

FERTILIZER PROGRAM

ANNUAL REPORT

2014



SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

DIVISION OF AGRICULTURAL SERVICES

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Under the authority of SDCL 38-14, the South Dakota Department of Agriculture, Division of Agricultural Services, Office of Agronomy Services conducts 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.

Sampling is conducted at random by State inspectors throughout South Dakota. The following summary was analyzed and provided by South Dakota Agricultural Laboratories, a private contractor located in Brookings, South Dakota.

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Section A

Sample Count Report

2014 Fertilizer Manufacturer Sample Totals (One Line)

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
			1	1
A. H. Hoffman Inc.	Lancaster	PA	1	1
ADM Fertilizer	Minneapolis	MN	1	1
Ag First	Aurora	SD	1	0
Age Old Organics	Mendota	IL	1	1
Agland Coop-Delmont	Delmont	SD	1	1
Agra Industries, LLC.	Firestone	CO	1	1
Agrium	Denver	CO	1	1
Agrium Advanced Tech	Loveland	CO	1	1
Agrium U.S. Inc.	Canada T2J7E8		1	1
Ameropa North America Inc	Tampa	FL	1	1
Aqrium	Sota Springs	ID	1	1

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
Bell Aquaculture	Redkey	IN	1	1
Big Green	Mitchell	SD	1	0
Big Sioux	Sioux City	IA	1	1
Bonide Products Inc	Oriskany	NY	1	1
Borax	Boran	CA	1	1
Border States Cooperative	Sisseton	SD	1	1
Bridgewell Resources, LLC.	Clackamas	OK	1	1
Cargill Inc	Parkston	SD	1	1
Castlewood Farmers Elevator	Castlewood	SD	1	0
Centennial Ag Supply	Kersey	CO	1	1
Central Farmers Coop	Marion	SD	1	1
CF Industries	Deerfield	IL	1	1
CF Industries Verdigris, OK Nitro Comp	Claremore	OK	1	1
CHS	Mitchell	SD	1	0
CHS - Elkton	Elkton	SD	1	1
CHS - Watertown	Watertown	SD	1	1

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
CHS Crop Nutrients	Minneapolis	MN	1	1
CHS Inc	Inver Grove Heights	MN	1	1
CHS Inc.	Pine Bend	MN	1	0
CHS, Inc.	Inver Grove Heights	MN	1	1
CHS, Inc.Eastern Farmers COOP	Worthing	SD	1	1
CHS/Farmers Plant Food	Wolsey	SD	1	1
Clark Community Oil	Clark	SD	1	0
Clark County Farmers Elevator	Clark	SD	1	1
Consumers Supply	North Sioux City	SD	1	1
Coop Farmers Inc	Tyndall	SD	1	1
Cooperative Farmers Inc.	Scotland	SD	1	1
Country Pride Coop	Dante	SD	1	1
Country Pride Co-op	Wagner	SD	1	0
Dakota Ag Coop	Kindred	ND	1	1
Dakota Ag Cooperative	Claire City	SD	1	1
Dakota Gasification Company	Beulah	ND	1	1

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
Dakota Mill & Grain	Ft. Pierre	SD	1	1
Dakota Mill and Grain	Wall	SD	1	1
Dell Rapids Coop Grain	Dell Rapids	SD	1	0
Deuel County Farmers Union Oil Co	Toronto	SD	1	1
Duel County Cenex	Toronto	SD	1	1
Eastern Farmers Coop	Worthing	SD	1	0
Easy Gardener, Inc.	Waco	TX	1	1
Eau Claire Coop Oil Co	Eau Claire	WI	1	0
Eau Claire Co-op Oil Co.	Eau Claire	WI	1	0
Estelline Coop Grain	Estelline	SD	1	1
Farm Country Coop	Florence	SD	1	0
Farmers Ag Center	Madison	SD	1	0
Farmers Ag Center LLC	Madison	SD	1	0
Farmers Alliance	Mitchell	SD	1	1
Farmers Alliance (Storla)	Letcher	SD	1	0
Farmers Coop Elevator	Avon	SD	1	0

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
Farmers Elevator Co	Platte	SD	1	1
Farmers Elevator Company	Rock Valley	IA	1	1
Farmers Elevator Compt	Humboldt	SD	1	1
Farmers Elevator Coop	Doon	IA	1	1
Free Flow Fertilizer / Andersons Lawn F	Maumee	OH	1	0
FreMar LLC	Marion	SD	1	1
Frontier Fertilizer	Johnstown	CO	1	1
Full Circle Ag	Pierpont	SD	1	1
Full Circle Ag/4 Seasons Coop	Hecla	SD	1	0
FUOC	Bryant	SD	1	1
Gavilon Fertilizer	Catoosa	OK	1	1
Gavilon Fertilizer LLC	East Peoria	IL	1	1
Gavilon Fertilizer, LLC.	Savannah	GA	1	1
Geddes Farmers Coop	Geddes	SD	1	0
Great Salt Lake Minerals Corp	Ogden	UT	1	1
Gro Tec Inc	Covington	GA	1	0
Gro Tec, Inc	Madison	GA	1	0

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
Hartford Farmers Elevator	Hartford	SD	1	1
Helena Chem Co	Clear Lake	SD	1	1
Helena Chem. Co.	Marshall	MN	1	1
Helena Chemical Co	Collierville	TN	1	0
Helena Chemical Co.	Madison	SD	1	0
Howard Johnsons Ent Inc.	Franklin	WI	1	0
Infinity Fertilizers	Milan	IL	1	0
Interoceanic Corporation	New York	NY	1	1
Intrepid Potash New Mexico LLC	Carlsbad	NM	1	1
JR Peters Inc	Allentown	PA	1	1
JR Simplot Co	Boise	ID	1	1
Kaup Foragae & Turf	Norfolk	NE	1	1
Kinder Morgan Dakota	South St Paul	MN	1	1
Knox Fertilizer Co	Knox	IN	1	0
Koch Agronomic Services,LLC	Wichita	KS	1	1
Koch NIT LLC	Chicago	IL	1	1
Koch Nitrogen	Brandon	SD	1	1

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
Koch Nitrogen Co. LLC	SGT. Bluffs	IA	1	1
Koch Nitrogen Company, LLC	Garretson	SD	1	1
LaBolt Farmers Grain	Labolt	SD	1	0
Lake Preston Coop	Lake Preston	SD	1	1
Lebanon Equity Exchange	Lebanon	SD	1	0
Lebanon Seaboard Corp	Lebanon	PA	1	1
Lilly Miller Brands	Walnut Creek	CA	1	1
Loveland Products Inc	Greeley	CO	1	1
Mettler Fertilizer Inc	Menno	SD	1	1
Mettler Fertilizer -Tripp	Tripp	SD	1	0
Midwest Coop	Onida	SD	1	1
Midwest Cooperatives	Philip	SD	1	1
Milwaukee Metropolitan Sewage Dist.	Milwaukee	WI	1	1
Miracle-Gro Lawn Products	Marysville	OH	1	1
Miracle-Gro Lawn Products Inc	Marysville	OH	1	1
Missouri River Farms, Inc.	Yankton	SD	1	0

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
Montana Sulphur & Chemical Co	Billings	MT	1	1
Mosaic	Riverview	FL	1	1
Mosaic Canada ULC	Canada		1	1
Mosaic Crop Nutrition	Minneapolis	MN	1	1
Mosaic Crop Nutrition , LLC	S Riverview	FL	1	1
Mosaic Potash	Canada	CA	1	1
NCFE	Miller	SD	1	0
North Central Farmers Elevator	Ipswich	SD	1	1
North Plains	Gettysburg	SD	1	1
Northern AG	Urban Dale	IA	1	1
Nutra Flo Company	Sioux City	IA	1	1
PCS Sales	Saskatchewan Canada	CA	1	1
Prairie Ag	Arlington	SD	1	0
Premier Tech Inc.	Brea	CA	1	1
Ramsdells Fertilizer & Propane Inc	Brookings	SD	1	1
Rentech Nitrogen	Pasadena	TX	1	1
Revilla Farmers Elevator	Revilla	SD	1	1

<u>Manufacturer</u>	<u>City</u>	<u>State</u>	Total Samples	Total Passed
Rod McLellan Co.	Independence	OR	1	1
Rosebud Farmers Union Coop	Gregory	SD	1	1
Scotts Company	Marysville	OH	1	1
SD Wheat Growers	Chamberlain	SD	1	0
SDWG	Aberdeen	SD	1	0
Simplot Agri Business	Rock Springs	WY	1	1
Soil Works, LLC	Yankton	SD	1	1
South Dakota Wheat Growers	Huron	SD	1	1
Southeast Farmers Elevator	Elk Point	SD	1	1
Swiss Farms Products Inc	Las Vegas	NV	1	0
Tabor Lumber Co.	Lesterville	SD	1	1
Tabor Lumber Coop	Tabor	SD	1	1
The Anderson Lawn Fertilizer Div Inc	Maumee	OH	1	1
The Espoma Company	Millville	NJ	1	0

2014 Individual Samples

2014 Fertilizers¹ Individual Samples

	<u>Analyte</u>	<u>Found</u>	<u>Claim</u>	<u>Disposition</u>
Manufacturer:				
Description:	0-0-60			
Sample No:	14N03486			
	Soluble Potash	60.51 %	60 %	
Description:	0-0-62			
Sample No:	14N03294			
	Soluble Potash	61.42 %	62 %	
Description:	12-40-0-S10-1			
Sample No:	14N03295			
	Zinc	0.971 %	1 %	
	Sulfur	9.410 %	10 %	
	Total Nitrogen	12.66 %	12 %	
	Available Phosphate as P2O5	40.97 %	40 %	
	Commercial Value			
	Overall Index Value	103 %	100 %	
Description:	28-0-0			
Sample No:	14N03772			
	Total Nitrogen	28.66 %	28 %	
Sample No:	14N03773			
	Total Nitrogen	27.86 %	28 %	
Description:	Soil			
Sample No:	14N06729			
	Total Nitrogen	0.9840 ug/g (ppm)	No Claim	
Description:	Soil North			
Sample No:	14N02259			
	Nitrate-Nitrogen	105.2 %	No Claim	No
	Available Phosphate as P2O5 Soluble	8216 ug/g (ppm)	Claim	No
	Potash	2780 ug/g (ppm)	Claim	No
	Total Nitrogen	4481 ug/g (ppm)	Claim	
Description:	Soil South			
Sample No:	14N02257			

Nitrate-Nitrogen	67.13 %	No Claim
Soluble Potash	1190 ug/g (ppm)	No Claim
Available Phosphate as P2O5	1649 ug/g (ppm)	No Claim
Total Nitrogen	2465 ug/g (ppm)	No Claim

Description: Soil/Gravel

Sample No: 14N02258

Sample Cancelled No Claim

Description: Soil-Driveway

Sample No: 14N12066

Total Nitrogen	1837 ug/g (ppm)	No Claim
Soluble Potash	710 ug/g (ppm)	No Claim No Claim
Available Phosphate as P2O5	663.0 ug/g (ppm)	Claim

Description: Soil-Driveway Material

Sample No: 14N12067

Soluble Potash	881 ug/g (ppm)	No Claim No Claim
Total Nitrogen	1426 ug/g (ppm)	Claim No Claim
Available Phosphate as P2O5	642.5 ug/g (ppm)	Claim

Manufacturer: A. H. Hoffman Inc., Lancaster, PA

Description: Plant & Schrub Starter

Sample No: 14N05232

Chlorine	7.46 %	9.8 %
Total Nitrogen	5.89 %	5. %
Available Phosphate as P2O5	19.51 %	20. %
Overall Index Value	102 %	100 %
Soluble Potash	9.71 %	10. %
Commercial Value		

Manufacturer: ADM Fertilizer, Minneapolis, MN

Description: 46-0-0

Sample No: 14N04756

Total Nitrogen	46.65 %	46 %
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Description: 0-0-60

Sample No: 14N02273

Soluble Potash	58.91 %	60 %
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Description: 10-34-0

Sample No: 14N05145

Available Phosphate as P2O5	35.06 %	34 %
Commercial Value		
Overall Index Value	104 %	100 %
Total Nitrogen	10.67 %	10 %

Description: 10-50-0

Sample No: 14N02569

Commercial Value

Overall Index Value	103 %	100 %
Available Phosphate as P2O5	50.85 %	50 %
Total Nitrogen	10.93 %	10 %

Description: 11-52-0

Sample No: 14N04356

Available Phosphate as P2O5	52.39 %	52 %
Total Nitrogen	12.58 %	11 %
Overall Index Value	104 %	100 %
Commercial Value		

Description: 18-46-0

Sample No: 14N03342

Total Nitrogen	17.72 %	18 %
Available Phosphate as P2O5	46.61 %	46 %
Commercial Value		
Overall Index Value	100 %	100 %

Sample No: 14N04753

Commercial Value		
Overall Index Value	98.3 %	100 %
Total Nitrogen	17.33 %	18 %
Available Phosphate as P2O5	45.77 %	46 %

Description: 28-0-0

Sample No: 14N05016

Total Nitrogen	28.00 %	28 %
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Description: 46-0-0

Sample No: 14N02564

Total Nitrogen	46.36 %	46 %
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Sample No: 14N03341

Total Nitrogen	46.23 %	46 %
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14N04358

Total Nitrogen	46.89 %	46 %
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14N04881

Total Nitrogen	47.11 %	46 %
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Description: Red Potash

Sample No: 14N02565

Soluble Potash	58.75 %	60 %
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Manufacturer: Ag First , Aurora, SD
Description: 10.19-26.04-26.04

Sample No: 14N03344

Available Phosphate as P2O5	24.47 %	26.04 %	Deficient
Soluble Potash	27.62 %	26.04 %	
Commercial Value			
Overall Index Value	97.9 %	100 %	Deficient

Description:	27.38-28.71-0	Total Nitrogen	9.95 %	10.19 %
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Sample No:	14N03358	Overall Index Value	101 %	100 %
		Available Phosphate as P2O5	28.54 %	28.71 %
		Commercial Value		
		Total Nitrogen	27.76 %	27.38 %

Manufacturer:	Age Old Organics, Mendota, IL
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Description:	Tomato Food
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Sample No:	14N05178	Total Nitrogen	3.02 %	2 %
		Commercial Value		
		Overall Index Value	123 %	100 %
		Soluble Potash	3.51 %	3 %
		Available Phosphate as P2O5	4.160 %	4 %
		Calcium	12.0 %	7 %

Manufacturer:	Agland Coop-Delmont, Delmont, SD
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Description:	0-0-60
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Sample No:	14N02275	Soluble Potash	59.76 %	60 %
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Description:	11-52-0	Available Phosphate as P2O5	51.58 %	52 %
Sample No:	14N02278	Total Nitrogen	11.49 %	11 %
		Commercial Value		
		Overall Index Value	100 %	100 %

