service					
Volga, SD					
	*** Custom blend fertilizer 8.01-32.28-17.55		02N-04944		
		Commercial Value	110.	106.14	
		Overall Index Value	104.	100	
		Total Nitrogen, %	7.99	8.01	
		Available Phosphate, %	35.52	32.28	
		Soluble Potash, %	14.91	17.55	DEFICIENT
Voluntary Purchasing Groups					
Bonham, TX					
	Ferti-Lome Fish Emulsion Fertilizer 5-1-1		02N-05149		
		Commercial Value	18.2	18	
		Overall Index Value	101.	100	
		Total Nitrogen, %	4.83	5	
		Available Phosphate, %	1.24	1	
		Soluble Potash, %	1.27	1	
	Ferti-Lome Blooming and Rooting 9-59-8		02N-05150		
		Arsenic, ug/g (ppm)	0.5	0	
		Cadmium, ug/g (ppm)	0.3	0	
		Commercial Value	154.	153	
		Overall Index Value	101.	100	
		Total Nitrogen, %	9.37	9	
		Available Phosphate, %	58.51	59	
		Soluble Potash, %	9.03	8	
		Lead, ug/g (ppm)	<0.2	0	
		Mercury, ug/g (ppm)	<0.10	0	
		Selenium, ug/g (ppm)	<0.045	0	
	Fertilome Root Stimulator and Plant Starter Solution		02N-12575		
		Commercial Value	37.4	35	
		Overall Index Value	107.	100	
		Total Nitrogen, %	4.22	4	
		Available Phosphate, %	10.76	10	
		Soluble Potash, %	3.27	3	
Wal Mart Stores Inc					
Bentonville, AR					
	Sams Choice Lawn Food 29-3-4		02N-02526		
		Chlorine, %	2.25	3.4	
		Commercial Value	108.	97	
		Iron, %	2.11	2	
		Overall Index Value	112.	100	
		Total Nitrogen, %	32.66	29	
		Available Phosphate, %	3.31	3	
		Soluble Potash, %	3.60	4	
		Sulfur, %	4.06	3.8	

Manufacturer Location	Product	Analyte	Found	Claim
Watertown Coop Elevator Watertown, SD				
	Custom blend fertilizer 28.33-29.03-0		02N-04247	
		Commercial Value	145.	143.05
		Overall Index Value	101.	100
		Total Nitrogen, %	28.32	28.33
		Available Phosphate, %	30.11	29.03
Weatherly Consumer Products Lexington, KY				
	Jobes Liquid Fertilizer for African Violets		02N-12574	
		Commercial Value	14.9	11
		Overall Index Value	135.	100
		Total Nitrogen, %	1.74	1
		Available Phosphate, %	3.65	3
		Soluble Potash, %	2.34	2
West Central Chemical Willmar, MN				
	Dry bulk fertilizer 11-52-0		02N-05399	
		Arsenic, ug/g (ppm)	10.3	0
		Cadmium, ug/g (ppm)	<0.1	0
		Commercial Value	143.	137
		Overall Index Value	105.	100
		Total Nitrogen, %	11.88	11
		Available Phosphate, %	53.82	52
		Lead, ug/g (ppm)	2.7	0
		Mercury, ug/g (ppm)	<0.10	0
		Selenium, ug/g (ppm)	0.069	0
	Dry bulk fertilizer 18-46-0		02N-05400	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.95	18
		Available Phosphate, %	46.75	46
Winona River & Rail Winona, MN				
	Dry bulk fertilizer Urea 46-0-0		02N-03844	
		Total Nitrogen, %	46.87	46

SECTION C:

REGULATORY

ANALYTE

TOTALS

Regulatory Analyte Totals

Fertilizers Samples	Units	Received From 1/1/2002 To 12/31/2002
Ammonia Nitrogen	mg/L (ppm)	2
Arsenic	ug/g (ppm)	36
Cadmium	ug/g (ppm)	36
Boron	%	1
Calcium	%	6
Chlorine	%	13
Commercial Value		273
Iron	%	15
Overall Index Value		273
Magnesium	%	4
Total Nitrogen	%	378
Available Phosphate	%	271
Soluble Potash	%	168
Sulfur	%	51
Zinc	%	9
Lead	ug/g (ppm)	36
Mercury	ug/g (ppm)	36
Oven Moisture	%	1
Nitrate Nitrogen	mg/L (ppm)	2
Total Nitrogen	mg/L (ppm)	2
Phosphorous	mg/L (ppm)	2
Potassium	mg/L (ppm)	1
Selenium	ug/g (ppm)	36
Soil Moisture	%	2
Total Nitrogen	ug/g (ppm)	2
Total Phosphorus	ug/g (ppm)	2
Potassium	ug/g (ppm)	1

SECTION D:

