

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

**JANUARY 2005**

**TO**

**DECEMBER 2005**

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# **2005 COMMERCIAL FERTILIZER ANNUAL REPORT**

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

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

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SECTION A:

SAMPLE

COUNT

REPORT

# Sample Count Report

Fertilizers Sampled From 1/1/2005 To 12/31/2005

Manufacturer and Location	Sample	Passed	Not
2000 Scotts Miracle-Gro Marysville OH	1	1	0
2001 Schultz Company Bridgeton MO	1	0	1
A.H. Hoffman, Inc. Lancaster NY	2	1	1
Ag First Farmers Coop Brookings SD	1	1	0
Agriliance Worthing SD	1	1	0
Agriliance LLC Minneapolis MN	1	1	0
Agriliance LLC Watertown SD	8	7	1
Agriliance, LLC St. Paul MN	23	18	5
Agriliance-Worthing Worthing SD	1	0	1
Agrium Soda Springs ID	1	1	0
Agrium U.S. Inc. Calgary Alberta CN	4	4	0
Agrium U.S., Inc Denver CO	12	9	3
Agrium US Inc. Epco ID	1	1	0
Alcester Fertilizer Alcester SD	2	2	0
American Plant Food Galena Park TX	1	1	0
Andersons (The) Lawn Fert Div Maumee OH	1	1	0
Bay Zinc Company Inc. Moxee WA	2	1	1
Bayer Advanced LLC Birmingham AL	1	1	0
BCA Products Sleepy Eye MN	2	1	1
Bonide Products, Inc. Oriskany NY	1	1	0
Calcium Products Ft. Dodge IA	1	1	0
Cargill Fertilizer Belle Plaine, SK CA	1	1	0
Cavour Farmers Elevator Yale SD	1	1	0
Cenex Flandreau SD	2	2	0
Cenex of Woonsocket Woonsocket SD	1	1	0
Centerville Ag Centerville SD	1	0	1
CF Industries Inc Long Grove IL	5	5	0
CF Industries, Inc. Lake Zurich IL	2	2	0
Chemsico St. Louis MO	3	3	0
Con Agra St. Paul MN	1	1	0
Con Agra Int'l Fertilizer Savannah GA	1	1	0
Con Agra International Fertilizer East Peoria IL	4	4	0
ConAgra International Sioux City IA	3	1	2
Cone Ag Service Pierre SD	2	2	0
Conklin Co. Shakopee MN	1	1	0
Dakota Fertilizer & Chemical Canton SD	3	2	1
Dakota Gasification Company Beulah ND	10	10	0
Dakota Mill & Grain Belle Fourche SD	2	1	1
Dakota Plains Ag Center LLC Parkston SD	23	23	0

Manufacturer and Location			Sample	Passed	Not
DeBoer Ag Service	Oral	SD	1	1	0
Dell Rapids Coop Grain	Dell Rapids	SD	2	2	0
Domestic Fertilizer Inc	Paris	KY	1	1	0
Dow Agrosiences LLC	Indianapolis	IN	1	1	0
Dyno Nobel	Salt Lake City	UT	1	1	0
Eastern Farmers Coop	Garretson	SD	1	1	0
Eastern Farmers Coop-Garretson	Garretson	SD	3	2	1
Eastern Farmers Coop-Worthing Ag	Worthing	SD	14	13	1
Easy Gardener	Waco	TX	2	2	0
Eau Claire Coop Oil Company	Eau Claire	WI	2	1	1
Estelline Coop Grain	Estelline	SD	6	6	0
Farmers Elevator Co. of Humboldt	Humboldt	SD	1	1	0
Farmers Plant Food Inc	Garretson	SD	14	11	3
Farmers Plant Food Inc	Wolsey	SD	4	4	0
Fremar Agronomy	Marion	SD	3	3	0
Fremar Farmers Coop Inc	Marion	SD	3	3	0
Gubler	Landers	CA	1	1	0
Haifa Nutritech	Altamonte Springs	FL	2	2	0
Howard Johnsons Enterprises Inc	Milwaukee	WI	5	1	4
IMC USA Inc.	Lake Forest	IL	3	2	1
Ironite Products Company	Scottsdale	AZ	2	2	0
Johnsons Ranchers Supply Inc	Wall	SD	2	2	0
JRM	Cleveland	OH	1	1	0
JRS Rock Springs	Rock Springs	WY	2	2	0
Koch Nitrogen Company	Sergeant Bluff	IA	1	1	0
Lake Andes Coop			1	1	0
Lebanon Seaboard Corp	Lebanon	PA	4	4	0
Martin Resources	Seneca	IL	1	1	0
Midwest Cooperatives	Onida	SD	1	1	0
Midwest Cooperatives	Philip	SD	1	1	0
Midwest Cooperatives	Pierre	SD	5	5	0
Milorganite Division-MMSD	Milwaukee	WI	1	1	0
Mosaic	Minneapolis	MN	4	4	0
Mosaic Crop Nutrition, LLC	Riverview	FL	3	3	0
Mosaic Crop Nutrition, LLC	Savage	MN	1	1	0
Mosaic Phosphates Co.	Lake Forest	IL	4	4	0
Nutra-Flo Company	Sioux City	IA	12	9	3
Oldcastle Store Products	Easton	PA	1	1	0
PBI Gordon Corp.	Kansas City	MO	1	1	0
PCS Sales Inc.	Rocanville	SK	1	1	0
Plains Ag Service	Elk Point	SD	3	3	0
Potash Corp.	Rocanville,		1	1	0
Prescription Agronomics	Ipswich	SD	1	0	1
PSC Sales	Saskatchewan,		1	1	0

<b>Manufacturer and Location</b>			<b>Sample</b>	<b>Passed</b>	<b>Not</b>
Ramsdell F & M Ltd	Flandreau	SD	4	0	4
Saskferco	Belle Plaine, Sask.	CN	6	6	0
Schultz Company	Bridgeton	MO	8	8	0
Scotts Company	Marysville	OH	8	8	0
Scotts Miracle Gro	Marysville	OH	6	6	0
Scotts Miracle-Grow	Port Washington	NY	1	1	0
Scotts Sierra Horticulture	Marysville	OH	2	2	0
SD Wheat Growers	Wolsey	SD	4	4	0
SD Wheatgrowers	Roscoe	SD	1	0	1
SD Wheatgrowers Assn	Aberdeen	SD	1	1	0
SD Wheatgrowers Assn	Bristol	SD	7	4	3
SD Wheatgrowers Assn	Huron	SD	12	9	3
Simplot Canada Limited	Brandon MB		1	1	0
Simplot Grower Solutions	Beresford	SD	1	1	0
Spectrum Group-Div of United	St. Louis	MO	1	1	0
Terra Nitrogen Corp	Sioux City	IA	6	6	0
Tessengerlo Kerley Inc	Phoenix	AZ	1	1	0
The Espoma Co.	Millville	NJ	2	2	0
The Scotts Company	Marysville	OH	8	8	0
United Horticultural Supply	Fremont	NE	1	1	0
United Suppliers Inc.	Eldora	IA	8	8	0
Valley Springs Farmers Coop	Valley Springs	SD	3	2	1
Voluntary Purchasing Groups, Inc.	Bonham	TX	10	8	2
Voluntary Purchasing Grps. Inc.	Bonham	TX	11	8	3
Watertown Coop Elevator	Watertown	SD	3	2	1
West Central Inc.	St. Paul	MN	1	1	0
West Central Inc.	Willmar	MN	1	1	0
Western Consolidated Coop	Holloway	MN	1	1	0
Wilbur-Ellis - Minot	Yakima	WA	1	1	0
Winona River & Rail	Winona	MN	1	1	0
Yale Farmers Coop Elevator	Cavour	SD	1	1	0
<b>Totals:</b>			<b>386</b>	<b>330</b>	<b>56</b>

**Percent Passed:** 85.5%

**Percent Not** 14.5%

SECTION B:

SAMPLE

REPORT

SUMMARY



Manufacturer Location	Product	Analyte	Found	Claim
<b>2000 Scotts Miracle-Gro Marysville, OH</b>				
	<b>Miracle-Gro All Purpose Plant Food 15-30-15</b>		<b>05N-05781</b>	
		Commercial Value	126.	120
		Overall Index Value	105.	100
		Total Nitrogen, %	16.37	15
		Available Phosphate, %	30.68	30
		Soluble Potash, %	15.52	15
<b>2001 Schultz Company Bridgeton, MO</b>				
	<b>** Schultz Expert Gardener All Purpose Plant Food</b>		<b>05N-05784</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	0.2	
		Commercial Value	139.	140
		Overall Index Value	99.5	100
		Total Nitrogen, %	20.12	20
		Available Phosphate, %	30.08	30
		Soluble Potash, %	18.73	20
		DEFICIENT		
		Lead, ug/g (ppm)	<1.0	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	4.4	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	558.	
<b>A.H. Hoffman, Inc. Lancaster, NY</b>				
	<b>Hoffman Garden Gypsum</b>		<b>05N-01440</b>	
		Calcium, %	24.50	19
		Sulfur, %	22.07	15
	<b>** Garden Fertilizer 5-10-5</b>		<b>05N-06559</b>	
		Calcium, %	13.87	12
		Commercial Value	49.9	40
		Overall Index Value	125.	100
		Magnesium, %	7.63	6
		Total Nitrogen, %	6.56	5
		Available Phosphate, %	12.64	10
		Soluble Potash, %	4.95	5
		Sulfur, %	0.39	1
		DEFICIENT		
<b>Ag First Farmers Coop Brookings, SD</b>				
	<b>Custom Dry Bulk Fertilizer 29.85-9.18-13.78</b>		<b>05N-05808</b>	
		Commercial Value	126.	121.69
		Overall Index Value	103.	100
		Total Nitrogen, %	31.60	29.85
		Available Phosphate, %	8.93	9.18
		Soluble Potash, %	13.21	13.78
<b>Agrilience Worthing, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-05023</b>	
		Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	10.82	11
		Available Phosphate, %	52.10	52

Manufacturer Location	Product	Analyte	Found	Claim
Agrilience LLC Minneapolis, MN	Dry Bulk Fertilizer 0-0-60		05N-05603	
		Soluble Potash, %	60.40	60
Agrilience LLC Watertown, SD	Dry Bulk Fertilizer 46-0-0		05N-04948	
		Total Nitrogen, %	46.66	46
Agrilience, LLC St. Paul, MN	Dry Bulk Fertilizer 18-46-0		05N-04949	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.90	18
		Available Phosphate, %	46.28	46
	Custom Dry Bulk Fertilizer 25.57-0-18.97-6S		05N-04950	
		Commercial Value	84.3	95.68
		Overall Index Value	98.0	100
		Total Nitrogen, %	25.00	25.57
		Soluble Potash, %	18.67	18.97
Agrilience, LLC St. Paul, MN	** Custom Dry Bulk Fertilizer 14-36-13		05N-04953	
		Commercial Value	128.	117.94
		Overall Index Value	99.9	100
		Total Nitrogen, %	14.30	14.22
		Available Phosphate, %	36.74	36.34
		Soluble Potash, %	11.56	12.6
		DEFICIENT		
	Dry Bulk Fertilizer 18-46-0		05N-04958	
		Commercial Value	145.	146
		Overall Index Value	99.3	100
	Total Nitrogen, %	17.83	18	
	Available Phosphate, %	45.74	46	
Agrilience, LLC St. Paul, MN	Custom Dry Bulk Fertilizer 33.01-10.99-8.22		05N-05702	
		Commercial Value	130.	129.23
		Overall Index Value	101.	100
		Total Nitrogen, %	32.22	33.01
		Available Phosphate, %	12.51	10.99
Agrilience, LLC St. Paul, MN	Dry Bulk Fertilizer 46-0-0		05N-06042	
		Soluble Potash, %	8.69	8.22
	Dry Bulk Fertilizer 18-46-0		05N-06044	
		Commercial Value	46.61	46
		Overall Index Value	146.	146
Agrilience, LLC St. Paul, MN	Liquid Bulk Fertilizer 10-34-0		05N-03069	
		Commercial Value	100.	100
		Overall Index Value	97.9	98
		Total Nitrogen, %	10.25	10
		Available Phosphate, %	33.59	34
Agrilience, LLC St. Paul, MN	Liquid Bulk Fertilizer 10-34-0		05N-04355	
		Commercial Value	97.6	98
		Overall Index Value	99.6	100
		Total Nitrogen, %	10.18	10
		Available Phosphate, %	33.54	34

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04381</b>	
	Total Nitrogen, %		46.62	46
	<b>Pastille Sulfur Fertilizer</b>		<b>05N-04661</b>	
	Sulfur, %		89.60	90
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04957</b>	
	Total Nitrogen, %		46.69	46
	<b>Dry Bulk Fertilizer Sulfur</b>		<b>05N-05125</b>	
	Sulfur, %		89.27	90
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-05127</b>	
	Commercial Value		137.	137
	Overall Index Value		99.9	100
	Total Nitrogen, %		11.24	11
	Available Phosphate, %		51.58	52
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05128</b>	
	Commercial Value		145.	146
	Overall Index Value		99.4	100
	Total Nitrogen, %		17.85	18
	Available Phosphate, %		45.78	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05564</b>	
	Total Nitrogen, %		46.56	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05565</b>	
	Commercial Value		145.	146
	Overall Index Value		99.2	100
	Total Nitrogen, %		17.54	18
	Available Phosphate, %		46.08	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05630</b>	
	Total Nitrogen, %		45.97	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05703</b>	
	Total Nitrogen, %		46.72	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05806</b>	
	Commercial Value		145.	146
	Overall Index Value		99.2	100
	Total Nitrogen, %		17.65	18
	Available Phosphate, %		45.92	46
**	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-05874</b>	
	Commercial Value		95.0	98
	Overall Index Value		96.9	100
	DEFICIENT			
	Total Nitrogen, %		9.80	10
	Available Phosphate, %		32.79	34
	DEFICIENT			
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-05925</b>	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		10.79	11
	Available Phosphate, %		52.82	52
**	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-07305</b>	
	Commercial Value		97.8	98
	Overall Index Value		99.8	100
	Total Nitrogen, %		11.29	10
	Available Phosphate, %		31.96	34
	DEFICIENT			
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-07306</b>	
	Total Nitrogen, %		27.84	28
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-07511</b>	
	Total Nitrogen, %		46.56	46

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-07512</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	10.93	11
		Available Phosphate, %	52.35	52
	<b>** Dry Bulk Fertilizer 18-46-0</b>		<b>05N-07513</b>	
		Commercial Value	144.	146
		Overall Index Value	98.8	100
		Total Nitrogen, %	18.33	18
		Available Phosphate, %	44.56	46
		DEFICIENT		
	<b>** Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-07635</b>	
		Commercial Value	95.2	98
		Overall Index Value	97.2	100
		DEFICIENT		
		Total Nitrogen, %	9.97	10
		Available Phosphate, %	32.77	34
		DEFICIENT		
	<b>Lawn Science Weed &amp; Feed Lawn &amp; Garden 20-5-10</b>		<b>05N-08579</b>	
		Commercial Value	86.5	80
		Iron, %	1.88	2
		Overall Index Value	108.	100
		Total Nitrogen, %	21.90	20
		Available Phosphate, %	5.45	5
		Soluble Potash, %	9.92	10
		Sulfur, %	3.36	2
	<b>** Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-09835</b>	
		Commercial Value	98.0	98
		Overall Index Value	100.	100
		Total Nitrogen, %	11.11	10
		Available Phosphate, %	32.30	34
		DEFICIENT		
<b>Agrilience-Worthing</b>				
<b>Worthing, SD</b>				
	<b>** Dry Bulk Fertilizer 11-52-0</b>		<b>05N-03295</b>	
		Commercial Value	135.	137
		Overall Index Value	98.7	100
		Total Nitrogen, %	11.99	11
		Available Phosphate, %	49.46	52
		DEFICIENT		
<b>Agrium</b>				
<b>Soda Springs, ID</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-03777</b>	
		Arsenic, ug/g (ppm)	11.1	
		Cadmium, ug/g (ppm)	159.	
		Cobalt, ug/g (ppm)	7.1	
		Commercial Value	85.3	137
		Overall Index Value	100.	100
		Total Nitrogen, %	10.89	11
		Available Phosphate, %	52.50	52
		Lead, ug/g (ppm)	2.9	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	16.	
		Nickel, ug/g (ppm)	296.	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	3160.	