Description:	12-40-0-S7-Zn0.5
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Sample No:	14N02277	Overall Index Value	104 %	100 %
		Total Nitrogen	13.47 %	12 %
		Available Phosphate as P2O5	39.98 %	40 %
		Commercial Value		
		Sulfur	7.610 %	7 %
		Zinc	0.522 %	0.5 %

Description:	21-0-0-S24
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Sample No:	14N02280	Sulfur	24.41 %	24 %
		Total Nitrogen	21.48 %	21 %

Description:	46-0-0
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Sample No:	14N02276	Total Nitrogen	46.64 %	46 %
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Sample No:	14N02279	Total Nitrogen	46.64 %	46 %
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Manufacturer: Agra Industries, LLC., Firestone, CO
Description: Fertilizer Dry Bulk
Sample No: 14N02571

Total Nitrogen 46.30 % 46 %

Manufacturer: Agrium Advanced Tech, Loveland, CO
Description: 0-0-0-S16.5-Zn35.5
Sample No: 14N03551

Zinc 36.4 % 35.5 %
Sulfur 17.62 % 16.5 %

Manufacturer: Agrium Advanced Tech, Reese, MI
Description: 0-0-0-B15
Sample No: 14N03552

Boron 14.7 % 15 %

Manufacturer: Agrium, Denver, CO
Description: 0-0-60
Sample No: 14N02939

Soluble Potash 60.00 % 60 %

Description: 44-0-0
Sample No: 14N02573

Total Nitrogen 44.74 % 44 %

Description: ESN 44-00
Sample No: 14N02937

Total Nitrogen 44.84 % 44 %

Manufacturer: Ameropa North America Inc, Tampa, FL
Description: 46-0-0
Sample No: 14N03131

Total Nitrogen 46.32 % 46 %

Manufacturer: Aqrium, Sota Springs, ID
Description: Monoammonium Phosphate MAP 11-52-0
Sample No: 14N11538

Overall Index Value 100 % 100 %
Total Nitrogen 10.79 % 11 %
Available Phosphate as P2O5 52.61 % 52 %
Commercial Value

Manufacturer: Bell Aquaculture, Redkey, IN
Description: Fish Rich Organic Fertilizer
Sample No: 14N05179

Commercial Value
Soluble Potash 2.27 % 2 %

Total Nitrogen	1.89 %	2 %
Available Phosphate as P2O5	3.160 %	2 %
Overall Index Value	119 %	100 %

Manufacturer: Big Green , Mitchell, SD
Description: 7.45-35.23-13.44-0-Zn3.55
Sample No: 14N03335

Overall Index Value (STPB)			
Soluble Potash (STPB)	10.81 %	13.44 %	Deficient
Commercial Value (STPB)			
Available Phosphate as P2O5	37.88 %	35.23 %	
Zinc	3.24 %	3.55 %	
Total Nitrogen	7.89 %	7.45 %	

Description: 7.49-35.44-13.52-0-Zn3.36
Sample No: 14N03337

Soluble Potash (STPB)	11.16 %	13.52 %	Deficient
Available Phosphate as P2O5	35.00 %	35.44 %	
Commercial Value (STPB) Zinc			
	4.69 %	3.36 %	
Overall Index Value (STPB)			
Total Nitrogen	7.94 %	7.49 %	

Description: 7.85-37.13-17.16
Sample No: 14N03328

Available Phosphate as P2O5	39.34 %	37.13 %	
Soluble Potash (STPB)	14.24 %	17.16 %	Deficient
Commercial Value (STPB)			
Overall Index Value (STPB)			
Total Nitrogen	8.88 %	7.85 %	

Manufacturer: Big Sioux, Sioux City, IA
Description: 0-0-60
Sample No: 14N02936

Soluble Potash	60.10 %	60 %
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Manufacturer: Bonide Products Inc, Oriskany, NY
Description: Rose and Flower Plant Food
Sample No: 14N05154

Available Phosphate as P2O5	4.770 %	4 %
Commercial Value		
Overall Index Value	139 %	100 %
Soluble Potash	3.88 %	3 %
Total Nitrogen	4.79 %	3 %

Manufacturer: Borax, Boran, CA
Description: 0-0-0-B14.3
Sample No: 14N03226

Boron	14.9 %	14.3 %
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Manufacturer: Border States Cooperative, Sisseton, SD
Description: 31.76-11.55-5.77-S2.9-Zn.3
Sample No: 14N04388

Sulfur Commercial Value Total	3.030 %		2.9 %
Nitrogen	31.11 %		31.76 %
Available Phosphate as P2O5	12.40 %		11.55 %
Overall Index Value		101 %	100 %
Soluble Potash	7.42 %		5.77 %
Zinc	0.297 %		.3 %

Description: 32.66-9.8-6.53-S2.4-Zn0.2
Sample No: 14N04386

Total Nitrogen	32.74 %		32.66 %
Commercial Value			
Zinc	0.249 %		0.2 %
Overall Index Value	99.5 %		100 %
Available Phosphate as P2O5	9.620 %		9.8 %
Soluble Potash	6.04 %		6.53 %
Sulfur	2.190 %		2.4 %

Manufacturer: Bridgewell Resources, LLC., Clackamas, OK
Description: Pel lime 98G
Sample No: 14N06656

Calcium	38.0 %		38 %
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Manufacturer: Cargill Inc, Parkston, SD
Description: DAP 18-46-0
Sample No: 14N03272

Commercial Value			
Overall Index Value		102 %	100 %
Available Phosphate as P2O5	46.85 %		46 %
Total Nitrogen	18.56 %		18 %

Manufacturer: Castlewood Farmers Elevator, Castlewood, SD
Description: 10.5-0-30-S12

Sample No: 14N04361

Total Nitrogen	10.08 %		10.5 %	
Sulfur	9.137 %			12 % Deficient
Commercial Value				
Overall Index Value	108 %			100 %
Soluble Potash	35.93 %			30 %

Description: 24.98-31.28-0

Sample No: 14N04360

Commercial Value			
Available Phosphate as P2O5	32.74 %		31.28 %
Overall Index Value		105 %	100 %

		Total Nitrogen	26.25 %	24.98 %
Description:	32.71-16.36-2.97			
Sample No:	14N04357			
		Soluble Potash	2.63 %	2.97 %
		Total Nitrogen	33.18 %	32.71 %
		Commercial Value		
		Overall Index Value	102 %	100 %
		Available Phosphate as P2O5	16.90 %	16.36 %
Manufacturer:	Centennial Ag Supply, Kersey, CO			
Description:	17-0-5			
Sample No:	14N06097			
		Overall Index Value	104 %	100 %
		Commercial Value		
		Total Nitrogen	17.87 %	17. %
		Soluble Potash	4.62 %	5. %
Manufacturer:	Central Farmers Coop, Marion, SD			
Description:	0-0-60			
Sample No:	14N02224			
		Soluble Potash	59.26 %	60 %
Description:	10-50-0			
Sample No:	14N02222			
		Total Nitrogen	11.05 %	10 %
		Available Phosphate as P2O5	52.47 %	50 %
		Commercial Value		
		Overall Index Value	106 %	100 %
Description:	21-0-0-S24			
Sample No:	14N02218			
		Total Nitrogen	21.23 %	21 %
		Sulfur	24.13 %	24 %
Description:	28-0-0			
Sample No:	14N03947			
		Total Nitrogen	28.37 %	28 %
Description:	46-0-0			
Sample No:	14N02223			
		Total Nitrogen	46.45 %	46 %
Description:	Cal-Sul-Gypsum-SO4			
Sample No:	14N06657			
		Calcium	21.5 %	21 %
		Sulfur	17.97 %	16 %
Manufacturer:	CF Industries Verdigris, OK Nitro Company, Claremore, OK			
Description:	28-0-0			

Sample No: 14N03775

	Total Nitrogen	28.53 %	28 %
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Manufacturer: CF Industries, Deerfield, IL
Description: 28-0-0

Sample No: 14N03766

	Total Nitrogen	28.56 %	28 %
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Sample No: 14N03768

	Total Nitrogen	28.81 %	28 %
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Sample No: 14N03769

	Total Nitrogen	29.06 %	28 %
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Sample No: 14N03770

	Total Nitrogen	28.70 %	28 %
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Sample No: 14N03771

	Total Nitrogen	28.22 %	28 %
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Sample No: 14N03805

	Total Nitrogen	28.73 %	28 %
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Description: 32-0-0

Sample No: 14N03767

	Total Nitrogen	31.99 %	32 %
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Manufacturer: CF Industries, Port Neal, IA
Description: 28-0-0

Sample No: 14N04755

	Total Nitrogen	27.58 %	28 %
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Manufacturer: CHS - Elkton, Elkton, SD
Description: 30.1-10-10-S2.5

Sample No: 14N04803

	Overall Index Value	101 %	100 %
	Total Nitrogen	30.21 %	30.1 %
	Soluble Potash	10.16 %	10.0 %
	Commercial Value		
	Available Phosphate as P2O5	10.51 %	10.0 %
	Sulfur	2.300 %	2.5 %

Description: 7.3-24.3-24.3-S6.1

Sample No: 14N04799

	Commercial Value		
	Sulfur	5.710 %	6.1 %
	Total Nitrogen	8.10 %	7.3 %
	Soluble Potash	23.20 %	24.3 %
	Overall Index Value	100 %	100 %
	Available Phosphate as P2O5	23.83 %	24.3 %

Manufacturer: CHS - Watertown, Watertown, SD

Description:	0-0-60			
Sample No:	14N03624			
	Soluble Potash	59.14 %	60 %	
Description:	10-34-0			
Sample No:	14N03625			
	Available Phosphate as P2O5	34.17 %	34 %	
	Commercial Value			
	Overall Index Value	101 %	100 %	
	Total Nitrogen	10.27 %	10 %	
Description:	11-52-0			
Sample No:	14N03623			
	Commercial Value			
	Available Phosphate as P2O5	51.75 %	52 %	
	Overall Index Value	101 %	100 %	
	Total Nitrogen	11.58 %	11 %	
Description:	21-0-0-24			
Sample No:	14N03622			
	Total Nitrogen	21.10 %	21 %	
	Sulfur	24.54 %	24 %	
Description:	21-0-0-S24			
Sample No:	14N03783			
	Total Nitrogen	21.25 %	21 %	
	Sulfur	24.26 %	24 %	
Description:	46-0-0			
Sample No:	14N03621			
	Total Nitrogen	46.36 %	46 %	
Sample No:	14N03782			
	Total Nitrogen	45.94 %	46 %	
Description:	Zinc			
Sample No:	14N03626			
	Zinc	37.5 %	No Claim	
Manufacturer:	CHS , Mitchell, SD			
Description:	10.6-35.3-7.1-S8.82-Zn.88			
Sample No:	14N03332			
	Available Phosphate as P2O5	33.80 %	35.3 %	Deficient
	Sulfur Commercial Value	8.530 %	8.82 %	
	Total Nitrogen			
		10.22 %	10.6 %	
	Zinc	0.821 %	0.88 %	
	Overall Index Value	98.2 %	100 %	
	Soluble Potash	9.24 %	7.1 %	
Description:	27.8-13.9-8.3-S3.47			

Commercial Value			
Sulfur	3.150 %		3.47 %
Overall Index Value		103 %	100 %
Zinc	0.356 %		0.35 %
Available Phosphate as P2O5	15.10 %		13.9 %
Soluble Potash	10.86 %		8.3 %
Total Nitrogen	27.33 %		27.8 %

Description: 29-20-0-S5-Zn.5

Sample No: 14N03329

Total Nitrogen	28.21 %		29 %
Overall Index Value		101 %	100 %
Available Phosphate as P2O5	21.76 %		20 %
Commercial Value			
Sulfur	4.635 %		5 %
Zinc	0.524 %		0.5 %

Description: 32.5-12.5-3.8-S3.13-Zn.31

Sample No: 14N03331

Overall Index Value		104 %	100 %
Sulfur	2.810 %		3.13 %
Soluble Potash	5.24 %		3.8 %
Zinc	0.318 %		0.31 %
Total Nitrogen	32.61 %		32.5 %
Available Phosphate as P2O5	14.18 %		12.5 %
Commercial Value			

Description: 38.9-0-0-S6.77

Sample No: 14N03330

Sulfur	7.960 %		6.77 %
Total Nitrogen	38.73 %		38.9 %

Description: 42.9-0-0-S3

Sample No: 14N03327

Sulfur	3.350 %		3 %
Total Nitrogen	42.85 %		42.9 %

Manufacturer: CHS Crop Nutrients, Minneapolis, MN

Description: 0-0-60

Sample No: 14N03343

Soluble Potash	59.04 %		60 %
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Manufacturer: CHS Inc, Inver Grove Heights, MN

Description: 21-0-0-S24

Sample No: 14N03315

Sulfur	24.68 %		24 %
Total Nitrogen	21.76 %		21 %

Description: AMS

Sample No:	14N02624			
		Sulfur	24.55 %	24 %
		Total Nitrogen	21.31 %	21 %

Manufacturer: CHS Inc, Lake Preston, SD
Description: 10-34-0

Sample No:	14N04661			
		Commercial Value Overall		
		Index Value	100 %	100 %
		Total Nitrogen	10.11 %	10 %
		Available Phosphate as P2O5	33.83 %	34 %

Description: 28-0-0

Sample No:	14N04660			
		Total Nitrogen	28.54 %	28 %

Manufacturer: CHS Inc, Ruthton, MN
Description: 46-0-0

Sample No:	14N04804			
		Total Nitrogen	47.05 %	46 %

Manufacturer: CHS Inc, St. Paul, MN
Description: 0-0-60

Sample No:	14N03345			
		Soluble Potash	59.47 %	60 %
Sample No:	14N03777			
		Soluble Potash	59.20 %	60 %

Description: 10-34-0

Sample No:	14N04659			
		Available Phosphate as P2O5	33.92 %	34 %
		Total Nitrogen Commercial	10.38 %	10 %
		Value Overall Index Value		
			101 %	100 %

Description: 11-52-0

Sample No:	14N03340			
		Available Phosphate as P2O5	52.07 %	52 %
		Total Nitrogen	11.64 %	11 %
		Overall Index Value		
		Commercial Value	102 %	100 %

Sample No:	14N03778			
		Commercial Value Total		
		Nitrogen	11.65 %	11 %
		Available Phosphate as P2O5	52.52 %	52 %
		Overall Index Value	102 %	100 %

Sample No:	14N04151			
		Commercial Value		

Available Phosphate as P2O5	52.26 %	52 %
Total Nitrogen	11.09 %	11 %
Overall Index Value	101 %	100 %

Description: 21-0-0-S24

Sample No: 14N02568

Sulfur	24.40 %	24 %
Total Nitrogen	20.86 %	21 %

Sample No: 14N03776

Sulfur	24.00 %	24 %
Total Nitrogen	20.49 %	21 %

Description: 28-0-0

Sample No: 14N05020

Total Nitrogen	28.32 %	28 %
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Description: 46-0-0