FERTILIZER

TONNAGE

SUMMARY

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2002 To December, 2002

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	2,323.19	1,613.06	664.42	45.70	2,323.19	0.00
0	0-0-7	1.00	1.00	0.00	0.00	0.00	1.00
0	0-0-13	0.88	0.88	0.00	0.00	0.00	0.88
0	0-0-16	0.05	0.00	0.05	0.00	0.00	0.05
0	0-0-22	80.00	0.00	80.00	0.00	80.00	0.00
0	0-0-25	43.77	0.00	33.00	10.77	43.77	0.00
0	0-0-30	2.72	0.00	0.00	2.72	2.72	0.00
0	0-0-32	484.44	0.00	0.00	484.44	484.44	0.00
0	0-0-45	2.10	1.05	1.05	0.00	0.00	2.10
0	0-0-61	135.00	0.00	135.00	0.00	135.00	0.00
0	0-0.01-0	15.74	0.00	15.74	0.00	0.00	15.74
0	0-0.1-0	1.23	0.00	1.23	0.00	0.00	1.23
0	0-36-13	1.00	1.00	0.00	0.00	1.00	0.00
0	0-51.5-34	24.00	24.00	0.00	0.00	24.00	0.00
0	0-52-0	277.68	0.00	0.00	277.68	277.68	0.00
0	0-52-34	16.49	16.49	0.00	0.00	16.49	0.00
0	0.04-0.01-0.	1.05	1.05	0.00	0.00	0.00	1.05
0	0.05-0.01-0.	3.93	3.93	0.00	0.00	0.00	3.93
0	0.05-0.02-0.	1.08	0.00	1.08	0.00	1.08	0.00
0	0.05-0.05-0.	152.40	152.40	0.00	0.00	0.00	152.40
0	0.07-0.01-0.	5.14	0.00	5.14	0.00	0.00	5.14
0	0.08-0.05-0.	29.25	0.00	29.25	0.00	0.00	29.25
0	0.1-0.05-0.1	96.85	96.85	0.00	0.00	0.00	96.85
0	0.13-0.04-0.	3.42	3.42	0.00	0.00	0.00	3.42
0	0.14-0.14-0.	337.37	337.37	0.00	0.00	0.00	337.37
0	0.16-0.1-0.1	50.34	50.34	0.00	0.00	0.00	50.34
0	0.18-0.1-0.1	9.92	9.92	0.00	0.00	0.00	9.92
0	0.8-0.1-0.1	16.80	16.80	0.00	0.00	0.00	16.80
0	1-11-0	0.25	0.25	0.00	0.00	0.00	0.25
0	1.3-0.35-0	314.00	0.00	314.00	0.00	314.00	0.00

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2002 To December, 2002

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	1.3-0.5-1.1	540.00	0.00	540.00	0.00	540.00	0.00
0	1.5-2.2-1.5	7.18	0.00	0.00	7.18	7.18	0.00
0	1.9-0.9-1.6	253.49	0.00	253.49	0.00	0.00	253.49
0	2-0-14	328.75	0.00	0.00	328.75	328.75	0.00
0	2-1-6	6.00	0.00	0.00	6.00	6.00	0.00
0	2-4-1	20.00	0.00	0.00	20.00	0.00	20.00
0	2-10-0	0.10	0.00	0.10	0.00	0.10	0.00
0	3-0-0	74.00	74.00	0.00	0.00	0.00	74.00
0	3-4-1	17.17	0.00	17.17	0.00	0.00	17.17
0	3-5-3	2.00	2.00	0.00	0.00	0.00	2.00
0	3-6-0	4.00	4.00	0.00	0.00	0.00	4.00
0	3-9-27	63.87	0.00	0.00	63.87	63.87	0.00
0	3-10-10	25.51	0.00	0.00	25.51	25.51	0.00
0	3-18-18	697.51	0.00	0.00	697.51	697.51	0.00
0	4-0-0	0.11	0.00	0.11	0.00	0.00	0.11
0	4-1-2	3.00	0.00	0.00	3.00	3.00	0.00
0	4-3-2	23.65	0.00	23.65	0.00	23.65	0.00
0	4-6-4	1.30	1.30	0.00	0.00	0.00	1.30
0	4-10-10	1,241.04	1.22	0.00	1,239.82	1,239.82	1.22
0	4-12-4	2.57	0.00	0.00	2.57	0.00	2.57
0	4-23-22	5.91	0.00	5.91	0.00	5.91	0.00
0	5-5-36	8.00	8.00	0.00	0.00	8.00	0.00
0	5-10-5	1.00	1.00	0.00	0.00	0.00	1.00
0	5-15-15	123.00	0.00	0.00	123.00	123.00	0.00
0	5-23-10	2.64	0.00	2.64	0.00	2.64	0.00
0	5-26-10	26.09	0.00	26.09	0.00	26.09	0.00
0	6-2-0	9.32	9.32	0.00	0.00	9.32	0.00
0	6-10-10	1.68	1.68	0.00	0.00	0.00	1.68
0	6-12-0	2.17	1.90	0.27	0.00	0.00	2.17
0	6-12-6	0.38	0.38	0.00	0.00	0.00	0.38