Manufacturer Location	Product	Analyte	Found	Claim
<b>Agrium U.S. Inc. Calgary Alberta, CN</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-04383</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	10.90	11
		Available Phosphate, %	52.39	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-15055</b>	
		Total Nitrogen, %	46.49	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-19334</b>	
		Total Nitrogen, %	46.65	46
	<b>Dry Bulk Fertilizer 10-50-0</b>		<b>05N-20194</b>	
		Commercial Value	140.	130
		Overall Index Value	108.	100
		Total Nitrogen, %	11.37	10
		Available Phosphate, %	53.14	50
<b>Agrium U.S., Inc Denver, CO</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-01153</b>	
		Total Nitrogen, %	46.54	46
	<b>** Dry Bulk Fertilizer 46-0-0</b>		<b>05N-01154</b>	
		Total Nitrogen, %	20.57	46
		DEFICIENT		
	<b>Dry Bulk Fertilizer 20.5-0-0-24</b>		<b>05N-01155</b>	
		Total Nitrogen, %	20.58	20.5
		Sulfur, %	24.67	24
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-01159</b>	
		Total Nitrogen, %	46.70	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-01160</b>	
		Total Nitrogen, %	46.62	46
	<b>Dry Bulk Fertilizer 20.5-0-0-24</b>		<b>05N-01163</b>	
		Total Nitrogen, %	20.60	20.5
		Sulfur, %	24.41	24
	<b>** Dry Bulk Fertilizer 46-0-0</b>		<b>05N-01164</b>	
		Total Nitrogen, %	40.06	46
		DEFICIENT		
		Soluble Potash, %	0.00	
		Sulfur, %	6.04	
	<b>** Dry Bulk Fertilizer 11-52-0</b>		<b>05N-04153</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	12.33	11
		Available Phosphate, %	50.32	52
		DEFICIENT		
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04154</b>	
		Total Nitrogen, %	46.61	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-04158</b>	
		Soluble Potash, %	58.96	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-07525</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.09	11
		Available Phosphate, %	52.28	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-07532</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.04	11
		Available Phosphate, %	52.48	52

Manufacturer Location	Product	Analyte	Found	Claim
<b>Agrium US Inc.</b>				
<b>EpcO, ID</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-19332</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.11	11
		Available Phosphate, %	51.90	52
<b>Alcester Fertilizer</b>				
<b>Alcester, SD</b>				
	<b>Custom Dry Bulk Fertilizer 10.85-27.72-23.84</b>		<b>05N-05026</b>	
		Commercial Value	115.	111.83
		Overall Index Value	103.	100
		Total Nitrogen, %	11.43	10.85
		Available Phosphate, %	29.18	27.72
		Soluble Potash, %	22.70	23.84
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05028</b>	
		Commercial Value	146.	146
		Overall Index Value	99.8	100
		Total Nitrogen, %	17.96	18
		Available Phosphate, %	45.91	46
<b>American Plant Food</b>				
<b>Galena Park, TX</b>				
	<b>Dry Bulk Fertilizer Ammonium Sulfate</b>		<b>05N-05608</b>	
		Total Nitrogen, %	20.54	21
		Sulfur, %	24.80	24
<b>Andersons (The) Lawn Fert Div</b>				
<b>Maumee, OH</b>				
	<b>22-0-6 Fertilizer with ProPendi Herbicide</b>		<b>05N-07484</b>	
		Chlorine, %	4.43	5.08
		Commercial Value	75.1	72
		Overall Index Value	104.	100
		Total Nitrogen, %	23.09	22
		Soluble Potash, %	5.83	6
		Sulfur, %	4.70	3.57
<b>Bay Zinc Company Inc.</b>				
<b>Moxee, WA</b>				
	<b>BLU-Min Zinc Granular Fertilizer with Sulfur</b>		<b>05N-04660</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	0.5	
		Cobalt, ug/g (ppm)	0.5	
		Sulfur, %	18.36	17.2
		Zinc, %	35.24	34
		Lead, ug/g (ppm)	<1.0	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	12.4	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	352000.	
	<b>** Dry Bulk Fertilizer Zinc 34%</b>		<b>05N-05607</b>	
		Zinc, %	31.80	34
		DEFICIENT		

Manufacturer Location	Product	Analyte	Found	Claim
<b>Bayer Advanced LLC</b> <b>Birmingham, AL</b>	<b>Bayer Triple Action Rose Food 18-11-16</b>		<b>05N-03599</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	10.1	
		Cobalt, ug/g (ppm)	1.0	
		Commercial Value	95.7	92
		Overall Index Value	104.	100
		Total Nitrogen, %	18.85	18
		Available Phosphate, %	11.53	11
		Soluble Potash, %	16.10	16
		Lead, ug/g (ppm)	1.2	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	18.2	
		Selenium, ug/g (ppm)	0.160	
		Zinc, ug/g (ppm)	169.	
<b>BCA Products</b> <b>Sleepy Eye, MN</b>	<b>** Super Lawn Fertilizer 27-3-3</b>		<b>05N-08575</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	0.6	
		Cobalt, ug/g (ppm)	0.6	
		Commercial Value	93.4	90
		Iron, %	0.10	1
		DEFICIENT		
		Overall Index Value	104.	100
		Total Nitrogen, %	27.77	27
		Available Phosphate, %	3.49	3
		Soluble Potash, %	3.11	3
		Sulfur, %	1.94	2
		Lead, ug/g (ppm)	<1.0	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	5.2	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	24.0	
	<b>Weed &amp; Feed 25-3-3</b>		<b>05N-08577</b>	
		Commercial Value	84.1	84
		Overall Index Value	100.	100
		Total Nitrogen, %	24.81	25
		Available Phosphate, %	3.19	3
		Soluble Potash, %	3.28	3
<b>Bonide Products, Inc.</b> <b>Oriskany, NY</b>	<b>Bonide Root &amp; Grow 4-10-3</b>		<b>05N-06560</b>	
		Commercial Value	35.9	35
		Overall Index Value	103.	100
		Total Nitrogen, %	3.63	4
		Available Phosphate, %	11.06	10
		Soluble Potash, %	2.92	3
<b>Calcium Products</b> <b>Ft. Dodge, IA</b>	<b>Supercal SO4 Gypsum</b>		<b>05N-04796</b>	
		Calcium, %	20.95	21
		Sulfur, %	17.61	17

Manufacturer Location	Product	Analyte	Found	Claim
<b>Cargill Fertilizer Belle Plaine, SK, CA</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-10215</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.11	11
		Available Phosphate, %	51.99	52
<b>Cavour Farmers Elevator Yale, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-06474</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.03	11
		Available Phosphate, %	52.02	52
<b>Cenex Flandreau, SD</b>				
	<b>Custom Dry Bulk Fertilizer 29.38-12.1-12.1</b>		<b>05N-05566</b>	
		Commercial Value	127.	124.44
		Overall Index Value	102.	100
		Total Nitrogen, %	30.07	29.38
		Available Phosphate, %	12.70	12.1
		Soluble Potash, %	11.78	12.1
	<b>Custom Dry Bulk Fertilizer 29.38-12.1-12.1</b>		<b>05N-05567</b>	
		Commercial Value	125.	124.44
		Overall Index Value	100.	100
		Total Nitrogen, %	29.02	29.38
		Available Phosphate, %	12.43	12.1
		Soluble Potash, %	12.60	12.1
<b>Cenex of Woonsocket Woonsocket, SD</b>				
	<b>Custom Dry Bulk Fertilizer 36.74-13.76-0</b>		<b>05N-05622</b>	
		Commercial Value	140.	137.74
		Overall Index Value	101.	100
		Total Nitrogen, %	37.44	36.74
		Available Phosphate, %	13.65	13.76
<b>Centerville Ag Centerville, SD</b>				
	<b>*#* Custom Dry Bulk Fertilizer 34.96-9.32-6.99</b>		<b>05N-04642</b>	
		Commercial Value	132.	130.51
		Overall Index Value	101.	100
		Total Nitrogen, %	35.96	34.96
		Available Phosphate, %	9.12	9.32
		Soluble Potash, %	6.38	6.99
		DEFICIENT		
<b>CF Industries Inc Long Grove, IL</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-04160</b>	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.18	18
		Available Phosphate, %	47.33	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-05604</b>	
		Commercial Value	138.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.46	11
		Available Phosphate, %	51.62	52



Manufacturer Location	Product	Analyte	Found	Claim	
CF Industries, Inc. Lake Zurich, IL	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05605</b>		
		Total Nitrogen, %	46.61	46	
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05704</b>		
		Commercial Value	144.	146	
		Overall Index Value	98.7	100	
		Total Nitrogen, %	17.60	18	
		Available Phosphate, %	45.64	46	
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-10230</b>		
		Total Nitrogen, %	46.59	46	
	Chemsico St. Louis, MO	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04951</b>	
			Total Nitrogen, %	46.69	46
		<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-04954</b>	
		Commercial Value	144.	146	
		Overall Index Value	98.9	100	
		Total Nitrogen, %	17.62	18	
Chemsico St. Louis, MO	<b>Ace Dry Bagged Fertilizer 30-3-3</b>		<b>05N-08268</b>		
		Arsenic, ug/g (ppm)	<1.0		
		Cadmium, ug/g (ppm)	1.9		
		Cobalt, ug/g (ppm)	6.9		
		Commercial Value	99.8	99	
		Iron, %	2.16	2	
		Overall Index Value	101.	100	
		Total Nitrogen, %	29.30	30	
		Available Phosphate, %	4.18	3	
		Soluble Potash, %	3.54	3	
		Sulfur, %	1.12	1	
		Lead, ug/g (ppm)	34.7		
		Mercury, ng/g (ppb)	16.0		
		Mercury, ug/g (ppm)	<1.0		
		Molybdenum, ug/g (ppm)	1.6		
		Nickel, ug/g (ppm)	22.3		
		Selenium, ug/g (ppm)	1.17		
		Zinc, ug/g (ppm)	5250.		
	<b>Dry Container Fertilizer Weed &amp; Feed 28-3-3</b>		<b>05N-09825</b>		
		Commercial Value	97.2	93	
		Overall Index Value	104.	100	
		Total Nitrogen, %	27.93	28	
		Available Phosphate, %	4.83	3	
		Soluble Potash, %	3.72	3	
	<b>Dry Lawn Fertilizer 29-3-4</b>		<b>05N-09828</b>		
		Commercial Value	96.3	97	
		Iron, %	1.45	1	
	Overall Index Value	99.3	100		
	Total Nitrogen, %	28.25	29		
	Available Phosphate, %	3.81	3		
	Soluble Potash, %	4.07	4		
Con Agra St. Paul, MN	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-10217</b>		
	Total Nitrogen, %	46.64	46		

Manufacturer Location	Product	Analyte	Found	Claim
<b>Con Agra Int'l Fertilizer Savannah, GA</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-04646</b>	
		Soluble Potash, %	60.72	60
<b>Con Agra International Fertilizer East Peoria, IL</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-04640</b>	
		Commercial Value	146.	146
		Overall Index Value	99.8	100
		Total Nitrogen, %	18.03	18
		Available Phosphate, %	45.80	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04641</b>	
		Total Nitrogen, %	46.74	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-04643</b>	
		Commercial Value	136.	137
		Overall Index Value	98.9	100
		Total Nitrogen, %	10.84	11
		Available Phosphate, %	51.72	52
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-05776</b>	
		Soluble Potash, %	60.76	60
<b>ConAgra International Sioux City, IA</b>				
	<b>** Dry Bulk Fertilizer 11-52-0</b>		<b>05N-01157</b>	
		Commercial Value	145.	137
		Overall Index Value	106.	100
		Total Nitrogen, %	17.70	11
		Available Phosphate, %	46.06	52
		DEFICIENT		
	<b>** Dry Bulk Fertilizer 18-46-0</b>		<b>05N-01158</b>	
		Commercial Value	135.	146
		Overall Index Value	92.6	100
		DEFICIENT		
		Total Nitrogen, %	10.60	18
		DEFICIENT		
		Available Phosphate, %	51.80	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-01162</b>	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.82	18
		Available Phosphate, %	46.34	46
<b>Cone Ag Service Pierre, SD</b>				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-07521</b>	
		Commercial Value	98.2	98
		Overall Index Value	100.	100
		Total Nitrogen, %	10.36	10
		Available Phosphate, %	33.55	34
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-09831</b>	
		Commercial Value	98.5	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.06	10
		Available Phosphate, %	34.16	34

Manufacturer Location	Product	Analyte	Found	Claim
<b>Conklin Co. Shakopee, MN</b>				
	<b>Liquid Bulk Fertilizer 9-18-9</b>		<b>05N-03077</b>	
		Arsenic, ug/g (ppm)	4.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	<0.2	
		Commercial Value	72.6	72
		Overall Index Value	101.	100
		Total Nitrogen, %	9.16	9
		Available Phosphate, %	18.13	18
		Soluble Potash, %	8.82	9
		Lead, ug/g (ppm)	1.7	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	1.0	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	9.97	
<b>Dakota Fertilizer &amp; Chemical Canton, SD</b>				
	<b>Custom Dry Bulk Fertilizer 33.36-10.68-8.01</b>		<b>05N-05860</b>	
		Commercial Value	131.	129.45
		Overall Index Value	101.	100
		Total Nitrogen, %	32.51	33.36
		Available Phosphate, %	12.30	10.68
		Soluble Potash, %	9.02	8.01
	<b>** Custom Dry Bulk Fertilizer 11.43-29.21-21.9</b>		<b>05N-05861</b>	
		Commercial Value	116.	114.61
		Overall Index Value	101.	100
		Total Nitrogen, %	11.81	11.43
		Available Phosphate, %	30.45	29.21
		Soluble Potash, %	19.24	21.9
		DEFICIENT		
	<b>Custom Dry Bulk Fertilizer 33.02-9.44-9.44</b>		<b>05N-05865</b>	
		Commercial Value	128.	127.38
		Overall Index Value	101.	100
		Total Nitrogen, %	32.81	33.02
		Available Phosphate, %	10.12	9.44
		Soluble Potash, %	9.52	9.44
<b>Dakota Gasification Company Beulah, ND</b>				
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-03296</b>	
		Total Nitrogen, %	20.98	21
		Sulfur, %	24.49	24
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-03300</b>	
		Total Nitrogen, %	20.99	21
		Sulfur, %	23.75	24
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-04157</b>	
		Total Nitrogen, %	20.93	21
		Sulfur, %	24.22	24
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-04382</b>	
		Total Nitrogen, %	21.01	21
		Sulfur, %	24.67	24
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-04395</b>	
		Total Nitrogen, %	21.06	21
		Sulfur, %	24.47	24

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-04952</b>	
	Total Nitrogen, %		21.02	21
	Sulfur, %		23.13	24
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-05632</b>	
	Total Nitrogen, %		21.03	21
	Sulfur, %		24.52	24
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-05866</b>	
	Total Nitrogen, %		21.03	21
	Sulfur, %		24.61	24
	<b>Dry Bulk Fertilizer 21-0-0-S-24</b>		<b>05N-10231</b>	
	Total Nitrogen, %		21.14	21
	Sulfur, %		24.50	24
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-20196</b>	
	Total Nitrogen, %		21.18	21
	Sulfur, %		24.54	24
<b>Dakota Mill &amp; Grain Belle Fourche, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05277</b>	
	Total Nitrogen, %		46.56	46
	<b>** Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05278</b>	
	Commercial Value		138.	146
	Overall Index Value		94.7	100
	DEFICIENT			
	Total Nitrogen, %		16.13	18
	DEFICIENT			
	Available Phosphate, %		45.04	46
	DEFICIENT			
<b>Dakota Plains Ag Center LLC Parkston, SD</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-03061</b>	
	Commercial Value		148.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.32	18
	Available Phosphate, %		46.29	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-03062</b>	
	Total Nitrogen, %		46.76	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-03063</b>	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.16	18
	Available Phosphate, %		46.34	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-03064</b>	
	Total Nitrogen, %		46.76	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-03072</b>	
	Total Nitrogen, %		46.53	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-03073</b>	
	Soluble Potash, %		59.26	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-03074</b>	
	Commercial Value		136.	137
	Overall Index Value		99.2	100
	Total Nitrogen, %		10.80	11
	Available Phosphate, %		51.73	52
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-03075</b>	
	Commercial Value		147.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.85	18
	Available Phosphate, %		46.53	46

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-03078</b>	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.11	18
		Available Phosphate, %	46.18	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-03082</b>	
		Total Nitrogen, %	46.75	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-03294</b>	
		Total Nitrogen, %	46.67	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-03297</b>	
		Soluble Potash, %	58.96	60
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-03298</b>	
		Commercial Value	146.	146
		Overall Index Value	99.9	100
		Total Nitrogen, %	17.98	18
		Available Phosphate, %	45.94	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04155</b>	
		Total Nitrogen, %	46.58	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-04156</b>	
		Commercial Value	145.	146
		Overall Index Value	99.5	100
		Total Nitrogen, %	17.70	18
		Available Phosphate, %	46.11	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04159</b>	
		Total Nitrogen, %	46.45	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05623</b>	
		Total Nitrogen, %	46.57	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05626</b>	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.14	18
		Available Phosphate, %	45.98	46
	<b>Custom Dry Bulk Fertilizer 25-10-24-S-2.8-Zn-1.4</b>		<b>05N-06440</b>	
		Commercial Value	62.2	109
		Overall Index Value	100.	100
		Total Nitrogen, %	24.29	25
		Available Phosphate, %	10.32	10
		Soluble Potash, %	15.47	14
		Sulfur, %	3.41	2.8
		Zinc, %	1.58	1.4
	<b>Custom Dry Bulk Fertilizer 32-16-5</b>		<b>05N-06441</b>	
		Commercial Value	140.	133
		Overall Index Value	105.	100
		Total Nitrogen, %	34.66	32
		Available Phosphate, %	15.36	16
		Soluble Potash, %	4.97	5
	<b>Custom Dry Bulk Fertilizer 31-23-0</b>		<b>05N-06442</b>	
		Commercial Value	143.	139
		Overall Index Value	103.	100
		Total Nitrogen, %	32.40	31
		Available Phosphate, %	22.92	23
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-06443</b>	
		Total Nitrogen, %	46.53	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-06446</b>	
		Soluble Potash, %	59.35	60