Sample No: 14N03339

Total Nitrogen	46.06 %	46 %
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Sample No: 14N03485

Total Nitrogen	46.51 %	46 %
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Sample No: 14N04150

Total Nitrogen	46.50 %	46 %
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Manufacturer: CHS Inc, Winona, MN

Description: 18-46-0

Sample No: 14N04023

Overall Index Value	101 %	100 %
Commercial Value		
Total Nitrogen	17.96 %	18 %
Available Phosphate as P2O5	46.53 %	46 %

Description: Urea

Sample No: 14N04024

Total Nitrogen	45.92 %	46 %
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Manufacturer: CHS Inc., Pine Bend, MN

Description: 10-50-0

Sample No: 14N02911

Available Phosphate as P2O5	48.77 %	50 %	Deficient
Total Nitrogen	10.20 %	10 %	
Overall Index Value	98.6 %	100 %	
Commercial Value			

Description: 46-0-0

Sample No: 14N02910

Total Nitrogen	46.20 %	46 %
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Manufacturer: CHS, Inc., Inver Grove Heights, MN

Description: 28-0-0

Sample No: 14N04802

Total Nitrogen 27.66 % 28 %

Description: 6-12-2

Sample No: 14N03806

Commercial Value
Total Nitrogen 6.65 % 6 %
Soluble Potash 2.21 % 2.0 %
Overall Index Value 107 % 100 %
Available Phosphate as P2O5 12.45 % 12 %
Zinc 1.10 % 1.0 %

Description: 7-23-5

Sample No: 14N04748

Overall Index Value 101 % 100 %
Soluble Potash 4.81 % 5 %
Available Phosphate as P2O5 23.19 % 23 %
Commercial Value
Total Nitrogen 7.25 % 7 %

Manufacturer: CHS, Inc.Eastern Farmers COOP, Worthing, SD

Description: 18-46-0

Sample No: 14N02572

Overall Index Value 100 % 100 %
Available Phosphate as P2O5 46.28 % 46 %
Total Nitrogen 17.93 % 18 %
Commercial Value

Description: AMS 21-0-0-S24

Sample No: 14N12290

Total Nitrogen 21.52 % 21 %
Sulfur 24.10 % 24 %

Description: DAP 18-46-0

Sample No: 14N12291

Commercial Value
Total Nitrogen 17.51 % 18 %
Overall Index Value 98.7 % 100 %
Available Phosphate as P2O5 45.81 % 46 %

Manufacturer: CHS, Watertown, SD

Description: 29-12-5

Sample No: 14N04950

Overall Index Value (STPB)
Commercial Value (STPB)
Soluble Potash 4.29 % 5 % Deficient
Soluble Potash (STPB) 4.705 % 5 %
Total Nitrogen 28.19 % 29 %

		Available Phosphate as P2O5	15.85 %		12 %	
Description:	0-0-60					
Sample No:	14N02656					
		Soluble Potash (STPB)	57.86 %		60 %	Deficient
Sample No:	14N03064					
		Soluble Potash	58.61 %		60 %	
Sample No:	14N04355					
		Soluble Potash	59.23 %		60 %	
Description:	11-52-0					
Sample No:	14N02654					
		Commercial Value				
		Available Phosphate as P2O5	51.74 %		52 %	
		Overall Index Value		101 %	100 %	
		Total Nitrogen	11.41 %		11 %	
Sample No:	14N03063					
		Total Nitrogen	11.66 %		11 %	
		Available Phosphate as P2O5	51.79 %		52 %	
		Overall Index Value		101 %	100 %	
Sample No:	14N03065					
		Commercial Value				
		Available Phosphate as P2O5	51.97 %		52 %	
		Total Nitrogen	11.57 %		11 %	
		Overall Index Value		101 %	100 %	
Description:	21-0-0-S24					
Sample No:	14N02657					
		Total Nitrogen	21.53 %		21 %	
		Sulfur	24.78 %		24 %	
Sample No:	14N02913					
		Total Nitrogen	21.86 %		21 %	
		Sulfur	24.32 %		24 %	
Sample No:	14N04385					
		Total Nitrogen	21.10 %		21 %	
		Sulfur	24.86 %		24 %	
Description:	46-0-0					
Sample No:	14N02653					
		Total Nitrogen	46.13 %		46 %	
Sample No:	14N02655					
		Total Nitrogen	46.61 %		46 %	
Sample No:	14N02912					
		Total Nitrogen	46.46 %		46 %	
Sample No:	14N03060					
		Total Nitrogen	46.65 %		46 %	

Sample No: 14N03062
 Total Nitrogen 46.90 % 46 %

Description: Straight Fertilizer

Sample No: 14N06658
 Sample Cancelled No Claim

Manufacturer: CHS, Wausa, NE

Description: 10-34-0

Sample No: 14N03804
 Available Phosphate as P2O5 34.11 % 34 %
 Overall Index Value 102 % 100 %
 Total Nitrogen 10.45 % 10 %
 Commercial Value

Manufacturer: CHS/Farmers Plant Food, Wolsey, SD

Description: 11-52-0

Sample No: 14N10464
 Commercial Value
 Overall Index Value 102 % 100 %
 Available Phosphate as P2O5 52.62 % 52 %
 Total Nitrogen 11.31 % 11 %

Manufacturer: Clark Community Oil, Clark, SD

Description: 6.04-28.54-27.07

Sample No: 14N03597
 Available Phosphate as P2O5 23.83 % 28.54 % Deficient
 Commercial Value
 Overall Index Value 94.6 % 100 % Deficient
 Soluble Potash 29.12 % 27.07 %
 Total Nitrogen 6.66 % 6.04 %

Manufacturer: Clark County Farmers Elevator, Clark, SD

Description: 29.22-14.0-6.52-S3.13

Sample No: 14N04353
 Soluble Potash 6.93 % 6.52 %
 Sulfur 3.110 % 3.13 %
 Overall Index Value 103 % 100 %
 Available Phosphate as P2O5 13.71 % 14.0 %
 Commercial Value
 Total Nitrogen 30.59 % 29.22 %

Description: 35.14-16.1-0

Sample No: 14N04348
 Overall Index Value 108 % 100 %
 Commercial Value
 Available Phosphate as P2O5 21.68 % 16.1 %
 Total Nitrogen 34.92 % 35.14 %

Description:	37.16-7.7-0-S4		
Sample No:	14N04349		
	Total Nitrogen	36.32 %	37.16 %
	Sulfur Commercial Value	5.485 %	4 %
	Overall Index Value	101 %	100 %
	Available Phosphate as P2O5	9.560 %	7.7 %

Manufacturer:	Consumers Supply, North Sioux City, SD		
Description:	46-0-0		
Sample No:	14N03009		
	Total Nitrogen	46.78 %	46 %

Manufacturer:	Coop Farmers Inc, Tyndall, SD		
Description:	46-0-0		
Sample No:	14N03255		
	Total Nitrogen	46.48 %	46 %

Description:	DAP 18-46-0		
Sample No:	14N03254		
	Overall Index Value	100 %	100 %
	Commercial Value		
	Total Nitrogen	18.19 %	18 %
	Available Phosphate as P2O5	46.01 %	46 %

Description:	MAP 11-52-0		
Sample No:	14N03253		
	Overall Index Value	101 %	100 %
	Available Phosphate as P2O5	52.12 %	52 %
	Total Nitrogen	11.52 %	11 %
	Commercial Value		

Manufacturer:	Cooperative Farmers Inc., Scotland, SD		
Description:	0-0-0-Zn35		
Sample No:	14N03224		
	Zinc	36.2 %	35 %

Description:	0-0-60		
Sample No:	14N03223		
	Soluble Potash	59.17 %	60 %

Description:	Sulfur		
Sample No:	14N03225		
	Sulfur	89.72 %	90 %

Manufacturer:	Country Pride Coop, Dante, SD		
Description:	0-0-60		
Sample No:	14N02615		
	Soluble Potash	59.35 %	60 %

Description:	11-52-0				
Sample No:	14N02616				
	Available Phosphate as P2O5	52.83 %		52 %	
	Overall Index Value		102 %	100 %	
	Commercial Value Total Nitrogen	11.19 %		11 %	
Description:	21-0-0-S24				
Sample No:	14N02617				
	Total Nitrogen	21.24 %		21 %	
	Sulfur	24.84 %		24 %	
Description:	44-0-0				
Sample No:	14N02618				
	Total Nitrogen	45.07 %		44 %	
Description:	46-0-0				
Sample No:	14N02619				
	Total Nitrogen	46.26 %		46 %	
Manufacturer:	Country Pride Coop, Fairfax, SD				
Description:	25-25-0-S3.8-Zn.4				
Sample No:	14N03373				
	Commercial Value Zinc			0.4 %	
	Total Nitrogen	25.70 %		25 %	
	Available Phosphate as P2O5	24.32 %		25 %	
	Overall Index Value		101 %	100 %	
	Sulfur	5.170 %		3.8 %	
Description:	29-15-5-S2.6-Zn0.4				
Sample No:	14N03371				
	Zinc	0.331 %		0.4 %	Deficient
	Total Nitrogen	28.33 %		29 %	
	Available Phosphate as P2O5	16.65 %		15 %	
	Overall Index Value		101 %	100 %	
	Soluble Potash	5.49 %		5 %	
	Commercial Value Sulfur	2.790 %		2.6 %	
Description:	31-17-0-S2.4-Zn.3				
Sample No:	14N03372				
	Commercial Value Sulfur	3.370 %		2.4 %	
	Total Nitrogen	30.48 %		31 %	
	Available Phosphate as P2O5	18.75 %		17 %	
	Overall Index Value		102 %	100 %	
	Zinc	0.284 %		0.3 %	
Description:	31-8-7-S3.8				

Sample No: 14N03375

Available Phosphate as P2O5	9.470 %	8 %
Total Nitrogen	31.17 %	31 %
Soluble Potash	7.55 %	7 %
Commercial Value		
Sulfur	3.800 %	3.8 %
Overall Index Value	103 %	100 %

Description: 33-13-S3.4

Sample No: 14N03374

Available Phosphate as P2O5	14.25 %	13 %
Sulfur	5.070 %	3.4 %
Overall Index Value	103 %	100 %
Commercial Value Total		
Nitrogen	33.56 %	33 %

Manufacturer: Country Pride Coop, Freeman, SD

Description: 34-9.9-9

Sample No: 14N02570

Total Nitrogen	34.15 %	34 %
Soluble Potash	10.54 %	9 %
Available Phosphate as P2O5	10.29 %	9.9 %
Overall Index Value	102 %	100 %
Commercial Value		

Manufacturer: Country Pride Co-op, Wagner, SD

Description: 0-0-60

Sample No: 14N02610

Soluble Potash	59.03 %	60 %
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Description: 11-52-0

Sample No: 14N02612

Overall Index Value	101 %	100 %
Total Nitrogen	11.29 %	11 %
Commercial Value		
Available Phosphate as P2O5	52.38 %	52 %

Sample No: 14N02613

Commercial Value		
Total Nitrogen	12.07 %	11 %
Available Phosphate as P2O5	48.75 %	52 %
Overall Index Value	97.6 %	100 %
		Deficient
		Deficient

Description: 21-0-0-S24

Sample No: 14N02614

Sulfur	24.71 %	24 %
Total Nitrogen	21.22 %	21 %

Description: 46-0-0

Sample No: 14N02611

Total Nitrogen 46.27 % 46 %

Manufacturer: Country Pride Coop, Winner, SD

Description: 15-0-32-S9.5

Sample No: 14N02890

Commercial Value
Overall Index Value 109 % 100 %
Available Phosphate as P2O5 35.63 % 32 %
Sulfur 8.860 % 9.5 %
Total Nitrogen 15.68 % 15 %

Description: 40-0-0-S5.3

Sample No: 14N02891

Total Nitrogen 41.30 % 40 %
Sulfur 6.350 % 5.3 %

Manufacturer: Dakota Ag Coop, Kindred, ND

Description: 0-0-60

Sample No: 14N03526

Soluble Potash 60.57 % 60 %

Description: 11-52-0

Sample No: 14N03528

Available Phosphate as P2O5 51.96 % 52 %
Commercial Value
Overall Index Value 109 % 100 %
Total Nitrogen 15.20 % 11 %

Description: 46-0-0

Sample No: 14N03527

Total Nitrogen 46.03 % 46 %

Manufacturer: Dakota Ag Cooperative, Claire City, SD

Description: 12-40-0-10S-1Z

Sample No: 14N03525

Overall Index Value 102 % 100 %
Commercial Value
Total Nitrogen 12.40 % 12 %
Available Phosphate as P2O5 40.31 % 40 %
Zinc 0.960 % 1 %
Sulfur 9.660 % 10 %

Manufacturer: Dakota Gasification Company, Beulah, ND

Description: 21-0-0-S24

Sample No: 14N03296

Sulfur 24.63 % 24 %
Total Nitrogen 21.53 % 21 %

Manufacturer: Dakota Mill & Grain, Ft. Pierre, SD

Description:	12-40-0-S6.55-Zn1			
Sample No:	14N03842			
	Sample Cancelled		No Claim	
Description:	46-0-0			
Sample No:	14N03843			
	Total Nitrogen	46.60 %	46 %	
Manufacturer:	Dakota Mill & Grain, Midland, SD			
Description:	11-52-0			
Sample No:	14N02372			
	Available Phosphate as P2O5	50.14 %	52 %	Deficient
	Commercial Value			
	Overall Index Value	96.8 %	100 %	Deficient
	Total Nitrogen	10.76 %	11 %	
Description:	12-40-0-S6.5-Zn1			
Sample No:	14N02373			
	Overall Index Value		102 %	100 %
	Available Phosphate as P2O5	40.25 %		40 %
	Sulfur Commercial	6.740 %	6.5 %	
	Value Total			
	Nitrogen	12.46 %		12 %
	Zinc	1.13 %		1 %
Description:	46-0-0			
Sample No:	14N02371			
	Total Nitrogen	46.31 %	46 %	
Manufacturer:	Dakota Mill & Grain, Wall, SD			
Description:	11-52-0			
Sample No:	14N05534			
	Commercial Value			
	Overall Index Value		104 %	100 %
	Total Nitrogen	12.23 %		11 %
	Available Phosphate as P2O5	52.68 %		52 %
Description:	46-0-0			
Sample No:	14N05535			
	Total Nitrogen	47.64 %	46 %	
Manufacturer:	Dakota Mill and Grain, Wall, SD			
Description:	28-0-0			
Sample No:	14N05532			
	Total Nitrogen	29.13 %	28 %	
Manufacturer:	Dell Rapids Coop Grain, Dell Rapids, SD			
Description:	28.3-9.16-13.32-S3.329			
Sample No:	14N04022			

