

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

**JANUARY 1, 2008**

**TO**

**DECEMBER 31, 2008**

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## 2008 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.

<u>SECTION</u>	<u>PAGE NUMBER</u>
A. SAMPLE COUNT REPORT.....	1
B. SAMPLE REPORT SUMMARY.....	6
C. REGULATORY ANALYTE TOTALS.....	46
D. FERTILIZER TONNAGE SUMMARY.....	48

SECTION A:

SAMPLE

COUNT

REPORT

# Sample Count Report

Fertilizers Sampled From 1/1/2008 To 12/31/2008

Manufacturer and Location			Sample	Passed	Not
4 Seasons Coop	Pierpont	SD	1	0	1
ADM Benson Quinn	Minneapolis	MN	3	3	0
Advanced Prescription Fertilizer Inc	Hurley	SD	6	5	1
Ag First Farmers Coop	Brookings	SD	1	0	1
Agresource	Harvey	ND	1	1	0
Agriliance LLC	Minneapolis	MN	3	2	1
Agrium U.S., Inc	Denver	CO	4	4	0
Agrium US Inc.	Carseland AB	CA	3	3	0
Agrotain International	St. Louis	MO	1	1	0
Alljack	St. Louis	MO	1	1	0
Bay Zinc Company Inc.	Moxee	WA	2	2	0
Big Green Inc	Mitchell	SD	4	4	0
Centerville Ag	Centerville	SD	3	3	0
Central Farmers Coop	Salem	SD	1	1	0
Central Valley Ag	ONeill	NE	1	1	0
CF Industries Inc.	Deerfield	IL	12	12	0
Chemsico	St. Louis	MO	3	2	1
Chester Farm Service Corp.	Chester	SD	1	1	0
CHS Cooperatives	Minneapolis	MN	4	4	0
CHS Crop Nutrients	Minneapolis	MN	1	1	0
CHS Crop Nutrients-Worthing	St. Paul	MN	3	3	0
CHS Farmers Alliance	Alexandria	SD	1	1	0
CHS Farmers Alliance	Ethan	SD	4	4	0
CHS Inc	Inver Grove	MN	3	3	0
CHS Inc-Worthing	Worthing	SD	1	1	0
CHS Inc.	St. Paul	MN	8	8	0
CHS Inc.	Watertown	SD	3	3	0
Clark Community Oil Co.	Clark	SD	2	2	0
Clark County Farmers Elevator	Clark	SD	1	1	0
Colton Farmers Elevator	Colton	SD	1	1	0
ConAgra Fertilizer Corp	Shakopee	MN	1	1	0
Cone Ag	Onida	SD	3	3	0
Cooperative Agronomy Services	Groton	SD	2	2	0
Country Pride	Chancellor	SD	4	3	1
Country Pride Coop	Winner	SD	6	5	1
Country Pride Services Cooperative	Bingham Lake	MN	1	1	0
Dakota Ag Coop	Claire City	SD	3	3	0
Dakota Ag Coop	Miller	SD	3	3	0
Dakota Fertilizer & Chemical	Canton	SD	4	4	0

Manufacturer and Location			Sample	Passed	Not
Dakota Gasification	Bismarck	ND	1	1	0
Dakota Gasification Company	Beulah	ND	4	4	0
Dakota Mill & Grain	Murdo	SD	1	1	0
Dakota Mill and Grain	Midland	SD	1	1	0
Dakota Plains Ag Center LLC	Parkston	SD	3	3	0
DeBruce Fertilizer, Inc.	Kansas City	MO	2	2	0
Dell Rapids Coop Grain	Dell Rapids	SD	3	3	0
Domestic Seed & Supply Inc	Madison	SD	1	1	0
Dyno Nobel Inc.	Cheyenne	WY	1	1	0
Eastern Farmers Coop Baltic	Baltic	SD	5	4	1
Eastern Farmers Coop-Worthing Ag	Worthing	SD	9	9	0
Easy Gardener	Waco	TX	2	2	0
Eau Claire Coop Oil Company	Eau Claire	WI	2	2	0
Elkton Farmers Coop Oil	Elkton	SD	2	2	0
Estelline Coop Grain	Estelline	SD	2	2	0
Farmers AG LLC	Madison	SD	1	1	0
Farmers Alliance	Mitchell	SD	7	6	1
Farmers Coop Oil	White Lake	SD	5	5	0
Farmers Plant Food	Corson	SD	1	1	0
Farmers Plant Food	Verdi	MN	3	3	0
Farmers Plant Food Inc	Garretson	SD	1	1	0
Farmers Plant Food Inc	Wolsey	SD	3	3	0
Farmers Union Coop Oil Company	Flandreau	SD	2	2	0
Fremar LLC	Marion	SD	2	2	0
Gavilon Fertilizer	Savannah	GA	2	2	0
Gordons	Kansas City	MS	2	2	0
Gro Tec Inc	Madison	GA	2	2	0
Hartford Farmers Elevator	Hartford	SD	3	3	0
Hazel Farmers Elevator	Hazel	SD	4	3	1
Howard Farmers Elevator	Howard	SD	1	1	0
Howard Johnsons Enterprises Inc	Milwaukee	WI	7	6	1
Jirdon Agri Chemicals Inc	Morrill	NE	2	2	0
Johnsons Ranchers Supply Inc	Wall	SD	4	4	0
Koch Fertilizer Canada Ltd.	Brandon	MB	1	1	0
Koch Nitrogen Company	Enid	OK	1	0	1
Koch Nitrogen Company	Rosemount	MN	2	2	0
Kronos Micronutrients LP	Moxee	WA	1	1	0
Labolt Farmers Grain	Labolt	SD	1	0	1
Lake Preston Coop	Lake Preston	SD	2	1	1
Lake Preston Coop-Osceola	Bancroft	SD	2	2	0
Lebanon Seaboard Corp	Lebanon	PA	2	2	0
Lilly Miller Brands	Walnut Creek	CA	1	1	0
Lilly Miller Brands F1475	Clackamas	OR	1	1	0
Loveland Industries Inc	Greeley	CO	1	1	0

Manufacturer and Location			Sample	Passed	Not
Mettler Fertilizer Inc	Menno	SD	1	1	0
Midwest Cooperatives	Onida	SD	6	4	2
Midwest Cooperatives	Philip	SD	1	1	0
Midwest Cooperatives	Pierre	SD	2	1	1
Milwaukee Met Sewerage Dist.	Milwaukee	WI	1	1	0
Montana Sulfur & Chemical	Billings	MT	1	1	0
Mosaic	Plymouth	MN	1	1	0
Mosaic Crop Nutrition	Minneapolis	MN	2	2	0
Mosaic Crop Nutrition	Riverview	FL	8	7	1
Mosaic Crop Nutrition, LLC	Savage	MN	3	2	1
Mosaic USA LLC	Minneapolis	MN	7	7	0
North Central Farmers Elevator	Warner	SD	1	1	0
North Forthy Ag. Inc.	Gregory	SD	2	2	0
Northern Plains Coop	Faulkton	SD	1	1	0
Northern Plains Coop	Gettysburg	SD	6	6	0
Northern Plains Coop	Selby	SD	3	3	0
Organica Biotech, Inc.	Norristown	PA	1	1	0
PBI Gordon Corp.	Kansas City	MO	1	0	1
PCS Sales (USA) Inc.	Northbrook	IL	1	1	0
Plains Ag Service	Elk Point	SD	5	5	0
Pro Ag Supply	Aberdeen	SD	1	0	1
Rosebud Farmers Union	Gregory	SD	4	4	0
Saskferco	Belle Plaine, Sask.	CA	2	2	0
Schultz Company	Bridgeton	MO	2	2	0
Scotts Company	Marysville	OH	2	2	0
Scotts Miracle-Gro Products, Inc.	Marysville	OH	11	11	0
SD Wheat Growers	Wolsey	SD	8	8	0
SD Wheatgrowers	Chamberlain	SD	2	2	0
SD WheatGrowers	Redfield	SD	1	1	0
SD WheatGrowers	Woonsocket	SD	1	1	0
SD WheatGrowers	Yale	SD	1	1	0
SD Wheatgrowers Assn	Bath	SD	10	8	2
SD Wheatgrowers Assn	Huron	SD	9	8	1
SD Wheatgrowers Assn	Tulare	SD	1	0	1
SE Farmers Elevator	Elk Point	SD	3	2	1
Simplot Soil Builders	Beresford	SD	6	6	0
Simplot Soilbuilders	Winner	SD	3	3	0
Southeast Farmers Elevator	Elk Point	SD	1	0	1
Spectrum Group-Div of United	St. Louis	MO	3	3	0
Swiss Farm Products, Inc.	Las Vegas	NV	1	1	0
Terra Nitrogen Corp	Sioux City	IA	3	3	0
Tessengerlo Kerley, Inc.	Morril	OH	1	1	0
Tetra Micronutrients	Spring	TX	2	2	0
The Scotts Company	Marysville	OH	12	12	0

<b>Manufacturer and Location</b>			<b>Sample</b>	<b>Passed</b>	<b>Not</b>
Tiger-Sul Products	Calgary, Alberta	CA	1	1	0
TruGreen Chemlawn	Sioux Falls	SD	1	1	0
United Industries Corp.	St. Louis	MO	1	0	1
United Suppliers Hayland Terminal	Juanita	NE	1	1	0
United Suppliers Inc.	Eldora	IA	2	2	0
Valley Springs Farmers Coop	Valley Springs	SD	3	3	0
Valudor Products, Inc.	Winfield	MN	1	1	0
Verdicon, Inc.	Greeley	CO	1	1	0
Viborg Coop Elevator	Viborg	SD	4	4	0
Volga Ag Center	Bruce	SD	3	2	1
Volga Ag Service	Volga	SD	2	1	1
Voluntary Purchasing Group	Bonham	TX	3	3	0
Wallace Farmers Elevator	Wallace	SD	2	2	0
Watertown Coop Elevator	Watertown	SD	5	5	0
Western Consolidated Coop	Twin Brooks	SD	4	4	0
Winfield Solutions, LLC	Alexandrea	SD	2	1	1
Winfield Solutions, LLC	Shoreview	MN	1	1	0
Winona River & Rail	Winona	MN	3	3	0
Yankton Ag Services, Inc.	Yankton	SD	1	0	1
Zinc Nacional, S.A.	Monterrey, N.L.,		1	1	0
<b>Totals:</b>			405	373	32

**Percent Passed:** 92.1%

**Percent Not** 7.9%



SECTION B:

SAMPLE

REPORT

SUMMARY

Manufacturer Location	Product	Analyte	Found	Claim
<b>4 Seasons Coop</b>				
<b>Pierpont, SD</b>				
	<b>*** Custom Dry Bulk Fertilizer 36-14.8-0</b>		<b>08N-06774</b>	
	Commercial Value		141.	137.6
	Overall Index Value		102.	100
	Total Nitrogen, %		37.99	36
	Available Phosphate, %		13.40	14.8
	DEFICIENT			
<b>ADM Benson Quinn</b>				
<b>Minneapolis, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05614</b>	
	Total Nitrogen, %		46.80	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06771</b>	
	Total Nitrogen, %		46.79	46
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-06781</b>	
	Total Nitrogen, %		20.90	21
	Sulfur, %		23.17	24
<b>Advanced Prescription Fertilizer Inc</b>				
<b>Hurley, SD</b>				
	<b>Custom Liquid Bulk Fertilizer 7-0-0-S8</b>		<b>08N-09465</b>	
	Total Nitrogen, %		7.38	7
	Sulfur, %		8.22	8
	<b>Custom Liquid Bulk Fertilizer 2-0-10-S2</b>		<b>08N-09466</b>	
	Commercial Value		17.0	16
	Overall Index Value		106.	100
	Total Nitrogen, %		2.43	2
	Soluble Potash, %		9.69	10
	Sulfur, %		2.03	2
	<b>Liquid Bulk Fertilizer 24-0-0-S4</b>		<b>08N-09475</b>	
	Total Nitrogen, %		24.72	24
	Sulfur, %		4.18	4
	<b>Custom Liquid Bulk Fertilizer 6% Zinc</b>		<b>08N-09476</b>	
	Zinc, %		5.50	6
	<b>*** Custom Liquid Bulk Fertilizer 0-35-0</b>		<b>08N-09477</b>	
	Available Phosphate, %		32.31	35
	DEFICIENT			
	<b>Liquid Bulk Fertilizer 4-8-4-S2</b>		<b>08N-09478</b>	
	Commercial Value		33.1	32
	Overall Index Value		104.	100
	Total Nitrogen, %		4.46	4
	Available Phosphate, %		7.87	8
	Soluble Potash, %		4.00	4
	Sulfur, %		2.20	2
<b>Ag First Farmers Coop</b>				
<b>Brookings, SD</b>				
	<b>*** Custom Dry Bulk Fertilizer 35.6-5.9-8.9</b>		<b>08N-07998</b>	
	Commercial Value		129.	127.5
	Overall Index Value		101.	100
	Total Nitrogen, %		37.14	35.6
	Available Phosphate, %		4.70	5.9
	DEFICIENT			
	Soluble Potash, %		8.51	8.9
<b>Agresource</b>				
<b>Harvey, ND</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06778</b>	
	Total Nitrogen, %		46.70	46

Manufacturer Location	Product	Analyte	Found	Claim
<b>Agriliance LLC</b>				
<b>Minneapolis, MN</b>				
	<b>** Dry Bulk Fertilizer 0-0-60</b>		<b>08N-04721</b>	
		Soluble Potash, %	57.56	60
		DEFICIENT		
	<b>Dry Bulk Fertilizer Zinc</b>		<b>08N-04904</b>	
		Zinc, %	35.14	35.5
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-04906</b>	
		Soluble Potash, %	60.67	60
<b>Agrium U.S., Inc</b>				
<b>Denver, CO</b>				
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-04451</b>	
		Total Nitrogen, %	20.94	21
		Sulfur, %	24.83	24
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-04717</b>	
		Total Nitrogen, %	46.88	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-06460</b>	
		Soluble Potash, %	59.55	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07385</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.37	11
		Available Phosphate, %	52.32	52
<b>Agrium US Inc.</b>				
<b>Carseland AB, CA</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07387</b>	
		Total Nitrogen, %	46.47	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07388</b>	
		Total Nitrogen, %	46.50	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-09965</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.48	11
		Available Phosphate, %	52.03	52
<b>Agrotain International</b>				
<b>St. Louis, MO</b>				
	<b>Lawn &amp; Garden Fertilizer Uflexx 46-0-0</b>		<b>08N-09294</b>	
		Total Nitrogen, %	46.57	46
<b>Alljack</b>				
<b>St. Louis, MO</b>				
	<b>ACE All Purpose Plant Food</b>		<b>08N-02667</b>	
		Commercial Value	134.	120
		Overall Index Value	112.	100
		Total Nitrogen, %	18.07	15
		Available Phosphate, %	31.89	30
		Soluble Potash, %	16.42	15
<b>Bay Zinc Company Inc.</b>				
<b>Moxee, WA</b>				
	<b>Blu-Min 33% Zinc-Granular With Sulphur</b>		<b>08N-05822</b>	
		Sulfur, %	18.58	18
		Zinc, %	32.96	33
	<b>Blu-Min Zinc Granular with Sulphur</b>		<b>08N-06621</b>	
		Sulfur, %	18.14	18
		Zinc, %	32.83	33

Manufacturer Location	Product	Analyte	Found	Claim
<b>Big Green Inc Mitchell, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-08824</b>	
	Total Nitrogen, %		46.66	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-08825</b>	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.89	18
	Available Phosphate, %		46.13	46
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-08826</b>	
	Total Nitrogen, %		28.73	28
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-08827</b>	
	Commercial Value		96.4	98
	Overall Index Value		98.3	100
	Total Nitrogen, %		9.87	10
	Available Phosphate, %		33.37	34
<b>Centerville Ag Centerville, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07570</b>	
	Total Nitrogen, %		46.19	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-07571</b>	
	Commercial Value		148.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.13	18
	Available Phosphate, %		46.74	46
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-07572</b>	
	Total Nitrogen, %		21.15	21
	Sulfur, %		23.98	24
<b>Central Farmers Coop Salem, SD</b>				
	<b>Custom Dry Bulk Fertilizer 35-11-0-S2.8</b>		<b>08N-06617</b>	
	Commercial Value		130.	127
	Overall Index Value		102.	100
	Total Nitrogen, %		36.17	35
	Available Phosphate, %		10.77	11
	Sulfur, %		3.30	2.8
<b>Central Valley Ag ONeill, NE</b>				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-06822</b>	
	Commercial Value		98.9	98
	Overall Index Value		101.	100
	Total Nitrogen, %		10.22	10
	Available Phosphate, %		34.08	34
<b>CF Industries Inc. Deerfield, IL</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05645</b>	
	Total Nitrogen, %		46.68	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05695</b>	
	Total Nitrogen, %		46.67	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-05696</b>	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.01	18
	Available Phosphate, %		46.69	46