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2002 To December, 2002

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	6-24-6	594.18	0.00	6.11	588.07	594.18	0.00
0	6-24-24	0.08	0.08	0.00	0.00	0.08	0.00
0	6-26-31	100.00	0.00	100.00	0.00	100.00	0.00
0	6-28-9	4.81	0.00	4.81	0.00	4.81	0.00
0	6-28-28	154.00	0.00	154.00	0.00	154.00	0.00
0	6-29-14	9.01	0.00	9.01	0.00	9.01	0.00
0	6-30-10	50.00	0.00	50.00	0.00	50.00	0.00
0	6.1-17.8-8.9	26.42	0.00	0.00	26.42	26.42	0.00
0	7-0-0	15.77	0.00	0.00	15.77	15.77	0.00
0	7-7-7	0.18	0.00	0.00	0.18	0.00	0.18
0	7-17-2	32.29	0.00	0.00	32.29	32.29	0.00
0	7-21-7	1,605.53	0.00	0.00	1,605.53	1,605.53	0.00
0	7-34-6	24.28	0.00	24.28	0.00	24.28	0.00
0	7-34-20	25.02	0.00	0.00	25.02	25.02	0.00
0	7-36-13	2.00	2.00	0.00	0.00	2.00	0.00
0	8-0-0	0.24	0.24	0.00	0.00	0.00	0.24
0	8-4-4	0.16	0.05	0.00	0.11	0.00	0.16
0	8-7-6	0.83	0.00	0.00	0.83	0.00	0.83
0	8-12-4	6.08	1.68	0.00	4.40	0.00	6.08
0	8-18-18	0.10	0.10	0.00	0.00	0.00	0.10
0	8-19-3	97.32	0.00	0.00	97.32	97.32	0.00
0	8-20-0	52.31	0.00	0.00	52.31	52.31	0.00
0	8-20-4	491.91	0.00	1.00	490.91	491.91	0.00
0	8-20-5	2,165.81	0.00	98.31	2,067.50	2,165.81	0.00
0	8-21-4	139.00	0.00	0.00	139.00	139.00	0.00
0	8-21-5	62.73	0.00	0.00	62.73	62.73	0.00
0	8-24-0	99.36	0.00	0.00	99.36	99.36	0.00
0	8-32-17	8.00	0.00	8.00	0.00	8.00	0.00
0	9-0-0	7.45	7.45	0.00	0.00	7.45	0.00
0	9-9-6	0.71	0.71	0.00	0.00	0.00	0.71

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2002 To December, 2002

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	9-12-12	0.87	0.87	0.00	0.00	0.00	0.87
0	9-15-35	17.00	17.00	0.00	0.00	17.00	0.00
0	9-17-9	2.75	2.75	0.00	0.00	0.00	2.75
0	9-18-9	1,604.94	0.05	0.00	1,604.89	1,604.09	0.85
0	9-18-18	1.00	1.00	0.00	0.00	0.00	1.00
0	9-23-14	3.38	3.38	0.00	0.00	0.00	3.38
0	9-24-3	1,968.00	0.00	0.00	1,968.00	1,968.00	0.00
0	10-0-0	384.70	0.00	0.00	384.70	384.70	0.00
0	10-4-4	0.01	0.00	0.00	0.01	0.00	0.01
0	10-6-8	0.11	0.11	0.00	0.00	0.00	0.11
0	10-10-10	138.71	137.09	0.00	1.62	8.00	130.71
0	10-18-18	6.75	6.75	0.00	0.00	0.00	6.75
0	10-18-22	1.00	1.00	0.00	0.00	0.00	1.00
0	10-20-10	46.06	0.00	0.00	46.06	46.06	0.00
0	10-26-0	25.10	0.00	25.10	0.00	25.10	0.00
0	10-27-0	25.27	0.00	25.27	0.00	25.27	0.00
0	10-28-4	43.39	0.00	43.39	0.00	43.39	0.00
0	10-30-0	4,391.47	0.00	0.00	4,391.47	4,391.47	0.00
0	10-50-0	9,348.81	0.00	9,348.81	0.00	9,348.81	0.00
0	10-52-10	3.22	3.22	0.00	0.00	0.00	3.22
0	11-0-0	223.94	0.00	219.28	4.66	223.94	0.00
0	11-9-6	180.00	5.00	175.00	0.00	180.00	0.00
0	11-28-18	0.10	0.10	0.00	0.00	0.10	0.00
0	11-40-6	0.45	0.45	0.00	0.00	0.00	0.45
0	11-52-0	154.53	0.00	154.53	0.00	154.53	0.00
0	11-52-20	92.24	0.00	92.24	0.00	92.24	0.00
0	11-55-0	860.93	0.00	860.93	0.00	860.93	0.00
0	11-57-0	4.80	4.80	0.00	0.00	4.80	0.00
0	12-0-0	3.74	3.05	0.69	0.00	0.00	3.74
0	12-4-8	1.46	0.45	0.00	1.01	0.00	1.46