Soluble Potash	12.55 %	13.32 %	
Sulfur	2.267 %	3.329 %	Deficient
Available Phosphate as P2O5	8.950 %	9.16 %	
Total Nitrogen	30.77 %	28.3 %	
Commercial Value			

Manufacturer: Deuel County Farmers Union Oil Co, Toronto, SD
Description: 32.8-19.7-0

Sample No: 14N03789

Commercial Value			
Available Phosphate as P2O5	21.95 %	19.7 %	
Total Nitrogen	33.01 %	32.8 %	
Overall Index Value		104 %	100 %

Description: 9.4-24.4-19.6-S4.9

Sample No: 14N03790

Available Phosphate as P2O5	28.27 %	24.4 %	
Overall Index Value		109 %	100 %
Total Nitrogen	10.10 %	9.4 %	
Commercial Value			
Sulfur	5.240 %	4.9 %	
Soluble Potash	18.93 %	19.6 %	

Manufacturer: Duel County Cenex, Toronto, SD
Description: 30.9-6.2-10.6-S2.7

Sample No: 14N03784

Available Phosphate as P2O5	6.080 %	6.2 %	
Sulfur	3.410 %	2.7 %	
Commercial Value			
Overall Index Value	99.9 %	100 %	
Soluble Potash	10.77 %	10.6 %	
Total Nitrogen	30.88 %	30.9 %	

Manufacturer: Eastern Farmers Coop, Worthing, SD
Description: 11-52-0

Sample No: 14N03798

Commercial Value			
Overall Index Value	99.9 %	100 %	
Total Nitrogen	11.14 %	11 %	
Available Phosphate as P2O5	51.69 %	52 %	

Description: 21-0-0-S24

Sample No: 14N03800

Sulfur	20.85 %	24 %	Deficient
Total Nitrogen	17.52 %	21 %	Deficient

Description: 24.14-9.98-14.00-S2.75-Zn1.18

Sample No: 14N03797

Commercial Value		
Sulfur	3.550 %	2.75 %
Soluble Potash	13.84 %	14 %
Zinc	1.42 %	1.18 %
Available Phosphate as P2O5	11.19 %	9.98 %
Total Nitrogen	23.67 %	24.14 %

Description: 26.24-15.37-6.31-S3.48-Zn.71

Sample No: 14N03796

Total Nitrogen	25.58 %	26.24 %
Available Phosphate as P2O5	17.87 %	15.37 %
Overall Index Value	103 %	100 %
Commercial Value Sulfur	4.700 %	3.48 %
Soluble Potash	7.14 %	6.31 %
Zinc	0.951 %	0.71 %

Description: 46-0-0

Sample No: 14N03799

Total Nitrogen	46.44 %	46 %
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Manufacturer: Easy Gardener, Inc., Waco, TX

Description: 12-0-0

Sample No: 14N05263

Total Nitrogen	15.96 %	12 %
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Description: Evergreen Tree Spikes

Sample No: 14N04948

Total Nitrogen	16.35 %	11 %
Commercial Value		
Overall Index Value	144 %	100 %
Available Phosphate as P2O5	3.510 %	3 %
Soluble Potash	5.86 %	4 %
Chlorine	2.52 %	4 %

Description: Fertilizer Spikes

Sample No: 14N02892

Available Phosphate as P2O5	5.870 %	4 %
Total Nitrogen	14.83 %	13 %
Overall Index Value	125 %	100 %
Soluble Potash	8.51 %	5 %
Commercial Value		

Description: Jobes Fertilizer spikes

Sample No: 14N14622

Overall Index Value	119 %	100 %
Commercial Value		
Soluble Potash	3.42 %	3 %
Chlorine	2.67 %	3 %

Available Phosphate as P2O5	3.330 %	3 %
Total Nitrogen	18.14 %	15 %

Description: Jobe's Fertilizer Spikes 13-4-5

Sample No: 14N11681

Commercial Value		
Overall Index Value	123 %	100 %
Available Phosphate as P2O5	5.680 %	4. %
Total Nitrogen	15.34 %	13. %
Soluble Potash	6.34 %	5. %

Description: Rose and Flower Water Soluble Plant Food

Sample No: 14N05151

Overall Index Value	120 %	100 %
Commercial Value		
Soluble Potash	3.65 %	3 %
Total Nitrogen	3.60 %	3 %

Manufacturer: Eau Claire Coop Oil Co, Eau Claire, WI

Description: 24-0-4

Sample No: 14N05143

Total Nitrogen	25.45 %	24 %
Commercial Value		
Soluble Potash	4.70 %	4 %
Overall Index Value	107 %	100 %
Iron	1.70 ug/g (ppm)	1.2 %

Description: 24-4-0-Fe1

Sample No: 14N02524

Overall Index Value	89.1 %	100 %	Deficient
Commercial Value			
Total Nitrogen	21.04 %	24 %	Deficient
Iron	1.63 ug/g (ppm)	1.0 %	
Soluble Potash	4.58 %	4.0 %	

Description: Starter Fertilizer & Lawn Revitalizer

Sample No: 14N05540

Available Phosphate as P2O5	23.37 %	24. %
Total Nitrogen	12.80 %	12. %
Commercial Value		
Overall Index Value	101 %	100 %
Soluble Potash	6.03 %	6.0 %

Manufacturer: Eau Claire Co-op Oil Co., Eau Claire, WI

Description: 26-0-4

Sample No: 14N04041

Commercial Value			
Total Nitrogen	23.20 %	26 %	Deficient
Soluble Potash	3.74 %	4 %	

Overall Index Value 89.4 % 100 % Deficient

Manufacturer: Estelline Coop Grain, Estelline, SD
Description: 21-0-0-27

Sample No: 14N03781
Sample Cancelled No Claim

Manufacturer: Farm Country Coop, Florence, SD
Description: 22-22-13

Sample No: 14N03596
Available Phosphate as P2O5 25.97 % 22 %
Total Nitrogen 16.50 % 22 % Deficient
Commercial Value
Soluble Potash 15.70 % 13 %
Overall Index Value 95.2 % 100 % Deficient

Description: 9-44-9

Sample No: 14N03595
Available Phosphate as P2O5 39.57 % 44 % Deficient
Total Nitrogen 10.58 % 9 %
Overall Index Value 100 % 100 %
Soluble Potash 13.58 % 9 %
Commercial Value

Manufacturer: Farmers Ag Center LLC, Madison, SD
Description: 0-0-60

Sample No: 14N04882
Soluble Potash 59.45 % 60 %

Description: 11-52-0

Sample No: 14N04883
Total Nitrogen 11.45 % 11 %
Available Phosphate as P2O5 53.75 % 52 %
Overall Index Value 104 % 100 %
Commercial Value

Description: 21-0-0

Sample No: 14N03788
Total Nitrogen 20.72 % 21 %

Description: 21-0-0-S24

Sample No: 14N03333
Sulfur 24.38 % 24 %
Total Nitrogen 20.93 % 21 %

Sample No: 14N03493
Sulfur 23.98 % 24 %
Total Nitrogen 20.69 % 21 %

Description: 28.2-12.5-9.5-S3.11

Sample No: 14N02551

Commercial Value (STPB)			
Available Phosphate as P2O5	18.87 %	12.5 %	
Overall Index Value (STPB)			
Sulfur	4.250 %	3.11 %	
Soluble Potash (STPB)	7.500 %	9.5 %	Deficient
Total Nitrogen	26.15 %	28.2 %	Deficient

Manufacturer: Farmers Ag Center, Madison, SD

Description: CamRidge Colony Fertilizer

Sample No: 14N12392

Soluble Potash	17.54 %	14.25 %	
Sulfur	5.073 %	5.7 %	Deficient
Overall Index Value		104 %	100 %
Commercial Value			
Total Nitrogen	13.48 %	13.9 %	
Available Phosphate as P2O5	24.69 %	23.76 %	
Zinc	0.467 %	0.95 %	Deficient

Manufacturer: Farmers Alliance (Storla), Letcher, SD

Description: 39-10.4-0

Sample No: 14N02552

Total Nitrogen	34.21 %	39 %	Deficient
Available Phosphate as P2O5	17.89 %	10.4 %	
Commercial Value			
Overall Index Value		100 %	100 %

Manufacturer: Farmers Alliance, Mitchell, SD

Description: 0-0-60

Sample No: 14N02547

Soluble Potash	59.27 %	60 %	
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Description: 11-52-0

Sample No: 14N02377

Available Phosphate as P2O5	52.23 %	52 %	
Commercial Value			
Total Nitrogen	11.29 %	11 %	
Overall Index Value		101 %	100 %

Sample No: 14N02549

Total Nitrogen	11.20 %	11 %	
Overall Index Value		102 %	100 %
Commercial Value			
Available Phosphate as P2O5	52.77 %	52 %	

Description: 12-40-0-S10-Zn1

Sample No: 14N02548

Commercial Value			
Overall Index Value		100 %	100 %

Total Nitrogen	12.13 %	12 %
Available Phosphate as P2O5	40.02 %	40 %
Sulfur	9.600 %	10 %
Zinc	0.912 %	1 %

Description: 21-0-0-S24

Sample No: 14N02550

Sulfur	23.98 %	24 %
Total Nitrogen	20.82 %	21 %

Description: 46-0-0

Sample No: 14N02546

Total Nitrogen	46.59 %	46 %
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Description: MESZ

Sample No: 14N02623

Total Nitrogen	12.21 %	12 %
Zinc	0.978 %	1 %
Available Phosphate as P2O5	39.28 %	40 %
Overall Index Value	99.3 %	100 %
Commercial Value		
Sulfur	10.57 %	10 %

Manufacturer: Farmers Alliance, White Lake, SD

Description: 46-0-0

Sample No: 14N02625

Total Nitrogen	46.38 %	46 %
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Manufacturer: Farmers Coop Elevator, Avon, SD

Description: 0-0-60

Sample No: 14N03234

Soluble Potash	60.28 %	60 %
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Description: 18-46-0

Sample No: 14N03232

Overall Index Value	101 %	100 %
Available Phosphate as P2O5	46.93 %	46 %
Total Nitrogen	17.74 %	18 %
Commercial Value		

Description: 24.63-24.53-8.4

Sample No: 14N03237

Available Phosphate as P2O5	23.81 %	24.53 %	
Commercial Value			
Total Nitrogen	22.90 %	24.63 %	Deficient
Overall Index Value	98.0 %	100 %	Deficient
Soluble Potash	12.36 %	8.4 %	

Description: 46-0-0

Sample No: 14N03235

		Total Nitrogen	34.73 %	46 %	Deficient
Description:	MAP 11-52-0				
Sample No:	14N03233				
		Available Phosphate as P2O5	52.14 %	52 %	
		Commercial Value			
		Total Nitrogen	11.99 %	11 %	
		Overall Index Value	102 %	100 %	
Manufacturer:	Farmers Elevator Co , Platte, SD				
Description:	11-52-0				
Sample No:	14N02270				
		Available Phosphate as P2O5	51.44 %	52 %	
		Commercial Value			
		Total Nitrogen	11.03 %	11 %	
		Overall Index Value	99.2 %	100 %	
Description:	46-0-0				
Sample No:	14N02269				
		Total Nitrogen	46.51 %	46 %	
Manufacturer:	Farmers Elevator Company, Rock Valley, IA				
Description:	32-0-0				
Sample No:	14N03132				
Total Nitrogen			32.20 %	32 %	
Manufacturer:	Farmers Elevator Compt, Humboldt, SD				
Description:	7.75-36.3-11.5-S6.9-Zn0.9				
Sample No:	14N14421				
		Commercial Value			
		Overall Index Value	100 %	100 %	
		Soluble Potash	11.37 %	11.5 %	
		Zinc	0.983 %	0.9 %	
		Sulfur	7.530 %	6.9 %	
		Available Phosphate as P2O5	36.39 %	36.6 %	
		Total Nitrogen	8.01 %	7.75 %	
Manufacturer:	Farmers Elevator Coop, Doon, IA				
Description:	32-0-0				
Sample No:	14N03948				
		Total Nitrogen	32.16 %	32 %	
Manufacturer:	Free Flow Fertilizer / Andersons Lawn Fert Div Inc, Maumee, OH				
Description:	Crabgrass Preventor				
Sample No:	14N05598				
		Commercial Value			
		Total Nitrogen	28.55 %	27 %	
		Soluble Potash	5.02 %	5 %	
		Overall Index Value	105 %	100 %	

Description:	24-0-12			
Sample No:	14N05467			
	Commercial Value (STPB)			
	Iron	2.54 ug/g (ppm)	2.0 %	
	Total Nitrogen	24.77 %	24. %	
	Soluble Potash	10.53 %	12. %	Deficient
	Overall Index Value (STPB)			
	Soluble Potash (STPB)	10.93 %	12. %	Deficient

Manufacturer:	FreMar LLC, Marion, SD			
Description:	24-17-10-S2.5			

Sample No:	14N02563			
	Sulfur	3.900 %	2.5 %	
	Soluble Potash	9.30 %	10 %	
	Total Nitrogen	23.58 %	24 %	
	Overall Index Value	100 %	100 %	
	Commercial Value			
	Available Phosphate as P2O5	17.99 %	17 %	

Manufacturer:	Frontier Fertilizer, Johnstown, CO			
Description:	46-0-0			

Sample No:	14N03258			
	Total Nitrogen	46.51 %	46 %	

Manufacturer:	Full Circle Ag, Pierpont, SD			
Description:	11-52-0			

Sample No:	14N03051			
	Available Phosphate as P2O5	52.12 %	52 %	
	Overall Index Value	133 %	100 %	
	Total Nitrogen	11.40 %	11 %	
	Commercial Value			

Manufacturer:	Full Circle Ag/4 Seasons Coop, Hecla, SD			
Description:	0-0-60			

Sample No:	14N03052			
	Soluble Potash	59.42 %	60 %	

Description:	21-0-0-S24			
Sample No:	14N03053			

	Sulfur	24.74 %	24 %	
	Total Nitrogen	21.11 %	21 %	

Description:	31.05-14.94-4.14-S1.65			
Sample No:	14N03049			

	Commercial Value			
	Soluble Potash	7.02 %	4.14 %	
	Available Phosphate as P2O5	17.76 %	14.94 %	
	Total Nitrogen	28.38 %	31.05 %	Deficient

Sulfur	1.800 %	1.655 %
Overall Index Value	100 %	100 %

Description:	Fertilizer Bulk Urea
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Sample No:	14N03050	Total Nitrogen	46.83 %	46 %
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Manufacturer:	FUOC, Bryant, SD
Description:	33.9-7.1-5.7-S2.5