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-05781</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.69	11
		Available Phosphate, %	51.61	52
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-05785</b>	
		Commercial Value	99.6	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.46	18
		Available Phosphate, %	47.03	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05786</b>	
		Total Nitrogen, %	46.80	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-05880</b>	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.99	18
		Available Phosphate, %	46.12	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-05882</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.60	11
		Available Phosphate, %	51.58	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05884</b>	
		Total Nitrogen, %	46.48	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06615</b>	
		Total Nitrogen, %	46.44	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06635</b>	
		Total Nitrogen, %	46.56	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07353</b>	
		Total Nitrogen, %	46.41	46
<b>Chemsico</b>				
<b>St. Louis, MO</b>				
	<b>ACE Green Turf Lawn Fertilizer with Micronutrients</b>		<b>08N-06845</b>	
		Commercial Value	97.5	99
		Iron, %	3.56	2
		Overall Index Value	98.5	100
		Total Nitrogen, %	29.40	30
		Available Phosphate, %	3.26	3
		Soluble Potash, %	2.81	3
		Sulfur, %	1.19	1
	<b>KGRO Premium Lawn Fertilizer 29-3-4</b>		<b>08N-07544</b>	
		Commercial Value	98.1	97
		Iron, %	0.93	1
		Overall Index Value	101.	100
		Total Nitrogen, %	29.15	29
		Available Phosphate, %	3.07	3
		Soluble Potash, %	4.54	4
	<b>*** ACE Green Turf Weed and Feed 29-3-3</b>		<b>08N-10204</b>	
		Commercial Value	90.2	96
		Overall Index Value	93.9	100
		DEFICIENT		
		Total Nitrogen, %	26.80	29
		DEFICIENT		
		Available Phosphate, %	3.38	3
		Soluble Potash, %	3.91	3

Manufacturer Location	Product	Analyte	Found	Claim
<b>Chester Farm Service Corp.</b>				
<b>Chester, SD</b>				
	<b>Custom Dry Bulk Fertilizer 34.38-11.62-5.93</b>		<b>08N-06457</b>	
		Commercial Value	134.	132.28
		Overall Index Value	102.	100
		Total Nitrogen, %	34.67	34.38
		Available Phosphate, %	11.45	11.62
		Soluble Potash, %	7.48	5.93
<b>CHS Cooperatives</b>				
<b>Minneapolis, MN</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07660</b>	
		Commercial Value	138.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.40	11
		Available Phosphate, %	51.71	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07661</b>	
		Arsenic, ug/g (ppm)	2.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	0.6	
		Total Nitrogen, %	46.75	46
		Lead, ug/g (ppm)	1.8	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	1.0	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	2.04	
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-07662</b>	
		Soluble Potash, %	59.52	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07663</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.19	11
		Available Phosphate, %	52.54	52
<b>CHS Crop Nutrients</b>				
<b>Minneapolis, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06488</b>	
		Total Nitrogen, %	46.02	46
<b>CHS Crop Nutrients-Worthing</b>				
<b>St. Paul, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05616</b>	
		Total Nitrogen, %	46.88	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-05617</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.44	11
		Available Phosphate, %	51.85	52
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-05874</b>	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.12	18
		Available Phosphate, %	45.91	46
<b>CHS Farmers Alliance</b>				
<b>Alexandria, SD</b>				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-08822</b>	
		Total Nitrogen, %	28.75	28

Manufacturer Location	Product	Analyte	Found	Claim
<b>CHS Farmers Alliance</b>				
<b>Ethan, SD</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-09566</b>	
	Soluble Potash, %		59.90	60
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-09567</b>	
	Total Nitrogen, %		21.33	21
	Sulfur, %		24.03	24
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09568</b>	
	Total Nitrogen, %		46.21	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-09569</b>	
	Commercial Value		148.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.16	18
	Available Phosphate, %		46.81	46
<b>CHS Inc</b>				
<b>Inver Grove Heights, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05780</b>	
	Total Nitrogen, %		46.67	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07386</b>	
	Total Nitrogen, %		46.77	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-09963</b>	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.13	11
	Available Phosphate, %		52.16	52
<b>CHS Inc-Worthing</b>				
<b>Worthing, SD</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-10219</b>	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		17.98	18
	Available Phosphate, %		46.46	46
<b>CHS Inc.</b>				
<b>St. Paul, MN</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-05873</b>	
	Soluble Potash, %		59.77	60
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05878</b>	
	Total Nitrogen, %		46.59	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-06772</b>	
	Commercial Value		140.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.28	11
	Available Phosphate, %		53.10	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-06779</b>	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.36	11
	Available Phosphate, %		52.18	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07666</b>	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.28	11
	Available Phosphate, %		52.30	52

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-07667</b>	
		Total Nitrogen, %	21.31	21
		Sulfur, %	24.51	24
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07668</b>	
		Total Nitrogen, %	46.64	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-07669</b>	
	Soluble Potash, %	60.41	60	
<b>CHS Inc.</b>				
<b>Watertown, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07448</b>	
		Total Nitrogen, %	45.83	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07449</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.61	11
		Available Phosphate, %	51.89	52
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-15217</b>	
		Commercial Value	97.8	98
		Overall Index Value	99.8	100
		Total Nitrogen, %	10.10	10
		Available Phosphate, %	33.87	34
<b>Clark Community Oil Co.</b>				
<b>Clark, SD</b>				
	<b>Custom Dry Fertilizer 33-20-0</b>		<b>08N-06432</b>	
		Commercial Value	141.	139
		Overall Index Value	102.	100
		Total Nitrogen, %	32.71	33
		Available Phosphate, %	21.62	20
	<b>Custom Dry Fertilizer 34-18-0</b>		<b>08N-06433</b>	
		Commercial Value	88.8	138
		Overall Index Value	103.	100
		Total Nitrogen, %	35.37	34.16
		Available Phosphate, %	17.89	17.57
<b>Clark County Farmers Elevator</b>				
<b>Clark, SD</b>				
	<b>Custom Dry Fertilizer 32-20-0</b>		<b>08N-06430</b>	
		Commercial Value	121.	137.59
		Overall Index Value	106.	100
		Total Nitrogen, %	32.11	32.25
		Available Phosphate, %	24.50	20.42
<b>Colton Farmers Elevator</b>				
<b>Colton, SD</b>				
	<b>Custom Dry Bulk Fertilizer 43.3-0-0-S3.9</b>		<b>08N-06456</b>	
		Total Nitrogen, %	44.02	43.3
		Sulfur, %	3.66	3.9
<b>ConAgra Fertilizer Corp</b>				
<b>Shakopee, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06458</b>	
		Total Nitrogen, %	46.99	46
<b>Cone Ag</b>				
<b>Onida, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09534</b>	
		Total Nitrogen, %	46.22	46



Manufacturer Location	Product	Analyte	Found	Claim	
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-09535</b>		
		Total Nitrogen, %	21.49	21	
		Sulfur, %	24.23	24	
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-09536</b>		
		Commercial Value	140.	137	
		Overall Index Value	102.	100	
		Total Nitrogen, %	11.58	11	
		Available Phosphate, %	52.53	52	
	<b>Cooperative Agronomy Services</b>				
	<b>Groton, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06775</b>		
		Total Nitrogen, %	46.61	46	
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-06776</b>		
		Commercial Value	142.	137	
		Overall Index Value	104.	100	
		Total Nitrogen, %	11.70	11	
		Available Phosphate, %	53.43	52	
	<b>Country Pride</b>				
	<b>Chancellor, SD</b>				
	**	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-07566</b>	
		Soluble Potash, %	56.13	60	
		DEFICIENT			
<b>Dry Bulk Fertilizer 18-46-0</b>			<b>08N-07567</b>		
		Commercial Value	148.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	18.14	18	
		Available Phosphate, %	46.87	46	
<b>Dry Bulk Fertilizer 21-0-0-S24</b>			<b>08N-07568</b>		
		Total Nitrogen, %	21.15	21	
		Sulfur, %	24.30	24	
<b>Dry Bulk Fertilizer 46-0-0</b>			<b>08N-07569</b>		
		Total Nitrogen, %	45.74	46	
<b>Country Pride Coop</b>					
<b>Winner, SD</b>					
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-08788</b>		
		Total Nitrogen, %	28.32	28	
	<b>** Liquid Bulk Fertilizer 9-20-5-S5.25</b>		<b>08N-08789</b>		
		Commercial Value	73.3	72	
		Overall Index Value	102.	100	
		Total Nitrogen, %	10.15	9	
		Available Phosphate, %	18.63	20	
		DEFICIENT			
		Soluble Potash, %	5.06	5	
		Sulfur, %	5.10	5.25	
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-08790</b>		
		Soluble Potash, %	60.78	60	
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-08791</b>		
		Commercial Value	147.	146	
		Overall Index Value	101.	100	
	Total Nitrogen, %	18.27	18		
	Available Phosphate, %	46.29	46		
<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-08792</b>			
	Total Nitrogen, %	21.01	21		
	Sulfur, %	24.43	24		
<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-08793</b>			
	Total Nitrogen, %	46.54	46		

Manufacturer Location	Product	Analyte	Found	Claim
<b>Country Pride Services Cooperative</b>				
<b>Bingham Lake, MN</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-05886</b>	
	Soluble Potash, %		59.05	60
<b>Dakota Ag Coop</b>				
<b>Claire City, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05692</b>	
	Total Nitrogen, %		46.67	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-05693</b>	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		10.94	11
	Available Phosphate, %		52.73	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-05694</b>	
	Commercial Value		148.	146
	Overall Index Value		102.	100
	Total Nitrogen, %		18.11	18
	Available Phosphate, %		46.97	46
<b>Dakota Ag Coop</b>				
<b>Miller, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07351</b>	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.33	11
	Available Phosphate, %		51.62	52
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-07352</b>	
	Total Nitrogen, %		21.08	21
	Sulfur, %		24.35	24
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-07354</b>	
	Total Nitrogen, %		21.32	21
	Sulfur, %		24.34	24
<b>Dakota Fertilizer &amp; Chemical</b>				
<b>Canton, SD</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-08311</b>	
	Commercial Value		146.	146
	Overall Index Value		100.	100
	Total Nitrogen, %		17.95	18
	Available Phosphate, %		46.31	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-08312</b>	
	Total Nitrogen, %		46.75	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-08313</b>	
	Soluble Potash, %		60.03	60
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-08314</b>	
	Total Nitrogen, %		21.45	21
	Sulfur, %		24.32	24
<b>Dakota Gasification</b>				
<b>Bismarck, ND</b>				
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-06620</b>	
	Total Nitrogen, %		21.40	21
	Sulfur, %		24.42	24

Manufacturer Location	Product	Analyte	Found	Claim
<b>Dakota Gasification Company</b>				
<b>Beulah, ND</b>				
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-04719</b>	
	Total Nitrogen, %		21.15	21
	Sulfur, %		24.22	24
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-05881</b>	
	Total Nitrogen, %		21.24	21
	Sulfur, %		24.26	24
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-05910</b>	
	Total Nitrogen, %		20.93	21
	Sulfur, %		24.19	24
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-06313</b>	
	Total Nitrogen, %		21.43	21
	Sulfur, %		24.39	24
<b>Dakota Mill &amp; Grain</b>				
<b>Murdo, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-06763</b>	
	Commercial Value		139.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.41	11
	Available Phosphate, %		52.44	52
<b>Dakota Mill and Grain</b>				
<b>Midland, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-03808</b>	
	Total Nitrogen, %		46.79	46
<b>Dakota Plains Ag Center LLC</b>				
<b>Parkston, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-05646</b>	
	Commercial Value		139.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.17	11
	Available Phosphate, %		52.93	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07176</b>	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.37	11
	Available Phosphate, %		51.57	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-17543</b>	
	Total Nitrogen, %		46.44	46
<b>DeBruce Fertilizer, Inc.</b>				
<b>Kansas City, MO</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-09480</b>	
	Commercial Value		140.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		11.47	11
	Available Phosphate, %		52.60	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09481</b>	
	Total Nitrogen, %		46.47	46
<b>Dell Rapids Coop Grain</b>				
<b>Dell Rapids, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05872</b>	
	Total Nitrogen, %		46.58	46

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Custom Fertilizer 28.7-13.42-9.59-S1.917</b>		<b>08N-05876</b>	
		Commercial Value	122.	122.53
		Overall Index Value	99.3	100
		Total Nitrogen, %	28.08	28.76
		Available Phosphate, %	13.92	13.42
		Soluble Potash, %	10.66	9.59
		Sulfur, %	2.74	1.917
	<b>Custom Dry Bulk Fertilizer 29.23-13.64-9.74-S1.95</b>		<b>08N-06452</b>	
		Commercial Value	127.	124.71
		Overall Index Value	102.	100
	Total Nitrogen, %	29.04	29.23	
	Available Phosphate, %	14.37	13.64	
	Soluble Potash, %	10.95	9.74	
	Sulfur, %	1.99	1.95	
<b>Domestic Seed &amp; Supply Inc</b>				
<b>Madison, SD</b>				
<b>Custom Dry Bulk Fertilizer 32.1-22.9-0</b>		<b>08N-06633</b>		
	Commercial Value	147.	142.1	
	Overall Index Value	103.	100	
	Total Nitrogen, %	33.59	32.1	
	Available Phosphate, %	22.99	22.9	
<b>Dyno Nobel Inc.</b>				
<b>Cheyenne, WY</b>				
<b>UAN032 Liquid Fertilizer 32-0-0</b>		<b>08N-05025</b>		
	Total Nitrogen, %	31.20	32	
<b>Eastern Farmers Coop Baltic</b>				
<b>Baltic, SD</b>				
<b>Dry Bulk Fertilizer Sulfur</b>		<b>08N-05816</b>		
	Sulfur, %	90.72	90	
<b>*** Dry Bulk Fertilizer 18-46-0</b>		<b>08N-05817</b>		
	Commercial Value	129.	146	
	Overall Index Value	88.1	100	
	DEFICIENT			
	Total Nitrogen, %	18.03	18	
	Available Phosphate, %	36.81	46	
	DEFICIENT			
<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-05820</b>		
	Soluble Potash, %	59.54	60	
<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05821</b>		
	Total Nitrogen, %	46.62	46	
<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-09280</b>		
	Total Nitrogen, %	28.50	28	
<b>Eastern Farmers Coop-Worthing Ag Center</b>				
<b>Worthing, SD</b>				
<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-07530</b>		
	Total Nitrogen, %	29.67	28	
<b>Liquid Bulk Fertilizer Nutra-Flo 10-34-0</b>		<b>08N-07531</b>		
	Commercial Value	97.0	98	
	Overall Index Value	99.0	100	
	Total Nitrogen, %	9.99	10	
	Available Phosphate, %	33.52	34	
<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07533</b>		
	Total Nitrogen, %	46.21	46	
<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-07534</b>		
	Total Nitrogen, %	21.36	21	
	Sulfur, %	23.74	24	

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Super Cal-Lime 98G</b>		<b>08N-07535</b>	
		Calcium, %	37.02	38
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-07536</b>	
		Soluble Potash, %	59.42	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07537</b>	
		Commercial Value	136.	137
		Overall Index Value	99.4	100
		Total Nitrogen, %	10.99	11
		Available Phosphate, %	51.59	52
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-07538</b>	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.18	18
		Available Phosphate, %	46.45	46
	<b>Lime "SuperCal 98G"</b>		<b>08N-09471</b>	
	Calcium, %	38.42	38	
<b>Easy Gardener</b>				
<b>Waco, TX</b>				
	<b>Ross Root Feeder Refills</b>		<b>08N-02669</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	0.8	
		Cobalt, ug/g (ppm)	0.8	
		Commercial Value	139.	134
		Overall Index Value	104.	100
		Total Nitrogen, %	9.87	9
		Available Phosphate, %	46.93	46
		Soluble Potash, %	15.88	15
		Lead, ug/g (ppm)	4.4	
		Mercury, ug/g (ppm)	0.001	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	3.0	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	16.5	
	<b>Evergreen Tree Spikes 11-5-7</b>		<b>08N-05513</b>	
		Commercial Value	53.8	50
		Overall Index Value	154.	100
		Total Nitrogen, %	15.78	11
		Available Phosphate, %	10.06	5
		Soluble Potash, %	9.99	7
<b>Eau Claire Coop Oil Company</b>				
<b>Eau Claire, WI</b>				
	<b>Max Lawn Premium Fertilizer Starter Fertilizer 12-24-6</b>		<b>08N-04747</b>	
		Commercial Value	71.8	90
		Overall Index Value	98.8	100
		Total Nitrogen, %	11.86	12
		Available Phosphate, %	23.85	24
		Soluble Potash, %	6.20	6
	<b>Menards Premium Weed &amp; Feed 28-2-8</b>		<b>08N-07540</b>	
		Commercial Value	95.8	96
		Iron, %	1.32	1
		Overall Index Value	99.8	100
		Total Nitrogen, %	27.54	28
		Available Phosphate, %	2.19	2
		Soluble Potash, %	8.83	8