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	12-4-12	0.21	0.00	0.00	0.21	0.00	0.21
0	12-6-6	1.77	1.77	0.00	0.00	0.00	1.77
0	12-10-10	1.12	1.12	0.00	0.00	0.00	1.12
0	12-12-4	0.50	0.50	0.00	0.00	0.00	0.50
0	12-12-12	13.58	13.58	0.00	0.00	0.00	13.58
0	12-16-4	0.60	0.60	0.00	0.00	0.00	0.60
0	12-22-14	55.00	55.00	0.00	0.00	0.00	55.00
0	12-24-12	1.13	1.13	0.00	0.00	0.00	1.13
0	12-24-24	2.00	2.00	0.00	0.00	2.00	0.00
0	12-28-12	1.00	1.00	0.00	0.00	1.00	0.00
0	12-44-10	11.58	11.58	0.00	0.00	11.58	0.00
0	12-52-0	614.38	0.00	614.38	0.00	614.38	0.00
0	13-0-0	69.13	0.00	0.00	69.13	69.13	0.00
0	13-2-13	3.38	3.38	0.00	0.00	0.00	3.38
0	13-2-26	3.00	2.00	1.00	0.00	0.00	3.00
0	13-4-5	0.06	0.06	0.00	0.00	0.00	0.06
0	13-13-13	1.55	1.55	0.00	0.00	1.24	0.32
0	13-33-0	96.48	0.00	96.48	0.00	96.48	0.00
0	14-0-14	4.48	4.48	0.00	0.00	0.00	4.48
0	14-3-3	2.45	0.00	2.45	0.00	0.00	2.45
0	14-7-7	0.45	0.45	0.00	0.00	0.00	0.45
0	14-14-14	2.80	2.80	0.00	0.00	0.00	2.80
0	14-28-10	0.85	0.85	0.00	0.00	0.00	0.85
0	14-36-13	2.00	2.00	0.00	0.00	2.00	0.00
0	15-0-0	1.70	0.00	0.00	1.70	1.70	0.00
0	15-0-5	0.05	0.00	0.00	0.05	0.00	0.05
0	15-0-30	2.25	2.25	0.00	0.00	0.00	2.25
0	15-3-5	3.38	3.38	0.00	0.00	0.00	3.38
0	15-5-13	0.45	0.45	0.00	0.00	0.00	0.45
0	15-7-7	0.02	0.02	0.00	0.00	0.00	0.02

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	15-10-9	1.00	1.00	0.00	0.00	0.00	1.00
0	15-15-0	28.78	0.00	28.78	0.00	28.78	0.00
0	15-25-10	20.00	20.00	0.00	0.00	0.00	20.00
0	15-30-15	44.20	44.20	0.00	0.00	0.18	44.02
0	16-0-0	0.13	0.00	0.13	0.00	0.13	0.00
0	16-2-2	81.89	0.00	0.00	81.89	81.89	0.00
0	16-2-3	0.45	0.00	0.45	0.00	0.00	0.45
0	16-10-9	0.01	0.01	0.00	0.00	0.00	0.01
0	16-16-16	33.00	33.00	0.00	0.00	33.00	0.00
0	16-20-0	6.08	0.00	6.08	0.00	0.00	6.08
0	16-22-22	1.58	1.58	0.00	0.00	1.58	0.00
0	16-25-12	21.49	1.13	20.36	0.00	0.00	21.49
0	17-3-17	1.00	0.00	1.00	0.00	0.00	1.00
0	17-5-11	0.05	0.05	0.00	0.00	0.00	0.05
0	17-18-0	100.91	0.00	0.00	100.91	100.91	0.00
0	18-0-18	1.53	1.13	0.40	0.00	0.00	1.53
0	18-2-5	2.00	2.00	0.00	0.00	0.00	2.00
0	18-3-7	4.50	4.50	0.00	0.00	0.00	4.50
0	18-3-15	23.00	23.00	0.00	0.00	0.00	23.00
0	18-3-18	2.25	2.25	0.00	0.00	0.00	2.25
0	18-3.6-1.8	360.00	0.00	0.00	360.00	360.00	0.00
0	18-4-8	21.00	21.00	0.00	0.00	21.00	0.00
0	18-4-18	3.00	3.00	0.00	0.00	0.00	3.00
0	18-5-9	6.60	6.60	0.00	0.00	0.00	6.60
0	18-5-10	26.10	26.10	0.00	0.00	26.10	0.00
0	18-6-12	62.24	62.24	0.00	0.00	0.00	62.24
0	18-6-15	0.53	0.53	0.00	0.00	0.00	0.53
0	18-8-12	25.70	25.70	0.00	0.00	25.70	0.00
0	18-8-15	98.00	98.00	0.00	0.00	0.00	98.00
0	18-8-18	28.50	28.50	0.00	0.00	0.00	28.50