Sample No:	14N03698	Sample Cancelled	No Claim
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Description:	8.8-41.6-12
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Sample No:	14N03699	Sample Cancelled	No Claim
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Manufacturer:	Gavilon Fertilizer LLC, East Peoria, IL
Description:	AMS 21-0-0-S24

Sample No:	14N03268	Total Nitrogen	21.59 %	21 %
		Sulfur	24.08 %	24 %

Manufacturer:	Gavilon Fertilizer, Catoosa, OK
Description:	46-0-0

Sample No:	14N03269	Total Nitrogen	46.58 %	46 %
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Sample No:	14N03334	Total Nitrogen	46.02 %	46 %
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Manufacturer:	Gavilon Fertilizer, LLC., Savannah, GA
Description:	Urea 46-0-0

Sample No:	14N12289	Total Nitrogen	46.45 %	No Claim
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Manufacturer:	Gavilon Fertilizer, Savannah, GA
Description:	11-52-0

Sample No:	14N05182	Total Nitrogen	11.43 %	11 %
		Available Phosphate as P2O5	53.52 %	52 %
		Commercial Value		
		Overall Index Value	103 %	100 %

Manufacturer:	Geddes Farmers Coop, Geddes, SD
Description:	11-52-0

Sample No:	14N02274	Commercial Value		
		Total Nitrogen	11.70 %	11 %
		Available Phosphate as P2O5	52.74 %	52 %
		Overall Index Value	103 %	100 %

Description:	21-0-0-S24			
Sample No:	14N02272			
	Total Nitrogen	25.18 %	21 %	
	Sulfur	20.54 %	24 %	Deficient
Description:	46-0-0			
Sample No:	14N02271			
	Total Nitrogen	45.56 %	46 %	
Manufacturer:	Great Salt Lake Minerals Corp, Ogden, UT			
Description:	0-0-50			
Sample No:	14N03259			
	Soluble Potash	49.67 %	50 %	
Manufacturer:	Gro Tec Inc, Covington, GA			
Description:	Weed and Feed			
Sample No:	14N02895			
	Overall Index Value	96.1 %	100 %	Deficient
	Commercial Value			
	Soluble Potash	5.72 %	6 %	
	Total Nitrogen	11.55 %	12 %	
Manufacturer:	Gro Tec, Inc, Madison, GA			
Description:	All Purpose Fertilizer 10-10-10			
Sample No:	14N01673			
	Commercial Value			
	Overall Index Value	102 %	100 %	
	Soluble Potash	10.08 %	10.0 %	
	Available Phosphate as P2O5	10.19 %	10.0 %	
	Total Nitrogen	10.15 %	10.0 %	
Description:	10-10-10			
Sample No:	14N02896			
	Commercial Value (STPB)			
	Overall Index Value (STPB)			Deficient
	Available Phosphate as P2O5	7.843 %	10 %	Deficient
	Total Nitrogen	9.53 %	10 %	
	Soluble Potash (STPB)	8.240 %	10 %	Deficient
Description:	Lawn Starter Fertilizer			
Sample No:	14N01670			
	Available Phosphate as P2O5	21.44 %	24.0 %	Deficient
	Soluble Potash (STPB)	5.615 %	6.0 %	
	Commercial Value (STPB)			
	Iron	0.495 ug/g (ppm)	.25 %	
	Overall Index Value (STPB)			Deficient
	Zinc	0.437 %	.10 %	
	Manganese, Acid Soluble	0.172 %	.10 %	

Total Nitrogen 16.81 % 18 % Deficient

Manufacturer: Hartford Farmers Elevator, Hartford, SD
Description: 11.81-17.29-23.05-S5.762

Sample No: 14N03271

Total Nitrogen 12.73 % 11.81 %
Available Phosphate as P2O5 23.14 % 17.29 %
Sulfur Commercial 6.570 % 5.76 %
Value Soluble
Potash 22.88 % 23.05 %
Overall Index Value 114 % 100 %

Description: 38.07-0-0-S7.614

Sample No: 14N03270

Total Nitrogen 37.56 % 38.07 %
Sulfur 8.540 % 7.614 %

Manufacturer: Helena Chem Co, Clear Lake, SD
Description: 10.19-48.15-0

Sample No: 14N05181

Commercial Value
Overall Index Value 104 % 100 %
Available Phosphate as P2O5 48.89 % 48.15 %
Total Nitrogen 11.45 % 10.19 %

Manufacturer: Helena Chem. Co., Marshall, MN
Description: Fertilink DG-A

Sample No: 14N05002

Sample Cancelled No Claim

Manufacturer: Helena Chemical Co, Collierville, TN
Description: 25-0-0

Sample No: 14N05146

Total Nitrogen 25.93 % 25. %

Description: 8-24-0

Sample No: 14N04746

Available Phosphate as P2O5 24.13 % 24 %
Commercial Value
Total Nitrogen 8.32 % 8 %
Overall Index Value 102 % 100 %

Description: 8-24-4

Sample No: 14N05184

Overall Index Value (STPB)
Soluble Potash 3.30 % 4 % Deficient
Commercial Value (STPB)
Total Nitrogen 8.75 % 8 %
Soluble Potash (STPB) 3.403 % 4 % Deficient

Available Phosphate as P2O5 23.86 % 24 %

Description: Fertilink DG-A

Sample No: 14N05851

Sample Cancelled No Claim

Description: Granular Adjuvant

Sample No: 14N02234

Sample Cancelled No Claim

Manufacturer: Helena Chemical Co, Marshall, MN

Description: Zinc

Sample No: 14N05001

Total Nitrogen 1.75 % 1 %

Zinc 38.1 % 40 % Deficient

Manufacturer: Helena Chemical Co., Madison, SD

Description: 28-0-0

Sample No: 14N05183

Total Nitrogen 23.36 % 28 % Deficient

Manufacturer: Howard Johnsons Ent Inc., Franklin, WI

Description: HJ All Season All Purpose

Sample No: 14N05259

Total Nitrogen 9.62 % 10 %

Available Phosphate as P2O5 9.350 % 10 %

Commercial Value

Overall Index Value 95.9 % 100 % Deficient

Soluble Potash 9.97 % 10 %

Manufacturer: Infinity Fertilizers, Milan, IL

Description: Plant Food

Sample No: 14N05267

Commercial Value

Available Phosphate as P2O5 16.02 % 15 %

Iron 0.131 ug/g (ppm) 0.10 %

Overall Index Value 106 % 100 %

Total Nitrogen 10.76 % 10 %

Soluble Potash 10.07 % 10 %

Description: 28-0-4

Sample No: 14N05260

Soluble Potash 4.94 % 4 %

Commercial Value

Overall Index Value 100 % 100 %

Total Nitrogen 27.81 % 28 %

Description: Organic Plant Food

Sample No: 14N03900

Commercial Value				
Soluble Potash	3.95 %		4 %	
Available Phosphate as P2O5	4.564 %		6 %	Deficient
Total Nitrogen	3.91 %		4 %	
Calcium	4.20 %		4. %	
Overall Index Value	88.6 %		100 %	Deficient

Description: Plant Food
Sample No: 14N03898

Overall Index Value		106 %	100 %	
Soluble Potash	3.26 %		3. %	
Commercial Value				
Available Phosphate as P2O5	4.810 %		5. %	
Calcium	4.11 %		9.0 %	Deficient
Total Nitrogen	5.62 %		5. %	

Sample No: 14N04946

Available Phosphate as P2O5	15.93 %		15 %	
Overall Index Value		104 %	100 %	
Soluble Potash	9.85 %		10 %	
Commercial Value				
Total Nitrogen	10.36 %		10 %	

Description: Sta-Green Lawn Fertilizer
Sample No: 14N05254

Soluble Potash	6.66 %		5 %	
Commercial Value				
Overall Index Value	91.7 %		100 %	Deficient
Total Nitrogen	25.89 %		29 %	Deficient

Manufacturer: Interoceanic Corporation, New York, NY
Description: AMS 21-0-0-S24
Sample No: 14N02940

Sulfur	24.56 %		24 %	
Total Nitrogen	22.35 %		21 %	

Manufacturer: Intrepid Potash New Mexico LLC, Carlsbad, NM
Description: 0-0-60
Sample No: 14N04800

Soluble Potash 60.12 % 60 %

Manufacturer: JR Peters Inc, Allentown, PA
Description: Blossom Booster 10-30-20

Sample No: 14N05153

Total Nitrogen	11.57 %		10 %	
Overall Index Value		109 %	100 %	
Commercial Value				
Manganese, Acid Soluble	0.0605 %		0.05 %	
Soluble Potash	21.54 %		20 %	

Zinc	0.0564 %	0.05 %
Iron	0.132 ug/g (ppm)	0.10 %
Available Phosphate as P2O5	31.78 %	30 %
Magnesium, Acid Soluble	0.475 %	0.50 %
Copper	0.0542 ug/g (ppm)	0.05 %
Magnesium, Water Soluble	0.532 %	0.50 %

Manufacturer: JR Simplot Co, Boise, ID
Description: 11-52-0
Sample No: 14N02938

Overall Index Value	103 %	100 %
Total Nitrogen	12.14 %	11 %
Available Phosphate as P2O5	52.48 %	52 %
Commercial Value		

Manufacturer: Kaup Foragae & Turf, Norfolk, NE
Description: Grass Seed
Sample No: 14N02652

Sample Cancelled

No Claim

Manufacturer: Kinder Morgan Dakota, South St Paul, MN
Description: 46-0-0
Sample No: 14N03785

Total Nitrogen	46.22 %	46 %
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Manufacturer: Knox Fertilizer Co, Knox, IN
Description: 10-10-10
Sample No: 14N05238

Commercial Value		
Overall Index Value	100 %	100 %
Soluble Potash	10.87 %	10 %
Chlorine	7.96 %	10 %
Available Phosphate as P2O5	9.800 %	10 %
Total Nitrogen	9.91 %	10 %

Description: Flower and Vegetable All Purpose Plant Food

Sample No: 14N03021

Available Phosphate as P2O5	8.327 %	10.0 %	Deficient
Commercial Value			
Chlorine	8.11 %	10.0 %	
Soluble Potash	9.58 %	10.0 %	
Total Nitrogen	10.61 %	10.0 %	
Overall Index Value	96.8 %	100 %	Deficient

Manufacturer: Koch Agronomic Services,LLC, Wichita, KS
Description: 46-0-0
Sample No: 14N03257

Total Nitrogen	46.40 %	46 %
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Manufacturer:	Koch NIT LLC, Chicago, IL		
Description:	28-0-0		
Sample No:	14N03359		
	Total Nitrogen	28.13 %	28 %

Manufacturer:	Koch Nitrogen Co. LLC, SGT. Bluffs, IA		
Description:	28-0-0		
Sample No:	14N03774		
	Total Nitrogen	28.99 %	28 %

Description:	32-0-0		
Sample No:	14N05536		
	Total Nitrogen	33.32 %	32 %

Manufacturer:	Koch Nitrogen Co. LLC, Wolsey, SD		
Description:	10-34-00		
Sample No:	14N02918		
	Available Phosphate as P2O5	33.74 %	34 %
	Overall Index Value	104 %	100 %
	Total Nitrogen	11.36 %	10 %
	Commercial Value		

Description:	28-0-0		
Sample No:	14N02917		
	Total Nitrogen	28.10 %	28 %

Description:	9.05-30.77-0-0-Zn1.43		
Sample No:	14N04791		
	Total Nitrogen	10.32 %	9.05 %
	Available Phosphate as P2O5	30.24 %	30.77 %
	Overall Index Value	103 %	100 %
	Commercial Value		
	Zinc	1.38 %	1.43 %

Manufacturer:	Koch Nitrogen Company, LLC, Garretson, SD		
Description:	21-0-0-S24		
Sample No:	14N03274		
	Total Nitrogen	21.64 %	21 %
	Sulfur	24.27 %	24 %

Manufacturer:	Koch Nitrogen, Brandon, SD		
Description:	28-0-0		
Sample No:	14N03803		
	Total Nitrogen	29.21 %	28 %

Manufacturer:	LaBolt Farmers Grain, Labolt, SD		
Description:	14.12-32.43-5.01-7.08		
Sample No:	14N04350		

Sample Cancelled

No Claim

Description: 24.45-18.11-10.85-Zn0.166

Sample No: 14N04354

Commercial Value (STPB)			
Zinc	0.155 %	0.166 %	
Soluble Potash (STPB)	6.775 %	10.85 %	Deficient
Soluble Potash	6.09 %	10.85 %	Deficient
Available Phosphate as P2O5	16.95 %	18.11 %	Deficient
Total Nitrogen	23.96 %	24.45 %	
Overall Index Value (STPB)			Deficient

Manufacturer: Lake Preston Coop, Lake Preston, SD

Description: 10-34-0

Sample No: 14N04362

Overall Index Value	101 %	100 %	
Available Phosphate as P2O5	34.15 %	34 %	
Total Nitrogen	10.24 %	10 %	
Commercial Value			

Manufacturer: Lebanon Equity Exchange, Lebanon, SD

Description: Crabgrass Plus Fertilizer

Sample No: 14N05236

Commercial Value			
Overall Index Value	85.0 %	100 %	Deficient
Soluble Potash	2.79 %	3 %	
Total Nitrogen	20.31 %	24 %	Deficient

Manufacturer: Lebanon Seaboard Corp, Lebanon, PA

Description: 10-10-10-Fe1-S5

Sample No: 14N05233

Commercial Value			
Available Phosphate as P2O5	10.95 %	10. %	
Sulfur	7.670 %	5.0 %	
Total Nitrogen	10.47 %	10. %	
Iron	1.96 ug/g (ppm)	1.0 %	
Overall Index Value	107 %	100 %	
Soluble Potash	10.75 %	10. %	

Description: All Purpose Plant Food

Sample No: 14N02622

Soluble Potash	7.08 %	7. %	
Manganese, Acid Soluble	0.0944 %	0.1 %	
Overall Index Value	118 %	100 %	
Magnesium, Acid Soluble	2.22 %	2.0 %	
Available Phosphate as P2O5	7.700 %	7. %	
Total Nitrogen	9.08 %	7.0 %	
Commercial Value			
Sulfur	4.920 %	2.8 %	
Iron	1.32 ug/g (ppm)	1.0 %	

Sample No: 14N03953

Commercial Value		
Sulfur	4.985 %	2.8 %
Magnesium, Acid Soluble	2.20 %	2. %
Overall Index Value	116 %	100 %
Soluble Potash	6.65 %	7 %
Available Phosphate as P2O5	8.040 %	7 %
Iron	1.32 ug/g (ppm)	1. %
Total Nitrogen	8.72 %	7 %

Description: Fertilizer with Weed Control

Sample No: 14N05234

Chlorine	3.46 %	4 %
Sulfur	3.750 %	3.8 %
Soluble Potash	4.56 %	4 %
Commercial Value		
Total Nitrogen	30.52 %	27 %
Overall Index Value	113 %	100 %