Manufacturer Location	Product	Analyte	Found	Claim
<b>DeBoer Ag Service</b>				
<b>Oral, SD</b>				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-05777</b>	
	Total Nitrogen, %		30.26	28
<b>Dell Rapids Coop Grain</b>				
<b>Dell Rapids, SD</b>				
	<b>Custom Dry Bulk Fertilizer 35.94-8.98-5.99</b>		<b>05N-05560</b>	
	Commercial Value		134.	131.77
	Overall Index Value		101.	100
	Total Nitrogen, %		35.76	35.94
	Available Phosphate, %		9.82	8.98
	Soluble Potash, %		6.74	5.99
	<b>Custom Dry Bulk Fertilizer 28.55-14.28-11.42</b>		<b>05N-05563</b>	
	Commercial Value		129.	115.63
	Overall Index Value		103.	100
	Total Nitrogen, %		29.86	28.55
	Available Phosphate, %		13.63	14.28
	Soluble Potash, %		12.03	11.42
<b>Domestic Fertilizer Inc</b>				
<b>Paris, KY</b>				
	<b>Pennington Fertilizer Spikes 11-5-7-CI 7</b>		<b>05N-01186</b>	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		1.3	
	Cobalt, ug/g (ppm)		1.7	
	Chlorine, %		5.75	7
	Commercial Value		91.0	50
	Overall Index Value		182.	100
	Total Nitrogen, %		17.68	11
	Available Phosphate, %		15.68	5
	Soluble Potash, %		6.80	7
	Lead, ug/g (ppm)		<1.0	
	Mercury, ng/g (ppb)		<10.0	
	Mercury, ug/g (ppm)		<1.0	
	Molybdenum, ug/g (ppm)		1.7	
	Nickel, ug/g (ppm)		5.1	
	Selenium, ug/g (ppm)		<0.130	
	Zinc, ug/g (ppm)		182.	
<b>Dow Agrosciences LLC</b>				
<b>Indianapolis, IN</b>				
	<b>Forever Green Crabgrass Preventer</b>		<b>05N-10218</b>	
	Commercial Value		85.2	83
	Overall Index Value		103.	100
	Total Nitrogen, %		22.51	22
	Available Phosphate, %		2.74	3
	Soluble Potash, %		12.19	11
<b>Dyno Nobel</b>				
<b>Salt Lake City, UT</b>				
	<b>Liquid Bulk Fertilizer Urea AN Solution 32-0-0</b>		<b>05N-09829</b>	
	Total Nitrogen, %		32.41	32

Manufacturer Location	Product	Analyte	Found	Claim
<b>Eastern Farmers Coop Garretson, SD</b>				
	<b>Liquid Bulk Fertilizer 7-21-7</b>		<b>05N-05040</b>	
		Commercial Value	69.2	70
		Overall Index Value	98.8	100
		Total Nitrogen, %	7.13	7
		Available Phosphate, %	20.40	21
		Soluble Potash, %	7.00	7
<b>Eastern Farmers Coop-Garretson Garretson, SD</b>				
	<b>Custom Dry Bulk Fertilizer 32.01-10.67-8-S-2.67</b>		<b>05N-05836</b>	
		Commercial Value	125.	125.37
		Overall Index Value	99.6	100
		Total Nitrogen, %	31.99	32.01
		Available Phosphate, %	10.19	10.67
		Soluble Potash, %	8.57	8
		Sulfur, %	2.81	2.67
	<b>** Custom Dry Bulk Fertilizer 28.47-11.86-11.86-S-2.37</b>		<b>05N-05843</b>	
		Commercial Value	125.	120.99
		Overall Index Value	104.	100
		Total Nitrogen, %	29.67	28.47
		Available Phosphate, %	12.64	11.86
		Soluble Potash, %	10.82	11.86
		DEFICIENT		
		Sulfur, %	2.06	2.37
	<b>Custom Dry Bulk Fertilizer 34.96-9.32-6.99</b>		<b>05N-05844</b>	
		Commercial Value	134.	130.51
		Overall Index Value	102.	100
		Total Nitrogen, %	35.70	34.96
		Available Phosphate, %	9.59	9.32
		Soluble Potash, %	7.12	6.99
<b>Eastern Farmers Coop-Worthing Ag Center Worthing, SD</b>				
	<b>Custom Dry Bulk Fertilizer 12-30.67-20</b>		<b>05N-05029</b>	
		Commercial Value	116.	117.34
		Overall Index Value	99.0	100
		Total Nitrogen, %	12.13	12
		Available Phosphate, %	30.21	30.67
		Soluble Potash, %	19.41	20
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05030</b>	
		Commercial Value	144.	146
		Overall Index Value	98.8	100
		Total Nitrogen, %	17.41	18
		Available Phosphate, %	46.00	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05031</b>	
		Total Nitrogen, %	46.74	46
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-05032</b>	
		Total Nitrogen, %	21.09	21
		Sulfur, %	24.27	24
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-05033</b>	
		Soluble Potash, %	60.94	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-05034</b>	
		Commercial Value	136.	137
		Overall Index Value	99.2	100
		Total Nitrogen, %	11.00	11
		Available Phosphate, %	51.45	52

Manufacturer Location	Product	Analyte	Found	Claim
	<b>*#* Custom Dry Bulk Fertilizer 28.76-14.91-10.65</b>		<b>05N-05035</b>	
	Commercial Value		125.	126.75
	Overall Index Value		98.8	100
	Total Nitrogen, %		27.23	28.76
	DEFICIENT			
	Available Phosphate, %		16.87	14.91
	Soluble Potash, %		10.81	10.65
	<b>Custom Dry Bulk Fertilizer 17.81-23.82-17.86</b>		<b>05N-05036</b>	
	Commercial Value		120.	118.93
	Overall Index Value		101.	100
	Total Nitrogen, %		17.91	17.81
	Available Phosphate, %		24.74	23.82
	Soluble Potash, %		17.18	17.86
	<b>Custom Dry Bulk Fertilizer 33.8-12.29-6.15</b>		<b>05N-05037</b>	
	Commercial Value		134.	132.13
	Overall Index Value		101.	100
	Total Nitrogen, %		33.60	33.8
	Available Phosphate, %		13.33	12.29
	Soluble Potash, %		6.35	6.15
	<b>Custom Dry Bulk Fertilizer 30.94-24.75-0</b>		<b>05N-05039</b>	
Commercial Value		143.	142.07	
Overall Index Value		100.	100	
Total Nitrogen, %		31.03	30.94	
Available Phosphate, %		24.95	24.75	
<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05834</b>		
Total Nitrogen, %		46.75	46	
<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05835</b>		
Commercial Value		144.	146	
Overall Index Value		98.7	100	
Total Nitrogen, %		17.84	18	
Available Phosphate, %		45.32	46	
<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-07067</b>		
Total Nitrogen, %		27.98	28	
<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-07524</b>		
Total Nitrogen, %		46.75	46	
<b>Easy Gardener</b>				
<b>Waco, TX</b>				
	<b>Jobes Fertilizer Spikes for Tomatoes 8-24-8</b>		<b>05N-03603</b>	
	Commercial Value		93.6	80
	Overall Index Value		117.	100
	Total Nitrogen, %		11.19	8
	Available Phosphate, %		25.12	24
	Soluble Potash, %		9.75	8
	<b>Ross Gro-Stakes Fruit &amp; Ornamental Trees &amp; Shrubs</b>		<b>05N-05782</b>	
	Commercial Value		86.8	72
	Overall Index Value		121.	100
	Total Nitrogen, %		10.93	8
	Available Phosphate, %		18.34	16
	Soluble Potash, %		17.35	16
<b>Eau Claire Coop Oil Company</b>				
<b>Eau Claire, WI</b>				
	<b>Forever Green Weed &amp; Seed Lawn &amp; Garden 26-3-5</b>		<b>05N-10219</b>	
	Commercial Value		92.6	89
	Overall Index Value		104.	100
	Total Nitrogen, %		27.21	26
	Available Phosphate, %		3.00	3
	Soluble Potash, %		4.95	5



Manufacturer Location	Product	Analyte	Found	Claim
	<b>** Starter Lawn &amp; Garden Fertilizer 18-12-14</b>		<b>05N-10220</b>	
		Commercial Value	103.	92
		Overall Index Value	112.	100
		Total Nitrogen, %	20.95	18
		Available Phosphate, %	13.96	12
		Soluble Potash, %	11.60	14
		DEFICIENT		
<b>Estelline Coop Grain</b>				
<b>Estelline, SD</b>				
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-05804</b>	
		Total Nitrogen, %	21.00	21
		Sulfur, %	24.68	24
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05852</b>	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.90	18
		Available Phosphate, %	46.30	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-05853</b>	
		Soluble Potash, %	60.10	60
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05854</b>	
		Total Nitrogen, %	46.71	46
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-05855</b>	
		Total Nitrogen, %	21.31	21
		Sulfur, %	24.38	24
	<b>Custom Dry Bulk Fertilizer 33.48-6.41-5.52-S-4.21</b>		<b>05N-05856</b>	
		Commercial Value	121.	118.78
		Overall Index Value	102.	100
		Total Nitrogen, %	33.24	33.48
		Available Phosphate, %	7.88	6.41
		Soluble Potash, %	5.22	5.52
		Sulfur, %	4.83	4.21
<b>Farmers Elevator Co. of Humboldt</b>				
<b>Humboldt, SD</b>				
	<b>Custom Dry Bulk Fertilizer 35.94-8.99-5.99</b>		<b>05N-05107</b>	
		Commercial Value	134.	131.79
		Overall Index Value	102.	100
		Total Nitrogen, %	35.44	35.94
		Available Phosphate, %	10.80	8.99
		Soluble Potash, %	6.31	5.99
<b>Farmers Plant Food Inc</b>				
<b>Garretson, SD</b>				
	<b>** Dry Bulk Fertilizer 0-0-60</b>		<b>05N-03299</b>	
		Soluble Potash, %	58.10	60
		DEFICIENT		
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-04644</b>	
		Total Nitrogen, %	21.21	21
		Sulfur, %	24.37	24
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04645</b>	
		Total Nitrogen, %	46.65	46
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-04648</b>	
		Total Nitrogen, %	22.54	21
		Sulfur, %	23.09	24
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-04649</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.09	11
		Available Phosphate, %	52.49	52

Manufacturer Location	Product	Analyte	Found	Claim	
Farmers Plant Food Inc Wolsey, SD	<b>** Liquid Bulk Fertilizer 8-20-5-S-5</b>		<b>05N-05875</b>		
		Commercial Value	68.5	69	
		Overall Index Value	99.3	100	
		Total Nitrogen, %	9.56	8	
		Available Phosphate, %	17.47	20	
		DEFICIENT			
		Soluble Potash, %	4.87	5	
		Sulfur, %	5.40	5	
		<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-06194</b>	
		Commercial Value	98.2	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	10.17	10	
		Available Phosphate, %	33.86	34	
		<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-06455</b>	
		Commercial Value	98.2	98	
		Overall Index Value	100.	100	
		Total Nitrogen, %	9.94	10	
		Available Phosphate, %	34.18	34	
		<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-06457</b>	
		Total Nitrogen, %	28.52	28	
		<b>** Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-06909</b>	
	Commercial Value	95.8	98		
	Overall Index Value	97.8	100		
	DEFICIENT				
	Total Nitrogen, %	10.02	10		
	Available Phosphate, %	32.94	34		
	DEFICIENT				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-07066</b>		
	Commercial Value	97.8	98		
	Overall Index Value	99.8	100		
	Total Nitrogen, %	10.30	10		
	Available Phosphate, %	33.47	34		
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-08260</b>		
	Total Nitrogen, %	46.76	46		
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-08265</b>		
	Commercial Value	97.8	98		
	Overall Index Value	99.8	100		
	Total Nitrogen, %	9.89	10		
	Available Phosphate, %	34.05	34		
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-08266</b>		
	Total Nitrogen, %	27.98	28		
	<b>Urea Ammonium Nitrate Solution 28-0-0</b>		<b>05N-04291</b>		
	Total Nitrogen, %	28.07	28		
	<b>32% Nitrogen 32-0-0</b>		<b>05N-04292</b>		
	Total Nitrogen, %	31.91	32		
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-04293</b>		
	Commercial Value	98.4	98		
	Overall Index Value	100.	100		
	Total Nitrogen, %	9.92	10		
	Available Phosphate, %	34.31	34		
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-07515</b>		
	Commercial Value	97.6	98		
	Overall Index Value	99.6	100		
	Total Nitrogen, %	10.04	10		
	Available Phosphate, %	33.72	34		

Manufacturer Location	Product	Analyte	Found	Claim
<b>Fremar Agronomy Marion, SD</b>				
	<b>Custom Dry Bulk Fertilizer 30.75-15.38-7.69</b>		<b>05N-06195</b>	
		Commercial Value	131.	130.7
		Overall Index Value	100.	100
		Total Nitrogen, %	30.86	30.75
		Available Phosphate, %	15.10	15.38
		Soluble Potash, %	8.27	7.69
	<b>Custom Dry Bulk Fertilizer with Harness 33-13-7</b>		<b>05N-06196</b>	
		Commercial Value	134.	132
		Overall Index Value	101.	100
		Total Nitrogen, %	33.07	33
		Available Phosphate, %	13.69	13
		Soluble Potash, %	7.07	7
	<b>Custom Dry Bulk Fertilizer 30.1-15.02-6.07-S-1.8</b>		<b>05N-06197</b>	
		Commercial Value	127.	126.41
		Overall Index Value	100.	100
		Total Nitrogen, %	29.61	30.1
		Available Phosphate, %	16.00	15.02
		Soluble Potash, %	6.06	6.07
		Sulfur, %	2.31	1.8
<b>Fremar Farmers Coop Inc Marion, SD</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05858</b>	
		Commercial Value	146.	146
		Overall Index Value	99.7	100
		Total Nitrogen, %	17.64	18
		Available Phosphate, %	46.34	46
	<b>Custom Dry Bulk Fertilizer 33.81-11.27-4.51-S-1.80</b>		<b>05N-06192</b>	
		Commercial Value	129.	128.48
		Overall Index Value	100.	100
		Total Nitrogen, %	34.09	33.81
		Available Phosphate, %	11.05	11.27
		Soluble Potash, %	4.63	4.51
		Sulfur, %	2.27	1.8
	<b>Custom Dry Bulk Fertilizer 36.21-16.09-0</b>		<b>05N-06193</b>	
		Commercial Value	143.	140.79
		Overall Index Value	101.	100
		Total Nitrogen, %	37.15	36.21
		Available Phosphate, %	15.58	16.08
<b>Gubler Landers, CA</b>				
	<b>Gubler ProBlend Orchid Food 19-8-16</b>		<b>05N-01187</b>	
		Commercial Value	92.4	89
		Overall Index Value	104.	100
		Total Nitrogen, %	19.81	19
		Available Phosphate, %	8.51	8
		Soluble Potash, %	15.93	16

Manufacturer Location	Product	Analyte	Found	Claim
<b>Haifa Nutritech</b>				
<b>Altamonte Springs, FL</b>				
	<b>Dry Bulk Fertilizer MAP 12-61-0</b>		<b>05N-05108</b>	
		Arsenic, ug/g (ppm)	1.2	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	0.3	
		Commercial Value	160.	158
		Overall Index Value	101.	100
		Total Nitrogen, %	12.04	12
		Available Phosphate, %	61.79	61
		Lead, ug/g (ppm)	<1.0	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	12.1	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	59.4	
	<b>Dry Bulk Fertilizer Potassium Nitrate 13.5-0-46.2</b>		<b>05N-05109</b>	
		Commercial Value	85.9	86.7
		Overall Index Value	99.1	100
		Total Nitrogen, %	13.52	13.5
		Soluble Potash, %	45.32	46.2
<b>Howard Johnsons Enterprises Inc</b>				
<b>Milwaukee, WI</b>				
	<b>** Hardware Hank Starter Fertilizer 12-22-14</b>		<b>05N-08771</b>	
		Commercial Value	94.6	94
		Overall Index Value	101.	100
		Total Nitrogen, %	12.97	12
		Available Phosphate, %	20.78	22
		DEFICIENT		
		Soluble Potash, %	14.06	14
	<b>** Hardware Hank Turf Food 28-3-4</b>		<b>05N-08773</b>	
		Commercial Value	78.9	94
		Overall Index Value	90.8	100
		DEFICIENT		
		Total Nitrogen, %	25.14	28
		DEFICIENT		
		Available Phosphate, %	2.78	3
		Soluble Potash, %	5.03	4
	<b>** Hardware Hank All Purpose Fertilizer 10-10-10</b>		<b>05N-08774</b>	
		Commercial Value	55.4	60
		Overall Index Value	92.4	100
		DEFICIENT		
		Total Nitrogen, %	8.77	10
		DEFICIENT		
		Available Phosphate, %	9.48	10
		Soluble Potash, %	10.35	10
	<b>** Natural Garden Bone Meal</b>		<b>05N-10211</b>	
		Calcium, %	14.04	9
		Commercial Value	39.1	21
		Iron, %	0.46	2
		DEFICIENT		
		Overall Index Value	186.	100
		Magnesium, %	1.09	4
		DEFICIENT		
		Total Nitrogen, %	6.16	3
		Available Phosphate, %	10.33	6
	<b>Howard Johnsons Crabgrass Control Plus</b>		<b>05N-19764</b>	
		Commercial Value	65.0	65
		Overall Index Value	99.9	100
		Total Nitrogen, %	15.27	15
		Available Phosphate, %	4.73	5
		Soluble Potash, %	9.68	10