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	18-9-9	2.50	2.50	0.00	0.00	0.00	2.50
0	18-9-18	25.71	18.00	7.71	0.00	0.00	25.71
0	18-11-16	0.68	0.00	0.68	0.00	0.00	0.68
0	18-18-2	247.74	0.00	0.00	247.74	247.74	0.00
0	18-18-21	3.24	3.24	0.00	0.00	0.00	3.24
0	18-22-6	6.00	6.00	0.00	0.00	6.00	0.00
0	18-22-8	0.27	0.00	0.27	0.00	0.00	0.27
0	18-23-4	6.00	0.00	6.00	0.00	0.00	6.00
0	18-24-6	5.00	5.00	0.00	0.00	5.00	0.00
0	18-24-10	4.59	4.59	0.00	0.00	0.00	4.59
0	18-24-12	3.38	3.38	0.00	0.00	0.00	3.38
0	18-24-16	1.76	1.76	0.00	0.00	0.00	1.76
0	19-2-15	1.00	0.00	1.00	0.00	0.00	1.00
0	19-3-6	18.00	18.00	0.00	0.00	0.00	18.00
0	19-3-19	5.21	0.00	5.21	0.00	0.00	5.21
0	19-5-5	2.00	2.00	0.00	0.00	0.00	2.00
0	19-6-12	2.93	2.93	0.00	0.00	0.00	2.93
0	19-19-0	40.21	0.00	40.21	0.00	40.21	0.00
0	19-19-19	1.39	1.39	0.00	0.00	1.00	0.39
0	19-25-5	4.10	2.00	2.10	0.00	0.00	4.10
0	19-26-0	6.00	0.00	6.00	0.00	6.00	0.00
0	20-0-0	3.33	0.00	0.00	3.33	0.00	3.33
0	20-0-10	1.00	0.00	1.00	0.00	0.00	1.00
0	20-2-5	0.63	0.63	0.00	0.00	0.63	0.00
0	20-2-6	6.75	6.75	0.00	0.00	0.00	6.75
0	20-3-3	15.75	15.75	0.00	0.00	0.00	15.75
0	20-3-5	1.00	0.00	1.00	0.00	0.00	1.00
0	20-4-10	12.95	12.95	0.00	0.00	0.00	12.95
0	20-4-12	1.13	1.13	0.00	0.00	0.00	1.13
0	20-5-5	0.42	0.42	0.00	0.00	0.00	0.42

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 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	20-5-20	1.13	1.13	0.00	0.00	0.00	1.13
0	20-6-12	32.18	32.18	0.00	0.00	32.18	0.00
0	20-7-5	0.88	0.88	0.00	0.00	0.88	0.00
0	20-10-0	39.31	0.00	0.00	39.31	39.31	0.00
0	20-10-5	35.72	25.65	10.07	0.00	16.43	19.29
0	20-10-10	4.00	4.00	0.00	0.00	4.00	0.00
0	20-12-8	1.00	1.00	0.00	0.00	0.00	1.00
0	20-14-12	59.78	59.78	0.00	0.00	59.78	0.00
0	20-20-10	1.00	1.00	0.00	0.00	1.00	0.00
0	20-20-20	31.49	18.99	0.00	12.50	12.50	18.99
0	20-24-0	18.15	0.00	18.15	0.00	18.15	0.00
0	20-27-5	24.06	4.42	19.64	0.00	0.00	24.06
0	20.5-0-0	1,320.64	0.00	1,320.64	0.00	1,320.64	0.00
0	21-0-0	583.05	0.00	58.43	524.62	583.05	0.00
0	21-0-10	3.56	3.56	0.00	0.00	3.56	0.00
0	21-0-20	0.94	0.00	0.94	0.00	0.00	0.94
0	21-2-10	0.75	0.75	0.00	0.00	0.75	0.00
0	21-3-3	30.01	0.00	30.01	0.00	0.00	30.01
0	21-3-20	14.00	0.00	14.00	0.00	0.00	14.00
0	21-28-7	2.25	2.25	0.00	0.00	0.00	2.25
0	22-0-0	1.28	1.28	0.00	0.00	1.28	0.00
0	22-0-6	44.80	42.80	2.00	0.00	40.80	4.00
0	22-0-22	11.00	11.00	0.00	0.00	0.25	10.75
0	22-3-8	15.25	15.25	0.00	0.00	0.00	15.25
0	22-3-14	30.59	4.84	25.75	0.00	0.00	30.59
0	22-4-4	0.25	0.00	0.25	0.00	0.00	0.25
0	22-4-11	33.85	4.80	29.05	0.00	0.00	33.85
0	22-4-14	2.88	0.00	2.88	0.00	0.00	2.88
0	22-5-10	1.63	1.63	0.00	0.00	1.63	0.00
0	22-8-14	17.10	17.10	0.00	0.00	17.10	0.00