Manufacturer Location	Product	Analyte	Found	Claim
<b>Elkton Farmers Coop Oil</b>				
<b>Elkton, SD</b>				
	<b>Custom Dry Bulk Fertilizer 32.56-9.77-9.77</b>		<b>08N-06748</b>	
	Commercial Value		130.	126.81
	Overall Index Value		102.	100
	Total Nitrogen, %		33.09	32.56
	Available Phosphate, %		9.69	9.77
	Soluble Potash, %		11.83	9.77
	<b>Custom Dry Bulk Fertilizer 36.6-7.8-5.2</b>		<b>08N-07997</b>	
	Commercial Value		132.	130.6
	Overall Index Value		101.	100
	Total Nitrogen, %		36.02	36.6
	Available Phosphate, %		7.56	7.8
	Soluble Potash, %		8.48	5.2
<b>Estelline Coop Grain</b>				
<b>Estelline, SD</b>				
	<b>Custom Dry Bulk Fertilizer 24.8-15.9-13.6</b>		<b>08N-07665</b>	
	Commercial Value		122.	119.8
	Overall Index Value		101.	100
	Total Nitrogen, %		24.22	24.8
	Available Phosphate, %		17.11	15.9
	Soluble Potash, %		14.68	13.6
	<b>Custom Dry Bulk Fertilizer 29.4-14-9.3</b>		<b>08N-07670</b>	
	Commercial Value		127.	125.5
	Overall Index Value		101.	100
	Total Nitrogen, %		28.92	29.4
	Available Phosphate, %		15.08	14
	Soluble Potash, %		10.38	9.3
<b>Farmers AG LLC</b>				
<b>Madison, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-10220</b>	
	Total Nitrogen, %		46.75	46
<b>Farmers Alliance</b>				
<b>Mitchell, SD</b>				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-07930</b>	
	Commercial Value		98.7	98
	Overall Index Value		101.	100
	Total Nitrogen, %		10.23	10
	Available Phosphate, %		34.00	34
	<b>** Custom Dry Bulk Fertilizer 16-28-0-S10.9</b>		<b>08N-07932</b>	
	Commercial Value		119.	104
	Overall Index Value		114.	100
	Total Nitrogen, %		21.01	16
	Available Phosphate, %		27.98	28
	Sulfur, %		7.16	10.9
	DEFICIENT			
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07933</b>	
	Total Nitrogen, %		46.58	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-07934</b>	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.24	18
	Available Phosphate, %		46.28	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-07935</b>	
	Soluble Potash, %		60.30	60

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-07936</b>	
		Total Nitrogen, %	21.41	21
		Sulfur, %	24.83	24
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07937</b>	
		Commercial Value	138.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.06	11
	Available Phosphate, %	52.16	52	
<b>Farmers Coop Oil</b>				
<b>White Lake, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09579</b>	
		Total Nitrogen, %	46.35	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-09580</b>	
		Soluble Potash, %	61.59	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-09581</b>	
		Commercial Value	139.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.13	11
		Available Phosphate, %	52.67	52
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-09582</b>	
		Total Nitrogen, %	28.18	28
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-09583</b>	
		Commercial Value	98.4	98
		Overall Index Value	100.	100
		Total Nitrogen, %	10.15	10
		Available Phosphate, %	34.08	34
<b>Farmers Plant Food</b>				
<b>Corson, SD</b>				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-09856</b>	
		Commercial Value	97.7	98
		Overall Index Value	99.7	100
		Total Nitrogen, %	10.26	10
		Available Phosphate, %	33.47	34
<b>Farmers Plant Food</b>				
<b>Verdi, MN</b>				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-08307</b>	
		Commercial Value	98.7	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.21	10
		Available Phosphate, %	34.02	34
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-08308</b>	
		Total Nitrogen, %	28.03	28
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-09857</b>	
		Total Nitrogen, %	28.35	28
<b>Farmers Plant Food Inc</b>				
<b>Garretson, SD</b>				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-04753</b>	
		Commercial Value	99.2	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.29	10
		Available Phosphate, %	34.17	34

Manufacturer Location	Product	Analyte	Found	Claim
<b>Farmers Plant Food Inc Wolsey, SD</b>				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-04150</b>	
	Commercial Value		98.6	98
	Overall Index Value		101.	100
	Total Nitrogen, %		10.15	10
	Available Phosphate, %		34.08	34
	<b>Liquid Bulk Fertilizer 32-0-0</b>		<b>08N-04151</b>	
	Total Nitrogen, %		32.17	32
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-04152</b>	
	Total Nitrogen, %		28.55	28
<b>Farmers Union Coop Oil Company Flandreau, SD</b>				
	<b>Custom Dry Bulk Fertilizer 30.5-10.2-12.2</b>		<b>08N-05887</b>	
	Commercial Value		124.	124.1
	Overall Index Value		100.	100
	Total Nitrogen, %		30.27	30.5
	Available Phosphate, %		10.40	10.2
	Soluble Potash, %		12.63	12.2
	<b>Custom Dry Bulk Fertilizer 30-11.3-11.3</b>		<b>08N-05889</b>	
	Commercial Value		127.	123.9
	Overall Index Value		102.	100
	Total Nitrogen, %		29.99	30
	Available Phosphate, %		12.78	11.3
	Soluble Potash, %		11.23	11.3
<b>Fremar LLC Marion, SD</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-05885</b>	
	Commercial Value		148.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.55	18
	Available Phosphate, %		46.06	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06453</b>	
	Total Nitrogen, %		46.52	46
<b>Gavilon Fertilizer Savannah, GA</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-17544</b>	
	Commercial Value		137.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.15	11
	Available Phosphate, %		52.21	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-17545</b>	
	Commercial Value		137.	137
	Overall Index Value		99.7	100
	Total Nitrogen, %		11.27	11
	Available Phosphate, %		51.92	52



Manufacturer Location	Product	Analyte	Found	Claim
<b>Gordons Kansas City, MS</b>				
	<b>Liquid Lawn &amp; Pasture Fertilizer 20-0-0 w/</b>		<b>08N-10065</b>	
		Arsenic, ug/g (ppm)	1.9	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	2.1	
		Total Nitrogen, %	20.50	20
		Zinc, %	0.05	0.05
		Lead, ug/g (ppm)	2.3	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	1.0	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	483.	
	<b>Triple 10 Liquid Fertilizer 10-10-10</b>		<b>08N-10066</b>	
		Commercial Value	62.0	60
		Overall Index Value	103.	100
		Total Nitrogen, %	10.37	10
		Available Phosphate, %	10.37	10
		Soluble Potash, %	10.10	10
<b>Gro Tec Inc Madison, GA</b>				
	<b>Pennington Lawn &amp; Garden Products Blood Meal</b>		<b>08N-03596</b>	
		Total Nitrogen, %	14.96	12
	<b>Pennington Lawn Starter 18-24-6</b>		<b>08N-07559</b>	
		Commercial Value	111.	108
		Overall Index Value	103.	100
		Total Nitrogen, %	18.33	18
		Available Phosphate, %	24.63	24
		Soluble Potash, %	6.47	6
<b>Hartford Farmers Elevator Hartford, SD</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-10221</b>	
		Soluble Potash, %	60.88	60
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-10224</b>	
		Commercial Value	150.	146
		Overall Index Value	103.	100
		Total Nitrogen, %	19.10	18
		Available Phosphate, %	46.54	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-10225</b>	
		Total Nitrogen, %	46.50	46
<b>Hazel Farmers Elevator Hazel, SD</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-09886</b>	
		Soluble Potash, %	60.67	60
	<b>** Dry Bulk Fertilizer 11-52-0</b>		<b>08N-09887</b>	
		Commercial Value	134.	137
		Overall Index Value	98.0	100
		Total Nitrogen, %	11.34	11
		Available Phosphate, %	50.35	52
		DEFICIENT		
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09888</b>	
		Total Nitrogen, %	46.80	46

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-09889</b>	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.11	18
		Available Phosphate, %	46.62	46
<b>Howard Farmers Elevator</b>				
<b>Howard, SD</b>				
	<b>Custom Dry Bulk Fertilizer 38.8-10.6-0</b>		<b>08N-06614</b>	
		Commercial Value	139.	137.6
		Overall Index Value	101.	100
		Total Nitrogen, %	39.20	38.8
		Available Phosphate, %	10.68	10.6
<b>Howard Johnsons Enterprises Inc</b>				
<b>Milwaukee, WI</b>				
	<b>All Purpose Fertilizer 10-10-10</b>		<b>08N-04478</b>	
		Commercial Value	62.4	60
		Overall Index Value	104.	100
		Total Nitrogen, %	10.20	10
		Available Phosphate, %	10.27	10
		Soluble Potash, %	11.29	10
	<b>Howard Johnson All Purpose Lawn &amp; Garden Fertilizer</b>		<b>08N-05934</b>	
		Commercial Value	44.3	60
		Overall Index Value	109.	100
		Total Nitrogen, %	10.43	10
		Available Phosphate, %	11.67	10
		Soluble Potash, %	10.70	10
	<b>Hardware Hank Weed &amp; Feed Plus 26-3-4</b>		<b>08N-05936</b>	
		Commercial Value	89.9	88
		Overall Index Value	102.	100
		Total Nitrogen, %	26.45	26
		Available Phosphate, %	3.05	3
		Soluble Potash, %	4.48	4
	<b>Hardware Hank Turf Food 28-3-4</b>		<b>08N-05937</b>	
		Commercial Value	101.	94
		Overall Index Value	107.	100
		Total Nitrogen, %	29.45	28
		Available Phosphate, %	4.00	3
		Soluble Potash, %	4.47	4
	<b>Howard Johnson's Premium Fertilizer &amp; Crabgrass</b>		<b>08N-05938</b>	
		Commercial Value	87.3	83
		Overall Index Value	105.	100
		Total Nitrogen, %	24.15	23
		Available Phosphate, %	3.50	3
		Soluble Potash, %	7.85	8
	<b>*** Natural Garden Bone Meal 3-6-0</b>		<b>08N-09312</b>	
		Calcium, %	14.79	9
		Commercial Value	37.2	21
		Iron, %	1.45	2
		DEFICIENT		
		Overall Index Value	177.	100
		Magnesium, %	1.93	4
		DEFICIENT		
		Total Nitrogen, %	4.72	3
		Available Phosphate, %	11.80	6
	<b>Natural Garden Blood Meal 12-0-0</b>		<b>08N-09313</b>	
		Total Nitrogen, %	13.17	12

Manufacturer Location	Product	Analyte	Found	Claim
<b>Jirdon Agri Chemicals Inc</b>				
<b>Morrill, NE</b>				
	<b>Starter Fertilizer 15-30-15 with 1% Sulfur</b>		<b>08N-10206</b>	
	Commercial Value		120.	120
	Overall Index Value		99.8	100
	Total Nitrogen, %		14.64	15
	Available Phosphate, %		29.87	30
	Soluble Potash, %		16.04	15
	Sulfur, %		1.58	1
	<b>Super Iron Green</b>		<b>08N-10207</b>	
	Arsenic, ug/g (ppm)		2.5	
	Cadmium, ug/g (ppm)		1.4	
	Cobalt, ug/g (ppm)		17.0	
	Iron, %		17.20	16
	Total Nitrogen, %		7.60	8
	Sulfur, %		20.67	20
	Lead, ug/g (ppm)		3.8	
	Mercury, ug/g (ppm)		0.13	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		17.0	
	Selenium, ug/g (ppm)		<0.150	
	Zinc, ug/g (ppm)		3550.	
<b>Johnsons Ranchers Supply Inc</b>				
<b>Wall, SD</b>				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-07383</b>	
	Arsenic, ug/g (ppm)		3.0	
	Cadmium, ug/g (ppm)		<0.5	
	Cobalt, ug/g (ppm)		1.6	
	Total Nitrogen, %		29.14	28
	Lead, ug/g (ppm)		2.0	
	Mercury, ug/g (ppm)		<0.001	
	Molybdenum, ug/g (ppm)		1.5	
	Nickel, ug/g (ppm)		1.0	
	Selenium, ug/g (ppm)		<0.150	
	Zinc, ug/g (ppm)		9.48	
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-15928</b>	
	Total Nitrogen, %		46.82	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-15929</b>	
	Total Nitrogen, %		46.90	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-15930</b>	
	Commercial Value		143.	137
	Overall Index Value		104.	100
	Total Nitrogen, %		11.91	11
	Available Phosphate, %		53.53	52
<b>Koch Fertilizer Canada Ltd.</b>				
<b>Brandon, MB</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09966</b>	
	Total Nitrogen, %		46.59	46
<b>Koch Nitrogen Company</b>				
<b>Enid, OK</b>				
	<b>** Dry Bulk Fertilizer 46-0-0</b>		<b>08N-03993</b>	
	Total Nitrogen, %		43.22	46
	DEFICIENT			
<b>Koch Nitrogen Company</b>				
<b>Rosemount, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-04450</b>	
	Total Nitrogen, %		46.40	46

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09964</b>	
	Total Nitrogen, %		46.58	46
<b>Kronos Micronutrients LP</b>				
<b>Moxee, WA</b>				
	<b>35.5% Zinc Granular with Sulfur</b>		<b>08N-06773</b>	
	Arsenic, ug/g (ppm)		<1.0	
	Cadmium, ug/g (ppm)		1.5	
	Cobalt, ug/g (ppm)		2.5	
	Sulfur, %		17.04	18
	Zinc, %		34.65	35.5
	Lead, ug/g (ppm)		18.5	
	Mercury, ug/g (ppm)		<0.001	
	Molybdenum, ug/g (ppm)		<1.0	
	Nickel, ug/g (ppm)		18.4	
	Selenium, ug/g (ppm)		<0.150	
	Zinc, ug/g (ppm)		346000.	
<b>Labolt Farmers Grain</b>				
<b>Labolt, SD</b>				
	<b>*** Dry Custom Fertilizer 26.1-16.1-13</b>		<b>08N-05787</b>	
	Commercial Value		122.	123.5
	Overall Index Value		98.9	100
	Total Nitrogen, %		25.35	26.1
	Available Phosphate, %		14.34	16.1
	DEFICIENT			
	Soluble Potash, %		16.79	13
<b>Lake Preston Coop</b>				
<b>Lake Preston, SD</b>				
	<b>*** Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-06431</b>	
	Commercial Value		97.9	98
	Overall Index Value		99.9	100
	Total Nitrogen, %		10.54	10
	Available Phosphate, %		32.39	34
	DEFICIENT			
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-09467</b>	
	Total Nitrogen, %		28.26	28
<b>Lake Preston Coop-Osceola</b>				
<b>Bancroft, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07489</b>	
	Commercial Value		139.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.69	11
	Available Phosphate, %		51.87	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07490</b>	
	Total Nitrogen, %		46.27	46
<b>Lebanon Seaboard Corp</b>				
<b>Lebanon, PA</b>				
	<b>Preen Garden Weed Preventer Plus Fertilizer 9-17-9</b>		<b>08N-06843</b>	
	Chlorine, %		7.61	8
	Commercial Value		74.4	70
	Overall Index Value		106.	100
	Total Nitrogen, %		10.41	9
	Available Phosphate, %		16.88	17
	Soluble Potash, %		9.43	9

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Preen Weed Preventer &amp; Fertilizer 9-17-9</b>		<b>08N-09311</b>	
		Chlorine, %	7.59	8
		Commercial Value	73.4	70
		Overall Index Value	105.	100
		Total Nitrogen, %	10.08	9
		Available Phosphate, %	16.65	17
		Soluble Potash, %	9.86	9
<b>Lilly Miller Brands Walnut Creek, CA</b>				
	<b>Alaska Fish Fertilizer 5-1-1</b>		<b>08N-04733</b>	
		Arsenic, ug/g (ppm)	1.9	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	2.6	
		Commercial Value	20.4	8
		Overall Index Value	113.	100
		Total Nitrogen, %	4.88	5
		Available Phosphate, %	1.19	1
		Soluble Potash, %	3.35	1
		Lead, ug/g (ppm)	2.4	
		Mercury, ug/g (ppm)	0.003	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	3.3	
		Selenium, ug/g (ppm)	1.62	
		Zinc, ug/g (ppm)	24.6	
<b>Lilly Miller Brands F1475 Clackamas, OR</b>				
	<b>Lilly Miller Multicote Outdoor/Indoor Plant Food 18-6-12</b>		<b>08N-07561</b>	
		Commercial Value	83.0	78
		Overall Index Value	106.	100
		Magnesium, %	3.00	1.2
		Total Nitrogen, %	19.64	18
		Available Phosphate, %	6.17	6
		Soluble Potash, %	11.69	12
		Sulfur, %	2.76	2.3
<b>Loveland Industries Inc Greeley, CO</b>				
	<b>24-5-10 w/ 50% PCSCU &amp; 3% Fe Prospect Plus</b>		<b>08N-07563</b>	
		Commercial Value	97.5	92
		Iron, %	3.50	3
		Overall Index Value	106.	100
		Total Nitrogen, %	25.82	24
		Available Phosphate, %	4.93	5
		Soluble Potash, %	10.11	10
<b>Mettler Fertilizer Inc Menno, SD</b>				
	<b>Custom Dry Bulk Fertilizer 32.31-12.93-6.46</b>		<b>08N-07178</b>	
		Commercial Value	135.	129.25
		Overall Index Value	105.	100
		Total Nitrogen, %	33.90	32.31
		Available Phosphate, %	13.42	12.93
		Soluble Potash, %	6.53	6.46