Manufacturer Location	Product	Analyte	Found	Claim
<b>IMC USA Inc.</b>				
Lake Forest, IL				
	<b>Dry Bulk Fertilizer 0-0-62</b>		<b>05N-01156</b>	
		Soluble Potash, %	61.23	62
	<b>Dry Bulk Fertilizer 0-0-62</b>		<b>05N-01161</b>	
		Soluble Potash, %	61.07	62
	<b>** Dry Bulk Fertilizer 0-0-62</b>		<b>05N-03303</b>	
		Soluble Potash, %	60.38	62
		DEFICIENT		
<b>Ironite Products Company</b>				
Scottsdale, AZ				
	<b>Ironite Liquid Lawn and Garden Spray 6-2-1</b>		<b>05N-00092</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	53.8	50
		Commercial Value	31.8	23
		Overall Index Value	138.	100
		Total Nitrogen, %	8.52	6
		Available Phosphate, %	2.00	2
		Soluble Potash, %	2.23	1
		Sulfur, %	1.06	1
		Lead, ug/g (ppm)	<1.0	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	0.8	
		Selenium, ug/g (ppm)	<0.040	
		Zinc, ug/g (ppm)	572.	500
	<b>Ironite 1-0-0</b>		<b>05N-02142</b>	
		Arsenic, ug/g (ppm)	4360	
		Cadmium, ug/g (ppm)	36.8	
		Cobalt, ug/g (ppm)	26.5	
		Calcium, %	3.43	2.5
		Iron, %	4.53	4.5
		Magnesium, %	1.51	1
		Total Nitrogen, %	2.09	1
		Sulfur, %	5.06	4.5
		Lead, ug/g (ppm)	3550	
		Mercury, ng/g (ppb)	10100	
		Mercury, ug/g (ppm)	5.1	
		Molybdenum, ug/g (ppm)	4.3	
		Nickel, ug/g (ppm)	33.4	
		Selenium, ug/g (ppm)	34.8	
		Zinc, ug/g (ppm)	12600.	
<b>Johnsons Ranchers Supply Inc</b>				
Wall, SD				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-07522</b>	
		Total Nitrogen, %	27.49	28
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-19333</b>	
		Total Nitrogen, %	28.48	28
<b>JRM</b>				
Cleveland, OH				
	<b>Soil Moist-Granules Plus</b>		<b>05N-01432</b>	
		Commercial Value	61.6	42
		Overall Index Value	147.	100
		Total Nitrogen, %	11.76	7
		Available Phosphate, %	6.60	7
		Soluble Potash, %	13.07	7

Manufacturer Location	Product	Analyte	Found	Claim
<b>JRS Rock Springs</b>				
<b>Rock Springs, WY</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-04394</b>	
		Commercial Value	136.	137
		Overall Index Value	99.4	100
		Total Nitrogen, %	10.95	11
		Available Phosphate, %	51.64	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-19336</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.19	11
		Available Phosphate, %	52.58	52
<b>Koch Nitrogen Company</b>				
<b>Sergeant Bluff, IA</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05922</b>	
		Total Nitrogen, %	46.69	46
<b>Lake Andes Coop</b>				
	<b>Water from Bulk Monitor Wells</b>		<b>05N-04356</b>	
		Ammonia Nitrogen, mg/L (ppm)	3260.	
		Nitrate Nitrogen, mg/L (ppm)	1520.	
		Orthophosphate, mg/L (ppm)	694.	
		TKN, mg/L (ppm)	4330.	
		Urea, mg/L	0.00	
<b>Lebanon Seaboard Corp</b>				
<b>Lebanon, PA</b>				
	<b>Preen Lawn Fertilizer 28-2-5</b>		<b>05N-02135</b>	
		Commercial Value	102.	93
		Overall Index Value	109.	100
		Total Nitrogen, %	29.74	28
		Available Phosphate, %	3.83	2
		Soluble Potash, %	4.72	5
	<b>Preen Garden Weed Preventer &amp; Fertilizer 9-17-9</b>		<b>05N-02136</b>	
		Chlorine, %	7.55	8
		Commercial Value	73.2	70
		Overall Index Value	105.	100
		Total Nitrogen, %	9.65	9
		Available Phosphate, %	17.44	17
		Soluble Potash, %	9.40	9
	<b>Preen Lawn Fertilizer 28-2-5</b>		<b>05N-02139</b>	
		Commercial Value	96.0	93
		Overall Index Value	103.	100
		Total Nitrogen, %	28.11	28
		Available Phosphate, %	3.04	2
		Soluble Potash, %	5.54	5
	<b>Preen Gardens &amp; Beds 9-17-9</b>		<b>05N-02140</b>	
		Chlorine, %	6.70	8
		Commercial Value	69.9	70
		Overall Index Value	99.9	100
		Total Nitrogen, %	9.18	9
		Available Phosphate, %	16.74	17
		Soluble Potash, %	8.91	9

Manufacturer Location	Product	Analyte	Found	Claim
<b>Martin Resources Seneca, IL</b>				
	<b>Dry Bulk Fertilizer 90% Sulfur</b>		<b>05N-05837</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	1.5	
		Sulfur, %	90.99	90
		Lead, ug/g (ppm)	3.3	
		Mercury, ng/g (ppb)	11.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	1.8	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	24.3	
<b>Midwest Cooperatives Onida, SD</b>				
	<b>Dry Bulk Fertilizer 21-0-0-S-24</b>		<b>05N-07533</b>	
		Total Nitrogen, %	20.89	21
		Sulfur, %	23.48	24
<b>Midwest Cooperatives Philip, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-07534</b>	
		Total Nitrogen, %	46.78	46
<b>Midwest Cooperatives Pierre, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-07535</b>	
		Total Nitrogen, %	46.63	46
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-08221</b>	
		Commercial Value	98.1	98
		Overall Index Value	100.	100
		Total Nitrogen, %	10.01	10
		Available Phosphate, %	34.02	34
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-17136</b>	
		Total Nitrogen, %	46.62	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-17137</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	10.98	11
		Available Phosphate, %	52.49	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-17138</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.04	11
		Available Phosphate, %	52.17	52
<b>Milorganite Division-MMSD Milwaukee, WI</b>				
	<b>Garden Care 6-2-0</b>		<b>05N-08815</b>	
		Calcium, %	1.94	1.2
		Chlorine, %	0.86	1
		Commercial Value	27.5	22
		Iron, %	5.06	4
		Overall Index Value	125.	100
		Total Nitrogen, %	6.30	6
		Available Phosphate, %	4.28	2

Manufacturer Location	Product	Analyte	Found	Claim
<b>Mosaic Minneapolis, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05123</b>	
		Total Nitrogen, %	46.65	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05561</b>	
		Total Nitrogen, %	46.63	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-06444</b>	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.03	18
		Available Phosphate, %	46.24	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-06445</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	1.7	
		Cobalt, ug/g (ppm)	3.0	
		Commercial Value	138.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.21	11
		Available Phosphate, %	52.00	52
		Lead, ug/g (ppm)	2.1	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	10.	
		Nickel, ug/g (ppm)	11.1	
		Selenium, ug/g (ppm)	0.137	
		Zinc, ug/g (ppm)	83.2	
<b>Mosaic Crop Nutrition, LLC Riverview, FL</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05606</b>	
		Commercial Value	144.	146
		Overall Index Value	98.6	100
		Total Nitrogen, %	17.44	18
		Available Phosphate, %	45.80	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05811</b>	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.18	18
		Available Phosphate, %	46.25	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05863</b>	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.11	18
		Available Phosphate, %	46.31	46
<b>Mosaic Crop Nutrition, LLC Savage, MN</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05562</b>	
		Commercial Value	146.	146
		Overall Index Value	99.7	100
		Total Nitrogen, %	17.99	18
		Available Phosphate, %	45.83	46
<b>Mosaic Phosphates Co. Lake Forest, IL</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-05805</b>	
		Soluble Potash, %	60.29	60
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-05810</b>	
		Soluble Potash, %	60.77	60



Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05840</b>	
		Commercial Value	146.	146
		Overall Index Value	99.7	100
		Total Nitrogen, %	18.14	18
		Available Phosphate, %	45.55	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05924</b>	
		Commercial Value	144.	146
		Overall Index Value	98.5	100
		Total Nitrogen, %	17.69	18
		Available Phosphate, %	45.39	46
<b>Nutra-Flo Company</b>				
<b>Sioux City, IA</b>				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-03065</b>	
		Total Nitrogen, %	27.94	28
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-03067</b>	
		Commercial Value	97.0	98
		Overall Index Value	99.0	100
		Total Nitrogen, %	9.89	10
		Available Phosphate, %	33.68	34
	<b>** Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-05322</b>	
		Commercial Value	95.0	98
		Overall Index Value	96.9	100
		DEFICIENT		
		Total Nitrogen, %	10.31	10
		Available Phosphate, %	32.07	34
		DEFICIENT		
	<b>** Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-05904</b>	
		Commercial Value	82.7	98
		Overall Index Value	84.6	100
		DEFICIENT		
		Total Nitrogen, %	9.30	10
		DEFICIENT		
		Available Phosphate, %	27.43	34
		DEFICIENT		
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-06088</b>	
		Commercial Value	97.0	98
		Overall Index Value	98.9	100
		Total Nitrogen, %	9.70	10
		Available Phosphate, %	33.93	34
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-06305</b>	
		Commercial Value	99.2	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.04	10
		Available Phosphate, %	34.56	34
	<b>** Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-07393</b>	
		Commercial Value	93.6	98
		Overall Index Value	95.5	100
		DEFICIENT		
		Total Nitrogen, %	11.53	10
		Available Phosphate, %	29.53	34
		DEFICIENT		
	<b>Nulex 10% Liquid Zinc</b>		<b>05N-07519</b>	
		Total Nitrogen, %	10.85	9
		Zinc, %	10.47	10
	<b>Liquid Bulk Fertilizer Thio-Sul 12-0-0-S-26</b>		<b>05N-07520</b>	
		Chlorine, %	0.10	1
		Total Nitrogen, %	11.60	12
		Sulfur, %	25.46	26
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-07634</b>	
		Commercial Value	96.8	98
		Overall Index Value	98.8	100
		Total Nitrogen, %	9.79	10
		Available Phosphate, %	33.73	34

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-08262</b>	
		Commercial Value	96.2	98
		Overall Index Value	98.1	100
		Total Nitrogen, %	9.79	10
		Available Phosphate, %	33.40	34
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-09584</b>	
		Commercial Value	97.3	98
		Overall Index Value	99.3	100
		Total Nitrogen, %	9.71	10
		Available Phosphate, %	34.09	34
<b>Oldcastle Store Products</b>				
<b>Easton, PA</b>				
	<b>Personal Gardners Soil Sweetner</b>		<b>05N-02143</b>	
		Calcium, %	31.60	32
		Magnesium, %	16.89	17
<b>PBI Gordon Corp.</b>				
<b>Kansas City, MO</b>				
	<b>Gordon's Liquid Lawn &amp; Pasture Fertilizer 20-2-3 with</b>		<b>05N-05790</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	<0.2	
		Commercial Value	68.6	67
		Overall Index Value	102.	100
		Total Nitrogen, %	20.20	20
		Available Phosphate, %	2.48	2
		Soluble Potash, %	3.07	3
		Sulfur, %	0.96	1
		Lead, ug/g (ppm)	<1.0	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	3.7	
		Nickel, ug/g (ppm)	1.1	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	87.1	
<b>PCS Sales Inc.</b>				
<b>Rocanville, SK</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>05N-10216</b>	
		Soluble Potash, %	60.39	60
<b>Plains Ag Service</b>				
<b>Elk Point, SD</b>				
	<b>Custom Dry Bulk Fertilizer 18.6-38.4-0-S-3.47</b>		<b>05N-05921</b>	
		Commercial Value	131.	132.6
		Overall Index Value	98.7	100
		Total Nitrogen, %	18.41	18.6
		Available Phosphate, %	37.75	38.4
		Sulfur, %	5.65	3.47
	<b>Custom Dry Bulk Fertilizer 36.7-14.7-0</b>		<b>05N-05926</b>	
		Commercial Value	143.	139.5
		Overall Index Value	102.	100
		Total Nitrogen, %	37.24	36.7
		Available Phosphate, %	15.46	14.7
	<b>Custom Dry Bulk Fertilizer 36.7-12.2-2.4</b>		<b>05N-05927</b>	
		Commercial Value	138.	136.9
		Overall Index Value	101.	100
		Total Nitrogen, %	36.86	36.7
		Available Phosphate, %	12.43	12.2
		Soluble Potash, %	2.87	2.4

Manufacturer Location	Product	Analyte	Found	Claim
Potash Corp. Rocanville, Saskatchewan,	Dry Bulk Fertilizer 0-0-60		<b>05N-20195</b>	
		Soluble Potash, %	59.19	60
Prescription Agronomics Ipswich, SD	*** Liquid Bulk Fertilizer 28-0-0		<b>05N-07514</b>	
		Total Nitrogen, % DEFICIENT	26.93	28
PSC Sales Saskatchewan, Canada,	Dry Bulk Fertilizer 0-0-60		<b>05N-10229</b>	
		Soluble Potash, %	59.82	60
Ramsdell F & M Ltd Flandreau, SD	*** Custom Liquid Bulk Fertilizer 7-21-7		<b>05N-05905</b>	
		Commercial Value	69.1	70
	Overall Index Value	98.7	100	
	Total Nitrogen, %	8.32	7	
	Available Phosphate, %	18.57	21	
	DEFICIENT			
	Soluble Potash, %	7.00	7	
	*** Custom Dry Bulk Fertilizer 35.12-11.71-4.68		<b>05N-05908</b>	
		Commercial Value	133.	133.46
		Overall Index Value	99.9	100
		Total Nitrogen, %	36.47	35.12
		Available Phosphate, %	9.39	11.71
	DEFICIENT			
	Soluble Potash, %	6.34	4.68	
	*** Liquid Bulk Fertilizer 7-21-7		<b>05N-08263</b>	
Commercial Value		69.2	70	
Overall Index Value		98.7	100	
Total Nitrogen, %		9.76	7	
Available Phosphate, %		17.37	21	
DEFICIENT				
Soluble Potash, %	5.27	7		
DEFICIENT				
*** Liquid Bulk Fertilizer 28-0-0		<b>05N-08264</b>		
	Total Nitrogen, %	23.97	28	
	DEFICIENT			
Saskferco Belle Plaine, Sask., CN	Dry Bulk Fertilizer 46-0-0		<b>05N-03302</b>	
		Total Nitrogen, %	46.84	46
	Dry Bulk Fertilizer 46-0-0		<b>05N-04393</b>	
		Total Nitrogen, %	46.63	46
	Dry Bulk Fertilizer 46-0-0		<b>05N-05104</b>	
		Total Nitrogen, %	46.73	46
	Dry Bulk Fertilizer 46-0-0		<b>05N-05809</b>	
		Total Nitrogen, %	46.59	46
	Dry Bulk Fertilizer 46-0-0		<b>05N-05864</b>	
		Total Nitrogen, %	46.70	
Dry Bulk Fertilizer 46-0-0		<b>05N-20193</b>		
	Total Nitrogen, %	46.41	46	

Manufacturer Location	Product	Analyte	Found	Claim
Schultz Company Bridgeton, MO	<b>Orchid Food</b>		<b>05N-08812</b>	
		Commercial Value	136.	136
		Overall Index Value	100.	100
		Total Nitrogen, %	18.88	19
		Available Phosphate, %	31.73	31
		Soluble Potash, %	16.39	17
	<b>Schultz Evergreen, Tree and Shrub Slow-Release Plant</b>		<b>05N-08813</b>	
		Commercial Value	64.7	63
		Iron, %	1.94	1.17
		Overall Index Value	103.	100
		Total Nitrogen, %	13.83	14
		Available Phosphate, %	7.95	7
		Soluble Potash, %	7.27	7
		Sulfur, %	3.38	2.3
	<b>Schultz Bloom Plus Plant Food 10-54-10</b>		<b>05N-10212</b>	
		Commercial Value	153.	148
		Overall Index Value	104.	100
		Total Nitrogen, %	10.58	10
		Available Phosphate, %	55.38	54
		Soluble Potash, %	10.82	10
	<b>Schultz All Purpose Plant Food 20-30-20</b>		<b>05N-21294</b>	
		Commercial Value	140.	140
		Overall Index Value	100.	100
		Total Nitrogen, %	19.78	20
		Available Phosphate, %	30.06	30
	Soluble Potash, %	20.50	20	
<b>Schultz Tomato Food 17-19-29</b>		<b>05N-21295</b>		
	Commercial Value	121.	118	
	Overall Index Value	103.	100	
	Total Nitrogen, %	17.64	17	
	Available Phosphate, %	19.30	19	
	Soluble Potash, %	29.87	29	
<b>Schultz All Purpose "Starts &amp; Feeds" 10-15-10 Plant</b>		<b>05N-21297</b>		
	Commercial Value	70.9	70	
	Overall Index Value	101.	100	
	Total Nitrogen, %	10.16	10	
	Available Phosphate, %	15.41	15	
	Soluble Potash, %	9.76	10	
<b>Schultz Azalea, Camellia, Rhododendron Plant Food</b>		<b>05N-21299</b>		
	Commercial Value	129.	126	
	Overall Index Value	102.	100	
	Total Nitrogen, %	31.58	32	
	Available Phosphate, %	11.40	10	
	Soluble Potash, %	11.30	10	
<b>Garden Safe Liquid All Purpose Plant Food 3-1-5</b>		<b>05N-21304</b>		
	Commercial Value	16.7	16	
	Overall Index Value	104.	100	
	Total Nitrogen, %	2.92	3	
	Available Phosphate, %	0.77	1	
	Soluble Potash, %	6.36	5	