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2002 To December, 2002

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	22-22-13	6.38	6.38	0.00	0.00	6.38	0.00
0	23-0-13	1.00	0.00	1.00	0.00	0.00	1.00
0	23-2-5	1.22	1.22	0.00	0.00	1.22	0.00
0	23-3-8	134.13	134.13	0.00	0.00	0.14	134.00
0	24-0-0	230.88	0.00	0.00	230.88	230.88	0.00
0	24-2-3	4.27	0.00	0.00	4.27	4.27	0.00
0	24-3-10	1.80	1.80	0.00	0.00	0.00	1.80
0	24-3-12	93.82	0.00	93.82	0.00	0.00	93.82
0	24-5-10	7.20	6.25	0.95	0.00	6.20	1.00
0	24-6-18	0.40	0.40	0.00	0.00	0.40	0.00
0	24-15-0	11.83	0.00	11.83	0.00	11.83	0.00
0	25-0-8	5.00	5.00	0.00	0.00	5.00	0.00
0	25-0-12	1.22	1.22	0.00	0.00	1.12	0.10
0	25-2-8	1.08	0.00	1.08	0.00	0.00	1.08
0	25-2-9	1.13	1.13	0.00	0.00	0.00	1.13
0	25-2-12	12.38	12.38	0.00	0.00	0.00	12.38
0	25-3-3	48.40	48.40	0.00	0.00	46.12	2.28
0	25-3-5	0.50	0.50	0.00	0.00	0.50	0.00
0	25-3-8	119.00	119.00	0.00	0.00	119.00	0.00
0	25-3-9	1.07	0.00	1.07	0.00	0.00	1.07
0	25-3-10	82.50	82.50	0.00	0.00	0.00	82.50
0	25-4-8	3.00	3.00	0.00	0.00	0.00	3.00
0	25-4-12	0.88	0.00	0.88	0.00	0.00	0.88
0	25-5-5	5.19	5.19	0.00	0.00	0.00	5.19
0	25-5-12	2.25	2.25	0.00	0.00	0.00	2.25
0	25-5-15	183.75	183.75	0.00	0.00	0.50	183.25
0	25-10-10	2.42	0.00	2.42	0.00	0.00	2.42
0	25-13-0	3.95	0.00	3.95	0.00	3.95	0.00
0	26-0-0	0.63	0.00	0.00	0.63	0.63	0.00
0	26-3-4	349.00	349.00	0.00	0.00	0.00	349.00

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 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	26-3-6	5.29	0.00	5.29	0.00	0.00	5.29
0	26-3-8	6.55	6.55	0.00	0.00	6.55	0.00
0	26-3-11	4.00	0.00	4.00	0.00	0.00	4.00
0	26-4-6	15.00	0.00	15.00	0.00	0.00	15.00
0	26-10-0	12.55	0.00	12.55	0.00	12.55	0.00
0	26-11-0	18.02	0.00	18.02	0.00	18.02	0.00
0	26-14-14	20.00	20.00	0.00	0.00	20.00	0.00
0	27-0-0	2,412.00	0.00	0.00	2,412.00	2,412.00	0.00
0	27-0-1	0.73	0.00	0.00	0.73	0.00	0.73
0	27-0-8	10.80	0.00	10.80	0.00	0.00	10.80
0	27-3-3	39.00	39.00	0.00	0.00	39.00	0.00
0	27-3-4	0.09	0.00	0.09	0.00	0.00	0.09
0	27-3-6	0.30	0.30	0.00	0.00	0.00	0.30
0	27-3-11	42.13	42.13	0.00	0.00	0.00	42.13
0	27-4-4	70.14	0.00	70.14	0.00	0.00	70.14
0	27-5-8	1.20	1.20	0.00	0.00	0.00	1.20
0	28-0-0	281.37	0.00	0.00	281.37	281.37	0.00
0	28-2-4	3.12	3.12	0.00	0.00	0.00	3.12
0	28-3-3	133.27	71.88	61.39	0.00	0.00	133.27
0	28-3-4	231.57	228.69	2.88	0.00	0.14	231.43
0	28-3-8	3.27	0.00	3.27	0.00	0.00	3.27
0	28-3-10	97.88	97.88	0.00	0.00	0.00	97.88
0	28-4-6	2.70	0.00	2.70	0.00	0.00	2.70
0	28-5-10	8.00	8.00	0.00	0.00	8.00	0.00
0	28-8-10	21.12	21.12	0.00	0.00	0.00	21.12
0	28-28-0	116.34	0.00	116.34	0.00	116.34	0.00
0	28-28-2	2.02	0.00	2.02	0.00	2.02	0.00
0	28-28-12	24.05	0.00	24.05	0.00	24.05	0.00
0	29-2-3	3.05	1.20	1.85	0.00	0.00	3.05
0	29-2-5	3.51	3.51	0.00	0.00	0.00	3.51