Manufacturer Location	Product	Analyte	Found	Claim
<b>Midwest Cooperatives</b>				
<b>Onida, SD</b>				
	<b>Custom Dry Bulk Fertilizer 37.1-13.2-0</b>		<b>08N-06777</b>	
	Commercial Value		142.	137.7
	Overall Index Value		103.	100
	Total Nitrogen, %		38.15	37.1
	Available Phosphate, %		13.60	13.2
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-09538</b>	
	Total Nitrogen, %		20.81	21
	Sulfur, %		24.73	24
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-09539</b>	
	Arsenic, ug/g (ppm)		4.0	
	Cadmium, ug/g (ppm)		3.3	
	Cobalt, ug/g (ppm)		3.1	
	Commercial Value		120.	137
	Overall Index Value		100.	100
	Total Nitrogen, %		11.13	11
	Available Phosphate, %		51.94	52
	Lead, ug/g (ppm)		4.6	
	Mercury, ug/g (ppm)		<0.001	
	Molybdenum, ug/g (ppm)		7.8	
	Nickel, ug/g (ppm)		11.3	
	Selenium, ug/g (ppm)		<0.150	
	Zinc, ug/g (ppm)		95.3	
	<b>** Dry Bulk Fertilizer 0-0-60</b>		<b>08N-09540</b>	
	Soluble Potash, %		57.92	60
	DEFICIENT			
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09541</b>	
	Total Nitrogen, %		46.33	46
	<b>** Liquid Bulk Fertilizer 32-0-0</b>		<b>08N-09542</b>	
	Total Nitrogen, %		28.21	32
	DEFICIENT			
<b>Midwest Cooperatives</b>				
<b>Philip, SD</b>				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-07380</b>	
	Total Nitrogen, %		27.96	28
<b>Midwest Cooperatives</b>				
<b>Pierre, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07378</b>	
	Commercial Value		138.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.60	11
	Available Phosphate, %		51.74	52
	<b>** Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-07381</b>	
	Commercial Value		94.9	98
	Overall Index Value		96.8	100
	DEFICIENT			
	Total Nitrogen, %		10.11	10
	Available Phosphate, %		32.59	34
	DEFICIENT			
<b>Milwaukee Met Sewerage Dist.</b>				
<b>Milwaukee, WI</b>				
	<b>Milorganite Lawn &amp; Garden Fertilizer 5-2-0 with 4% Iron</b>		<b>08N-05935</b>	
	Commercial Value		26.9	29
	Iron, %		4.45	4
	Overall Index Value		142.	100
	Total Nitrogen, %		6.89	5
	Available Phosphate, %		3.11	2

Manufacturer Location	Product	Analyte	Found	Claim
<b>Montana Sulfur &amp; Chemical</b>				
<b>Billings, MT</b>				
	<b>Yellowstone Disintegrating Sulfur Granules</b>		<b>08N-06454</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	1.3	
		Cobalt, ug/g (ppm)	2.0	
		Sulfur, %	90.47	90
		Lead, ug/g (ppm)	5.0	
		Mercury, ug/g (ppm)	0.005	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	2.4	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	24.2	
<b>Mosaic</b>				
<b>Plymouth, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06312</b>	
		Total Nitrogen, %	46.72	46
<b>Mosaic Crop Nutrition</b>				
<b>Minneapolis, MN</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-04903</b>	
		Commercial Value	123.	137
		Overall Index Value	103.	100
		Total Nitrogen, %	11.57	11
		Available Phosphate, %	52.65	52
	<b>Dry Bulk Fertilizer 12-40-0-S10</b>		<b>08N-04905</b>	
		Commercial Value	117.	116
		Overall Index Value	101.	100
		Total Nitrogen, %	12.04	12
		Available Phosphate, %	40.49	40
		Sulfur, %	9.95	10
<b>Mosaic Crop Nutrition</b>				
<b>Riverview, FL</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-04720</b>	
		Soluble Potash, %	60.08	60
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-04902</b>	
		Total Nitrogen, %	46.87	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-05879</b>	
		Soluble Potash, %	59.20	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-06314</b>	
		Commercial Value	139.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.65	11
		Available Phosphate, %	52.24	52
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-06634</b>	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.44	18
		Available Phosphate, %	46.75	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-07177</b>	
		Soluble Potash, %	59.82	60
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-17541</b>	
		Soluble Potash, %	61.30	60
	<b>** Dry Bulk Fertilizer 0-0-60</b>		<b>08N-17542</b>	
		Total Nitrogen, %	0.18	0
		Available Phosphate, %	0.09	0
		Soluble Potash, %	58.32	60
		DEFICIENT		

Manufacturer Location	Product	Analyte	Found	Claim
<b>Mosaic Crop Nutrition, LLC</b>				
<b>Savage, MN</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-05615</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.57	11
		Available Phosphate, %	52.02	52
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-06459</b>	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	18.07	18
		Available Phosphate, %	45.83	46
	<b>** Dry Bulk Fertilizer 11-52-0</b>		<b>08N-06616</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	12.18	11
		Available Phosphate, %	50.75	52
		DEFICIENT		
<b>Mosaic USA LLC</b>				
<b>Minneapolis, MN</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-04448</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.16	11
		Available Phosphate, %	51.87	52
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-04449</b>	
		Soluble Potash, %	59.43	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-04718</b>	
		Commercial Value	138.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.23	11
		Available Phosphate, %	51.94	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-04722</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.05	11
		Available Phosphate, %	51.95	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-04723</b>	
		Total Nitrogen, %	46.58	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06618</b>	
		Total Nitrogen, %	46.49	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-06619</b>	
		Commercial Value	121.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.12	18
		Available Phosphate, %	46.75	46
<b>North Central Farmers Elevator</b>				
<b>Warner, SD</b>				
	<b>Custom Dry Bulk Fertilizer 33.26-18.14-0</b>		<b>08N-06770</b>	
		Commercial Value	142.	136.06
		Overall Index Value	104.	100
		Total Nitrogen, %	33.49	33.26
		Available Phosphate, %	20.72	18.14
<b>North Forthy Ag. Inc.</b>				
<b>Gregory, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-08646</b>	
		Total Nitrogen, %	46.77	46



Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-08647</b>	
		Arsenic, ug/g (ppm)	3.1	
		Cadmium, ug/g (ppm)	4.4	
		Cobalt, ug/g (ppm)	4.0	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.39	18
		Available Phosphate, %	46.84	46
		Lead, ug/g (ppm)	4.5	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	14.	
		Nickel, ug/g (ppm)	15.8	
		Selenium, ug/g (ppm)	0.161	
		Zinc, ug/g (ppm)	93.0	
<b>Northern Plains Coop</b>				
<b>Faulkton, SD</b>				
	<b>Custom Dry Bulk Fertilizer 42-0-0-S3.7</b>		<b>08N-05908</b>	
		Total Nitrogen, %	43.58	42
		Sulfur, %	3.32	3.7
<b>Northern Plains Coop</b>				
<b>Gettysburg, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09537</b>	
		Total Nitrogen, %	46.44	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-09543</b>	
		Commercial Value	139.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.49	11
		Available Phosphate, %	52.82	52
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-09544</b>	
		Total Nitrogen, %	21.30	21
		Sulfur, %	24.39	24
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-09545</b>	
		Soluble Potash, %	59.87	60
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-09546</b>	
		Arsenic, ug/g (ppm)	4.9	
		Cadmium, ug/g (ppm)	31.6	
		Cobalt, ug/g (ppm)	1.1	
		Commercial Value	97.4	98
		Overall Index Value	99.3	100
		Total Nitrogen, %	9.98	10
		Available Phosphate, %	33.81	34
		Lead, ug/g (ppm)	3.4	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	14.	
		Nickel, ug/g (ppm)	4.3	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	356.	
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-09547</b>	
		Total Nitrogen, %	28.39	28
<b>Northern Plains Coop</b>				
<b>Selby, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-03769</b>	
		Total Nitrogen, %	46.59	46

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-03770</b>	
		Commercial Value	137.	137
		Overall Index Value	99.7	100
		Total Nitrogen, %	11.11	11
		Available Phosphate, %	51.60	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05909</b>	
		Total Nitrogen, %	46.37	46
<b>Organica Biotech, Inc.</b>				
<b>Norristown, PA</b>				
	<b>Organica Plant Nutrition Tablets 5-5-3</b>		<b>08N-07541</b>	
		Commercial Value	46.4	33
		Overall Index Value	141.	100
		Total Nitrogen, %	5.21	5
		Available Phosphate, %	11.16	5
		Soluble Potash, %	9.15	8
<b>PBI Gordon Corp.</b>				
<b>Kansas City, MO</b>				
	<b>*** Systemic Rose Flower And Shrub Care</b>		<b>08N-05666</b>	
		Commercial Value	48.0	52
		Overall Index Value	92.3	100
		DEFICIENT		
		Magnesium, %	1.15	1
		Total Nitrogen, %	7.74	8
		Available Phosphate, %	9.81	12
		DEFICIENT		
		Soluble Potash, %	3.88	4
		Sulfur, %	21.44	12
<b>PCS Sales (USA) Inc.</b>				
<b>Northbrook, IL</b>				
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-10223</b>	
		Soluble Potash, %	60.39	60
<b>Plains Ag Service</b>				
<b>Elk Point, SD</b>				
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-12517</b>	
		Total Nitrogen, %	21.30	21
		Sulfur, %	23.88	24
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-12518</b>	
		Soluble Potash, %	60.63	60
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-12519</b>	
		Commercial Value	140.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.21	11
		Available Phosphate, %	53.01	52
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-12520</b>	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.28	18
		Available Phosphate, %	46.59	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-12521</b>	
		Total Nitrogen, %	46.52	46
<b>Pro Ag Supply</b>				
<b>Aberdeen, SD</b>				
	<b>*** Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-14382</b>	
		Total Nitrogen, %	26.21	28
		DEFICIENT		

Manufacturer Location	Product	Analyte	Found	Claim
<b>Rosebud Farmers Union Gregory, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-08654</b>	
		Total Nitrogen, %	46.83	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-08657</b>	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	18.45	18
		Available Phosphate, %	46.37	46
	<b>Super 55 Liquid Fertilizer 9-20-5-S5.25</b>		<b>08N-08660</b>	
		Commercial Value	74.1	72
		Overall Index Value	103.	100
		Total Nitrogen, %	9.84	9
		Available Phosphate, %	19.82	20
		Soluble Potash, %	4.91	5
		Sulfur, %	5.19	5.25
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-08661</b>	
		Total Nitrogen, %	28.14	28
<b>Saskferco Belle Plaine, Sask., CA</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-04621</b>	
		Total Nitrogen, %	46.46	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07175</b>	
		Total Nitrogen, %	46.81	46
<b>Schultz Company Bridgeton, MO</b>				
	<b>Schultz All Purpose Plant Food 20-30-20</b>		<b>08N-02668</b>	
		Commercial Value	141.	140
		Overall Index Value	101.	100
		Total Nitrogen, %	20.82	20
		Available Phosphate, %	29.65	30
		Soluble Potash, %	19.32	20
	<b>Schultz All Purpose Plant Food Gel</b>		<b>08N-04750</b>	
		Commercial Value	56.6	55
		Overall Index Value	103.	100
		Total Nitrogen, %	10.20	10
		Available Phosphate, %	10.42	10
		Soluble Potash, %	5.17	5
<b>Scotts Company Marysville, OH</b>				
	<b>Scotts Starter Fertilizer 20-27-5</b>		<b>08N-04748</b>	
		Commercial Value	124.	119
		Overall Index Value	104.	100
		Total Nitrogen, %	21.26	20
		Available Phosphate, %	27.52	27
		Soluble Potash, %	5.11	5
	<b>Scotts Lawn Fertilizer 29-3-4</b>		<b>08N-10029</b>	
		Commercial Value	102.	97
		Overall Index Value	105.	100
		Total Nitrogen, %	29.96	29
		Available Phosphate, %	3.66	3
		Soluble Potash, %	4.65	4

Manufacturer Location	Product	Analyte	Found	Claim
<b>Scotts Miracle-Gro Products, Inc. Marysville, OH</b>				
	<b>Miracle-Gro Water Soluble Tomato Plant Food 18-18-21</b>		<b>08N-03595</b>	
		Commercial Value	122.	111
		Overall Index Value	110.	100
		Total Nitrogen, %	19.93	18
		Available Phosphate, %	20.14	18
		Soluble Potash, %	21.05	21
	<b>Organic Choice Blood Meal Organic Nitrogen</b>		<b>08N-04079</b>	
		Total Nitrogen, %	15.07	12
	<b>Organic Choice Bone Meal 6-9-0</b>		<b>08N-04469</b>	
		Commercial Value	43.2	36
		Overall Index Value	120.	100
		Total Nitrogen, %	7.44	6
		Available Phosphate, %	10.44	9
	<b>QuickStart Planting &amp; Transplant Starting Solution</b>		<b>08N-05664</b>	
		Commercial Value	41.5	40
		Overall Index Value	104.	100
		Total Nitrogen, %	4.34	4
		Available Phosphate, %	12.10	12
		Soluble Potash, %	4.29	4
	<b>Organic Choice Blood Meal</b>		<b>08N-05667</b>	
		Arsenic, ug/g (ppm)	1.3	
		Cadmium, ug/g (ppm)	1.3	
		Cobalt, ug/g (ppm)	1.9	
		Total Nitrogen, %	15.28	12
		Lead, ug/g (ppm)	3.3	
		Mercury, ug/g (ppm)	0.003	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	2.7	
		Selenium, ug/g (ppm)	0.854	
		Zinc, ug/g (ppm)	29.1	
	<b>Liquid All Purpose Plant Food 12-4-8</b>		<b>08N-08003</b>	
		Commercial Value	54.2	52
		Overall Index Value	104.	100
		Total Nitrogen, %	12.57	12
		Available Phosphate, %	4.25	4
		Soluble Potash, %	8.03	8
	<b>Miracle-Gro Quick Start Planting &amp; Transplant Starting</b>		<b>08N-08005</b>	
		Commercial Value	40.1	40
		Overall Index Value	100.	100
		Total Nitrogen, %	4.03	4
		Available Phosphate, %	11.75	12
		Soluble Potash, %	4.49	4
	<b>Miracle-Gro Liquid All Purpose Plant Food 8-7-6</b>		<b>08N-08006</b>	
		Commercial Value	47.6	44
		Overall Index Value	108.	100
		Total Nitrogen, %	8.69	8
		Available Phosphate, %	7.59	7
		Soluble Potash, %	6.39	6
	<b>Miracle-Gro Organic Choice Bone Meal 6-9-0</b>		<b>08N-09310</b>	
		Commercial Value	46.8	36
		Overall Index Value	130.	100
		Total Nitrogen, %	9.50	6
		Available Phosphate, %	9.16	9

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Miracle Gro Water Soluble All Purpose Plant Food</b>		<b>08N-09873</b>	
		Commercial Value	103.	104
		Overall Index Value	98.7	100
		Total Nitrogen, %	23.26	24
		Available Phosphate, %	8.79	8
		Soluble Potash, %	15.85	16
	<b>Miracle-Gro Water Soluble All Purpose Plant Food</b>		<b>08N-21495</b>	
		Commercial Value	108.	104
		Overall Index Value	104.	100
		Total Nitrogen, %	24.62	24
		Available Phosphate, %	8.64	8
		Soluble Potash, %	16.72	16
<b>SD Wheat Growers Wolsey, SD</b>				
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-04620</b>	
		Commercial Value	136.	137
		Overall Index Value	99.4	100
		Total Nitrogen, %	11.09	11
		Available Phosphate, %	51.48	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-05906</b>	
		Commercial Value	140.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.48	11
		Available Phosphate, %	52.67	52
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-05907</b>	
		Total Nitrogen, %	46.72	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06568</b>	
		Total Nitrogen, %	46.24	46
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-06569</b>	
		Total Nitrogen, %	25.49	21
		Sulfur, %	23.21	24
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06571</b>	
		Total Nitrogen, %	46.10	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06572</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.36	11
		Available Phosphate, %	52.43	52
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-06581</b>	
		Commercial Value	140.	137
		Overall Index Value	102.	100
		Total Nitrogen, %	11.75	11
		Available Phosphate, %	52.24	52
<b>SD Wheatgrowers Chamberlain, SD</b>				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-09585</b>	
		Total Nitrogen, %	28.38	28
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-09586</b>	
		Commercial Value	98.5	98
		Overall Index Value	100.	100
		Total Nitrogen, %	10.15	10
		Available Phosphate, %	34.02	34