Manufacturer Location	Product	Analyte	Found	Claim	
Scotts Company Marysville, OH	<b>Miracle Gro Plant Food Spikes 6-12-6</b>		<b>05N-01451</b>		
		Commercial Value	51.3	48	
		Overall Index Value	107.	100	
		Total Nitrogen, %	6.24	6	
		Available Phosphate, %	13.02	12	
		Soluble Potash, %	6.50	6	
		<b>Osmocote Plant Food</b>		<b>05N-01452</b>	
		Commercial Value	84.9	81	
		Overall Index Value	105.	100	
		Total Nitrogen, %	19.48	19	
		Available Phosphate, %	6.76	6	
		Soluble Potash, %	12.93	12	
		<b>All Purpose Plant Food</b>		<b>05N-01455</b>	
		Commercial Value	53.0	52	
		Overall Index Value	102.	100	
		Total Nitrogen, %	12.09	12	
		Available Phosphate, %	4.21	4	
		Soluble Potash, %	8.31	8	
		<b>Scott's Blood Meal</b>		<b>05N-02137</b>	
		Total Nitrogen, %	12.92	12	
		<b>Scott's Bone Meal 6-12-0</b>		<b>05N-02138</b>	
		Commercial Value	50.6	42	
		Overall Index Value	120.	100	
		Total Nitrogen, %	6.18	6	
		Available Phosphate, %	16.01	12	
		<b>Scotts Azalea, Camellia, Rhododendron Food 16-2-3</b>		<b>05N-05787</b>	
		Commercial Value	60.1	55	
		Overall Index Value	109.	100	
		Total Nitrogen, %	17.22	16	
		Available Phosphate, %	2.41	2	
	Soluble Potash, %	3.60	3		
	<b>Scotts Starter Fertilizer 20-27-5</b>		<b>05N-08225</b>		
	Commercial Value	123.	119		
	Overall Index Value	103.	100		
	Total Nitrogen, %	21.38	20		
	Available Phosphate, %	26.67	27		
	Soluble Potash, %	5.22	5		
	<b>Scott's 30-3-3</b>		<b>05N-08267</b>		
	Commercial Value	98.0	99		
	Iron, %	2.32	2		
	Overall Index Value	99.0	100		
	Total Nitrogen, %	29.77	30		
	Available Phosphate, %	2.77	3		
	Soluble Potash, %	3.18	3		
	Sulfur, %	8.62	8		
Scotts Miracle Gro Marysville, OH	<b>Miracle Gro Evergreen Fertilizer Spikes 12-6-12</b>		<b>05N-03600</b>		
		Commercial Value	72.1	60	
		Overall Index Value	120.	100	
		Total Nitrogen, %	14.49	12	
		Available Phosphate, %	7.25	6	
		Soluble Potash, %	14.16	12	
		Sulfur, %	14.90	14	

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Miracle-Gro Pro Select All Purpose Plant Food</b>		<b>05N-07075</b>	
		Commercial Value	123.	120
		Overall Index Value	102.	100
		Total Nitrogen, %	21.05	20
		Available Phosphate, %	19.72	20
		Soluble Potash, %	20.21	20
	<b>Miracid Pro Select Acid Loving Plant Food 30-10-10</b>		<b>05N-07076</b>	
		Commercial Value	120.	120
		Overall Index Value	99.6	100
		Total Nitrogen, %	29.31	30
		Available Phosphate, %	10.68	10
		Soluble Potash, %	10.24	10
	<b>Miracle-Gro Liquid Houseplant Food 8-7-6</b>		<b>05N-07078</b>	
		Commercial Value	47.2	44
		Overall Index Value	107.	100
		Total Nitrogen, %	8.50	8
		Available Phosphate, %	7.71	7
		Soluble Potash, %	6.29	6
	<b>Miracle Gro Water Soluble All Purpose Plant Food</b>		<b>05N-08573</b>	
		Commercial Value	127.	120
		Overall Index Value	106.	100
		Total Nitrogen, %	16.40	15
		Available Phosphate, %	31.33	30
		Soluble Potash, %	15.41	15
	<b>Miracle-Gro Water Soluble All Purpose Plant Food</b>		<b>05N-09581</b>	
		Commercial Value	125.	120
		Overall Index Value	105.	100
		Total Nitrogen, %	16.25	15
		Available Phosphate, %	30.71	30
		Soluble Potash, %	15.27	15
<b>Scotts Miracle-Grow</b> <b>Port Washington, NY</b>				
	<b>Liquid Miracle Gro African Violet Food 7-7-7</b>		<b>05N-21303</b>	
		Commercial Value	45.9	42
		Overall Index Value	109.	100
		Total Nitrogen, %	8.00	7
		Available Phosphate, %	7.51	7
		Soluble Potash, %	6.88	7
<b>Scotts Sierra Horticulture</b> <b>Marysville, OH</b>				
	<b>Osmocote Outdoor &amp; Indoor Plant Food</b>		<b>05N-07077</b>	
		Commercial Value	87.2	81
		Overall Index Value	108.	100
		Total Nitrogen, %	20.19	19
		Available Phosphate, %	6.90	6
		Soluble Potash, %	12.82	12
	<b>Osmocote Vegetable &amp; Bedding Plant Food</b>		<b>05N-17675</b>	
		Commercial Value	84.9	84
		Overall Index Value	101.	100
		Total Nitrogen, %	14.82	14
		Available Phosphate, %	13.38	14
		Soluble Potash, %	13.69	14

Manufacturer Location	Product	Analyte	Found	Claim
<b>SD Wheat Growers</b>				
<b>Wolsey, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-03301</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.09	11
		Available Phosphate, %	52.23	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-05624</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.34	11
		Available Phosphate, %	52.41	52
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-05625</b>	
		Total Nitrogen, %	20.73	21
		Sulfur, %	24.62	24
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-05631</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.18	11
		Available Phosphate, %	51.82	52
<b>SD Wheatgrowers</b>				
<b>Roscoe, SD</b>				
	<b>*#* Custom Dry Bulk Fertilizer 36-16-0</b>		<b>05N-07510</b>	
		Commercial Value	110.	140
		Overall Index Value	99.3	100
		Total Nitrogen, %	31.43	36
		DEFICIENT		
		Available Phosphate, %	23.32	16
<b>SD Wheatgrowers Assn</b>				
<b>Aberdeen, SD</b>				
	<b>Custom Dry Bulk Fertilizer 35-18-0</b>		<b>05N-05602</b>	
		Commercial Value	144.	141
		Overall Index Value	102.	100
		Total Nitrogen, %	35.80	35
		Available Phosphate, %	18.17	18
<b>SD Wheatgrowers Assn</b>				
<b>Bristol, SD</b>				
	<b>Custom Dry Bulk Fertilizer 7.33-34.67-20</b>		<b>05N-05124</b>	
		Commercial Value	113.	111
		Overall Index Value	101.	100
		Total Nitrogen, %	7.44	7.33
		Available Phosphate, %	34.76	34.67
		Soluble Potash, %	20.91	20
	<b>Custom Dry Bulk Fertilizer 36.2-16.09-0</b>		<b>05N-05126</b>	
		Commercial Value	141.	140.78
		Overall Index Value	100.	100
		Total Nitrogen, %	36.57	36.2
		Available Phosphate, %	15.71	16.09
	<b>Custom Dry Bulk Fertilizer 32.72-15.01-5.4</b>		<b>05N-05129</b>	
		Commercial Value	133.	133.58
		Overall Index Value	99.4	100
		Total Nitrogen, %	31.86	32.72
		Available Phosphate, %	15.44	15.01
		Soluble Potash, %	6.31	5.4

Manufacturer Location	Product	Analyte	Found	Claim
SD Wheatgrowers Assn Huron, SD	<b>** Custom Dry Bulk Fertilizer 41-8-0</b>		<b>05N-05130</b>	
		Commercial Value	138.	141
		Overall Index Value	100.	100
		Total Nitrogen, %	42.03	41
		Available Phosphate, %	6.46	8
		DEFICIENT		
	<b>** Custom Dry Bulk Fertilizer 36-16-6</b>		<b>05N-05131</b>	
		Commercial Value	133.	146
		Overall Index Value	99.5	100
		Total Nitrogen, %	29.25	36
		DEFICIENT		
		Available Phosphate, %	17.77	16
		Soluble Potash, %	8.29	6
	<b>Custom Dry Bulk Fertilizer 9-42-12</b>		<b>05N-05132</b>	
		Commercial Value	124.	123
		Overall Index Value	101.	100
		Total Nitrogen, %	9.78	9
		Available Phosphate, %	41.55	42
		Soluble Potash, %	12.06	12
	<b>** Custom Dry Bulk Fertilizer 14-35-11 S-4.1</b>		<b>05N-05133</b>	
		Commercial Value	116.	123
		Overall Index Value	94.0	100
		DEFICIENT		
		Total Nitrogen, %	13.23	14
		DEFICIENT		
		Available Phosphate, %	31.84	35
		DEFICIENT		
		Soluble Potash, %	12.63	11
		Sulfur, %	5.97	4.1
	<b>Custom Dry Bulk Fertilizer 38-11-0</b>		<b>05N-04650</b>	
		Commercial Value	139.	136
		Overall Index Value	101.	100
		Total Nitrogen, %	38.60	38.43
		Available Phosphate, %	11.71	11.24
	<b>** Custom Dry Bulk Fertilizer 34-17-0</b>		<b>05N-04651</b>	
		Commercial Value	140.	136
		Overall Index Value	102.	100
		Total Nitrogen, %	36.92	34.33
		Available Phosphate, %	15.36	17.33
		DEFICIENT		
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-04652</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.39	11
	Available Phosphate, %	52.33	52	
<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-04653</b>		
	Total Nitrogen, %	46.68	46	
<b>** Custom Dry Bulk Fertilizer 29-25-0</b>		<b>05N-04654</b>		
	Commercial Value	135.	137	
	Overall Index Value	98.2	100	
	Total Nitrogen, %	29.26	29.12	
	Available Phosphate, %	22.51	25.08	
	DEFICIENT			
<b>** Custom Dry Bulk Fertilizer 28-27-0</b>		<b>05N-04655</b>		
	Commercial Value	141.	138	
	Overall Index Value	103.	100	
	Total Nitrogen, %	30.35	27.76	
	Available Phosphate, %	24.87	27.1	
	DEFICIENT			
<b>Custom Dry Bulk Fertilizer 17-44-0</b>		<b>05N-04656</b>		
	Commercial Value	140.	139	
	Overall Index Value	102.	100	
	Total Nitrogen, %	17.75	16.59	
	Available Phosphate, %	43.21	43.7	



Manufacturer Location	Product	Analyte	Found	Claim
	<b>Custom Dry Bulk Fertilizer 27-18-0-S 5.1 Zn 1.5</b>		<b>05N-04657</b>	
		Commercial Value	121.	117
		Overall Index Value	103.	100
		Total Nitrogen, %	28.56	27.42
		Available Phosphate, %	17.70	17.93
		Sulfur, %	5.84	5.09
		Zinc, %	1.44	1.47
	<b>Custom Dry Bulk Fertilizer 39-10-0</b>		<b>05N-04658</b>	
		Commercial Value	141.	137
		Overall Index Value	103.	100
		Total Nitrogen, %	38.74	39
		Available Phosphate, %	12.48	10.4
	<b>Custom Dry Bulk Fertilizer 36-15-0</b>		<b>05N-04659</b>	
		Commercial Value	142.	138
		Overall Index Value	103.	100
		Total Nitrogen, %	37.20	35.76
		Available Phosphate, %	15.26	15.22
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-06470</b>	
		Total Nitrogen, %	27.33	28
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>05N-06471</b>	
		Commercial Value	98.3	98
		Overall Index Value	100.	100
		Total Nitrogen, %	9.85	10
		Available Phosphate, %	34.38	34
<b>Simplot Canada Limited</b>				
<b>Brandon MB,</b>				
	<b>Urea Ammonium Nitrate Solution 28-0-0</b>		<b>05N-04290</b>	
		Total Nitrogen, %	27.88	28
<b>Simplot Grower Solutions</b>				
<b>Beresford, SD</b>				
	<b>Custom Dry Bulk Fertilizer 33.09-11.03-5.51-S1.65 with</b>		<b>05N-05862</b>	
		Commercial Value	128.	126.84
		Overall Index Value	101.	100
		Total Nitrogen, %	33.21	33.09
		Available Phosphate, %	10.90	11.03
		Soluble Potash, %	6.93	5.51
		Sulfur, %	1.92	1.65
<b>Spectrum Group-Div of United Industries</b>				
<b>St. Louis, MO</b>				
	<b>Holland Bulb Booster 9-9-6</b>		<b>05N-02141</b>	
		Commercial Value	55.5	51
		Overall Index Value	109.	100
		Total Nitrogen, %	9.76	9
		Available Phosphate, %	9.95	9
		Soluble Potash, %	6.35	6
<b>Terra Nitrogen Corp</b>				
<b>Sioux City, IA</b>				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-03068</b>	
		Total Nitrogen, %	28.19	28
	<b>Liquid Bulk Fertilizer 32-0-0</b>		<b>05N-05038</b>	
		Total Nitrogen, %	32.01	32
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-05873</b>	
		Total Nitrogen, %	28.02	28
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-06198</b>	
		Total Nitrogen, %	28.09	28

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-06910</b>	
		Total Nitrogen, %	28.27	28
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>05N-09583</b>	
		Total Nitrogen, %	28.01	28
<b>Tessenderlo Kerley Inc</b> <b>Phoenix, AZ</b>	<b>Liquid Bulk Fertilizer N-Sure 28-0-0-CI-1</b>		<b>05N-09830</b>	
		Chlorine, %	0.96	1
		Total Nitrogen, %	28.67	28
<b>The Espoma Co.</b> <b>Millville, NJ</b>	<b>Espoma Garden-tone Organic Fertilizer 4-6-6</b>		<b>05N-01442</b>	
		Calcium, %	3.17	3
		Commercial Value	39.2	30
		Iron, %	0.98	1
		Overall Index Value	131.	100
		Total Nitrogen, %	5.74	4
		Available Phosphate, %	7.55	6
		Soluble Potash, %	6.88	6
		Sulfur, %	7.26	5
	<b>Espoma Quick Solutions Garden Food 5-10-5</b>		<b>05N-17676</b>	
		Commercial Value	47.6	40
		Overall Index Value	119.	100
		Total Nitrogen, %	6.12	5
		Available Phosphate, %	10.96	10
		Soluble Potash, %	7.32	5
<b>The Scotts Company</b> <b>Marysville, OH</b>	<b>Scotts Natural BoneMeal 6-12-0</b>		<b>05N-03597</b>	
		Commercial Value	53.1	42
		Overall Index Value	126.	100
		Total Nitrogen, %	5.53	6
		Available Phosphate, %	18.27	12
	<b>Scotts Starter Fertilizer 20-27-5</b>		<b>05N-03598</b>	
		Commercial Value	125.	119
		Overall Index Value	105.	100
		Total Nitrogen, %	21.67	20
		Available Phosphate, %	27.50	27
		Soluble Potash, %	4.61	5
	<b>Scotts Liquid Turf Builder 29-2-3</b>		<b>05N-03601</b>	
		Commercial Value	96.1	94
		Overall Index Value	102.	100
		Total Nitrogen, %	29.58	29
		Available Phosphate, %	2.15	2
		Soluble Potash, %	3.09	3
	<b>Scotts Natural Blood Meal 12-0-0</b>		<b>05N-03602</b>	
		Total Nitrogen, %	14.37	12
	<b>Scotts Rose &amp; Bloom 12-4-8</b>		<b>05N-07485</b>	
		Commercial Value	63.9	52
		Overall Index Value	123.	100
		Total Nitrogen, %	14.51	12
		Available Phosphate, %	5.19	4
		Soluble Potash, %	10.01	8
		Sulfur, %	3.51	2.2

Manufacturer Location	Product	Analyte	Found	Claim	
	<b>Scotts Super Turf Builder 30-3-3</b>		<b>05N-08772</b>		
		Commercial Value	101.	99	
		Overall Index Value	102.	100	
		Total Nitrogen, %	30.48	30	
		Available Phosphate, %	3.30	3	
		Soluble Potash, %	3.15	3	
		<b>Dry Container Fertilizer 28-3-3-S-10</b>		<b>05N-09826</b>	
		Commercial Value	94.7	93	
		Overall Index Value	102.	100	
		Total Nitrogen, %	28.13	28	
		Available Phosphate, %	3.43	3	
		Soluble Potash, %	3.49	3	
		Sulfur, %	11.32	10	
		<b>Scotts Turf Builder 29-3-4</b>		<b>05N-09827</b>	
		Commercial Value	96.5	94	
		Iron, %	2.50	2	
		Overall Index Value	103.	100	
	Total Nitrogen, %	28.92	28		
	Available Phosphate, %	2.89	3		
	Soluble Potash, %	3.98	4		
	Sulfur, %	9.20	8		
<b>United Horticultural Supply</b>					
Fremont, NE					
	<b>Dyna Gro Weed &amp; Feed Plus Fertilizer</b>		<b>05N-19766</b>		
	Commercial Value	82.4	84		
	Iron, %	0.98	1		
	Overall Index Value	98.1	100		
	Total Nitrogen, %	24.56	25		
	Available Phosphate, %	2.98	3		
	Soluble Potash, %	2.99	3		
<b>United Suppliers Inc.</b>					
Eldora, IA					
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-03774</b>		
	Total Nitrogen, %	46.68	46		
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-03775</b>		
	Commercial Value	138.	137		
	Overall Index Value	101.	100		
	Total Nitrogen, %	11.02	11		
	Available Phosphate, %	52.55	52		
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05105</b>		
	Commercial Value	147.	146		
	Overall Index Value	101.	100		
	Total Nitrogen, %	17.97	18		
	Available Phosphate, %	46.51	46		
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>05N-05106</b>		
	Commercial Value	138.	137		
	Overall Index Value	101.	100		
	Total Nitrogen, %	11.43	11		
	Available Phosphate, %	52.01	52		
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05841</b>		
	Total Nitrogen, %	46.73	46		
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05907</b>		
	Total Nitrogen, %	46.49	46		
	<b>Dry Bulk Fertilizer 21-0-0-24</b>		<b>05N-05923</b>		
	Total Nitrogen, %	21.09	21		
	Sulfur, %	24.50	24		