Manufacturer: Lilly Miller Brands, Walnut Creek, CA

Description: Fish Fertilizer

Sample No: 14N05268

Total Nitrogen	5.97 %	5 %
Soluble Potash	1.70 %	1 %
Commercial Value		
Overall Index Value	135 %	100 %
Available Phosphate as P2O5	2.340 %	1 %

Manufacturer: Loveland Products Inc, Greeley, CO

Description: 7-17-3

Sample No: 14N03620

Overall Index Value	109 %	100 %
Total Nitrogen	7.56 %	7 %
Soluble Potash	3.24 %	3 %
Available Phosphate as P2O5	17.12 %	17 %
Commercial Value		

Manufacturer: Mettler Fertilizer Inc, Menno, SD

Description: 10.75-26-15-S6

Sample No: 14N02574

Soluble Potash	14.41 %	15 %
Available Phosphate as P2O5	26.51 %	26 %
Overall Index Value	100 %	100 %
Commercial Value		
Sulfur	6.820 %	6 %
Total Nitrogen	10.74 %	10.75 %

Description: 28-0-0

Sample No: 14N05144

Description: 8.6-20.8-24-S4.8		Total Nitrogen	29.56 %	28 %
Sample No: 14N02575		Overall Index Value	99.4 %	100 %
		Available Phosphate as P2O5	20.35 %	20.8 %
		Sulfur	6.060 %	4.8 %
		Soluble Potash	22.85 %	24 %
		Total Nitrogen	9.11 %	8.6 %
		Commercial Value		

Manufacturer: Mettler Fertilizer -Tripp, Tripp, SD				
Description: 0-0-60				
Sample No: 14N02285				
		Soluble Potash	58.76 %	60 %

Description: 11-52-0				
Sample No: 14N02283				
		Overall Index Value	101 %	100 %
		Available Phosphate as P2O5	51.01 %	52 %
		Commercial Value		Deficient
		Total Nitrogen	12.19 %	11 %

Description: 21-0-0-24				
Sample No: 14N02284				
		Sulfur	24.57 %	24 %
		Total Nitrogen	20.89 %	21 %

Description: 46-0-0				
Sample No: 14N02286				
		Total Nitrogen	46.78 %	46 %

Manufacturer: Midwest Coop, Onida, SD				
Description: 0-0-60				
Sample No: 14N03866				
		Soluble Potash (STPB)	59.06 %	60 %

Description: 11-52-0				
Sample No: 14N03910				
		Commercial Value		
		Total Nitrogen	10.97 %	11 %
		Available Phosphate as P2O5	52.40 %	52 %
		Overall Index Value	101 %	52 %

Description: 12-40-0-S10-Zn1				
Sample No: 14N03909				
		Commercial Value		
		Available Phosphate as P2O5	40.24 %	40 %
		Zinc	1.03 %	1 %
		Sulfur	10.36 %	10 %

Total Nitrogen 12.11 % 12 %
Overall Index Value 101 % 100 %

Description: 21-0-0-S24

Sample No: 14N03868

Sulfur 24.03 % 24 %
Total Nitrogen 21.21 % 21 %

Description: 46-0-0

Sample No: 14N03867

Total Nitrogen 46.56 % 46 %

Manufacturer: Midwest Coop, Pierre, SD

Description: 46-0-0

Sample No: 14N03891

Total Nitrogen 46.90 % 46 %

Manufacturer: Midwest Cooperatives, Philip, SD

Description: 12-40-0-S10-Zn1

Sample No: 14N02375

Zinc 0.915 % 1 %
Overall Index Value 102 % 100 %
Sulfur 9.700 % 10 %
Total Nitrogen 11.99 % 12 %
Available Phosphate as P2O5 41.10 % 40 %
Commercial Value

Sample No: 14N10467

Commercial Value
Zinc 1.10 % 1 %
Total Nitrogen 12.07 % 12 %
Overall Index Value 101 % 100 %
Sulfur 10.35 % 10 %
Available Phosphate as P2O5 40.35 % 40 %

Description: 21-0-0-S24

Sample No: 14N02376

Total Nitrogen 21.97 % 21 %
Sulfur 24.50 % 24 %

Description: 46-0-0

Sample No: 14N02378

Total Nitrogen 46.70 % 46 %

Sample No: 14N02379

Total Nitrogen 46.56 % 46 %

Sample No: 14N10465

Total Nitrogen 46.70 % 46 %

Sample No: 14N10466

Total Nitrogen 46.55 % 46 %

Manufacturer: Midwest Cooperatives, Pierre, SD
Description: 0-0-60

Sample No: 14N03889
Soluble Potash (STPB) 58.60 % 60 %
Soluble Potash 56.39 % 60 % Deficient

Description: 11-52-0

Sample No: 14N03893
Overall Index Value 99.8 % 100 %
Commercial Value Total
Nitrogen 10.95 % 11 %
Available Phosphate as P2O5 51.93 % 52 %

Description: 12-40-0-S10-Zn1

Sample No: 14N03890
Commercial Value
Overall Index Value 102 % 100 %
Total Nitrogen 12.27 % 12 %
Sulfur 10.47 % 10 %
Zinc 1.04 % 1 %
Available Phosphate as P2O5 40.54 % 40 %

Description: 21-0-0-S24

Sample No: 14N03892
Sulfur 24.24 % 24 %
Total Nitrogen 21.36 % 21 %

Manufacturer: Milwaukee Metropolitan Sewage Dist., Milwaukee, WI
Description: 5-2-0-Ca1.9-Fe4

Sample No: 14N05241
Iron 4.45 ug/g (ppm) 4 %
Calcium 2.24 % 1.9 %
Overall Index Value 104 % 100 %
Total Nitrogen 6.11 % 5 %
Available Phosphate as P2O5 3.860 % 2 %
Commercial Value

Manufacturer: Miracle-Gro Lawn Products Inc, Marysville, OH
Description: Miracle Gro Plant Food

Sample No: 14N14620
Soluble Potash 10.49 % 10 %
Overall Index Value 107 % 100 %
Available Phosphate as P2O5 10.96 % 10 %
Commercial Value
Iron 0.403 ug/g (ppm) 0.325 %
Total Nitrogen 31.84 % 30 %

Manufacturer: Miracle-Gro Lawn Products, Marysville, OH
Description: Indoor Plant Food

Sample No:	14N03022			
		Available Phosphate as P2O5	1.120 %	1.0 %
		Total Nitrogen	1.34 %	1.0 %
		Commercial Value		
		Overall Index Value	122 %	100 %
		Soluble Potash	1.04 %	1.0 %
Sample No:	14N03899			
		Soluble Potash	1.12 %	1 %
		Available Phosphate as P2O5	1.180 %	1 %
		Commercial Value		
		Overall Index Value	130 %	100 %
		Total Nitrogen	1.44 %	1 %
Description:	Liquid Cactus Plant Food			
Sample No:	14N05177			
		Iron	0.153 ug/g (ppm)	0.10 %
		Available Phosphate as P2O5	7.280 %	7 %
		Total Nitrogen	3.09 %	2 %
		Soluble Potash	6.89 %	7 %
		Overall Index Value	114 %	100 %
		Commercial Value		
Description:	Quick Start			
Sample No:	14N04000			
		Soluble Potash	4.03 %	4 %
		Commercial Value		
		Total Nitrogen	4.80 %	4 %
		Overall Index Value	110 %	100 %
		Available Phosphate as P2O5	12.81 %	12 %
Manufacturer:	Missouri River Farms, Inc., Yankton, SD			
Description:	0-0-60			
Sample No:	14N03229			
		Soluble Potash	58.63 %	60 %
Description:	21-0-0-S24			
Sample No:	14N03227			
		Sulfur	24.75 %	24 %
		Total Nitrogen	21.14 %	21 %
Description:	46-0-0			
Sample No:	14N03230			
		Total Nitrogen	46.29 %	46 %
Description:	5.5-26-30			
Sample No:	14N03231			
		Soluble Potash	29.55 %	30 %
		Commercial Value		
		Overall Index Value	133 %	100 %

Available Phosphate as P2O5 24.36 % 26 % Deficient
Total Nitrogen 5.59 % 5.5 %

Description: MAP 11-52-0

Sample No: 14N03228

Commercial Value
Available Phosphate as P2O5 50.94 % 52 % Deficient
Total Nitrogen 11.30 % 11 %
Overall Index Value 99.1 % 100 %

Manufacturer: Montana Sulphur & Chemical Co, Billings, MT

Description: Fertilizer Sulfur Granules

Sample No: 14N03236

Sulfur 89.77 % 90 %

Manufacturer: Mosaic Crop Nutrition , LLC, S Riverview, FL

Description: DAP 18-46-0

Sample No: 14N03130

Available Phosphate as P2O5 46.15 % 46 %
Total Nitrogen 17.80 % 18 %
Commercial Value
Overall Index Value 99.8 % 100 %

Manufacturer: Mosaic Crop Nutrition, Minneapolis, MN

Description: 0-0-60

Sample No: 14N03313

Soluble Potash 60.10 % 60 %

Description: 12-40-0-S10-Zn1

Sample No: 14N03487

Overall Index Value 103 % 100 %
Total Nitrogen 12.43 % 12 %
Commercial Value
Available Phosphate as P2O5 41.06 % 40 %
Sulfur 10.00 % 10 %
Zinc 1.02 % 1 %

Description: 18-46-0

Sample No: 14N03488

Available Phosphate as P2O5 46.06 % 46 %
Total Nitrogen 18.87 % 18 %
Commercial Value
Overall Index Value 102 % 100 %

Manufacturer: Mosaic Crop Nutrition, Savage, MN

Description: 12-40-0-10S-1Zn

Sample No: 14N04801

Sulfur 9.950 % 10 %
Zinc 0.984 % 1 %

Overall Index Value		102 %	100 %
Available Phosphate as P2O5	40.52 %		40 %
Total Nitrogen Commercial Value	12.51 %		12 %

Description: 11-52-0

Sample No: 14N03314

Commercial Value			
Available Phosphate as P2O5	51.24 %		52 %
Total Nitrogen	11.90 %		11 %
Overall Index Value		101 %	100 %

Sample No: 14N03786

Available Phosphate as P2O5	52.00 %		52 %
Total Nitrogen	11.29 %		11 %
Overall Index Value		101 %	100 %
Commercial Value			

Description: DAP 18-46-0

Sample No: 14N12391

Commercial Value			
Available Phosphate as P2O5	46.40 %		46 %
Total Nitrogen	18.33 %		18 %
Overall Index Value		101 %	100 %

Description: MAP 11-52-0

Sample No: 14N12293

Available Phosphate as P2O5	52.24 %		52 %
Commercial Value			
Overall Index Value		101 %	100 %
Total Nitrogen	11.42 %		11 %

Sample No: 14N12394

Available Phosphate as P2O5	52.23 %		52 %
Overall Index Value		105 %	100 %
Commercial Value Total Nitrogen	13.15 %		11 %

Sample No: 14N14422

Total Nitrogen	11.26 %		11 %
Overall Index Value		101 %	100 %
Commercial Value			
Available Phosphate as P2O5	52.63 %		52 %

Description: MESZ 12-40-0-S10-Z1

Sample No: 14N12288

Zinc	1.04 %		1 %
Overall Index Value		101 %	100 %
Total Nitrogen	12.11 %		12 %
Sulfur	9.700 %		10 %
Available Phosphate as P2O5	40.60 %		40 %

Commercial Value

Manufacturer: Mosaic Potash , Canada, CA
Description: 0-0-60

Sample No:	14N03316			
		Soluble Potash	60.77 %	60 %
Sample No:	14N04754			
		Soluble Potash	58.63 %	60 %

Manufacturer: Mosaic, Riverview, FL
Description: 0-0-59-B0.5

Sample No:	14N02626			
		Boron	0.431 %	0.5 %
		Soluble Potash	59.25 %	59 %

Manufacturer: NCFE , Warner, SD
Description: 0-0-60

Sample No:	14N03911			
		Soluble Potash (STPB)	36.08 %	60 %

Description: 10-40-0-S10

Sample No:	14N03912			
		Commercial Value Sulfur		
			9.667 %	10 %
		Available Phosphate as P2O5	41.65 %	40 %
		Total Nitrogen	12.20 %	10 %
		Overall Index Value	109 %	100 %

Description: 11-52-0

Sample No:	14N03914			
		Total Nitrogen	11.12 %	11 %
		Available Phosphate as P2O5	52.81 %	52 %
		Overall Index Value	101 %	100 %
		Commercial Value		

Description: 21-0-0-S24

Sample No:	14N03913			
		Total Nitrogen	20.54 %	21 %
		Sulfur	24.74 %	24 %

Description: 46-0-0

Sample No:	14N03915			
		Total Nitrogen	46.50 %	46 %

Description: AMS 21-0-0-S24

Sample No:	14N13242			
		Sulfur	24.32 %	24 %
		Total Nitrogen	21.61 %	21 %

Description: Custom Blend Fertilizer

Sample No:	14N13665	Sample Cancelled		No Claim
Description:	Custome Blend Fertilizer			
Sample No:	15N00815	Sample Cancelled		No Claim
Description:	LS Zinc 10%			
Sample No:	14N13244	Sulfur	8.900 %	7. %
		Zinc	9.92 %	10. %
Description:	MAP 11-52-00			
Sample No:	14N13240	Available Phosphate as P2O5	50.60 %	52 %
		Commercial Value		Deficient
		Total Nitrogen	10.97 %	11 %
		Overall Index Value	97.9 %	100 %
Description:	Potash 0-0-60			
Sample No:	14N13243	Soluble Potash	58.90 %	60 %
Description:	Urea 46-0-0			
Sample No:	14N13241	Total Nitrogen	46.24 %	46 %
Manufacturer:	NCFE, Miller, SD			
Description:	28-0-0			
Sample No:	14N05193	Total Nitrogen	17.77 %	28 %
				Deficient
Manufacturer:	North Central Farmers Elevator, Ipswich, SD			
Description:	Urea 46-0-0			
Sample No:	14N11541	Total Nitrogen	47.10 %	46 %
Manufacturer:	North Plains, Gettysburg, SD			
Description:	0-0-60			
Sample No:	14N03241	Soluble Potash	59.45 %	60 %
Description:	46-0-0			
Sample No:	14N03238	Total Nitrogen	46.37 %	46 %
Description:	MESZ 12-40-0-S10-Z1			
Sample No:	14N03242	Overall Index Value	100 %	100 %
		Available Phosphate as P2O5	39.46 %	40 %

Commercial Value		
Sulfur	10.15 %	10 %
Total Nitrogen	12.40 %	12 %
Zinc	1.02 %	1 %

Manufacturer: Northern AG, Urban Dale, IA
Description: 18-46-0

Sample No: 14N02934

Total Nitrogen	18.00 %	18 %
Available Phosphate as P2O5	46.07 %	46 %
Commercial Value		
Overall Index Value	100 %	100 %