Manufacturer Location	Product	Analyte	Found	Claim
<b>SD WheatGrowers</b>				
<b>Redfield, SD</b>				
	<b>Custom Dry Bulk Fertilizer 39-0-9</b>		<b>08N-07452</b>	
	Commercial Value		126.	126
	Overall Index Value		100.	100
	Total Nitrogen, %		38.85	39
	Soluble Potash, %		9.75	9
<b>SD WheatGrowers</b>				
<b>Woonsocket, SD</b>				
	<b>Custom Dry Bulk Fertilizer 42-0-0-S4</b>		<b>08N-06567</b>	
	Total Nitrogen, %		42.34	42
	Sulfur, %		4.13	4
<b>SD WheatGrowers</b>				
<b>Yale, SD</b>				
	<b>Custom Dry Bulk Fertilizer 37-8-5</b>		<b>08N-06570</b>	
	Commercial Value		135.	132
	Overall Index Value		102.	100
	Total Nitrogen, %		36.67	37
	Available Phosphate, %		9.60	8
	Soluble Potash, %		6.00	5
<b>SD Wheatgrowers Assn</b>				
<b>Bath, SD</b>				
	<b>Custom Dry Bulk Fertilizer 35-14-0-S1.8</b>		<b>08N-05911</b>	
	Commercial Value		84.2	133
	Overall Index Value		103.	100
	Total Nitrogen, %		34.99	35
	Available Phosphate, %		15.85	14
	Sulfur, %		2.25	1.8
	<b>** Custom Dry Bulk Fertilizer 35-14-0-S1.8</b>		<b>08N-05912</b>	
	Commercial Value		107.	133
	Overall Index Value		97.8	100
	DEFICIENT			
	Total Nitrogen, %		33.00	35
	DEFICIENT			
	Available Phosphate, %		15.63	14
	Sulfur, %		3.89	1.8
	<b>Custom Dry Bulk Fertilizer 34-18-0</b>		<b>08N-05913</b>	
	Commercial Value		91.1	138
	Overall Index Value		103.	100
	Total Nitrogen, %		34.09	34
	Available Phosphate, %		19.86	18
	<b>** Custom Dry Bulk Fertilizer 36-16-0</b>		<b>08N-05914</b>	
	Commercial Value		113.	140
	Overall Index Value		99.0	100
	Total Nitrogen, %		34.73	36
	DEFICIENT			
	Available Phosphate, %		17.90	16
	<b>Custom Dry Bulk Fertilizer 35-8-0-S5.1-Zn0.82</b>		<b>08N-05915</b>	
	Commercial Value		126.	121
	Overall Index Value		104.	100
	Total Nitrogen, %		36.40	35
	Available Phosphate, %		8.15	8
	Sulfur, %		4.83	5.1
	<b>Custom Dry Bulk Fertilizer 29-26-0</b>		<b>08N-05916</b>	
	Commercial Value		146.	139
	Overall Index Value		105.	100
	Total Nitrogen, %		28.77	29
	Available Phosphate, %		29.21	26

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Custom Dry Bulk Fertilizer 36-14-0</b>		<b>08N-05917</b>	
		Commercial Value	142.	136
		Overall Index Value	104.	100
		Total Nitrogen, %	35.87	36
		Available Phosphate, %	16.77	14
	<b>Custom Dry Bulk Fertilizer 35-8-0-S5.1</b>		<b>08N-05918</b>	
		Commercial Value	124.	121
		Overall Index Value	102.	100
		Total Nitrogen, %	35.84	35
		Available Phosphate, %	8.07	8
		Sulfur, %	5.04	5.1
	<b>Custom Dry Bulk Fertilizer 36-16-0</b>		<b>08N-05919</b>	
		Commercial Value	140.	124
		Overall Index Value	99.9	100
		Total Nitrogen, %	35.96	36
		Available Phosphate, %	16.00	16
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-09033</b>	
		Commercial Value	102.	98
		Overall Index Value	104.	100
		Total Nitrogen, %	10.80	10
		Available Phosphate, %	34.93	34
<b>SD Wheatgrowers Assn</b>				
<b>Huron, SD</b>				
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-06573</b>	
		Commercial Value	98.9	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.09	10
		Available Phosphate, %	34.32	34
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-06574</b>	
		Total Nitrogen, %	28.77	28
	<b>Custom Dry Bulk Fertilizer 39-10-0</b>		<b>08N-06575</b>	
		Commercial Value	146.	137
		Overall Index Value	107.	100
		Total Nitrogen, %	39.99	39
		Available Phosphate, %	13.13	10
	<b>Custom Dry Bulk Fertilizer 38-10-0</b>		<b>08N-06576</b>	
		Commercial Value	142.	134
		Overall Index Value	106.	100
		Total Nitrogen, %	39.66	38
		Available Phosphate, %	12.03	10
	<b>Custom Dry Bulk Fertilizer 41-7-0</b>		<b>08N-06577</b>	
		Commercial Value	140.	137
		Overall Index Value	103.	100
		Total Nitrogen, %	41.44	41
		Available Phosphate, %	8.07	7
	<b>Custom Dry Bulk Fertilizer 36-14-0</b>		<b>08N-06578</b>	
		Commercial Value	137.	136
		Overall Index Value	101.	100
		Total Nitrogen, %	36.57	36
		Available Phosphate, %	13.88	14
	<b>Custom Dry Bulk Fertilizer 41-7-0</b>		<b>08N-06579</b>	
		Commercial Value	142.	137
		Overall Index Value	103.	100
		Total Nitrogen, %	41.49	41
		Available Phosphate, %	8.58	7
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06582</b>	
		Total Nitrogen, %	46.60	46

Manufacturer Location	Product	Analyte	Found	Claim
	*** Custom Dry Bulk Fertilizer 23-26-8		<b>08N-16255</b>	
		Commercial Value	130.	129
		Overall Index Value	101.	100
		Total Nitrogen, %	21.47	23
		DEFICIENT		
		Available Phosphate, %	28.92	26
		Soluble Potash, %	8.35	8
<b>SD Wheatgrowers Assn</b>				
<b>Tulare, SD</b>				
	*** Custom Dry Bulk Fertilizer 37-13-0		<b>08N-05905</b>	
		Commercial Value	139.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	40.52	37
		Available Phosphate, %	8.84	13
		DEFICIENT		
<b>SE Farmers Elevator</b>				
<b>Elk Point, SD</b>				
	*** Dry Bulk Fertilizer 11-52-0		<b>08N-09122</b>	
		Commercial Value	118.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	12.94	11
		Available Phosphate, %	49.12	52
		DEFICIENT		
	Dry Bulk Fertilizer 18-46-0		<b>08N-09123</b>	
		Commercial Value	149.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.92	18
	Dry Bulk Fertilizer 46-0-0		<b>08N-09124</b>	
		Total Nitrogen, %	46.75	46
<b>Simplot Soil Builders</b>				
<b>Beresford, SD</b>				
Dry Bulk Fertilizer 46-0-0		<b>08N-09070</b>		
	Total Nitrogen, %	46.80	46	
Dry Bulk Fertilizer 21-0-0-S24		<b>08N-09071</b>		
	Total Nitrogen, %	21.43	21	
	Sulfur, %	24.59	24	
Dry Urea with Nutrisphere-N		<b>08N-09072</b>		
	Total Nitrogen, %	45.39	46	
Liquid Bulk Fertilizer 28-0-0		<b>08N-09073</b>		
	Total Nitrogen, %	29.21	28	
Dry Bulk Fertilizer 0-0-60		<b>08N-09074</b>		
	Soluble Potash, %	61.27	60	
Dry Bulk Fertilizer 18-46-0		<b>08N-09075</b>		
	Commercial Value	150.	146	
	Overall Index Value	103.	100	
	Total Nitrogen, %	18.84	18	
	Available Phosphate, %	46.78	46	



Manufacturer Location	Product	Analyte	Found	Claim
<b>Simplot Soilbuilders</b>				
<b>Winner, SD</b>				
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-08794</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	2.1	
		Total Nitrogen, %	21.00	21
		Sulfur, %	24.31	24
		Lead, ug/g (ppm)	2.8	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	1.1	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	7.90	
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-08795</b>	
		Total Nitrogen, %	46.79	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-08796</b>	
		Commercial Value	135.	137
		Overall Index Value	98.8	100
		Total Nitrogen, %	10.93	11
		Available Phosphate, %	51.27	52
<b>Southeast Farmers Elevator</b>				
<b>Elk Point, SD</b>				
	<b>** Dry Bulk Fertilizer 11-52-0</b>		<b>08N-17412</b>	
		Commercial Value	134.	127
		Overall Index Value	97.6	100
		DEFICIENT		
		Total Nitrogen, %	11.30	11
		Available Phosphate, %	49.51	52
		DEFICIENT		
<b>Spectrum Group-Div of United Industries</b>				
<b>St. Louis, MO</b>				
	<b>Colorburst All Purpose Plant Food Packs 24-8-16</b>		<b>08N-04734</b>	
		Commercial Value	111.	104
		Overall Index Value	107.	100
		Total Nitrogen, %	25.23	24
		Available Phosphate, %	9.08	8
		Soluble Potash, %	17.53	16
	<b>Peter's Professional All Purpose Plant Food Water</b>		<b>08N-05501</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	<0.2	
		Commercial Value	64.2	104
		Overall Index Value	106.	100
		Total Nitrogen, %	24.68	24
		Available Phosphate, %	9.24	8
		Soluble Potash, %	16.98	16
		Lead, ug/g (ppm)	2.3	
		Mercury, ug/g (ppm)	0.001	
		Molybdenum, ug/g (ppm)	4.4	
		Nickel, ug/g (ppm)	2.5	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	464.	
	<b>Peter's Professional All Purpose Plant Food Water</b>		<b>08N-05920</b>	
		Commercial Value	124.	104
		Overall Index Value	119.	100
		Total Nitrogen, %	29.22	24
		Available Phosphate, %	8.86	8
		Soluble Potash, %	18.25	16

Manufacturer Location	Product	Analyte	Found	Claim
<b>Swiss Farm Products, Inc.</b>				
<b>Las Vegas, NV</b>				
	<b>KGRO All-Purpose Plant Food 15-30-15</b>		<b>08N-05026</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	2.1	
		Commercial Value	90.9	120
		Overall Index Value	102.	100
		Total Nitrogen, %	15.73	15
		Available Phosphate, %	29.86	30
		Soluble Potash, %	14.87	15
		Lead, ug/g (ppm)	2.8	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	8.8	
		Nickel, ug/g (ppm)	2.4	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	703.	
<b>Terra Nitrogen Corp</b>				
<b>Sioux City, IA</b>				
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-09035</b>	
		Total Nitrogen, %	28.93	28
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-09036</b>	
		Total Nitrogen, %	28.89	28
	<b>Liquid Bulk Fertilizer 32-0-0</b>		<b>08N-15931</b>	
		Total Nitrogen, %	32.44	32
<b>Tessenderlo Kerley, Inc.</b>				
<b>Morral, OH</b>				
	<b>204 N-Sure Liquid Fertilizer 28-0-0</b>		<b>08N-05024</b>	
		Total Nitrogen, %	28.58	28
<b>Tetra Micronutrients</b>				
<b>Spring, TX</b>				
	<b>Dry Bulk Fertilizer 0-0-0-Zn31</b>		<b>08N-04452</b>	
		Zinc, %	30.60	31
	<b>Zink-Gro Maxi-Granular Fertilizer</b>		<b>08N-05877</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	5.3	
		Cobalt, ug/g (ppm)	2.0	
		Sulfur, %	16.98	17.5
		Zinc, %	35.96	35.5
		Lead, ug/g (ppm)	3.5	
		Mercury, ug/g (ppm)	0.001	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	75.0	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	360000.	
<b>The Scotts Company</b>				
<b>Marysville, OH</b>				
	<b>Scotts All Purpose Flower &amp; Vegetable Continuous</b>		<b>08N-04098</b>	
		Commercial Value	69.7	60
		Overall Index Value	116.	100
		Total Nitrogen, %	11.65	10
		Available Phosphate, %	11.27	10
		Soluble Potash, %	12.20	10
		Sulfur, %	2.77	2

Manufacturer Location	Product	Analyte	Found	Claim
	<b>29-3-4 Lawn Food Expert</b>		<b>08N-04477</b>	
		Commercial Value	101.	97
		Overall Index Value	104.	100
		Total Nitrogen, %	30.19	29
		Available Phosphate, %	3.30	3
		Soluble Potash, %	4.16	4
		Sulfur, %	3.03	2.8
	<b>Scotts Turf Builder 30-0-4-S9</b>		<b>08N-04479</b>	
		Commercial Value	96.6	94
		Overall Index Value	103.	100
		Total Nitrogen, %	30.69	30
		Soluble Potash, %	4.48	4
		Sulfur, %	10.82	9
	<b>Expert Gardener Crabgrass Preventer &amp; Lawn Food</b>		<b>08N-04730</b>	
		Commercial Value	103.	100
		Overall Index Value	103.	100
		Total Nitrogen, %	30.41	30
		Available Phosphate, %	3.26	3
		Soluble Potash, %	4.89	4
		Sulfur, %	3.11	2.6
	<b>Scotts Turf Builder Lawn Fertilizer with 2% Iron</b>		<b>08N-04731</b>	
		Commercial Value	103.	95
		Iron, %	2.34	2
		Overall Index Value	108.	100
		Total Nitrogen, %	30.80	29
		Available Phosphate, %	2.33	2
		Soluble Potash, %	5.65	4
		Sulfur, %	8.46	8
	<b>Lawn Pro Scotts Weed and Feed 26-0-3</b>		<b>08N-04749</b>	
		Commercial Value	88.1	81
		Overall Index Value	109.	100
		Total Nitrogen, %	27.28	26
		Soluble Potash, %	6.24	3
	<b>Scotts Turf Builder Lawn Fertilizer w/ 2% Iron</b>		<b>08N-07562</b>	
		Commercial Value	97.5	95
		Iron, %	2.22	2
		Overall Index Value	103.	100
		Total Nitrogen, %	29.72	29
		Available Phosphate, %	2.08	2
		Soluble Potash, %	4.22	4
	<b>Turf Builder Lawn Fertilizer with 2% Iron</b>		<b>08N-10063</b>	
		Arsenic, ug/g (ppm)	1.7	
		Cadmium, ug/g (ppm)	1.1	
		Cobalt, ug/g (ppm)	1.5	
		Commercial Value	97.0	95
		Iron, %	2.21	2
		Overall Index Value	102.	100
		Total Nitrogen, %	29.51	29
		Available Phosphate, %	2.10	2
		Soluble Potash, %	4.22	4
		Sulfur, %	9.75	8
		Lead, ug/g (ppm)	2.8	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	7.5	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	15.4	

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Turf Builder with Plus 2 Weed Control 28-2-3</b>		<b>08N-10064</b>	
		Commercial Value	95.5	91
		Overall Index Value	105.	100
		Total Nitrogen, %	29.31	28
		Available Phosphate, %	2.30	2
		Soluble Potash, %	2.99	3
		Sulfur, %	11.70	11
	<b>Scotts Super Turf Builder with Plus 2. Weed Control</b>		<b>08N-10208</b>	
		Commercial Value	98.7	94
		Overall Index Value	105.	100
		Total Nitrogen, %	29.96	29
		Available Phosphate, %	2.78	2
		Soluble Potash, %	3.34	3
		Sulfur, %	10.57	10
	<b>Weed and Feed Dry Fertilizer 26-0-3-S10</b>		<b>08N-10222</b>	
		Commercial Value	85.9	81
		Overall Index Value	106.	100
		Total Nitrogen, %	27.51	26
		Soluble Potash, %	3.33	3
		Sulfur, %	10.39	10
	<b>Super Turf Builder 36-3-4 with Halts Crabgrass</b>		<b>08N-10226</b>	
		Commercial Value	122.	118
		Overall Index Value	104.	100
		Total Nitrogen, %	36.51	36
		Available Phosphate, %	3.89	3
		Soluble Potash, %	4.97	4
		Sulfur, %	2.09	1
<b>Tiger-Sul Products</b>				
<b>Calgary, Alberta, CA</b>				
	<b>Dry Bulk Fertilizer 90% Sulfur</b>		<b>08N-05875</b>	
		Sulfur, %	90.09	90
<b>TruGreen Chemlawn</b>				
<b>Sioux Falls, SD</b>				
	<b>Liquid Fertilizer Tank Mix 4.34-0.51-0.77</b>		<b>08N-07652</b>	
		Total Nitrogen, %	4.88	4.34
<b>United Industries Corp.</b>				
<b>St. Louis, MO</b>				
	<b>** All American All Purpose Lawn &amp; Garden Fertilizer</b>		<b>08N-07558</b>	
		Commercial Value	94.4	96
		Overall Index Value	98.4	100
		Total Nitrogen, %	16.85	16
		Available Phosphate, %	15.33	16
		Soluble Potash, %	13.36	16
		DEFICIENT		
<b>United Suppliers Hayland Terminal</b>				
<b>Juanita, NE</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06782</b>	
		Total Nitrogen, %	46.58	46
<b>United Suppliers Inc.</b>				
<b>Eldora, IA</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07377</b>	
		Total Nitrogen, %	46.66	46
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07379</b>	
		Total Nitrogen, %	46.47	46