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-15056</b>	
		Commercial Value	145.	146
		Overall Index Value	99.3	100
		Total Nitrogen, %	17.65	18
		Available Phosphate, %	45.99	46
<b>Valley Springs Farmers Coop</b>				
<b>Valley Springs, SD</b>				
	<b>Custom Dry Bulk Fertilizer 24.3-13.0-16.2-S-1.6</b>		<b>05N-05838</b>	
		Commercial Value	116.	115.1
		Overall Index Value	101.	100
		Total Nitrogen, %	23.94	24.3
		Available Phosphate, %	12.97	13
		Soluble Potash, %	18.09	16.2
		Sulfur, %	1.80	1.6
	<b>Custom Dry Bulk Fertilizer 27.1-15.0-11.2</b>		<b>05N-05839</b>	
		Commercial Value	130.	122.5
		Overall Index Value	106.	100
		Total Nitrogen, %	26.34	27.1
		Available Phosphate, %	18.66	15
		Soluble Potash, %	13.03	11.2
	<b>** Custom Dry Bulk Fertilizer 19.3-19.3-19.4</b>		<b>05N-05842</b>	
		Commercial Value	112.	115.9
		Overall Index Value	96.8	100
		DEFICIENT		
		Total Nitrogen, %	19.49	19.3
		Available Phosphate, %	16.05	19.3
		DEFICIENT		
		Soluble Potash, %	22.51	19.4
<b>Voluntary Purchasing Groups, Inc.</b>				
<b>Bonham, TX</b>				
	<b>Fertilome Blooming and Rooting Soluble Plant Food</b>		<b>05N-01020</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	<0.2	
		Commercial Value	155.	143
		Overall Index Value	101.	100
		Total Nitrogen, %	9.31	9
		Available Phosphate, %	59.20	59
		Soluble Potash, %	8.65	8
		Lead, ug/g (ppm)	<1.0	
		Mercury, ng/g (ppb)	<10.0	
		Mercury, ug/g (ppm)	<1.0	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	0.7	
		Selenium, ug/g (ppm)	<0.130	
		Zinc, ug/g (ppm)	7.12	
	<b>** Ferti-Lome Acid Loving Formula 31-11-11</b>		<b>05N-01433</b>	
		Commercial Value	126.	126
		Overall Index Value	102.	100
		Total Nitrogen, %	31.16	31
		Available Phosphate, %	8.71	11
		DEFICIENT		
		Soluble Potash, %	13.06	11
	<b>Ferti-Lome Gardener's Special Soluble Plant Food</b>		<b>05N-01434</b>	
		Commercial Value	127.	121
		Overall Index Value	105.	100
		Total Nitrogen, %	23.34	23
		Available Phosphate, %	19.94	18
		Soluble Potash, %	16.76	16

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Ferti-Lome Root Stimulator &amp; Plant Starter Solution</b>		<b>05N-01435</b>	
		Commercial Value	37.1	35
		Overall Index Value	106.	100
		Total Nitrogen, %	4.48	4
		Available Phosphate, %	10.34	10
		Soluble Potash, %	3.02	3
	<b>** Hi Yield Muriate of Potash 0-0-60</b>		<b>05N-01437</b>	
		Soluble Potash, %	58.13	60
		DEFICIENT		
	<b>Hi Yield Cottonseed Meal 6-1-1</b>		<b>05N-01439</b>	
		Commercial Value	21.8	21
		Overall Index Value	104.	100
		Total Nitrogen, %	6.43	6
		Available Phosphate, %	0.39	1
		Soluble Potash, %	1.82	1
	<b>Hi Yield Garden Fertilizer 8-10-8</b>		<b>05N-01441</b>	
		Commercial Value	59.3	52
		Overall Index Value	114.	100
		Total Nitrogen, %	7.83	8
		Available Phosphate, %	13.30	10
		Soluble Potash, %	9.21	8
	<b>Fish Fertilizer</b>		<b>05N-08814</b>	
		Commercial Value	18.7	18
		Overall Index Value	104.	100
		Total Nitrogen, %	4.64	5
		Available Phosphate, %	1.45	1
		Soluble Potash, %	1.92	1
	<b>Ferti-Lome Root Stimulator &amp; Plant Starter 4-10-3</b>		<b>05N-17670</b>	
		Commercial Value	36.6	35
		Overall Index Value	105.	100
		Total Nitrogen, %	4.19	4
		Available Phosphate, %	10.47	10
		Soluble Potash, %	3.11	3
	<b>Hi Yield Garden Fertilizer 8-10-8</b>		<b>05N-17674</b>	
		Commercial Value	57.2	52
		Overall Index Value	110.	100
		Total Nitrogen, %	8.54	8
		Available Phosphate, %	11.55	10
		Soluble Potash, %	8.47	8
<b>Voluntary Purchasing Grps. Inc.</b>				
<b>Bonham, TX</b>				
	<b>Dutch Bulb Food 7-8-5</b>		<b>05N-01431</b>	
		Commercial Value	43.5	42
		Overall Index Value	104.	100
		Total Nitrogen, %	7.62	7
		Available Phosphate, %	7.72	8
		Soluble Potash, %	5.21	5
	<b>Hi Yield Horticultural Hydrated Lime</b>		<b>05N-01436</b>	
		Calcium, %	51.41	51
	<b>Hi Yield Bone Meal 0-10-0</b>		<b>05N-01438</b>	
		Available Phosphate, %	12.59	10
	<b>** Dutch Bulb Food 7-8-5</b>		<b>05N-17666</b>	
		Commercial Value	43.0	42
		Overall Index Value	102.	100
		Total Nitrogen, %	6.22	7
		DEFICIENT		
		Available Phosphate, %	9.33	8
		Soluble Potash, %	5.74	5

Manufacturer Location	Product	Analyte	Found	Claim
	<b>** Ferti-Lome Acid Loving Soluble Plant Food 31-11-11</b>		<b>05N-17667</b>	
	Commercial Value		126.	126
	Overall Index Value		99.6	100
	Total Nitrogen, %		29.22	31
	DEFICIENT			
	Available Phosphate, %		12.20	11
	Soluble Potash, %		13.11	11
	<b>Ferti-Lome Gardener's Special Soluble Plant Food</b>		<b>05N-17668</b>	
	Commercial Value		127.	121
	Overall Index Value		105.	100
	Total Nitrogen, %		22.79	23
	Available Phosphate, %		19.71	18
	Soluble Potash, %		18.93	16
	<b>Hi Yield Horticultural Hydrated Lime</b>		<b>05N-17669</b>	
	Calcium, %		52.52	51
	<b>Hi Yield Muriate of Potash 0-0-60</b>		<b>05N-17671</b>	
	Soluble Potash, %		58.62	60
	<b>Hi Yield Bone Meal 0-10-0</b>		<b>05N-17672</b>	
	Available Phosphate, %		12.03	10
	<b>Hi Yield Cottonseed Meal 6-1-1</b>		<b>05N-17673</b>	
Commercial Value		23.8	21	
Overall Index Value		113.	100	
Total Nitrogen, %		6.99	6	
Available Phosphate, %		0.44	1	
Soluble Potash, %		1.97	1	
<b>** Ferti-Lome Tree &amp; Shrub Food 19-8-10</b>		<b>05N-17677</b>		
Commercial Value		88.6	83	
Iron, %		2.09	1	
Overall Index Value		107.	100	
Total Nitrogen, %		16.95	19	
DEFICIENT				
Available Phosphate, %		12.55	8	
Soluble Potash, %		11.78	10	
Sulfur, %		2.03	1	
<b>Watertown Coop Elevator</b>				
<b>Watertown, SD</b>				
<b>** Custom Dry Bulk Fertilizer 35-18-0</b>		<b>05N-04947</b>		
Commercial Value		114.	141.12	
Overall Index Value		100.	100	
Total Nitrogen, %		33.44	35.08	
DEFICIENT				
Available Phosphate, %		20.92	17.94	
<b>Custom Dry Bulk Fertilizer 37.74-0-10.78</b>		<b>05N-06041</b>		
Commercial Value		124.	124	
Overall Index Value		100.	100	
Total Nitrogen, %		37.12	37.74	
Soluble Potash, %		13.02	10.78	
<b>Custom Dry Bulk Fertilizer 35.43-6.57-8.57</b>		<b>05N-06043</b>		
Commercial Value		129.	128	
Overall Index Value		101.	100	
Total Nitrogen, %		35.44	35.43	
Available Phosphate, %		7.43	6.57	
Soluble Potash, %		8.15	8.57	
<b>West Central Inc.</b>				
<b>St. Paul, MN</b>				
<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-05906</b>		
Commercial Value		147.	146	
Overall Index Value		101.	100	
Total Nitrogen, %		18.12	18	
Available Phosphate, %		46.37	46	

Manufacturer Location	Product	Analyte	Found	Claim
<b>West Central Inc.</b>				
<b>Willmar, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05859</b>	
		Total Nitrogen, %	46.94	46
<b>Western Consolidated Coop</b>				
<b>Holloway, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-05803</b>	
		Total Nitrogen, %	46.72	46
<b>Wilbur-Ellis - Minot</b>				
<b>Yakima, WA</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-03776</b>	
		Total Nitrogen, %	46.73	46
<b>Winona River &amp; Rail</b>				
<b>Winona, MN</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>05N-08261</b>	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.11	18
		Available Phosphate, %	45.89	46
<b>Yale Farmers Coop Elevator</b>				
<b>Cavour, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>05N-06473</b>	
		Total Nitrogen, %	46.55	46

SECTION C:

REGULATORY

ANALYTE

TOTALS



# Regulatory Analyte Totals

Fertilizers Samples	Units	Received From 1/1/2005 To 12/31/2005
Ammonia Nitrogen	mg/L (ppm)	7
Arsenic	ug/g (ppm)	15
Cadmium	ug/g (ppm)	15
Cobalt	ug/g (ppm)	15
Calcium	%	10
Chlorine	%	7
Commercial Value		244
Iron	%	13
Overall Index Value		244
Magnesium	%	4
Total Nitrogen	%	350
Available Phosphate	%	242
Soluble Potash	%	146
Sulfur	%	58
Zinc	%	5
Lead	ug/g (ppm)	15
Mercury	ng/g (ppb)	15
Mercury	ug/g (ppm)	15
Molybdenum	ug/g (ppm)	15
Nickel	ug/g (ppm)	15
Nitrate Nitrogen	mg/L (ppm)	7
Orthophosphate	mg/L (ppm)	7
Potassium	mg/L (ppm)	3
Selenium	ug/g (ppm)	15
Soil Moisture	%	2
Soluble Potash	ug/g (ppm)	2
Nitrate Nitrogen	ug/g (ppm)	2
Ammonium Nitrogen	ug/g (ppm)	2
Total Nitrogen	ug/g (ppm)	2
Available Phosphate	ug/g (ppm)	2
Urea-nitrogen	ug/g (ppm)	2
Total Kjeldahl Nitrogen (TKN)	mg/L (ppm)	7
Fertilizers Samples	Units	Received From 1/1/2005 To 12/31/2005
Urea	mg/L	7
Zinc	ug/g (ppm)	15

SECTION D:

FERTILIZER

TONNAGE

SUMMARY

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	0-0-0	0.00	0.00	0.00	0.00	0.00	0.00
0	0-0-0.32	1.00	1.00	0.00	0.00	0.00	1.00
0	0-0-7	3.00	3.00	0.00	0.00	1.00	2.00
0	0-0-8	3.03	3.03	0.00	0.00	3.03	0.00
0	0-0-13	0.50	0.50	0.00	0.00	0.00	0.50
0	0-0-20	129.00	0.00	129.00	0.00	129.00	0.00
0	0-0-25	70.57	0.05	0.00	70.52	70.52	0.05
0	0-0-30	7.73	4.16	3.57	0.00	4.05	3.68
0	0-0-45	1.05	1.05	0.00	0.00	0.00	1.05
0	0-0-50	5.81	5.81	0.00	0.00	1.46	4.35
0	0-0-51	0.30	0.30	0.00	0.00	0.30	0.00
0	0-0-52	1.00	1.00	0.00	0.00	1.00	0.00
0	0-0-61	1,325.33	0.45	1,324.88	0.00	1,325.33	0.00
0	0-0.01-0	3.80	3.80	0.00	0.00	0.00	3.80
0	0-0.1-0	0.51	0.51	0.00	0.00	0.00	0.51
0	0-3-2	278.00	0.00	278.00	0.00	278.00	0.00
0	0-52-32	23.92	23.92	0.00	0.00	23.92	0.00
0	0-55-0	360.19	0.00	0.00	360.19	360.19	0.00
0	0.013-0.019	37,200.00	18,600.00	18,600.00	0.00	18,600.00	18,600.00
0	0.02-0.02-0.	0.51	0.00	0.00	0.51	0.00	0.51
0	0.04-0.01-0.	1.16	1.16	0.00	0.00	0.00	1.16
0	0.05-0.01-0.	3.36	3.36	0.00	0.00	0.00	3.36
0	0.05-0.02-0.	1.03	1.03	0.00	0.00	0.00	1.03
0	0.05-0.03-0.	6.81	6.81	0.00	0.00	0.00	6.81
0	0.05-0.05-0.	68.40	68.40	0.00	0.00	0.00	68.40
0	0.05-0.1-0.0	13.88	13.88	0.00	0.00	0.00	13.88
0	0.05-0.5-0	3.40	3.40	0.00	0.00	0.00	3.40
0	0.06-0.08-0.	4.96	4.96	0.00	0.00	0.00	4.96
0	0.07-0.01-0.	3.01	3.01	0.00	0.00	0.00	3.01
0	0.07-0.14-0.	0.58	0.58	0.00	0.00	0.00	0.58

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	0.08-0.03-0.	54.48	54.48	0.00	0.00	0.00	54.48
0	0.08-0.05-0.	18.75	18.75	0.00	0.00	0.00	18.75
0	0.08-0.12-0.	138.02	138.02	0.00	0.00	0.00	138.02
0	0.08-0.14-0.	1.06	1.06	0.00	0.00	0.00	1.06
0	0.1-0.05-0.1	22.43	22.43	0.00	0.00	0.00	22.43
0	0.1-0.1-0.1	1.00	1.00	0.00	0.00	0.00	1.00
0	0.13-0.04-0.	10.16	10.16	0.00	0.00	0.00	10.16
0	0.14-0.14-0.	20.76	20.76	0.00	0.00	0.00	20.76
0	0.15-0.05-0.	176.94	176.94	0.00	0.00	0.00	176.94
0	0.15-0.1-0.1	4.50	4.50	0.00	0.00	0.00	4.50
0	0.18-0.01-0.	100.00	100.00	0.00	0.00	0.00	100.00
0	0.18-0.06-0.	5.07	5.07	0.00	0.00	0.00	5.07
0	0.18-0.1-0.1	53.96	53.96	0.00	0.00	0.00	53.96
0	0.18-0.12-0.	4.80	4.80	0.00	0.00	0.00	4.80
0	0.18-0.14-0.	1.60	1.60	0.00	0.00	0.00	1.60
0	0.2-0.2-0.2	0.21	0.06	0.00	0.15	0.00	0.21
0	0.21-0.07-0.	387.64	387.64	0.00	0.00	0.00	387.64
0	0.3-0.25-0.1	1.00	0.00	0.00	1.00	0.00	1.00
0	1-1-4	0.03	0.00	0.00	0.03	0.00	0.03
0	1-11-0	0.04	0.04	0.00	0.00	0.00	0.04
0	1.1-0.48-0.8	1.50	1.50	0.00	0.00	0.00	1.50
0	1.3-0.05-1.1	750.00	0.00	750.00	0.00	0.00	750.00
0	1.3-3.5-0	190.11	0.00	190.11	0.00	190.11	0.00
0	1.31-0.286-	374.88	374.88	0.00	0.00	0.00	374.88
0	1.5-0.05-1	283.40	50.00	233.40	0.00	0.00	283.40
0	1.75-1.5-1.2	1,540.00	0.00	1,540.00	0.00	1,540.00	0.00
0	2-0-10	281.07	0.00	0.00	281.07	281.07	0.00
0	2-1-6	125.00	0.00	0.00	125.00	125.00	0.00
0	2-2-2	0.02	0.02	0.00	0.00	0.02	0.00
0	2-3-1	3.07	3.07	0.00	0.00	0.00	3.07