Manufacturer: Nutra Flo Company, Sioux City, IA
Description: 10-34-0

Sample No: 14N04747

Available Phosphate as P2O5	35.53 %	34 %
Commercial Value		
Overall Index Value	104 %	100 %
Total Nitrogen	10.26 %	10 %

Description: 6-24-6-Zn.15

Sample No: 14N11542

Overall Index Value	102 %	100 %
Commercial Value		
Soluble Potash	5.80 %	6.0 %
Total Nitrogen	6.44 %	6.0 %
Zinc	0.156 %	0.15 %
Available Phosphate as P2O5	24.14 %	24.0 %

Manufacturer: PCS Sales, Saskatchewan Canada, CA
Description: MAP 11-52-0

Sample No: 14N03273

Commercial Value		
Total Nitrogen	12.14 %	11 %
Overall Index Value	102 %	100 %
Available Phosphate as P2O5	51.69 %	52 %

Manufacturer: Prairie Ag , Arlington, SD
Description: 31-11-11

Sample No: 14N04878

Available Phosphate as P2O5	10.83 %	11 %
Total Nitrogen	34.18 %	31 %
Overall Index Value	107 %	100 %
Soluble Potash	10.77 %	11 %
Commercial Value		

Sample No: 14N04879

Commercial Value		
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Total Nitrogen	32.98 %	31 %
Soluble Potash	10.23 %	11 %
Available Phosphate as P2O5	9.557 %	11 %
Overall Index Value	102 %	100 %

Sample No: 14N04880

Deficient

Soluble Potash	11.21 %	11 %
Total Nitrogen	34.45 %	31 %
Available Phosphate as P2O5	8.777 %	11 %
Overall Index Value	105 %	100 %
Commercial Value		

Deficient

Manufacturer: Premier Tech Inc., Brea, CA

Description: Tree and Shrub Transplanter

Sample No: 14N05174

Soluble Potash (STPB)	1.320 %	1.0 %
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Manufacturer: Ramsdells Fertilizer & Propane Inc, Brookings, SD

Description: 9-23-30

Sample No: 14N04757

Soluble Potash	28.69 %	30 %
Total Nitrogen	9.21 %	9 %
Available Phosphate as P2O5	23.42 %	23 %
Commercial Value		
Overall Index Value	100 %	100 %

Manufacturer: Rentech Nitrogen, Pasadena, TX

Description: AMS

Sample No: 14N12389

Sulfur	24.42 %	24 %
Total Nitrogen	20.48 %	21 %

Manufacturer: Revillo Farmers Elevator, Revillo, SD

Description: 31.01-16.12-5.40

Sample No: 14N04334

Total Nitrogen	33.28 %	31.0 %
Soluble Potash	5.39 %	5.4 %
Overall Index Value	106 %	100 %
Available Phosphate as P2O5	16.41 %	16.12 %
Commercial Value		

Description: 34.82-9.29-6.43

Sample No: 14N04351

Commercial Value		
Total Nitrogen	35.54 %	34.82 %
Available Phosphate as P2O5	10.01 %	9.29 %
Overall Index Value	102 %	100 %
Soluble Potash	5.92 %	6.4 %

Manufacturer: Rod McLellan Co., Independence, OR

Description:	Blood Meal			
Sample No:	14N02919			
		Total Nitrogen	12.86 %	12 %

Description:	Bone Meal			
Sample No:	14N02921			
		Calcium	7.95 %	7 %
		Total Nitrogen	7.83 %	6 %
		Available Phosphate as P2O5	9.370 %	9 %
		Commercial Value		
		Overall Index Value	117 %	100 %

Description:	Natural Blood Meal			
Sample No:	14N02621			
		Total Nitrogen	15.96 %	12 %

Manufacturer:	Rosebud Farmers Union Coop, Gregory, SD			
Description:	20-15-0-S10			
Sample No:	14N03370			
		Total Nitrogen	22.26 %	20 %
		Commercial Value		
		Overall Index Value	113 %	100 %
		Available Phosphate as P2O5	17.61 %	15 %
		Sulfur	12.18 %	10 %

Description:	21.67-22.5-0			
Sample No:	14N03369			
		Total Nitrogen	31.87 %	21.67 %
		Available Phosphate as P2O5	22.07 %	22.50 %
		Commercial Value		
		Overall Index Value	127 %	100 %

Manufacturer:	Scotts Company , Marysville, OH			
Description:	All Purpose Plant Food			
Sample No:	14N05262			
		Iron	0.138 ug/g (ppm)	0.10 %
		Overall Index Value	104 %	100 %
		Soluble Potash	8.00 %	8 %
		Available Phosphate as P2O5	4.190 %	4 %
		Commercial Value		
		Total Nitrogen	12.55 %	12 %

Description:	Plant Food			
Sample No:	14N05266			
		Available Phosphate as P2O5	6.590 %	6 %
		Soluble Potash	13.10 %	12 %
		Total Nitrogen	20.34 %	19 %
		Overall Index Value	108 %	100 %
		Commercial Value		

Description: Turf Builder
Sample No: 14N05594

Soluble Potash	3.77 %	4 %
Commercial Value		
Total Nitrogen	31.13 %	30 %
Overall Index Value	103 %	100 %
Sulfur	11.04 %	10 %

Sample No: 14N05597

Commercial Value		
Soluble Potash	9.33 %	8 %
Sulfur	1.760 %	2 %
Total Nitrogen	20.69 %	20 %
Overall Index Value	105 %	100 %

Description: Weed & Feed

Sample No: 14N05243

Overall Index Value	103 %	100 %
Soluble Potash	3.45 %	3 %
Total Nitrogen	28.70 %	28 %
Commercial Value		
Sulfur	7.540 %	7 %

Description: 28-0-3-S7

Sample No: 14N05261

Commercial Value		
Overall Index Value	108 %	100 %
Total Nitrogen	30.24 %	28 %
Soluble Potash	3.03 %	3 %
Sulfur	7.750 %	7 %

Description: African Violet Plant Food

Sample No: 14N03023

Available Phosphate as P2O5	7.420 %	7 %
Overall Index Value	106 %	42 %
Commercial Value		
Total Nitrogen	7.57 %	7 %
Soluble Potash	7.04 %	7 %

Description: All Purpose Flower and Vegetable

Sample No: 14N05264

Commercial Value		
Overall Index Value	99.9 %	100 %
Available Phosphate as P2O5	9.570 %	10 %
Sulfur	2.530 %	2 %
Soluble Potash	9.77 %	10 %
Total Nitrogen	10.35 %	10 %

Description: All Purpose Plant Food

Sample No: 14N02920

Total Nitrogen	24.65 %	24 %
Soluble Potash	15.75 %	16 %
Commercial Value		
Iron	0.222 ug/g (ppm)	0.15 %
Available Phosphate as P2O5	8.390 %	8 %
Overall Index Value	102 %	100 %

Sample No: 14N04043

Soluble Potash	16.16 %	16 %
Commercial Value		
Available Phosphate as P2O5	9.200 %	8 %
Overall Index Value	101 %	100 %
Total Nitrogen	23.59 %	24 %

Description: Bone Meal

Sample No: 14N02893

Available Phosphate as P2O5	8.580 %	9 %
Total Nitrogen	8.99 %	6 %
Commercial Value		
Calcium	8.57 %	7 %
Overall Index Value	123 %	100 %

Description: Osmocote Plus Outdoor & Indoor

Sample No: 14N14621

Available Phosphate as P2O5	9.340 %	9 %
Overall Index Value	105 %	100 %
Soluble Potash	11.85 %	12 %
Iron	0.510 ug/g (ppm)	0.46 %
Commercial Value Magnesium,		
Water Soluble	1.43 %	0.9 %
Sulfur	7.010 %	6. %
Total Nitrogen	16.19 %	15 %
Magnesium, Acid Soluble	1.45 %	1.3 %

Description: Rose and Bloom

Sample No: 14N03017

Total Nitrogen	12.98 %	12 %
Commercial Value		
Overall Index Value	113 %	100 %
Soluble Potash	8.39 %	8 %
Sulfur	3.390 %	2.2 %
Available Phosphate as P2O5	5.690 %	4 %

Description: Turf Builder

Sample No: 14N05595

Total Nitrogen	30.35 %	28 %
Soluble Potash	3.10 %	3 %
Commercial Value		
Overall Index Value	108 %	100 %
Sulfur	7.600 %	7 %

Sulfur	7.320 %	7 %
Iron	2.13 ug/g (ppm)	2 %
Commercial Value		
Total Nitrogen	33.34 %	32 %
Soluble Potash	3.72 %	4 %
Overall Index Value	104 %	100 %

Manufacturer: Scotts Company, Marysville, OH
Description: Extended Time Release Fertilizer

Sample No: 14N04947

Commercial Value		
Soluble Potash	12.46 %	12 %
Total Nitrogen	19.92 %	18 %
Available Phosphate as P2O5	6.630 %	6 %
Overall Index Value	110 %	100 %

Manufacturer: SD Wheat Growers, Chamberlain, SD
Description: 10-45-0-S2.3-Zn4.6

Sample No: 14N02945

Overall Index Value	95.2 %	100 %	Deficient
Zinc	9.00 %	4.6 %	
Sulfur	6.040 %	2.3 %	
Total Nitrogen	10.16 %	10 %	
Commercial Value			
Available Phosphate as P2O5	41.89 %	45 %	Deficient

Description: 35-0-9-S4.2

Sample No: 14N02946

Commercial Value			
Overall Index Value	108 %	100 %	
Soluble Potash	8.71 %	9 %	
Sulfur	3.060 %	4.2 %	Deficient
Total Nitrogen	38.30 %	35 %	

Description: 36-9-0-S3.6

Sample No: 14N02944

Total Nitrogen	38.28 %	36 %
Sulfur	3.330 %	3.69 %
Overall Index Value	105 %	100 %
Available Phosphate as P2O5	8.540 %	9 %
Commercial Value		

Manufacturer: SD Wheat Growers, McLaughlin, SD
Description: 0-0-60

Sample No: 14N03245

Soluble Potash	62.54 %	62 %
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Description: 25-0-0-CI65

Sample No: 14N03243

Total Nitrogen	25.98 %	25 %
Chloride	64.7 %	65 %

Description: 46-0-0

Sample No: 14N03239

Total Nitrogen	46.56 %	46 %
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Description: AMS 20.5-0-0-S24

Sample No: 14N03244

Total Nitrogen	21.03 %	20.5 %
Sulfur	24.86 %	24 %

Description: MAP 11-52-0

Sample No: 14N03246

Available Phosphate as P2O5	52.67 %	52 %
Overall Index Value	102 %	100 %
Total Nitrogen	11.56 %	11 %
Commercial Value		

Description: MESZ 12-40-0-S10-Z1

Sample No: 14N03240

Total Nitrogen	12.07 %	12 %
Sulfur	10.12 %	10 %
Zinc	0.962 %	1 %
Available Phosphate as P2O5	42.45 %	40 %
Commercial Value		
Overall Index Value	104 %	100 %

Manufacturer: SD Wheat Growers, Wolsey, SD

Description: 0-0-62

Sample No: 14N02631

Soluble Potash	61.04 %	62 %
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Description: 46-0-0

Sample No: 14N02630

Total Nitrogen	46.47 %	46 %
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Description: AMS

Sample No: 14N02629

Sulfur	24.67 %	24 %
Total Nitrogen	20.55 %	21 %

Manufacturer: SDWG , Aberdeen, SD

Description: 0-0-0-0-Zn35

Sample No: 14N03607

Zinc	0.931 %	35 %	Deficient
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Description: 0-0-62

Sample No: 14N03608

Soluble Potash 61.13 % 62 %

Description: 11-52-0

Sample No: 14N03601

Commercial Value Overall Index Value 104 % 100 %
Available Phosphate as P2O5 52.91 % 52 %
Total Nitrogen 12.30 % 11 %

Description: 12-40-0-S10-Zn1

Sample No: 14N03609

Overall Index Value 106 % 100 %
Available Phosphate as P2O5 42.02 % 40 %
Total Nitrogen Commercial 13.14 % 12 %
Value Zinc 1.00 % 1 %
Sulfur 9.520 % 10 %

Description: 20.5-0-0

Sample No: 14N03808

Total Nitrogen 21.19 % 20.5 %

Description: 31-20-0-S0.5-Zn1

Sample No: 14N03598

Zinc 1.52 % 1 %
Total Nitrogen 30.88 % 31 %
Available Phosphate as P2O5 22.13 % 20 %
Commercial Value
Sulfur 1.500 % 0.5 %
Overall Index Value 103 % 100 %

Description: 33-16-0-S2.4

Sample No: 14N03599

Sulfur 2.580 % 2.4 %
Overall Index Value 102 % 100 %
Total Nitrogen 33.53 % 33 %
Available Phosphate as P2O5 16.22 % 16 %
Commercial Value

Description: 34-11-0

Sample No: 14N03600

Commercial Value Total Nitrogen 33.84 % 34 %
Overall Index Value 102 % 100 %
Sulfur 3.820 % 3.1 %
Zinc 0.0139 % 1.1 % Deficient
Available Phosphate as P2O5 12.77 % 11 %

Description: 35-16-0

Sample No: 14N03603

Available Phosphate as P2O5	19.12 %	16 %
Total Nitrogen	34.18 %	35 %
Commercial Value		
Overall Index Value	103 %	100 %

Description: 36-15-0

Sample No: 14N03602

Total Nitrogen	33.83 %	36 %	Deficient
Commercial Value			
Available Phosphate as P2O5	18.81 %	15 %	
Overall Index Value	101 %	100 %	

Description: 46-0-0

Sample No: 14N03604

Total Nitrogen	46.57 %	46 %
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Manufacturer: SDWG, Aberdeen, SD

Description: Potash 0-0-62

Sample No: 14N11539

Soluble Potash	58.75 %	62 %	Deficient
Soluble Potash (STPB)	58.79 %	62 %	Deficient

Manufacturer: Simplot Agri Business, Rock Springs, WY

Description: 11-52-0

Sample No: 14N05537

Overall Index Value	101 %	100 %
Commercial Value		
Available Phosphate as P2O5	51.68 %	52 %
Total Nitrogen	11.82 %	11 %

Manufacturer: Soil Works, LLC, Yankton, SD

Description: 0-21-0

Sample No: 14N02282

Available Phosphate as P2O5	21.85 %	21 %
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Description: 7-53-2

Sample No: 14N02281

Commercial Value		
Total Nitrogen	6.80 %	7 %
Soluble Potash	3.38 %	2 %
Available Phosphate as P2O5	54.78 %	53 %
Overall Index Value	103 %	100 %