Manufacturer Location	Product	Analyte	Found	Claim
<b>Valley Springs Farmers Coop</b>				
<b>Valley Springs, SD</b>				
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-09278</b>	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.88	18
		Available Phosphate, %	46.72	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-09279</b>	
		Soluble Potash, %	60.23	60
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-09281</b>	
		Total Nitrogen, %	46.70	46
<b>Valudor Products, Inc.</b>				
<b>Winfield, MN</b>				
	<b>Zinc Sulphate Monohydrate</b>		<b>08N-06580</b>	
		Zinc, %	34.32	35
<b>Verdicon, Inc.</b>				
<b>Greeley, CO</b>				
	<b>Lawn &amp; Garden Fertilizer 12-28-12 All Mineral</b>		<b>08N-09292</b>	
		Arsenic, ug/g (ppm)	1.7	
		Cadmium, ug/g (ppm)	1.6	
		Cobalt, ug/g (ppm)	2.5	
		Chlorine, %	9.63	9.3
		Commercial Value	104.	104
		Overall Index Value	99.7	100
		Total Nitrogen, %	12.16	12
		Available Phosphate, %	27.44	28
		Soluble Potash, %	12.29	12
		Lead, ug/g (ppm)	3.7	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	5.2	
		Nickel, ug/g (ppm)	13.7	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	355.	
<b>Viborg Coop Elevator</b>				
<b>Viborg, SD</b>				
	<b>Dry Bulk Fertilizer 21-0-0-S24</b>		<b>08N-09468</b>	
		Total Nitrogen, %	21.57	21
		Sulfur, %	23.70	24
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-09469</b>	
		Soluble Potash, %	61.06	60
	<b>Liquid Bulk Fertilizer 10-34-0</b>		<b>08N-09479</b>	
		Commercial Value	99.4	98
		Overall Index Value	101.	100
		Total Nitrogen, %	10.36	10
		Available Phosphate, %	34.15	34
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-09483</b>	
		Commercial Value	149.	18
		Overall Index Value	102.	100
		Total Nitrogen, %	18.45	18
		Available Phosphate, %	46.62	46

Manufacturer Location	Product	Analyte	Found	Claim
<b>Volga Ag Center</b>				
<b>Bruce, SD</b>				
	<b>Custom Dry Bulk Fertilizer 34-11-5</b>		<b>08N-07658</b>	
	Commercial Value		133.	129
	Overall Index Value		103.	100
	Total Nitrogen, %		33.70	34
	Available Phosphate, %		11.64	11
	Soluble Potash, %		8.45	5
	<b>Custom Dry Bulk Fertilizer 31-10-10</b>		<b>08N-07659</b>	
	Commercial Value		124.	123
	Overall Index Value		101.	100
	Total Nitrogen, %		31.46	31
	Available Phosphate, %		9.41	10
	Soluble Potash, %		11.09	10
	<b>*** Custom Dry Bulk Fertilizer 25-12-11-0-Zn2</b>		<b>08N-07664</b>	
	Commercial Value		118.	110
	Overall Index Value		107.	100
	Total Nitrogen, %		26.67	25
	Available Phosphate, %		12.74	12
	Soluble Potash, %		12.72	11
	Zinc, %		1.09	2
	DEFICIENT			
<b>Volga Ag Service</b>				
<b>Volga, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07999</b>	
	Total Nitrogen, %		46.66	46
	<b>*** Custom Dry Bulk Fertilizer 15-27-15 w/ Oat Seed</b>		<b>08N-08000</b>	
	Commercial Value		70.0	114
	Overall Index Value		61.4	100
	DEFICIENT			
	Total Nitrogen, %		10.78	15
	DEFICIENT			
	Available Phosphate, %		13.56	27
	DEFICIENT			
	Soluble Potash, %		10.52	15
	DEFICIENT			
<b>Voluntary Purchasing Group</b>				
<b>Bonham, TX</b>				
	<b>Root Stimulator &amp; Plant Starter Solution 4-10-3</b>		<b>08N-09472</b>	
	Commercial Value		37.8	35
	Overall Index Value		108.	100
	Total Nitrogen, %		4.54	4
	Available Phosphate, %		10.42	10
	Soluble Potash, %		3.29	3
	<b>Root Stimulator and Plant Starter Solution</b>		<b>08N-09473</b>	
	Commercial Value		37.6	35
	Overall Index Value		107.	100
	Total Nitrogen, %		4.44	4
	Available Phosphate, %		10.43	10
	Soluble Potash, %		3.42	3
	<b>Stimulator and Plant Starter Solution 4-10-3</b>		<b>08N-09474</b>	
	Commercial Value		37.6	35
	Overall Index Value		107.	100
	Total Nitrogen, %		4.56	4
	Available Phosphate, %		10.23	10
	Soluble Potash, %		3.41	3

Manufacturer Location	Product	Analyte	Found	Claim
<b>Wallace Farmers Elevator</b>				
<b>Wallace, SD</b>				
	<b>Custom Dry Bulk Fertilizer 35-17-0</b>		<b>08N-06486</b>	
	Commercial Value		142.	139
	Overall Index Value		102.	100
	Total Nitrogen, %		35.34	35
	Available Phosphate, %		17.91	17
	<b>Custom Dry Bulk Fertilizer 37.9-5.2-6</b>		<b>08N-06487</b>	
	Commercial Value		133.	130.1
	Overall Index Value		102.	100
	Total Nitrogen, %		38.37	37.9
	Available Phosphate, %		5.65	5.2
	Soluble Potash, %		6.69	6
<b>Watertown Coop Elevator</b>				
<b>Watertown, SD</b>				
	<b>Dry Custom Fertilizer 29-15-9</b>		<b>08N-05782</b>	
	Commercial Value		127.	126
	Overall Index Value		101.	100
	Total Nitrogen, %		28.62	29
	Available Phosphate, %		15.59	15
	Soluble Potash, %		9.68	9
	<b>Dry Custom Fertilizer 30.1-13-9.3</b>		<b>08N-05783</b>	
	Commercial Value		127.	125.6
	Overall Index Value		101.	100
	Total Nitrogen, %		30.50	30.1
	Available Phosphate, %		13.40	13
	Soluble Potash, %		8.86	9.3
	<b>Dry Custom Fertilizer 28.1-10.5-14</b>		<b>08N-05784</b>	
	Commercial Value		122.	119.3
	Overall Index Value		102.	100
	Total Nitrogen, %		28.78	28.1
	Available Phosphate, %		10.76	10.5
	Soluble Potash, %		13.95	14
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07450</b>	
	Total Nitrogen, %		46.34	46
	<b>Dry Bulk Fertilizer 11-52-0</b>		<b>08N-07451</b>	
	Commercial Value		139.	137
	Overall Index Value		101.	100
	Total Nitrogen, %		11.54	11
	Available Phosphate, %		52.02	52
<b>Western Consolidated Coop</b>				
<b>Twin Brooks, SD</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-07671</b>	
	Total Nitrogen, %		46.61	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-07672</b>	
	Commercial Value		149.	146
	Overall Index Value		102.	100
	Total Nitrogen, %		18.99	18
	Available Phosphate, %		46.11	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-07673</b>	
	Soluble Potash, %		60.22	60
	<b>Liquid Bulk Fertilizer 28-0-0</b>		<b>08N-07734</b>	
	Total Nitrogen, %		28.68	28

Manufacturer Location	Product	Analyte	Found	Claim
<b>Winfield Solutions, LLC</b>				
<b>Alexandrea, SD</b>				
	<b>Dry Bulk Fertilizer Sulfur 90%</b>		<b>08N-09470</b>	
		Sulfur, %	91.39	90
	<b>** Dry Bulk Fertilizer Zinc Sulfate 35.5%</b>		<b>08N-09482</b>	
		Zinc, %	33.43	35.5
		DEFICIENT		
<b>Winfield Solutions, LLC</b>				
<b>Shoreview, MN</b>				
	<b>Granular Borate Fertilizer</b>		<b>08N-07350</b>	
		Arsenic, ug/g (ppm)	2.3	
		Cadmium, ug/g (ppm)	<0.5	
		Cobalt, ug/g (ppm)	1.8	
		Boron, %	14.46	14.3
		Lead, ug/g (ppm)	<1.0	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	1.6	
		Selenium, ug/g (ppm)	<0.150	
		Zinc, ug/g (ppm)	87.7	
<b>Winona River &amp; Rail</b>				
<b>Winona, MN</b>				
	<b>Dry Bulk Fertilizer 46-0-0</b>		<b>08N-06749</b>	
		Total Nitrogen, %	46.71	46
	<b>Dry Bulk Fertilizer 18-46-0</b>		<b>08N-06750</b>	
		Commercial Value	150.	146
		Overall Index Value	102.	100
		Total Nitrogen, %	18.59	18
		Available Phosphate, %	46.46	46
	<b>Dry Bulk Fertilizer 0-0-60</b>		<b>08N-06751</b>	
		Soluble Potash, %	59.56	60
<b>Yankton Ag Services, Inc.</b>				
<b>Yankton, SD</b>				
	<b>** Custom Dry Bulk Fertilizer 17.07-31.79-5.3-S5.297</b>		<b>08N-15603</b>	
		Commercial Value	118.	120.09
		Overall Index Value	98.2	100
		Total Nitrogen, %	17.95	17.07
		Available Phosphate, %	28.45	31.79
		DEFICIENT		
		Soluble Potash, %	5.74	5.3
		Sulfur, %	8.20	5.297
<b>Zinc Nacional, S.A.</b>				
<b>Monterrey, N.L., Mexico,</b>				
	<b>Maximo Zinc Sulfate Monohydrate 35.5%</b>		<b>08N-06455</b>	
		Arsenic, ug/g (ppm)	<1.0	
		Cadmium, ug/g (ppm)	30.3	
		Cobalt, ug/g (ppm)	1.3	
		Zinc, %	35.60	35.5
		Lead, ug/g (ppm)	1.8	
		Mercury, ug/g (ppm)	<0.001	
		Molybdenum, ug/g (ppm)	<1.0	
		Nickel, ug/g (ppm)	4.1	
		Selenium, ug/g (ppm)	0.330	
		Zinc, ug/g (ppm)	356000.	



SECTION C:

REGULATORY

ANALYTE

TOTALS

## Regulatory Analyte Totals

Fertilizers Samples	Units	Received From 1/1/2008 To 12/31/2008
<b>Arsenic</b>	ug/g (ppm)	20
<b>Cadmium</b>	ug/g (ppm)	20
<b>Cobalt</b>	ug/g (ppm)	20
<b>Boron</b>	%	1
<b>Calcium</b>	%	3
<b>Chlorine</b>	%	3
<b>Commercial Value</b>		209
<b>Iron</b>	%	10
<b>Overall Index Value</b>		209
<b>Magnesium</b>	%	3
<b>Total Nitrogen</b>	%	353
<b>Available Phosphate</b>	%	206
<b>Soluble Potash</b>	%	115
<b>Sulfur</b>	%	67
<b>Zinc</b>	%	12
<b>Lead</b>	ug/g (ppm)	20
<b>Mercury</b>	ug/g (ppm)	20
<b>Molybdenum</b>	ug/g (ppm)	20
<b>Nickel</b>	ug/g (ppm)	20
<b>Selenium</b>	ug/g (ppm)	20
<b>Zinc</b>	ug/g (ppm)	20

SECTION D:

FERTILIZER

TONNAGE

SUMMARY

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	0-0-0	97.73	97.73	0.00	0.00	72.00	25.73
0	0-0-1	0.41	0.00	0.00	0.41	0.00	0.41
0	0-0-2	0.15	0.00	0.00	0.15	0.15	0.00
0	0-0-6	23.00	0.00	23.00	0.00	23.00	0.00
0	0-0-7	0.80	0.80	0.00	0.00	0.00	0.80
0	0-0-8	0.10	0.00	0.00	0.10	0.00	0.10
0	0-0-16	0.09	0.09	0.00	0.00	0.00	0.09
0	0-0-25	374.54	0.00	47.00	327.54	374.47	0.08
0	0-0-32	235.00	0.00	0.00	235.00	235.00	0.00
0	0-0-45	2.10	2.10	0.00	0.00	0.00	2.10
0	0-0-50	0.69	0.00	0.69	0.00	0.69	0.00
0	0-0-52	12.50	12.50	0.00	0.00	11.00	1.50
0	0-0-61	1,147.74	0.57	1,147.17	0.00	1,147.74	0.00
0	0-0-62.3	194.00	0.00	194.00	0.00	194.00	0.00
0	0-0-62.4	0.15	0.15	0.00	0.00	0.15	0.00
0	0-3-0	3.00	3.00	0.00	0.00	0.00	3.00
0	0-8-5	4,487.33	0.00	4,487.33	0.00	4,487.33	0.00
0	0-10-10	0.19	0.00	0.00	0.19	0.00	0.19
0	0-12-6	6,387.55	0.00	6,387.55	0.00	6,387.55	0.00
0	0-50-32	16.74	16.74	0.00	0.00	16.74	0.00
0	0-51.5-34	6.00	6.00	0.00	0.00	6.00	0.00
0	0-52-34	21.00	21.00	0.00	0.00	21.00	0.00
0	0-60-20	69.00	69.00	0.00	0.00	0.00	69.00
0	0.0006-	107.00	0.00	0.00	107.00	107.00	0.00
0	0.003-	0.01	0.00	0.00	0.01	0.00	0.01
0	0.02-0.02-	0.13	0.00	0.00	0.13	0.00	0.13
0	0.04-0.01-	1.67	1.67	0.00	0.00	0.00	1.67
0	0.04-0.06-	6.91	6.91	0.00	0.00	0.00	6.91
0	0.05-0.01-	19.47	19.47	0.00	0.00	0.00	19.47
0	0.05-0.02-	1.54	1.54	0.00	0.00	0.00	1.54

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
 From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	0.05-0.03-	7.40	7.40	0.00	0.00	0.00	7.40
0	0.05-0.04-	57.59	57.59	0.00	0.00	0.00	57.59
0	0.05-0.1-	17.57	17.57	0.00	0.00	0.00	17.57
0	0.06-0.08-	25.88	25.88	0.00	0.00	0.00	25.88
0	0.07-0.01-	1.26	1.26	0.00	0.00	0.00	1.26
0	0.07-0.05-	2.72	2.72	0.00	0.00	0.00	2.72
0	0.08-0-0	0.01	0.00	0.00	0.01	0.00	0.01
0	0.08-0.03-	26.50	26.50	0.00	0.00	0.00	26.50
0	0.08-0.05-	3.00	3.00	0.00	0.00	0.00	3.00
0	0.08-0.12-	7.02	7.02	0.00	0.00	0.00	7.02
0	0.09-0.06-	19.54	19.54	0.00	0.00	0.00	19.54
0	0.1-0.05-	0.49	0.49	0.00	0.00	0.00	0.49
0	0.1-0.1-0.1	6.00	6.00	0.00	0.00	0.00	6.00
0	0.1-1-0.75	0.01	0.01	0.00	0.00	0.00	0.01
0	0.1-5-0.1	39.54	39.54	0.00	0.00	0.00	39.54
0	0.12-0.09-	42.44	42.44	0.00	0.00	0.00	42.44
0	0.13-0.04-	12.63	12.63	0.00	0.00	0.00	12.63
0	0.14-0.14-	4.10	4.10	0.00	0.00	0.00	4.10
0	0.15-0.05-	347.86	347.86	0.00	0.00	0.00	347.86
0	0.15-0.12-	0.24	0.24	0.00	0.00	0.00	0.24
0	0.18-0.01-	5.69	5.69	0.00	0.00	0.00	5.69
0	0.18-0.06-	40.24	40.24	0.00	0.00	0.00	40.24
0	0.18-0.1-	158.71	158.71	0.00	0.00	0.00	158.71
0	0.2-0.2-2	203.90	0.00	203.90	0.00	0.00	203.90
0	0.21-0.07-	609.89	609.89	0.00	0.00	0.00	609.89
0	0.3-0.25-	1.00	0.00	0.00	1.00	0.00	1.00
0	0.5-0.5-0.5	1.00	1.00	0.00	0.00	0.00	1.00
0	1-0-0	0.08	0.08	0.00	0.00	0.00	0.08
0	1-0-1	2.70	2.70	0.00	0.00	0.00	2.70
0	1-1-1	1.00	0.00	0.00	1.00	0.00	1.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	1-1-6	25.00	0.00	25.00	0.00	25.00	0.00
0	1-1.5-1.3	1.97	1.97	0.00	0.00	0.00	1.97
0	1-11-0	0.04	0.04	0.00	0.00	0.00	0.04
0	2-0-3	1.80	0.00	0.00	1.80	1.80	0.00
0	2-1-1	292.04	0.03	0.00	292.01	292.00	0.04
0	2-1-2	0.05	0.05	0.00	0.00	0.00	0.05
0	2-1-6	248.00	0.00	0.00	248.00	248.00	0.00
0	2-3-0.6	0.08	0.08	0.00	0.00	0.00	0.08
0	2-3-1	0.12	0.11	0.00	0.01	0.00	0.12
0	2-4-1	19.00	0.00	0.00	19.00	0.00	19.00
0	2-4-2	0.04	0.04	0.00	0.00	0.00	0.04
0	2-7-7	0.03	0.00	0.00	0.03	0.00	0.03
0	2-10-0	0.10	0.10	0.00	0.00	0.10	0.00
0	2-16-14	101.00	0.00	0.00	101.00	101.00	0.00
0	2.1-5-0.25	27.56	27.56	0.00	0.00	27.56	0.00
0	3-0-6	59.00	0.00	0.00	59.00	59.00	0.00
0	3-1-1	0.03	0.03	0.00	0.00	0.00	0.03
0	3-1-2	3.00	0.00	0.00	3.00	3.00	0.00
0	3-3-1	0.05	0.05	0.00	0.00	0.00	0.05
0	3-4-1	36.24	36.24	0.00	0.00	0.00	36.24
0	3-4-3	0.17	0.17	0.00	0.00	0.00	0.17
0	3-5-3	0.11	0.11	0.00	0.00	0.00	0.11
0	3-14-14	110.70	0.00	0.00	110.70	110.70	0.00
0	3-17-17	106.00	106.00	0.00	0.00	106.00	0.00
0	3-18-18	414.74	0.00	0.00	414.74	414.74	0.00
0	4-0-0	0.65	0.00	0.00	0.65	0.65	0.00
0	4-0-18	1.00	0.00	0.00	1.00	0.00	1.00
0	4-2-2	3.00	0.00	0.00	3.00	3.00	0.00
0	4-3-1	0.09	0.09	0.00	0.00	0.00	0.09
0	4-3-2	2,423.00	0.00	2,423.00	0.00	2,423.00	0.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	4-3-3	1.56	0.00	0.00	1.56	0.00	1.56
0	4-3-4	0.01	0.01	0.00	0.00	0.00	0.01
0	4-4-2	0.06	0.06	0.00	0.00	0.00	0.06
0	4-6-4	1.06	1.06	0.00	0.00	0.00	1.06
0	4-8-4	116.00	0.00	0.00	116.00	116.00	0.00
0	4-10-10	487.49	0.64	0.00	486.85	486.85	0.64
0	4-12-4	1.91	0.00	0.00	1.91	0.00	1.91
0	5-0-20	8.88	0.00	0.00	8.88	8.88	0.00
0	5-1-1	0.87	0.00	0.00	0.87	0.00	0.87
0	5-2-0	147.02	147.02	0.00	0.00	0.00	147.02
0	5-2-4	1.00	1.00	0.00	0.00	0.00	1.00
0	5-3-3	0.03	0.03	0.00	0.00	0.00	0.03
0	5-3-5	0.04	0.04	0.00	0.00	0.00	0.04
0	5-4-2	31.00	0.00	0.00	31.00	31.00	0.00
0	5-4-4	75.00	0.00	0.00	75.00	75.00	0.00
0	5-6-6	0.25	0.25	0.00	0.00	0.00	0.25
0	5-10-5	1.08	0.06	0.00	1.02	0.00	1.08
0	5-22-27	8.00	0.00	8.00	0.00	8.00	0.00
0	5-25-30	4.25	0.00	4.25	0.00	4.25	0.00
0	6-0-0	0.14	0.14	0.00	0.00	0.00	0.14
0	6-0-1	0.38	0.38	0.00	0.00	0.00	0.38
0	6-0-12	1.00	1.00	0.00	0.00	0.00	1.00
0	6-2-0	68.75	68.75	0.00	0.00	3.00	65.75
0	6-2-2	0.09	0.09	0.00	0.00	0.00	0.09
0	6-3-3	0.05	0.05	0.00	0.00	0.00	0.05
0	6-3-4	0.01	0.01	0.00	0.00	0.00	0.01
0	6-4-3	24.50	0.00	0.00	24.50	24.50	0.00
0	6-5-1	0.02	0.02	0.00	0.00	0.00	0.02
0	6-9-0	0.65	0.65	0.00	0.00	0.00	0.65
0	6-12-0	0.23	0.23	0.00	0.00	0.00	0.23