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	2-4-1	5.03	5.03	0.00	0.00	0.00	5.03
0	2-5-1	2.89	0.00	0.00	2.89	2.89	0.00
0	2-5-2	0.02	0.00	0.00	0.02	0.00	0.02
0	2-7-7	0.02	0.00	0.00	0.02	0.00	0.02
0	2-40-16	0.01	0.01	0.00	0.00	0.01	0.00
0	3-0-0	4.00	0.00	0.00	4.00	4.00	0.00
0	3-1-1	0.05	0.00	0.00	0.05	0.00	0.05
0	3-1-2	135.00	0.00	0.00	135.00	135.00	0.00
0	3-1-5	0.09	0.00	0.00	0.09	0.00	0.09
0	3-4-1	11.83	11.83	0.00	0.00	0.00	11.83
0	3-18-18	936.06	0.00	0.00	936.06	936.06	0.00
0	4-0-0	0.05	0.05	0.00	0.00	0.00	0.05
0	4-1-1	82.00	0.00	0.00	82.00	82.00	0.00
0	4-2-8	0.15	0.15	0.00	0.00	0.00	0.15
0	4-3-2	135.79	0.00	135.79	0.00	135.79	0.00
0	4-3-3	0.10	0.00	0.05	0.05	0.10	0.00
0	4-4-2	0.06	0.06	0.00	0.00	0.00	0.06
0	4-6-4	1.00	1.00	0.00	0.00	0.00	1.00
0	4-8-4	126.47	0.00	0.00	126.47	126.47	0.00
0	4-10-10	576.20	0.80	0.00	575.40	575.40	0.80
0	4-12-4	2.14	0.00	0.00	2.14	0.00	2.14
0	4-16-8	0.03	0.00	0.00	0.03	0.00	0.03
0	5-0-0	0.01	0.00	0.00	0.01	0.00	0.01
0	5-3-1	1.00	0.00	1.00	0.00	1.00	0.00
0	5-3-3	0.08	0.08	0.00	0.00	0.00	0.08
0	5-5-3	0.03	0.03	0.00	0.00	0.00	0.03
0	5-5-5	0.23	0.23	0.00	0.00	0.00	0.23
0	5-5-35	10.50	10.50	0.00	0.00	0.00	10.50
0	5-10-5	4.38	3.30	0.00	1.08	0.00	4.38
0	5-12-0	0.47	0.47	0.00	0.00	0.47	0.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	5-24-26	41.00	0.00	41.00	0.00	41.00	0.00
0	5-30-5	0.30	0.00	0.00	0.30	0.00	0.30
0	6-0-0	0.42	0.42	0.00	0.00	0.42	0.00
0	6-0-1	3.00	3.00	0.00	0.00	3.00	0.00
0	6-2-0	135.38	135.38	0.00	0.00	0.00	135.38
0	6-4-3	1.90	0.00	0.00	1.90	1.90	0.00
0	6-8-10	0.06	0.06	0.00	0.00	0.00	0.06
0	6-12-0	1.18	1.18	0.00	0.00	0.00	1.18
0	6-12-6	0.21	0.21	0.00	0.00	0.00	0.21
0	6-20-0	0.85	0.85	0.00	0.00	0.85	0.00
0	6-24-6	1,068.09	0.00	0.00	1,068.09	1,068.09	0.00
0	6-28-9	43.00	0.00	43.00	0.00	43.00	0.00
0	7-0-0	633.12	0.12	0.00	633.00	633.00	0.12
0	7-7-7	0.19	0.00	0.00	0.19	0.00	0.19
0	7-21-7	4,111.78	0.00	164.04	3,947.74	4,111.78	0.00
0	7-25-5	633.00	0.00	0.00	633.00	633.00	0.00
0	7-34-6	35.00	0.00	35.00	0.00	35.00	0.00
0	8-0-0	7.30	0.02	6.00	1.28	7.28	0.02
0	8-4-4	0.14	0.14	0.00	0.00	0.00	0.14
0	8-7-6	0.88	0.00	0.00	0.88	0.00	0.88
0	8-8-4	825.00	0.00	0.00	825.00	825.00	0.00
0	8-12-4	4.49	4.49	0.00	0.00	0.00	4.49
0	8-12-10	0.50	0.50	0.00	0.00	0.00	0.50
0	8-14-9	0.07	0.00	0.00	0.07	0.00	0.07
0	8-16-8	0.04	0.04	0.00	0.00	0.00	0.04
0	8-16-16	2.00	2.00	0.00	0.00	0.00	2.00
0	8-20-2	2,575.00	0.00	0.00	2,575.00	2,575.00	0.00
0	8-20-4	453.00	0.00	259.00	194.00	453.00	0.00
0	8-20-5	640.81	0.00	12.94	627.87	640.81	0.00
0	8-21-4	736.81	0.00	0.00	736.81	736.81	0.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	8-27-5	1.95	1.95	0.00	0.00	1.95	0.00
0	9-0-0	692.85	0.00	0.00	692.85	692.85	0.00
0	9-6-6	0.02	0.00	0.00	0.02	0.00	0.02
0	9-9-6	0.43	0.43	0.00	0.00	0.00	0.43
0	9-10-15	0.02	0.02	0.00	0.00	0.01	0.01
0	9-11-9	156.00	0.00	0.00	156.00	156.00	0.00
0	9-12-12	0.02	0.02	0.00	0.00	0.00	0.02
0	9-14-9	0.18	0.18	0.00	0.00	0.00	0.18
0	9-17-9	21.52	18.35	3.17	0.00	0.00	21.52
0	9-18-9	1,511.78	0.00	251.00	1,260.78	1,511.22	0.56
0	9-18-18	0.75	0.75	0.00	0.00	0.00	0.75
0	9-20-5	78.00	0.00	0.00	78.00	0.00	78.00
0	9-22-16	21.20	21.20	0.00	0.00	0.00	21.20
0	9-23-14	13.76	13.76	0.00	0.00	5.88	7.88
0	9-24-3	3,115.95	0.00	0.00	3,115.95	3,115.95	0.00
0	9-27-0	1.00	1.00	0.00	0.00	1.00	0.00
0	9-45-15	2.00	2.00	0.00	0.00	2.00	0.00
0	10-0-0	441.06	0.00	0.00	441.06	441.06	0.00
0	10-0-14	1.26	1.26	0.00	0.00	0.70	0.56
0	10-5-25	0.13	0.13	0.00	0.00	0.00	0.13
0	10-6-4	22.50	22.50	0.00	0.00	0.00	22.50
0	10-6-8	0.11	0.11	0.00	0.00	0.00	0.11
0	10-10-5	0.01	0.00	0.00	0.01	0.00	0.01
0	10-10-10	118.89	112.86	0.00	6.03	24.05	94.84
0	10-10-12	0.02	0.02	0.00	0.00	0.00	0.02
0	10-12-10	0.24	0.24	0.00	0.00	0.00	0.24
0	10-12-12	1.13	1.01	0.00	0.12	0.00	1.13
0	10-15-10	0.48	0.01	0.00	0.47	0.00	0.48
0	10-15-15	0.02	0.02	0.00	0.00	0.00	0.02
0	10-16-10	0.18	0.18	0.00	0.00	0.00	0.18

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	10-18-18	0.45	0.45	0.00	0.00	0.45	0.00
0	10-20-10	20.54	0.00	20.54	0.00	20.54	0.00
0	10-20-15	0.15	0.15	0.00	0.00	0.15	0.00
0	10-22-22	1.50	1.50	0.00	0.00	0.00	1.50
0	10-24-10	0.29	0.29	0.00	0.00	0.00	0.29
0	10-28-0	62.00	0.00	0.00	62.00	62.00	0.00
0	10-30-0	54.33	0.00	0.00	54.33	54.33	0.00
0	10-30-5	24.81	0.00	24.81	0.00	24.81	0.00
0	10-50-10	0.16	0.16	0.00	0.00	0.00	0.16
0	10-52-10	3.98	3.98	0.00	0.00	0.00	3.98
0	10-54-10	0.25	0.24	0.00	0.01	0.00	0.25
0	10-60-10	0.03	0.00	0.00	0.03	0.00	0.03
0	11-5-7	2.00	2.00	0.00	0.00	0.00	2.00
0	11-7-7	0.57	0.57	0.00	0.00	0.00	0.57
0	11-8-5	2.42	0.00	0.00	2.42	2.42	0.00
0	11-9-6	55.00	5.00	50.00	0.00	55.00	0.00
0	11-11-11	0.35	0.35	0.00	0.00	0.35	0.00
0	11-28-18	0.20	0.20	0.00	0.00	0.00	0.20
0	11-51-0	5.00	5.00	0.00	0.00	0.00	5.00
0	11-55-0	98.97	0.00	98.97	0.00	98.97	0.00
0	12-0-0	637.86	0.86	0.00	637.00	637.03	0.83
0	12-0-24	1.00	1.00	0.00	0.00	0.00	1.00
0	12-4-8	1.45	0.69	0.00	0.76	0.00	1.45
0	12-5-7	0.27	0.22	0.00	0.05	0.00	0.27
0	12-5-8	0.09	0.09	0.00	0.00	0.00	0.09
0	12-6-6	1.41	0.41	0.00	1.00	0.00	1.41
0	12-6-12	1.03	1.03	0.00	0.00	0.00	1.03
0	12-8-10	0.63	0.63	0.00	0.00	0.00	0.63
0	12-10-5	0.15	0.15	0.00	0.00	0.00	0.15
0	12-12-4	0.30	0.30	0.00	0.00	0.00	0.30



DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	12-12-12	9.47	9.47	0.00	0.00	9.47	0.00
0	12-16-4	0.59	0.59	0.00	0.00	0.00	0.59
0	12-18-6	0.43	0.43	0.00	0.00	0.00	0.43
0	12-22-14	38.00	38.00	0.00	0.00	0.00	38.00
0	12-24-6	2.00	2.00	0.00	0.00	2.00	0.00
0	12-24-24	6.15	6.15	0.00	0.00	0.00	6.15
0	12-28-12	4.53	4.53	0.00	0.00	4.53	0.00
0	12-36-14	0.01	0.00	0.00	0.01	0.00	0.01
0	12-40-0	214.80	0.00	214.80	0.00	214.80	0.00
0	12-44-10	14.43	14.43	0.00	0.00	0.00	14.43
0	12-61-0	22.00	22.00	0.00	0.00	0.00	22.00
0	13-0-0	502.20	0.00	0.00	502.20	502.20	0.00
0	13-0-46	22.00	22.00	0.00	0.00	0.00	22.00
0	13-2-7	1.18	1.18	0.00	0.00	0.00	1.18
0	13-2-13	0.57	0.57	0.00	0.00	0.25	0.33
0	13-2-26	0.93	0.93	0.00	0.00	0.00	0.93
0	13-3-3	42.00	0.00	0.00	42.00	42.00	0.00
0	13-3-4	0.02	0.02	0.00	0.00	0.00	0.02
0	13-3-7	5.70	5.70	0.00	0.00	0.00	5.70
0	13-13-13	8.53	8.53	0.00	0.00	5.53	3.00
0	13-33-0	2,359.93	0.00	2,359.93	0.00	2,359.93	0.00
0	14-0-0	1.00	1.00	0.00	0.00	1.00	0.00
0	14-0-14	8.99	8.99	0.00	0.00	0.00	8.99
0	14-3-3	2.08	2.08	0.00	0.00	1.88	0.20
0	14-7-7	1.37	1.37	0.00	0.00	0.00	1.37
0	14-14-14	4.61	0.00	0.00	4.61	0.00	4.61
0	14-14-16	0.07	0.07	0.00	0.00	0.00	0.07
0	14-28-10	1.93	1.13	0.80	0.00	0.80	1.13
0	14-30-10	50.00	50.00	0.00	0.00	50.00	0.00
0	14-36-13	26.00	0.00	26.00	0.00	26.00	0.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	15-0-0	89.21	2.87	8.55	77.79	16.50	72.71
0	15-0-5	1.30	0.00	0.00	1.30	1.30	0.00
0	15-0-7	0.10	0.10	0.00	0.00	0.00	0.10
0	15-0-15	16.00	16.00	0.00	0.00	16.00	0.00
0	15-0-20	4.71	0.00	4.71	0.00	4.71	0.00
0	15-0-29	1.73	1.73	0.00	0.00	0.28	1.45
0	15-0-30	0.40	0.40	0.00	0.00	0.40	0.00
0	15-2-5	0.55	0.55	0.00	0.00	0.00	0.55
0	15-3-5	5.18	5.18	0.00	0.00	0.00	5.18
0	15-5-5	1.95	0.00	1.95	0.00	0.00	1.95
0	15-5-10	1.21	1.21	0.00	0.00	0.00	1.21
0	15-5-13	0.15	0.15	0.00	0.00	0.00	0.15
0	15-7-6	1.00	1.00	0.00	0.00	0.00	1.00
0	15-15-0	20.50	0.00	20.50	0.00	20.50	0.00
0	15-15-15	5.00	5.00	0.00	0.00	5.00	0.00
0	15-16-2	75.00	0.00	0.00	75.00	75.00	0.00
0	15-17-15	0.03	0.03	0.00	0.00	0.00	0.03
0	15-23-10	13.91	13.91	0.00	0.00	0.00	13.91
0	15-25-10	28.00	28.00	0.00	0.00	0.00	28.00
0	15-30-15	35.57	35.57	0.00	0.00	0.00	35.57
0	16-0-0	78.25	0.00	0.00	78.25	78.25	0.00
0	16-0-8	6.00	6.00	0.00	0.00	3.00	3.00
0	16-2-2	38.00	0.00	0.00	38.00	38.00	0.00
0	16-2-3	0.05	0.05	0.00	0.00	0.00	0.05
0	16-2-12	0.03	0.03	0.00	0.00	0.00	0.03
0	16-4-4	1.00	1.00	0.00	0.00	0.00	1.00
0	16-4-8	9.61	9.61	0.00	0.00	0.25	9.36
0	16-8-8	1.00	1.00	0.00	0.00	0.00	1.00
0	16-10-9	4.00	4.00	0.00	0.00	0.00	4.00
0	16-12-12	1.00	1.00	0.00	0.00	0.00	1.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	16-16-16	1.98	1.98	0.00	0.00	1.98	0.00
0	16-17-5	16.00	0.00	16.00	0.00	16.00	0.00
0	16-20-0	35.74	35.74	0.00	0.00	35.74	0.00
0	16-21-4	0.01	0.01	0.00	0.00	0.00	0.01
0	16-25-12	7.88	7.88	0.00	0.00	0.00	7.88
0	17-2-2	234.94	0.00	234.94	0.00	234.94	0.00
0	17-2-5	312.00	0.00	0.00	312.00	312.00	0.00
0	17-2-7	7.00	7.00	0.00	0.00	7.00	0.00
0	17-3-17	0.60	0.60	0.00	0.00	0.00	0.60
0	17-17-17	0.20	0.20	0.00	0.00	0.00	0.20
0	17-19-29	0.21	0.21	0.00	0.00	0.00	0.21
0	18-0-12	15.00	15.00	0.00	0.00	0.00	15.00
0	18-0-15	43.00	43.00	0.00	0.00	0.00	43.00
0	18-2-9	3.00	3.00	0.00	0.00	0.00	3.00
0	18-3-12	2.55	2.55	0.00	0.00	0.00	2.55
0	18-3-15	122.00	122.00	0.00	0.00	0.00	122.00
0	18-3-18	0.45	0.45	0.00	0.00	0.45	0.00
0	18-4-8	10.00	10.00	0.00	0.00	0.00	10.00
0	18-4-18	6.00	6.00	0.00	0.00	0.00	6.00
0	18-5-9	0.18	0.18	0.00	0.00	0.18	0.00
0	18-5-10	8.50	8.50	0.00	0.00	0.00	8.50
0	18-6-12	63.93	63.93	0.00	0.00	0.00	63.93
0	18-6-15	0.51	0.51	0.00	0.00	0.38	0.13
0	18-8-12	12.05	12.05	0.00	0.00	0.00	12.05
0	18-8-18	34.13	34.13	0.00	0.00	0.00	34.13
0	18-9-18	11.07	11.07	0.00	0.00	0.33	10.74
0	18-11-16	0.09	0.09	0.00	0.00	0.00	0.09
0	18-12-1	49.00	0.00	0.00	49.00	49.00	0.00
0	18-12-14	14.89	14.89	0.00	0.00	0.00	14.89
0	18-18-2	319.00	0.00	0.00	319.00	319.00	0.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	18-18-18	0.98	0.98	0.00	0.00	0.98	0.00
0	18-18-21	2.68	2.68	0.00	0.00	0.00	2.68
0	18-22-6	17.00	17.00	0.00	0.00	0.00	17.00
0	18-23-4	1.33	1.33	0.00	0.00	0.00	1.33
0	18-24-6	0.21	0.21	0.00	0.00	0.00	0.21
0	18-24-10	1.35	1.35	0.00	0.00	0.00	1.35
0	18-24-12	18.20	18.20	0.00	0.00	0.85	17.35
0	18-24-16	1.56	1.56	0.00	0.00	0.00	1.56
0	18-24-24	0.09	0.09	0.00	0.00	0.00	0.09
0	19-0-5	137.00	137.00	0.00	0.00	137.00	0.00
0	19-0-7	2.00	2.00	0.00	0.00	0.00	2.00
0	19-3-5	2.35	2.35	0.00	0.00	0.00	2.35
0	19-3-6	44.88	44.88	0.00	0.00	32.50	12.38
0	19-3-9	4.47	4.47	0.00	0.00	0.00	4.47
0	19-6-12	6.15	0.07	0.00	6.08	0.00	6.15
0	19-8-16	1.00	1.00	0.00	0.00	0.00	1.00
0	19-25-5	1.38	1.38	0.00	0.00	0.38	1.00
0	19-31-17	0.06	0.06	0.00	0.00	0.00	0.06
0	20-0-0	253.48	0.00	0.00	253.48	253.00	0.48
0	20-0-3	0.01	0.01	0.00	0.00	0.00	0.01
0	20-2-3	8.85	0.00	0.00	8.85	0.00	8.85
0	20-2-6	23.51	23.51	0.00	0.00	2.13	21.38
0	20-3-3	29.38	29.38	0.00	0.00	17.00	12.38
0	20-3-5	0.15	0.15	0.00	0.00	0.15	0.00
0	20-3-10	3.38	3.38	0.00	0.00	0.00	3.38
0	20-3-20	4.50	4.50	0.00	0.00	0.00	4.50
0	20-4-8	0.21	0.21	0.00	0.00	0.00	0.21
0	20-4-20	1.00	1.00	0.00	0.00	0.00	1.00
0	20-5-10	14.63	14.63	0.00	0.00	0.00	14.63
0	20-6-12	13.82	13.82	0.00	0.00	0.00	13.82