DETAIL FERTILIZER SUMMARY
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
 From January, 2002 To December, 2002

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	29-3-3	117.88	8.76	109.12	0.00	0.00	117.88
0	29-3-4	96.95	42.96	53.99	0.00	0.00	96.95
0	30-0-10	3.00	3.00	0.00	0.00	0.00	3.00
0	30-0-12	15.00	15.00	0.00	0.00	0.00	15.00
0	30-0-15	8.00	8.00	0.00	0.00	0.00	8.00
0	30-3-3	105.15	20.80	84.35	0.00	0.00	105.15
0	30-3-4	31.79	1.47	30.32	0.00	0.45	31.34
0	30-7-10	38.00	38.00	0.00	0.00	38.00	0.00
0	30-10-10	11.70	11.54	0.16	0.00	2.66	9.04
0	31-0-0	44.28	0.00	43.85	0.43	44.28	0.00
0	31-0-17	0.50	0.50	0.00	0.00	0.50	0.00
0	31-3-8	1.85	0.00	1.85	0.00	0.00	1.85
0	31-3-9	48.40	3.55	44.85	0.00	0.00	48.40
0	31-3-10	13.36	0.00	13.36	0.00	0.00	13.36
0	31-3-12	0.38	0.38	0.00	0.00	0.38	0.00
0	32-0-0	60.30	0.00	60.30	0.00	60.30	0.00
0	32-3-5	12.38	12.38	0.00	0.00	0.00	12.38
0	32-3-6	4.00	0.00	4.00	0.00	0.00	4.00
0	32-3-8	10.82	0.00	10.82	0.00	0.00	10.82
0	32-3-10	38.38	25.88	12.50	0.00	0.00	38.38
0	32-4-6	8.00	0.00	8.00	0.00	0.00	8.00
0	32-7-7	23.00	23.00	0.00	0.00	23.00	0.00
0	33-0-0	9.00	0.00	9.00	0.00	0.00	9.00
0	33-0-10	1.00	1.00	0.00	0.00	0.00	1.00
0	33-3-6	12.41	4.50	7.91	0.00	0.00	12.41
0	33-3-10	10.00	10.00	0.00	0.00	0.00	10.00
0	34-3-7	2.60	2.60	0.00	0.00	2.60	0.00
0	34-7-7	2.58	2.58	0.00	0.00	2.58	0.00
0	34.5-11-5	101.00	0.00	101.00	0.00	101.00	0.00
0	35-0-15	15.00	15.00	0.00	0.00	0.00	15.00

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0	35-4-10	8.00	8.00	0.00	0.00	8.00	0.00
0	35-18-0	671.65	0.00	671.65	0.00	671.65	0.00
0	35-18-8	54.11	0.00	54.11	0.00	54.11	0.00
0	36-3-4	25.41	0.51	24.90	0.00	0.00	25.41
0	36-3-7	23.00	0.00	23.00	0.00	0.00	23.00
0	36-6-6	3.16	3.16	0.00	0.00	0.00	3.16
0	36-15-0	1.18	1.18	0.00	0.00	1.18	0.00
0	37-0-0	21.38	21.38	0.00	0.00	0.00	21.38
0	37-15-0	9.00	9.00	0.00	0.00	9.00	0.00
0	38-0-0	12.30	12.30	0.00	0.00	0.00	12.30
0	39-0-0	2.92	0.93	2.00	0.00	2.00	0.93
0	40-0-0	18.48	18.48	0.00	0.00	18.48	0.00
0	50-10-0	205.85	0.00	205.85	0.00	205.85	0.00
0	72-0-0	7.54	0.00	7.54	0.00	7.54	0.00
2	82-0-0	24,248.47	0.00	78.01	24,170.46	24,248.47	0.00
10	34-0-0	873.88	75.92	797.96	0.00	855.64	18.24
24	21-0-0	14,072.71	7.22	14,065.49	0.00	14,072.71	0.00
29	33.5-0-0	245.73	0.00	245.73	0.00	245.73	0.00
29	34-0-0	29.01	0.00	29.01	0.00	29.01	0.00
31	12-0-0	3,398.80	1.24	289.13	3,108.43	3,398.80	0.00
54	15-0-0	39.32	0.00	0.00	39.32	39.32	0.00
58	28-0-0	115,915.70	0.00	0.00	115,915.70	115,915.70	0.00
59	30-0-0	5,292.38	0.00	0.00	5,292.38	5,292.38	0.00
60	32-0-0	35,884.29	0.00	0.00	35,884.29	35,884.29	0.00
62	16-0-0	1.00	0.00	1.00	0.00	1.00	0.00
66	46-0-0	538,491.17	846.76	536,806.14	838.26	538,485.17	6.00
68	38-0-0	2.63	2.63	0.00	0.00	0.63	2.00
203	18-46-0	150,112.51	251.48	149,237.41	623.62	149,923.85	188.66
207	16-20-0	103.04	0.00	103.04	0.00	103.04	0.00
209	11-52-0	128,588.81	98.68	128,462.99	27.14	128,511.93	76.88