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
 From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	6-12-3	10.60	0.00	0.00	10.60	10.60	0.00
0	6-12-6	0.07	0.07	0.00	0.00	0.00	0.07
0	6-12-12	0.05	0.05	0.00	0.00	0.05	0.00
0	6-14-4	35.80	0.00	0.00	35.80	35.80	0.00
0	6-24-6	3,976.49	0.00	0.00	3,976.49	3,976.49	0.00
0	7-0-0	426.43	0.00	0.00	426.43	426.43	0.00
0	7-1-2	0.22	0.22	0.00	0.00	0.00	0.22
0	7-1-3	1.30	1.30	0.00	0.00	0.00	1.30
0	7-2-2	0.41	0.41	0.00	0.00	0.00	0.41
0	7-7-7	0.09	0.00	0.00	0.09	0.00	0.09
0	7-17-2	21.81	0.00	0.00	21.81	21.81	0.00
0	7-17-3	437.88	0.00	0.00	437.88	437.88	0.00
0	7-21-7	1,235.77	0.00	0.00	1,235.77	1,235.77	0.00
0	7-23-5	11.61	0.00	11.61	0.00	11.61	0.00
0	7-25-5	638.52	0.00	0.00	638.52	638.52	0.00
0	7-29-5	150.00	0.00	0.00	150.00	150.00	0.00
0	7-38-0	0.01	0.01	0.00	0.00	0.01	0.00
0	8-0-0	26.03	0.36	0.00	25.67	25.67	0.36
0	8-2-2	0.29	0.29	0.00	0.00	0.00	0.29
0	8-2-4	3.00	3.00	0.00	0.00	0.00	3.00
0	8-4-4	0.99	0.00	0.00	0.99	0.00	0.99
0	8-7-6	0.82	0.00	0.00	0.82	0.00	0.82
0	8-10-2	20.00	0.00	0.00	20.00	0.00	20.00
0	8-12-4	0.08	0.08	0.00	0.00	0.00	0.08
0	8-12-10	0.30	0.30	0.00	0.00	0.00	0.30
0	8-14-9	0.02	0.00	0.00	0.02	0.00	0.02
0	8-16-11	72.10	0.00	0.00	72.10	72.10	0.00
0	8-16-16	2.00	2.00	0.00	0.00	0.00	2.00
0	8-18-5	17.86	0.00	0.00	17.86	17.86	0.00
0	8-19-3	65.76	0.00	0.00	65.76	65.76	0.00



DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	8-20-2	3,335.49	0.00	0.00	3,335.49	3,335.49	0.00
0	8-20-4	209.70	0.00	209.70	0.00	209.70	0.00
0	8-20-4.5	249.00	0.00	249.00	0.00	249.00	0.00
0	8-20-5	1,318.27	0.00	0.00	1,318.27	1,318.27	0.00
0	8-20.5-5	49.21	0.00	0.00	49.21	49.21	0.00
0	8-21-4	868.71	0.00	0.00	868.71	868.71	0.00
0	8-24-0	95.78	0.00	0.00	95.78	95.78	0.00
0	8-24-8	0.01	0.01	0.00	0.00	0.00	0.01
0	8-32-5	0.03	0.00	0.00	0.03	0.00	0.03
0	9-0-0	233.99	0.00	0.00	233.99	233.99	0.00
0	9-0-18	1.60	1.60	0.00	0.00	0.00	1.60
0	9-9-6	0.09	0.09	0.00	0.00	0.00	0.09
0	9-9-9	0.03	0.00	0.03	0.00	0.03	0.00
0	9-11-9	98.66	0.00	0.00	98.66	98.66	0.00
0	9-14-9	0.03	0.00	0.00	0.03	0.00	0.03
0	9-17-9	13.33	13.33	0.00	0.00	0.00	13.33
0	9-18-9	5,881.51	0.00	0.00	5,881.51	5,880.12	1.39
0	9-20-5	1,333.00	0.00	0.00	1,333.00	1,333.00	0.00
0	9-22-16	17.45	17.45	0.00	0.00	0.02	17.43
0	9-24-3	3,089.00	0.00	0.00	3,089.00	3,089.00	0.00
0	9-25-5	321.47	0.00	0.00	321.47	321.47	0.00
0	9-42-12	575.08	0.00	575.08	0.00	575.08	0.00
0	9-45-15	4.00	4.00	0.00	0.00	4.00	0.00
0	9-53-0	6.00	6.00	0.00	0.00	0.00	6.00
0	10-2-6	1.20	1.20	0.00	0.00	0.00	1.20
0	10-2-8	0.02	0.02	0.00	0.00	0.00	0.02
0	10-8-8	0.01	0.00	0.00	0.01	0.00	0.01
0	10-10-2	0.05	0.05	0.00	0.00	0.00	0.05
0	10-10-5	18.00	18.00	0.00	0.00	9.00	9.00
0	10-10-10	154.24	120.60	0.00	33.64	35.74	118.50

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
 From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	10-12-10	0.19	0.19	0.00	0.00	0.00	0.19
0	10-12-12	0.13	0.13	0.00	0.00	0.00	0.13
0	10-13-13	2.02	2.02	0.00	0.00	0.00	2.02
0	10-15-10	0.16	0.00	0.00	0.16	0.00	0.16
0	10-15-15	0.40	0.40	0.00	0.00	0.00	0.40
0	10-16-10	2.12	2.12	0.00	0.00	0.00	2.12
0	10-17-9	7.19	7.19	0.00	0.00	0.00	7.19
0	10-18-22	0.20	0.20	0.00	0.00	0.20	0.00
0	10-20-10	34.21	0.00	0.00	34.21	34.21	0.00
0	10-20-20	0.38	0.38	0.00	0.00	0.00	0.38
0	10-20-26	12.00	12.00	0.00	0.00	12.00	0.00
0	10-30-0	929.30	0.00	0.00	929.30	929.30	0.00
0	10-52-17	0.05	0.05	0.00	0.00	0.00	0.05
0	10-54-10	0.54	0.54	0.00	0.00	0.00	0.54
0	11-2-2	2.96	2.96	0.00	0.00	0.00	2.96
0	11-5-7	3.02	3.02	0.00	0.00	0.00	3.02
0	11-7-7	0.64	0.64	0.00	0.00	0.00	0.64
0	11-22-18	0.73	0.73	0.00	0.00	0.00	0.73
0	11-28-18	5.79	5.79	0.00	0.00	0.00	5.79
0	11-55-0	5.50	0.00	5.50	0.00	5.50	0.00
0	12-0-0	310.39	0.87	0.00	309.51	309.51	0.87
0	12-4-8	7.75	0.27	0.00	7.48	0.00	7.75
0	12-5-7	0.41	0.41	0.00	0.00	0.00	0.41
0	12-5-8	0.03	0.03	0.00	0.00	0.00	0.03
0	12-6-6	1.00	0.00	0.00	1.00	0.00	1.00
0	12-6-12	2.35	2.35	0.00	0.00	0.00	2.35
0	12-8-10	0.10	0.10	0.00	0.00	0.00	0.10
0	12-9-6	0.92	0.00	0.00	0.92	0.00	0.92
0	12-10-10	0.00	0.00	0.00	0.00	0.00	0.00
0	12-12-4	0.20	0.20	0.00	0.00	0.00	0.20

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	12-12-12	24.23	24.23	0.00	0.00	24.22	0.01
0	12-16-4	0.76	0.76	0.00	0.00	0.00	0.76
0	12-22-14	24.00	24.00	0.00	0.00	0.00	24.00
0	12-24-6	7.10	7.10	0.00	0.00	0.00	7.10
0	12-24-24	2.00	2.00	0.00	0.00	0.00	2.00
0	12-28-12	0.73	0.73	0.00	0.00	0.00	0.73
0	12-40-0	958.53	0.00	958.53	0.00	958.53	0.00
0	12-44-10	13.13	13.13	0.00	0.00	0.00	13.13
0	12-61-0	633.10	633.10	0.00	0.00	548.10	85.00
0	12-61.5-0	8.00	8.00	0.00	0.00	8.00	0.00
0	13-0-0	221.18	0.00	20.00	201.18	221.18	0.00
0	13-0-5	131.75	131.75	0.00	0.00	44.00	87.75
0	13-0-26	0.40	0.40	0.00	0.00	0.00	0.40
0	13-0-46	144.00	144.00	0.00	0.00	0.00	144.00
0	13-3-3	52.00	0.00	0.00	52.00	52.00	0.00
0	13-3-7	14.38	14.38	0.00	0.00	0.00	14.38
0	13-13-13	51.33	29.33	22.00	0.00	29.33	22.00
0	13-25-12	0.08	0.08	0.00	0.00	0.08	0.00
0	14-0-14	1.50	1.50	0.00	0.00	1.50	0.00
0	14-0.11-0.08	35.14	35.14	0.00	0.00	0.00	35.14
0	14-7-7	0.18	0.18	0.00	0.00	0.00	0.18
0	14-14-14	4.47	4.47	0.00	0.00	0.00	4.47
0	14-14-16	4.00	4.00	0.00	0.00	4.00	0.00
0	14-36-13	35.91	1.50	34.41	0.00	35.91	0.00
0	15-0-0	148.27	0.00	12.04	136.23	41.39	106.88
0	15-0-5	4.40	2.00	0.00	2.40	1.10	3.30
0	15-0-15	12.32	12.10	0.00	0.22	7.10	5.22
0	15-3-5	4.50	4.50	0.00	0.00	0.25	4.25
0	15-5-10	3.05	3.05	0.00	0.00	0.65	2.40
0	15-5-13	0.03	0.03	0.00	0.00	0.00	0.03

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	15-7-6	2.01	2.01	0.00	0.00	0.00	2.01
0	15-9-12	1.69	1.69	0.00	0.00	0.00	1.69
0	15-15-0	149.00	0.00	149.00	0.00	149.00	0.00
0	15-15-15	0.05	0.05	0.00	0.00	0.00	0.05
0	15-15-18	0.48	0.00	0.48	0.00	0.00	0.48
0	15-15-20	2.00	2.00	0.00	0.00	0.00	2.00
0	15-23-10	4.10	4.10	0.00	0.00	0.00	4.10
0	15-25-10	66.50	66.50	0.00	0.00	1.50	65.00
0	15-30-15	11.73	11.73	0.00	0.00	1.00	10.73
0	16-0-0	44.69	0.00	0.00	44.69	44.69	0.00
0	16-0-2	122.02	0.00	0.00	122.02	120.57	1.45
0	16-0-12	154.00	154.00	0.00	0.00	154.00	0.00
0	16-2-2	1.28	0.00	0.00	1.28	1.28	0.00
0	16-3-5	5.25	5.25	0.00	0.00	3.00	2.25
0	16-4-4	1.00	1.00	0.00	0.00	0.00	1.00
0	16-4-6	3.00	3.00	0.00	0.00	3.00	0.00
0	16-4-8	5.21	5.21	0.00	0.00	0.00	5.21
0	16-6-16	2.00	2.00	0.00	0.00	2.00	0.00
0	16-8-3	41.41	0.00	0.00	41.41	41.41	0.00
0	16-8-8	1.00	1.00	0.00	0.00	0.00	1.00
0	16-10-9	2.00	2.00	0.00	0.00	0.00	2.00
0	16-12-12	0.10	0.10	0.00	0.00	0.00	0.10
0	16-25-12	1.58	1.58	0.00	0.00	0.00	1.58
0	16-36-8	11.00	0.00	11.00	0.00	11.00	0.00
0	16-61-0	149.00	149.00	0.00	0.00	149.00	0.00
0	17-0-17	0.40	0.00	0.40	0.00	0.00	0.40
0	17-2-5	767.50	0.00	0.00	767.50	383.50	384.00
0	17-2-7	6.00	6.00	0.00	0.00	6.00	0.00
0	17-16-28	0.05	0.05	0.00	0.00	0.00	0.05
0	18-0-0	1.00	1.00	0.00	0.00	1.00	0.00

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
 From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	18-0-3	1.25	1.25	0.00	0.00	0.00	1.25
0	18-0-5	81.25	81.25	0.00	0.00	0.00	81.25
0	18-0-6	7.00	6.00	1.00	0.00	0.00	7.00
0	18-0-12	38.04	38.04	0.00	0.00	0.00	38.04
0	18-0-18	17.13	17.13	0.00	0.00	16.00	1.13
0	18-1-8	0.08	0.08	0.00	0.00	0.08	0.00
0	18-2-6	18.00	18.00	0.00	0.00	0.00	18.00
0	18-2-12	45.00	45.00	0.00	0.00	0.00	45.00
0	18-3-5	0.02	0.02	0.00	0.00	0.00	0.02
0	18-3-6	0.53	0.00	0.00	0.53	0.06	0.47
0	18-3-15	6.00	6.00	0.00	0.00	0.00	6.00
0	18-3-18	1.85	1.85	0.00	0.00	0.45	1.40
0	18-4-8	5.00	5.00	0.00	0.00	0.00	5.00
0	18-4-18	9.00	9.00	0.00	0.00	8.00	1.00
0	18-5-9	18.60	18.60	0.00	0.00	9.30	9.30
0	18-6-12	11.03	11.03	0.00	0.00	0.00	11.03
0	18-8-6	1.25	1.25	0.00	0.00	0.00	1.25
0	18-9-18	1.40	1.40	0.00	0.00	0.00	1.40
0	18-18-21	3.01	3.01	0.00	0.00	0.00	3.01
0	18-19-30	0.05	0.05	0.00	0.00	0.00	0.05
0	18-23-4	2.98	2.98	0.00	0.00	0.00	2.98
0	18-24-6	0.04	0.04	0.00	0.00	0.00	0.04
0	18-24-12	6.75	6.75	0.00	0.00	3.25	3.50
0	18-24-16	1.15	1.15	0.00	0.00	0.00	1.15
0	19-0-2	1.05	1.05	0.00	0.00	0.00	1.05
0	19-0-5	172.20	172.20	0.00	0.00	86.10	86.10
0	19-0-6	48.75	48.75	0.00	0.00	43.00	5.75
0	19-3-5	10.34	10.34	0.00	0.00	0.00	10.34
0	19-3-6	8.50	8.50	0.00	0.00	4.00	4.50
0	19-6-12	5.41	5.41	0.00	0.00	0.00	5.41