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	20-7-5	31.48	31.48	0.00	0.00	0.00	31.48
0	20-10-5	25.90	25.90	0.00	0.00	24.38	1.52
0	20-10-10	1.00	1.00	0.00	0.00	1.00	0.00
0	20-10-20	3.00	3.00	0.00	0.00	3.00	0.00
0	20-12-8	3.00	3.00	0.00	0.00	0.00	3.00
0	20-14-12	70.28	70.28	0.00	0.00	0.00	70.28
0	20-20-10	2.52	2.52	0.00	0.00	0.00	2.52
0	20-20-20	53.29	49.29	0.00	4.00	40.23	13.06
0	20-24-0	20.00	0.00	20.00	0.00	20.00	0.00
0	20-27-5	23.75	23.75	0.00	0.00	0.00	23.75
0	20-30-20	0.24	0.00	0.00	0.24	0.00	0.24
0	20.5-0-0	2,499.11	270.23	2,228.88	0.00	2,499.11	0.00
0	21-0-0	13,778.13	0.00	13,760.63	17.50	13,778.13	0.00
0	21-0-6	0.08	0.00	0.00	0.08	0.08	0.00
0	21-0-20	14.00	14.00	0.00	0.00	0.50	13.50
0	21-2-6	0.30	0.30	0.00	0.00	0.00	0.30
0	21-3-3	0.04	0.04	0.00	0.00	0.00	0.04
0	21-3-10	0.12	0.12	0.00	0.00	0.00	0.12
0	21-3-20	8.01	8.01	0.00	0.00	0.13	7.88
0	21-5-11	4.00	4.00	0.00	0.00	0.00	4.00
0	22-0-0	1.00	1.00	0.00	0.00	0.00	1.00
0	22-0-6	19.61	19.61	0.00	0.00	0.00	19.61
0	22-0-7	10.40	10.40	0.00	0.00	10.40	0.00
0	22-0-10	10.06	10.06	0.00	0.00	10.06	0.00
0	22-0-22	16.15	16.15	0.00	0.00	2.73	13.43
0	22-3-3	0.10	0.10	0.00	0.00	0.00	0.10
0	22-3-7	4.00	4.00	0.00	0.00	0.00	4.00
0	22-3-8	18.27	18.27	0.00	0.00	7.20	11.07
0	22-3-11	99.35	99.35	0.00	0.00	0.00	99.35
0	22-3-14	9.75	9.75	0.00	0.00	0.00	9.75

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0	22-4-11	15.32	15.32	0.00	0.00	0.00	15.32
0	22-4-14	0.51	0.51	0.00	0.00	0.00	0.51
0	22-5-8	5.45	5.45	0.00	0.00	0.00	5.45
0	22-8-14	21.43	21.43	0.00	0.00	0.00	21.43
0	23-0-8	46.00	46.00	0.00	0.00	0.00	46.00
0	23-3-8	70.00	70.00	0.00	0.00	0.00	70.00
0	23-23-11	3.25	0.00	3.25	0.00	3.25	0.00
0	24-0-0	12,551.84	0.00	9,842.00	2,709.84	12,551.84	0.00
0	24-0-10	8.55	8.55	0.00	0.00	0.00	8.55
0	24-0-12	6.98	6.98	0.00	0.00	4.98	2.00
0	24-0-18	1.25	1.25	0.00	0.00	1.25	0.00
0	24-2-11	1.00	1.00	0.00	0.00	0.00	1.00
0	24-3-6	0.15	0.15	0.00	0.00	0.00	0.15
0	24-3-11	2.40	2.40	0.00	0.00	0.00	2.40
0	24-3-12	103.61	103.61	0.00	0.00	0.00	103.61
0	24-5-10	31.93	31.93	0.00	0.00	21.93	10.00
0	24-8-16	1.13	1.13	0.00	0.00	0.00	1.13
0	24-12-12	0.14	0.14	0.00	0.00	0.00	0.14
0	24-15-10	11.00	11.00	0.00	0.00	11.00	0.00
0	25-0-0	494.65	0.00	0.00	494.65	494.65	0.00
0	25-0-5	3.03	3.03	0.00	0.00	3.03	0.00
0	25-1-2	0.38	0.00	0.00	0.38	0.00	0.38
0	25-2-12	12.38	12.38	0.00	0.00	0.00	12.38
0	25-3-3	95.00	95.00	0.00	0.00	2.00	93.00
0	25-3-8	176.00	176.00	0.00	0.00	176.00	0.00
0	25-3-10	22.78	22.78	0.00	0.00	2.53	20.25
0	25-3-12	6.00	6.00	0.00	0.00	0.00	6.00
0	25-4-8	3.40	3.40	0.00	0.00	0.00	3.40
0	25-5-5	14.31	14.31	0.00	0.00	11.85	2.46
0	25-5-15	259.60	259.60	0.00	0.00	1.22	258.38

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SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	25-14-0	48.00	0.00	48.00	0.00	48.00	0.00
0	26-0-0	0.05	0.00	0.00	0.05	0.05	0.00
0	26-0-3	160.95	160.95	0.00	0.00	0.00	160.95
0	26-0-4	120.00	120.00	0.00	0.00	0.00	120.00
0	26-0-9	4.80	0.00	4.80	0.00	4.80	0.00
0	26-2-8	11.91	11.91	0.00	0.00	0.00	11.91
0	26-3-4	207.00	207.00	0.00	0.00	0.00	207.00
0	26-3-5	53.59	53.59	0.00	0.00	0.00	53.59
0	26-3-6	0.24	0.24	0.00	0.00	0.00	0.24
0	26-3-8	4.08	4.08	0.00	0.00	4.08	0.00
0	26-14-14	2.00	2.00	0.00	0.00	0.00	2.00
0	27-0-0	8,048.00	0.00	0.00	8,048.00	8,048.00	0.00
0	27-0-8	16.20	0.00	16.20	0.00	16.20	0.00
0	27-2-2	0.02	0.00	0.00	0.02	0.00	0.02
0	27-3-3	64.00	64.00	0.00	0.00	0.00	64.00
0	27-3-4	27.64	27.64	0.00	0.00	0.00	27.64
0	27-3-11	23.63	23.63	0.00	0.00	0.00	23.63
0	27-4-4	4.64	4.64	0.00	0.00	0.00	4.64
0	27-5-8	1.00	1.00	0.00	0.00	0.00	1.00
0	27-14-6	7.88	7.88	0.00	0.00	7.88	0.00
0	28-0-0	101.00	0.00	0.00	101.00	101.00	0.00
0	28-0-4	72.00	72.00	0.00	0.00	0.00	72.00
0	28-0-10	13.05	13.05	0.00	0.00	13.05	0.00
0	28-2-8	56.80	56.80	0.00	0.00	0.00	56.80
0	28-3-3	98.75	98.75	0.00	0.00	23.46	75.29
0	28-3-4	145.56	145.56	0.00	0.00	0.56	145.00
0	28-3-8	18.46	18.46	0.00	0.00	0.91	17.55
0	28-3-10	58.29	58.29	0.00	0.00	32.53	25.76
0	28-5-5	1.08	1.08	0.00	0.00	1.08	0.00
0	28-5-8	9.00	9.00	0.00	0.00	9.00	0.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	28-5-10	3.03	3.03	0.00	0.00	3.03	0.00
0	28-5-12	4.72	4.72	0.00	0.00	0.00	4.72
0	28-5-18	2.10	2.10	0.00	0.00	2.10	0.00
0	28-7-14	13.00	13.00	0.00	0.00	0.00	13.00
0	28-8-10	3.01	3.01	0.00	0.00	0.00	3.01
0	28-8-18	13.00	13.00	0.00	0.00	0.00	13.00
0	28-10-10	0.42	0.42	0.00	0.00	0.00	0.42
0	28-16-7	0.33	0.33	0.00	0.00	0.00	0.33
0	28-28-0	2.00	0.00	2.00	0.00	2.00	0.00
0	28-28-12	66.46	0.00	66.46	0.00	66.46	0.00
0	29-2-3	0.27	0.27	0.00	0.00	0.00	0.27
0	29-2-5	2.98	2.98	0.00	0.00	0.00	2.98
0	29-3-3	139.58	139.58	0.00	0.00	7.62	131.96
0	29-3-4	75.83	75.83	0.00	0.00	16.48	59.35
0	29-3-10	30.57	30.57	0.00	0.00	0.00	30.57
0	29-28-0	25.00	0.00	25.00	0.00	25.00	0.00
0	30-0-0	3.67	3.67	0.00	0.00	3.67	0.00
0	30-0-10	21.88	21.88	0.00	0.00	18.50	3.38
0	30-2-3	0.14	0.14	0.00	0.00	0.00	0.14
0	30-2-5	21.06	21.06	0.00	0.00	0.00	21.06
0	30-2-10	13.96	13.96	0.00	0.00	6.08	7.88
0	30-3-3	78.10	76.06	2.04	0.00	6.78	71.32
0	30-3-4	72.15	69.45	2.70	0.00	15.74	56.41
0	30-3-5	17.82	17.82	0.00	0.00	0.00	17.82
0	30-4-8	49.90	49.90	0.00	0.00	49.90	0.00
0	30-7-10	71.75	71.75	0.00	0.00	0.00	71.75
0	30-10-10	7.45	7.45	0.00	0.00	0.00	7.45
0	31-0-0	19.83	0.00	18.55	1.28	19.83	0.00
0	31-3-8	4.74	4.74	0.00	0.00	0.00	4.74
0	31-3-10	6.99	6.99	0.00	0.00	0.00	6.99



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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	31-3-12	11.00	11.00	0.00	0.00	11.00	0.00
0	32-0-0	46.00	0.00	46.00	0.00	46.00	0.00
0	32-0-10	3.85	3.85	0.00	0.00	3.85	0.00
0	32-3-8	17.56	17.56	0.00	0.00	0.00	17.56
0	32-3-10	20.05	20.05	0.00	0.00	12.96	7.09
0	32-5-7	49.00	49.00	0.00	0.00	0.00	49.00
0	32-7-7	42.20	42.20	0.00	0.00	0.00	42.20
0	32-10-10	0.04	0.04	0.00	0.00	0.00	0.04
0	32-15-6	7.00	0.00	7.00	0.00	7.00	0.00
0	33-0-10	2.00	2.00	0.00	0.00	0.00	2.00
0	33-0-17	4.00	4.00	0.00	0.00	0.00	4.00
0	33-3-6	12.75	12.75	0.00	0.00	3.75	9.00
0	33-3-10	16.00	16.00	0.00	0.00	0.00	16.00
0	33-7-7	0.17	0.17	0.00	0.00	0.17	0.00
0	33-11-11	0.28	0.28	0.00	0.00	0.00	0.28
0	34-0-10	9.00	9.00	0.00	0.00	9.00	0.00
0	34-0-15	11.98	11.98	0.00	0.00	0.00	11.98
0	34-2-6	32.00	32.00	0.00	0.00	32.00	0.00
0	34-3-7	2.50	2.50	0.00	0.00	2.50	0.00
0	34-4-4	60.00	60.00	0.00	0.00	60.00	0.00
0	34-18-0	72.04	0.00	72.04	0.00	72.04	0.00
0	35-0-15	3.00	3.00	0.00	0.00	0.00	3.00
0	35-18-0	1,174.60	0.00	1,174.60	0.00	1,174.60	0.00
0	35-18-6	5.61	0.00	5.61	0.00	5.61	0.00
0	35-18-8	78.89	0.00	78.89	0.00	78.89	0.00
0	36-3-4	42.41	42.41	0.00	0.00	1.02	41.39
0	36-3-7	17.63	17.63	0.00	0.00	7.50	10.13
0	36-6-6	2.52	0.00	2.52	0.00	2.52	0.00
0	37-0-0	13.13	13.13	0.00	0.00	0.00	13.13
0	38-0-0	10.37	5.00	5.37	0.00	0.00	10.37

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	40-4-4	0.38	0.38	0.00	0.00	0.00	0.38
0	41-10-0	67.20	0.00	67.20	0.00	67.20	0.00
0	42-0-0	7.55	7.55	0.00	0.00	0.00	7.55
0	44-0-0	24.00	0.00	24.00	0.00	24.00	0.00
0	66-0-0	3.04	3.04	0.00	0.00	3.04	0.00
2	82-0-0	36,050.32	0.00	0.00	36,050.32	36,050.32	0.00
10	34-0-0	639.69	639.69	0.00	0.00	639.69	0.00
24	21-0-0	22,888.53	25.74	22,838.79	24.00	22,881.47	7.06
31	12-0-0	6,254.35	0.00	0.00	6,254.35	6,254.35	0.00
46	34-0-0	50.73	0.00	50.73	0.00	50.73	0.00
58	28-0-0	146,656.48	0.00	27.00	146,629.48	146,656.48	0.00
60	32-0-0	92,318.19	0.00	0.00	92,318.19	92,318.19	0.00
66	46-0-0	721,118.03	343.34	720,774.69	0.00	611,429.18	109,688.85
203	18-46-0	166,103.96	9.32	166,094.63	0.00	166,085.60	18.36
207	16-20-0	97.32	0.00	97.32	0.00	97.32	0.00
209	11-52-0	237,539.39	20.00	237,519.39	0.00	237,512.61	26.78
243	0-3-0	0.70	0.70	0.00	0.00	0.00	0.70
249	10-34-0	86,632.98	0.00	26.00	86,606.98	86,632.98	0.00
253	0-35-0	153.67	0.00	153.67	0.00	153.67	0.00
267	0-46-0	210.16	0.00	210.16	0.00	202.00	8.16
273	0-68-0	7,479.52	0.00	0.00	7,479.52	7,479.52	0.00
428	0-0-60	101,203.75	0.00	101,203.75	0.00	101,203.75	0.00
430	0-0-62	3,725.93	3.88	3,722.05	0.00	3,725.93	0.00
443	0-0-22	311.65	0.00	311.65	0.00	311.65	0.00
463	0-0-50	51.00	0.00	51.00	0.00	51.00	0.00
613	2-2-1	3,262.68	0.00	3,262.68	0.00	3,262.68	0.00
649	0.5-0.5-0.5	785.70	0.00	785.70	0.00	785.70	0.00
652	1.9-0.2-0.2	251.55	0.00	251.55	0.00	251.55	0.00
698	0-0-0	593.65	0.00	593.65	0.00	593.65	0.00
706	0-0-0	61.62	21.25	15.93	24.45	57.57	4.05

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2005 To December, 2005

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CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
720	0-0-0	1.33	1.20	0.13	0.00	0.13	1.20
722	0-0-0	0.25	0.00	0.00	0.25	0.25	0.00
730	0-0-0	8.55	0.00	0.00	8.55	0.00	8.55
732	0-0-0	8,431.89	1.00	8,430.89	0.00	8,431.89	0.00
733	0-0-0	0.73	0.00	0.73	0.00	0.73	0.00
749	0-0-0	2.55	1.91	0.00	0.64	2.55	0.00
754	0-0-0	0.03	0.00	0.03	0.00	0.03	0.00
766	0-0-0	9.90	0.00	9.90	0.00	9.90	0.00
770	0-0-0	2,596.31	966.41	1,628.25	1.65	2,596.31	0.00
782	0-0-0	1,591.15	741.36	849.79	0.00	1,591.15	0.00
783	0-0-0	265.44	0.00	0.00	265.44	265.44	0.00
784	0-0-0	11.02	0.00	1.80	9.22	11.02	0.00
797	0-0-0	1,064.63	147.77	476.99	439.88	1,005.29	59.34
798	0-0-0	1,564.84	1,306.63	74.58	183.64	1,309.23	255.61
907	0-0-0	75.61	0.00	75.61	0.00	75.61	0.00
908	0-0-0	27.35	2.00	25.35	0.00	25.35	2.00
910	0-0-0	112.32	0.00	112.32	0.00	112.32	0.00
978	0-0-0	56.35	35.00	21.35	0.00	56.35	0.00
990	0-0-0	19.41	8.29	7.70	3.42	18.15	1.26
998	0-0-0	162.67	0.00	162.67	0.00	161.94	0.73

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
**From January, 2005 To December, 2005**

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
TOTALS		1,764,125.08	29,747.07	1,324,475.61	409,902.40	1,628,773.5	135,351.49

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

*Totals of grades Less Than 0 tons.*

GRAND TOTAL:	1,764,668.62
GRAND TOTAL FOR BAG:	29,747.09
GRAND TOTAL FOR	1,325,019.08
GRAND TOTAL FOR	409,902.45
LIQUID:	
GRAND TOTAL FOR	1,629,317.13
FARM:	
GRAND TOTAL FOR	135,351.49