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 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
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243	0-3-0	104.76	0.00	104.76	0.00	104.76	0.00
249	10-34-0	65,435.84	0.00	0.00	65,435.84	65,435.84	0.00
267	0-46-0	2,519.31	0.00	2,519.31	0.00	2,519.31	0.00
273	0-68-0	4,267.52	0.00	0.00	4,267.52	4,267.52	0.00
428	0-0-60	49,008.13	91.63	48,807.86	108.65	49,008.13	0.00
430	0-0-62	3,553.37	12.94	3,123.72	416.71	3,551.99	1.38
443	0-0-22	9.75	0.00	9.75	0.00	9.75	0.00
453	13-0-44	21.00	0.00	21.00	0.00	21.00	0.00
463	0-0-50	214.43	77.43	137.00	0.00	137.00	77.43
613	2-2-1	1,920.14	0.00	1,920.14	0.00	1,920.14	0.00
649	0.5-0.5-0.5	10.80	0.00	10.80	0.00	10.80	0.00
652	1.9-0.2-0.2	20.00	0.00	20.00	0.00	20.00	0.00
706	0-0-0	21.10	11.40	9.70	0.00	21.10	0.00
720	0-0-0	0.06	0.03	0.03	0.00	0.06	0.00
722	0-0-0	0.01	0.00	0.00	0.01	0.01	0.00
726	0-0-0	2.00	0.00	0.00	2.00	2.00	0.00
728	0-0-0	1.00	0.00	1.00	0.00	1.00	0.00
730	0-0-0	0.05	0.00	0.05	0.00	0.05	0.00
732	0-0-0	6,025.18	8.00	6,017.18	0.00	6,025.18	0.00
733	0-0-0	0.04	0.00	0.04	0.00	0.04	0.00
734	0-0-0	49.60	0.00	0.00	49.60	49.60	0.00
736	0-0-0	47.50	0.00	0.00	47.50	47.50	0.00
749	0-0-0	0.04	0.00	0.04	0.00	0.04	0.00
754	0-0-0	6.88	6.00	0.88	0.00	6.88	0.00
770	0-0-0	1,273.69	172.66	1,047.40	53.62	1,273.69	0.00
782	0-0-0	991.49	545.27	446.22	0.00	991.49	0.00
783	0-0-0	34.11	5.97	0.00	28.14	34.11	0.00
784	0-0-0	8.53	0.00	2.00	6.53	8.53	0.00
797	0-0-0	523.22	25.70	483.49	14.03	523.22	0.00
798	0-0-0	1.00	0.00	1.00	0.00	1.00	0.00

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798	13-0-0	13.00	0.00	13.00	0.00	13.00	0.00
907	0-0-0	2,759.11	0.00	2,759.11	0.00	2,759.11	0.00
908	0-0-0	957.64	0.00	957.64	0.00	957.64	0.00
910	0-0-0	702.45	0.00	702.45	0.00	702.45	0.00
978	0-0-0	0.50	0.00	0.50	0.00	0.50	0.00
990	0-0-0	255.08	0.00	255.08	0.00	255.08	0.00
998	0-3-2	709.31	0.00	709.31	0.00	709.31	0.00
TOTALS		1,203,512.04	7,589.04	918,172.85	277,750.15	1,198,926.3	4,585.74

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

Totals of grades Less Than 0 tons.

GRAND TOTAL:	1,204,541.50
GRAND TOTAL FOR BAG:	7,589.04
GRAND TOTAL FOR	919,202.31
GRAND TOTAL FOR	277,750.15
LIQUID:	
GRAND TOTAL FOR	1,199,946.16
FARM:	
GRAND TOTAL FOR	4,595.34