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
 From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	19-25-5	1.00	1.00	0.00	0.00	0.00	1.00
0	19-31-17	0.07	0.07	0.00	0.00	0.00	0.07
0	20-0-0	271.39	0.00	70.54	200.85	268.54	2.85
0	20-0-20	4.50	4.50	0.00	0.00	0.00	4.50
0	20-1-1	95.00	0.00	0.00	95.00	95.00	0.00
0	20-3-3	37.25	37.25	0.00	0.00	17.00	20.25
0	20-3-10	17.00	17.00	0.00	0.00	8.00	9.00
0	20-3-19	2.00	2.00	0.00	0.00	2.00	0.00
0	20-4-8	0.13	0.13	0.00	0.00	0.00	0.13
0	20-4-10	5.00	5.00	0.00	0.00	0.00	5.00
0	20-4-20	11.93	11.93	0.00	0.00	0.00	11.93
0	20-6-12	4.00	4.00	0.00	0.00	4.00	0.00
0	20-10-5	32.99	32.49	0.50	0.00	20.26	12.73
0	20-10-10	10.38	9.55	0.83	0.00	5.83	4.55
0	20-10-20	4.00	4.00	0.00	0.00	4.00	0.00
0	20-12-8	3.00	3.00	0.00	0.00	0.00	3.00
0	20-14-12	98.68	98.68	0.00	0.00	3.98	94.70
0	20-20-10	15.00	7.50	7.50	0.00	7.50	7.50
0	20-20-20	24.70	18.95	5.75	0.00	11.83	12.87
0	20-21-20	0.01	0.01	0.00	0.00	0.00	0.01
0	20-27-5	25.54	25.54	0.00	0.00	0.00	25.54
0	20-30-20	0.04	0.04	0.00	0.00	0.00	0.04
0	20.5-0-0	7,866.32	2.58	7,863.74	0.00	7,866.32	0.00
0	21-0-0	8,869.19	0.00	8,839.19	30.00	8,869.19	0.00
0	21-0-6	0.05	0.05	0.00	0.00	0.00	0.05
0	21-0-20	2.25	2.25	0.00	0.00	0.00	2.25
0	21-0-22	1.00	1.00	0.00	0.00	0.00	1.00
0	21-3-16	1.04	1.04	0.00	0.00	0.00	1.04
0	21-3-21	4.33	4.33	0.00	0.00	4.33	0.00
0	21-5-20	3.00	3.00	0.00	0.00	3.00	0.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
**From January, 2008 To December, 2008**

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	21-9-9	8.00	8.00	0.00	0.00	8.00	0.00
0	22-0-0	0.83	0.83	0.00	0.00	0.00	0.83
0	22-0-8	4.00	4.00	0.00	0.00	4.00	0.00
0	22-0-10	13.35	13.35	0.00	0.00	2.35	11.00
0	22-0-14	1.32	1.32	0.00	0.00	0.00	1.32
0	22-0-22	0.58	0.58	0.00	0.00	0.08	0.50
0	22-2-14	1.54	1.54	0.00	0.00	0.00	1.54
0	22-3-10	8.60	8.60	0.00	0.00	0.00	8.60
0	22-3-11	45.25	45.25	0.00	0.00	0.00	45.25
0	22-3-14	7.14	7.14	0.00	0.00	0.00	7.14
0	22-4-11	0.27	0.27	0.00	0.00	0.00	0.27
0	22-4-14	0.16	0.00	0.16	0.00	0.16	0.00
0	22-8-6	3.00	3.00	0.00	0.00	0.00	3.00
0	22-9-6	0.01	0.00	0.00	0.01	0.00	0.01
0	22-10-10	1.00	1.00	0.00	0.00	0.00	1.00
0	22-24-12	0.02	0.02	0.00	0.00	0.00	0.02
0	22-34-11	0.02	0.02	0.00	0.00	0.00	0.02
0	23-0-6	6.00	0.00	6.00	0.00	3.00	3.00
0	23-0-8	22.00	22.00	0.00	0.00	0.00	22.00
0	23-3-7	8.00	8.00	0.00	0.00	8.00	0.00
0	23-3-8	53.00	53.00	0.00	0.00	0.00	53.00
0	24-0-0	7,480.77	0.00	0.00	7,480.77	7,480.19	0.58
0	24-0-5	25.90	25.90	0.00	0.00	0.00	25.90
0	24-0-10	66.19	66.19	0.00	0.00	31.28	34.91
0	24-0-12	9.00	9.00	0.00	0.00	0.00	9.00
0	24-3-12	41.32	41.32	0.00	0.00	0.00	41.32
0	24-4-16	1.00	1.00	0.00	0.00	1.00	0.00
0	24-5-10	30.10	0.00	30.10	0.00	7.00	23.10
0	24-5-11	2.25	2.25	0.00	0.00	0.00	2.25
0	24-8-16	21.11	21.11	0.00	0.00	0.00	21.11

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	24-15-10	13.00	13.00	0.00	0.00	13.00	0.00
0	25-0-0	1,942.17	0.00	0.00	1,942.17	1,942.17	0.00
0	25-0-3	94.40	0.00	0.00	94.40	94.40	0.00
0	25-0-5	131.25	131.25	0.00	0.00	49.00	82.25
0	25-0-6	2.00	2.00	0.00	0.00	2.00	0.00
0	25-0-12	3.02	3.02	0.00	0.00	3.00	0.02
0	25-1-2	2.03	2.03	0.00	0.00	0.00	2.03
0	25-2-5	47.57	47.57	0.00	0.00	24.33	23.24
0	25-3-3	1.52	1.38	0.14	0.00	0.14	1.38
0	25-3-5	0.28	0.28	0.00	0.00	0.28	0.00
0	25-3-15	4.00	4.00	0.00	0.00	0.00	4.00
0	25-5-5	3.24	3.21	0.03	0.00	0.03	3.21
0	25-5-15	347.78	347.78	0.00	0.00	0.15	347.63
0	26-0-0	324.13	0.00	2.00	322.13	324.13	0.00
0	26-0-3	369.98	369.98	0.00	0.00	0.00	369.98
0	26-0-4	23.00	23.00	0.00	0.00	0.00	23.00
0	26-0-9	1.70	1.70	0.00	0.00	0.00	1.70
0	26-0-11	2.01	2.01	0.00	0.00	0.00	2.01
0	26-2-8	38.05	38.05	0.00	0.00	0.00	38.05
0	26-3-4	177.00	177.00	0.00	0.00	0.00	177.00
0	26-3-8	14.82	14.68	0.14	0.00	10.82	4.00
0	26-3-12	18.88	18.88	0.00	0.00	0.00	18.88
0	26-12-20	1.41	1.41	0.00	0.00	1.41	0.00
0	27-0-0	9,721.00	0.00	0.00	9,721.00	9,721.00	0.00
0	27-0-8	3.20	3.20	0.00	0.00	0.00	3.20
0	27-3-12	1.55	1.55	0.00	0.00	0.00	1.55
0	27-5-8	1.00	1.00	0.00	0.00	0.00	1.00
0	27-19-7	6.27	0.00	6.27	0.00	6.27	0.00
0	28-0-0	80.00	0.00	80.00	0.00	80.00	0.00
0	28-0-3	9.88	9.88	0.00	0.00	0.00	9.88



DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	28-0-4	35.07	35.07	0.00	0.00	0.00	35.07
0	28-0-5	1.00	1.00	0.00	0.00	1.00	0.00
0	28-0-8	158.65	6.65	0.00	152.00	155.00	3.65
0	28-0-10	127.18	127.18	0.00	0.00	95.18	32.00
0	28-2-3	53.98	53.98	0.00	0.00	0.00	53.98
0	28-2-8	52.40	52.40	0.00	0.00	0.00	52.40
0	28-3-3	16.65	16.65	0.00	0.00	0.00	16.65
0	28-3-4	108.59	108.59	0.00	0.00	4.00	104.59
0	28-3-8	18.07	18.07	0.00	0.00	0.00	18.07
0	28-3-10	42.33	42.33	0.00	0.00	31.00	11.33
0	28-4-6	0.11	0.11	0.00	0.00	0.00	0.11
0	28-5-8	0.34	0.34	0.00	0.00	0.00	0.34
0	28-7-14	40.00	40.00	0.00	0.00	0.00	40.00
0	28-8-10	3.00	3.00	0.00	0.00	0.00	3.00
0	29-0-4	1.00	1.00	0.00	0.00	0.00	1.00
0	29-0-5	3.94	3.94	0.00	0.00	0.00	3.94
0	29-1-4	2.44	2.44	0.00	0.00	0.00	2.44
0	29-2-3	65.45	65.45	0.00	0.00	0.00	65.45
0	29-2-4	26.90	26.90	0.00	0.00	0.00	26.90
0	29-3-3	55.49	55.49	0.00	0.00	0.00	55.49
0	29-3-4	14.67	14.67	0.00	0.00	0.00	14.67
0	30-0-0	1,334.00	1,334.00	0.00	0.00	1,334.00	0.00
0	30-0-2	0.18	0.00	0.00	0.18	0.00	0.18
0	30-0-4	11.78	11.78	0.00	0.00	0.00	11.78
0	30-0-5	23.25	23.25	0.00	0.00	0.00	23.25
0	30-0-10	32.40	32.40	0.00	0.00	22.00	10.40
0	30-2-3	59.79	59.79	0.00	0.00	0.00	59.79
0	30-2-5	29.20	29.20	0.00	0.00	0.00	29.20
0	30-3-3	27.76	27.76	0.00	0.00	0.00	27.76
0	30-3-4	25.80	25.80	0.00	0.00	0.00	25.80

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
 From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	30-7-10	43.00	43.00	0.00	0.00	0.00	43.00
0	30-10-10	5.05	5.05	0.00	0.00	0.00	5.05
0	31-0-0	5.69	0.00	0.00	5.69	5.69	0.00
0	31-3-10	11.17	11.17	0.00	0.00	0.00	11.17
0	31-3-12	3.13	3.13	0.00	0.00	0.00	3.13
0	32-0-10	3.33	3.33	0.00	0.00	3.33	0.00
0	32-3-8	16.74	16.74	0.00	0.00	0.00	16.74
0	32-3-10	6.79	6.79	0.00	0.00	2.73	4.06
0	32-5-7	1.00	1.00	0.00	0.00	1.00	0.00
0	32-7-7	34.00	34.00	0.00	0.00	0.00	34.00
0	32-20-0	3.13	0.00	3.13	0.00	3.13	0.00
0	33-12-7	19.56	0.00	19.56	0.00	19.56	0.00
0	34-0-15	5.55	5.55	0.00	0.00	0.00	5.55
0	34-2-6	24.00	24.00	0.00	0.00	24.00	0.00
0	34-3-7	0.03	0.03	0.00	0.00	0.03	0.00
0	35-0-5	1.49	1.49	0.00	0.00	0.00	1.49
0	35-6-7	25.26	0.00	25.26	0.00	25.26	0.00
0	35-18-0	34.50	0.00	34.50	0.00	34.50	0.00
0	35-18-8	17.25	0.00	17.25	0.00	17.25	0.00
0	36-0-4	2.50	2.50	0.00	0.00	0.00	2.50
0	36-3-4	34.24	32.66	1.58	0.00	1.58	32.66
0	36-4-4	2.71	2.71	0.00	0.00	0.00	2.71
0	36-6-6	1.40	1.40	0.00	0.00	0.00	1.40
0	37-0-0	5.63	5.63	0.00	0.00	0.00	5.63
0	38-0-0	5.00	4.00	1.00	0.00	2.00	3.00
0	38-6-5	20.00	0.00	20.00	0.00	20.00	0.00
0	40-0-0	10.00	7.00	3.00	0.00	7.00	3.00
0	42-0-0	4.00	4.00	0.00	0.00	4.00	0.00
0	44-0-0	839.96	0.00	839.96	0.00	839.96	0.00
0	55-10-12	5.00	0.00	5.00	0.00	5.00	0.00

DETAIL FERTILIZER SUMMARY  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	66-0-0	11.60	0.00	11.60	0.00	11.60	0.00
2	82-0-0	38,326.81	0.00	0.00	38,326.81	38,326.81	0.00
10	34-0-0	386.00	8.00	378.00	0.00	386.00	0.00
24	21-0-0	31,044.85	38.06	31,006.78	0.00	31,044.75	0.10
31	12-0-0	6,601.03	0.00	0.00	6,601.03	6,601.03	0.00
58	28-0-0	153,331.65	0.00	0.00	153,331.65	153,323.61	8.04
59	30-0-0	832.37	0.00	0.00	832.37	832.37	0.00
60	32-0-0	116,134.03	0.00	0.00	116,134.03	116,134.03	0.00
66	46-0-0	575,438.39	195.17	575,173.87	69.35	575,355.57	82.82
68	38-0-0	2.00	2.00	0.00	0.00	0.00	2.00
68	39-0-0	0.20	0.20	0.00	0.00	0.20	0.00
203	18-46-0	112,276.54	54.76	112,221.78	0.00	112,256.30	20.24
209	11-52-0	212,496.55	134.91	212,361.64	0.00	212,362.46	134.09
223	0-60-0	3.42	3.42	0.00	0.00	3.42	0.00
249	10-34-0	65,407.98	0.00	0.00	65,407.98	65,407.98	0.00
253	0-35-0	6.00	0.00	0.00	6.00	6.00	0.00
273	0-68-0	8,345.57	0.00	0.00	8,345.57	8,345.57	0.00
428	0-0-60	80,130.34	26.09	80,104.25	0.00	80,128.63	1.71
430	0-0-62	1,571.67	7.98	1,563.69	0.00	1,565.23	6.44
443	0-0-22	296.99	1.00	295.99	0.00	296.99	0.00
463	0-0-50	54.10	54.10	0.00	0.00	26.00	28.10
613	1.3-0.05-	800.00	800.00	0.00	0.00	0.00	800.00
613	1.4-1.5-1.2	34,062.00	0.00	34,062.00	0.00	34,062.00	0.00
613	1.71-0.498-	325.19	0.00	325.19	0.00	0.00	325.19
613	2-2-1	197.05	196.40	0.65	0.00	0.65	196.40
613	2.1-0.4-1.6	365.49	0.00	365.49	0.00	0.00	365.49
649	0.05-0.05-	63.60	0.00	63.60	0.00	0.00	63.60
649	0.5-0.5-0.5	16,079.01	0.00	16,079.01	0.00	16,079.01	0.00
652	1.9-0.2-0.2	16.42	0.00	16.42	0.00	16.42	0.00
706	0-0-0	95.44	11.95	77.41	6.08	94.11	1.33

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
 From January, 2008 To December, 2008

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
720	0-0-0	6.67	6.67	0.00	0.00	6.22	0.45
722	0-0-0	1.95	0.00	0.00	1.95	1.95	0.00
728	0-0-0	0.02	0.02	0.00	0.00	0.00	0.02
730	0-0-0	14.58	1.00	0.00	13.58	1.00	13.58
732	0-0-0	7,269.31	13.14	7,256.12	0.05	7,266.31	3.00
736	0-0-0	0.09	0.00	0.00	0.09	0.09	0.00
745	0-0-0	2.90	1.00	0.00	1.90	1.00	1.90
748	0-0-0	1.00	0.00	0.00	1.00	1.00	0.00
754	0-0-0	37.29	35.29	0.00	2.00	35.74	1.55
762	0-0-0	0.06	0.00	0.00	0.06	0.06	0.00
764	0-0-0	635.38	137.16	498.22	0.00	498.22	137.16
766	0-0-0	1.15	0.00	1.15	0.00	1.15	0.00
767	0-0-0	12.89	0.00	12.89	0.00	12.89	0.00
770	0-0-0	2,696.80	1,788.93	777.87	130.00	2,634.75	62.05
780	0-0-0	0.11	0.00	0.11	0.00	0.11	0.00
782	0-0-0	2,084.88	1,284.33	784.49	16.06	2,039.01	45.88
783	0-0-0	511.29	0.00	0.00	511.29	510.29	1.00
797	0-0-0	2,947.61	767.08	1,475.35	705.18	2,802.87	144.74
798	0-0-0	1,760.63	1,060.15	373.18	327.30	1,760.59	0.04
903	0-0-0	0.15	0.15	0.00	0.00	0.15	0.00
907	0-0-0	10.86	0.00	10.86	0.00	0.00	10.86
908	0-0-0	4.00	4.00	0.00	0.00	1.00	3.00
910	0-0-0	1,830.88	0.20	1,830.68	0.00	1,830.68	0.20
978	0-0-0	5.02	2.02	0.00	3.00	5.00	0.02
990	0-0-0	2.46	0.00	2.00	0.46	2.00	0.46
998	0-0-0	1,152.27	27.38	571.19	553.70	1,149.39	2.88

DETAIL FERTILIZER SUMMARY  
 SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
**From January, 2008 To December, 2008**

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
TOTALS		1,568,614.25	15,324.78	1,112,795.27	440,494.20	1,559,894.0	8,720.19

GRAND TOTAL	1,568,614.25
GRAND TOTAL FOR BAG	15,324.78
GRAND TOTAL FOR BULK	1,112,795.27
GRAND TOTAL FOR LIQUID	440,494.20
GRAND TOTAL FOR FARM	1,559,894.05
GRAND TOTAL FOR NONFARM	8,720.19

**Leading Fertilizer Grades in South Dakota for 2008**