Manufacturer: South Dakota Wheat Growers , Mc Laughlin, SD

Description: 12-36-6-S4.8

Sample No: 14N03292

Commercial Value (STPB)			
Soluble Potash (STPB)	3.555 %	6 %	Deficient
Sulfur	5.970 %	4.8 %	

Available Phosphate as P2O5 37.64 % 36 %
Overall Index Value (STPB)

Manufacturer: South Dakota Wheat Growers, Huron, SD
Description: 10-34-0
Sample No: 14N05018

Commercial Value
Available Phosphate as P2O5 33.78 % 34 %
Overall Index Value 100 % 100 %
Total Nitrogen 10.17 % 10 %

Description: 28-0-0
Sample No: 14N05019

Total Nitrogen 28.34 % 28 %

Description: Coron with Boron
Sample No: 14N05442

Boron 0.595 % 0.5 %
Total Nitrogen 25.86 % 25 %

Manufacturer: South Dakota Wheat Growers, McLaughlin, SD
Description: 46-0-0
Sample No: 14N03291

Total Nitrogen 46.48 % 46 %

Manufacturer: South Dakota Wheat Growers, Miller, SD
Description: 10-34-0
Sample No: 14N05195

Available Phosphate as P2O5 33.33 % 34 %
Overall Index Value 98.0 % 100 %
Commercial Value
Total Nitrogen 9.80 % 10 %

Description: 28-0-0
Sample No: 14N05194

Total Nitrogen 28.87 % 28 %

Manufacturer: South Dakota Wheat Growers, Roscoe, SD
Description: 10-34-0
Sample No: 14N04649

Commercial Value
Overall Index Value 100 % 100 %
Available Phosphate as P2O5 34.04 % 34 %
Total Nitrogen 10.02 % 10 %

Manufacturer: South Dakota Wheat Growers, Stickney, SD
Description: 28-0-0
Sample No: 14N03946

Total Nitrogen	28.15 %	28 %
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Manufacturer: South Dakota Wheat Growers, Wolsey, SD

Description: 10-34-0

Sample No: 14N05191

Commercial Value		
Overall Index Value	100 %	100 %
Total Nitrogen	10.05 %	10 %
Available Phosphate as P2O5	33.93 %	34 %

Description: 28-0-0

Sample No: 14N05192

Total Nitrogen	28.40 %	28 %
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Manufacturer: South Dakota Wheat Growers, Yale, SD

Description: 11-52-0

Sample No: 14N04145

Overall Index Value	101 %	100 %
Available Phosphate as P2O5	51.56 %	52 %
Commercial Value		
Total Nitrogen	11.68 %	11 %

Description: 26-19-7-S3.3

Sample No: 14N04146

Sulfur	4.039 %	3.3 %
Commercial Value		
Available Phosphate as P2O5	18.45 %	19 %
Soluble Potash	7.82 %	7 %
Overall Index Value	105 %	100 %
Total Nitrogen	28.18 %	26 %

Description: 37-8-5

Sample No: 14N04143

Available Phosphate as P2O5	8.220 %	8 %
Commercial Value		
Soluble Potash	4.61 %	5 %
Overall Index Value	101 %	100 %
Total Nitrogen	37.23 %	37 %

Description: 42-6-0

Sample No: 14N04147

Total Nitrogen	43.28 %	42 %
Available Phosphate as P2O5	6.630 %	06 %
Overall Index Value	104 %	100 %
Commercial Value		

Description: 46-0-0

Sample No: 14N04144

Total Nitrogen	46.58 %	46 %
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Description: Custom 42-6-0

Sample No: 14N04149

Total Nitrogen	43.30 %	42 %
Overall Index Value	104 %	100 %
Available Phosphate as P2O5	6.800 %	6 %
Commercial Value		

Manufacturer: Southeast Farmers Elevator , Elk Point, SD

Description: 42-0-0

Sample No: 14N02933

Total Nitrogen	42.64 %	42 %
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Manufacturer: Swiss Farms Products Inc, Las Vegas, NV

Description: Lawn Fertilizer

Sample No: 14N05242

Total Nitrogen	30.25 %	29 %
Soluble Potash	4.45 %	4 %
Commercial Value		
Overall Index Value	105 %	100 %

Description: Organic Potting Mix

Sample No: 14N05311

Sample Cancelled No Claim

Description: Super Green Lawn Fertilizer

Sample No: 14N05237

Total Nitrogen	34.50 %	35 %
Soluble Potash	6.38 %	5 %
Commercial Value		
Overall Index Value	99.9 %	100 %

Description: 12-5-7

Sample No: 14N02894

Soluble Potash (STPB)	5.500 %	7 %	Deficient
Available Phosphate as P2O5	5.580 %	5 %	
Overall Index Value (STPB)			
Total Nitrogen	13.03 %	12 %	
Commercial Value (STPB)			

Description: Crabgrass Preventor and Lawn Fertilizer

Sample No: 14N05240

Soluble Potash	4.33 %	4 %
Total Nitrogen	29.79 %	30 %
Commercial Value		
Overall Index Value	99.7 %	100 %

Manufacturer: Tabor Lumber Co., Lesterville, SD

Description: 0-0-0-17.5-35.5

Sample No: 14N02290

Sulfur 17.01 % 17.5 %
Zinc 34.5 % 35.5 %

Description: 0-0-60

Sample No: 14N02289

Soluble Potash 59.60 % 60 %

Description: 18-46-0

Sample No: 14N02287

Available Phosphate as P2O5 45.88 % 46 %
Overall Index Value 99.5 % 100 %
Commercial Value Total
Nitrogen 17.84 % 18 %

Description: 46-0-0

Sample No: 14N02288

Total Nitrogen 46.54 % 46 %

Manufacturer: Tabor Lumber Coop, Tabor, SD

Description: 0-0-0-B14.3

Sample No: 14N03252

Boron 14.9 % 14.3 %

Description: 0-0-0-Zn35

Sample No: 14N03251

Zinc 34.3 % 35 %

Description: 0-0-60

Sample No: 14N03250

Soluble Potash 59.61 % 60 %

Description: 21-0-0-S24

Sample No: 14N03248

Sulfur 24.88 % 24 %
Total Nitrogen 21.26 % 21 %

Description: 46-0-0

Sample No: 14N03247

Total Nitrogen 46.43 % 46 %

Description: DAP 18-46-0

Sample No: 14N03249

Total Nitrogen 18.24 % 18 %
Overall Index Value 101 % 100 %
Available Phosphate as P2O5 46.43 % 46 %
Commercial Value

Manufacturer: The Anderson Lawn Fertilizer Div Inc, Maumee, OH

Description: Weed and Feed Lawn Fertilizer

Sample No: 14N05599

Soluble Potash 2.92 % 3 %

Total Nitrogen	30.77 %	29 %
Commercial Value		
Overall Index Value	106 %	100 %

Description: 27-0-5

Sample No: 14N05466

Overall Index Value	98.0 %	100 %
Commercial Value		
Soluble Potash	5.00 %	5. %
Total Nitrogen	26.43 %	27 %

Manufacturer: The Espoma Company, Millville, NJ

Description: All Purpose Plant Food

Sample No: 14N03019

Magnesium, Acid Soluble	1.35 %	1.0 %
Soluble Potash	3.85 %	3.0 %
Magnesium, Water Soluble	1.09 %	0.6 %
Total Nitrogen	4.74 %	5.0 %
Overall Index Value	105 %	100 %
Calcium Commercial Value	3.80 %	3.0 %
Available Phosphate as P2O5	3.590 %	3.0 %
Sulfur	3.100 %	1.0 %

Description: Epsoma Organic Garden Tone

Sample No: 14N14176

Soluble Potash	4.16 %	4. %
Total Nitrogen	4.29 %	3. %
Magnesium, Acid Soluble	1.44 %	1.0 %
Sulfur	2.500 %	2. %
Overall Index Value	120 %	100 %
Commercial Value		
Calcium	4.71 %	5 %
Available Phosphate as P2O5	4.120 %	4. %

Description: Herb & Vegetable Food

Sample No: 14N03018

Overall Index Value	116 %	100 %
Available Phosphate as P2O5	4.960 %	4.0 %
Magnesium, Water Soluble	1.23 %	0.7 %
Soluble Potash Commercial Value	4.55 %	4.0 %
Magnesium, Acid Soluble		
Soluble	1.69 %	1.0 %
Total Nitrogen	3.33 %	3.0 %
Calcium	5.15 %	5.0 %
Sulfur	3.270 %	2.0 %

Description: Tomato Tone

Sample No: 14N03020

Available Phosphate as P2O5	3.480 %	4.0 %	
Overall Index Value	88.8 %	100 %	Deficient
Total Nitrogen	2.74 %	3.0 %	
Calcium Commercial Value Sulfur	4.94 %	8.0 %	Deficient
	3.850 %	3.0 %	
Soluble Potash	6.13 %	6.0 %	

Manufacturer: The Scotts Company, Marysville, OH
Description: Liquid Turf Builder
Sample No: 14N05497

Overall Index Value	102 %	100 %
Commercial Value		
Total Nitrogen	29.44 %	29 %
Soluble Potash	3.30 %	3 %
Available Phosphate as P2O5	2.300 %	2 %

Description: Starter
Sample No: 14N05496

Soluble Potash	15.70 %	15 %
Available Phosphate as P2O5	12.59 %	12 %
Total Nitrogen	7.88 %	7 %
Overall Index Value	108 %	100 %
Commercial Value		

Description: Turf Builder
Sample No: 14N05490

Overall Index Value	102 %	100 %
Iron	2.13 ug/g (ppm)	2 %
Commercial Value		
Soluble Potash	4.88 %	4 %
Total Nitrogen	32.28 %	32 %
Sulfur	8.860 %	7 %

Description: Turf Builder LawnSoil
Sample No: 14N05312

Sample Cancelled No Claim

Description: Weed & Feed
Sample No: 14N05239

Overall Index Value	105 %	100 %
Sulfur	7.730 %	7 %
Total Nitrogen	29.44 %	28 %
Commercial Value		
Soluble Potash	3.37 %	3 %

Description: Weed and Feed
Sample No: 14N05539

2,4-D	1.23 %	1.18 %
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Description:	26-0-3				
Sample No:	14N04042				
	Total Nitrogen	26.96 %		26 %	
	Commercial Value				
	Overall Index Value		104 %	100 %	
	Soluble Potash	3.20 %		3 %	
Description:	26-0-3-S15				
Sample No:	14N03700				
	Commercial Value				
	Soluble Potash	3.45 %		3 %	
	Overall Index Value		104 %	100 %	
	Sulfur	15.04 %		15 %	
	Total Nitrogen	27.01 %		26 %	
Sample No:	14N05235				
	Total Nitrogen	27.05 %		26 %	
	Sulfur Commercial Value	16.13 %		15 %	
	Overall Index Value		104 %	100 %	
	Soluble Potash	3.40 %		3 %	
Description:	Continuous Release Plant Food				
Sample No:	14N05152				
	Overall Index Value		115 %	100 %	
	Total Nitrogen	11.49 %		10 %	
	Soluble Potash	10.29 %		10 %	
	Available Phosphate as P2O5	14.50 %		12 %	
	Commercial Value				
	Sulfur	2.920 %		2.2 %	
Description:	Starter				
Sample No:	14N02620				
	Soluble Potash	3.73 %		4 %	
	Available Phosphate as P2O5	23.51 %		25 %	Deficient
	Total Nitrogen	26.29 %		24 %	
	Commercial Value				
	Overall Index Value		103 %	100 %	
Description:	Starter Food for New Grass				
Sample No:	14N01672				
	Total Nitrogen	24.54 %		24 %	
	Overall Index Value		102 %	100 %	
	Available Phosphate as P2O5	25.70 %		25 %	
	Soluble Potash	4.11 %		4 %	
	Commercial Value				
Manufacturer:	The Whitney Farms, Marysville, OH				
Description:	Bone Meal				
Sample No:	14N04001				

Total Nitrogen	8.54 %	6 %
Calcium	8.11 %	7 %
Available Phosphate as P2O5	8.417 %	9 %
Commercial Value		
Overall Index Value	118 %	100 %

Manufacturer: U.S. Ag, LLC, Meriden, KS
Description: Concentrate Lawns & Gardens

Sample No: 14N05498

Total Nitrogen	7.95 %	7 %
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Manufacturer: United Suppliers Inc, Ames, IA
Description: 11-0-0-24

Sample No: 14N05310

Sulfur	23.86 %	24 %
Total Nitrogen	11.26 %	11 %

Description: 28-0-0

Sample No: 14N05309

Total Nitrogen	29.37 %	28 %
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Manufacturer: United Suppliers Inc, Eldora, IA
Description: MAP 11-52-0

Sample No: 14N03129

Total Nitrogen	12.79 %	11 %
Overall Index Value	103 %	100 %
Available Phosphate as P2O5	51.53 %	52 %
Commercial Value		

Manufacturer: United Suppliers, Eldora, IA
Description: 0-0-60

Sample No: 14N03336

Soluble Potash	59.97 %	60 %
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Manufacturer: United Suppliers, Inc, Sioux Falls, SD
Description: Sulfur

Sample No: 14N14420

Sulfur	89.60 %	90 %
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Manufacturer: United Suppliers, Welcome, MN
Description: Urea 46-0-0

Sample No: 14N12292

Total Nitrogen	46.28 %	46 %
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Manufacturer: Valley Ag Supply Inc, Gayville, SD
Description: 0-0-60

Sample No: 14N02943

Soluble Potash	58.93 %	60 %
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Description:	46-0-0			
Sample No:	14N02941			
	Total Nitrogen	46.69 %	46 %	
Description:	MAP 11-52-0			
Sample No:	14N02942			
	Total Nitrogen	11.59 %	11 %	
	Available Phosphate as P2O5	52.64 %	52 %	
	Overall Index Value	102 %	100 %	
	Commercial Value			
Manufacturer:	Viborg Co-op, Irene, SD			
Description:	0-0-0-S90			
Sample No:	14N02220			
	Sulfur	89.80 %	90 %	
Description:	0-0-0-Zn35.5			
Sample No:	14N02221			
	Zinc	35.6 %	35.5 %	
Description:	0-0-60			
Sample No:	14N02219			
	Soluble Potash	58.77 %	60 %	
Manufacturer:	Volga Ag Center , Bruce, SD			
Description:	7-18-25-S8			
Sample No:	14N03780			
	Soluble Potash	23.75 %	25 %	
	Total Nitrogen	7.31 %	7 %	
	Available Phosphate as P2O5	23.34 %	18 %	
	Sulfur	6.670 %	8 %	Deficient
	Overall Index Value	113 %	100 %	
	Commercial Value			
Manufacturer:	Volga Ag Center, Volga, SD			
Description:	38-8-8			
Sample No:	14N03338			
	Total Nitrogen	37.13 %	38 %	
	Overall Index Value	102 %	100 %	
	Soluble Potash	8.51 %	8 %	
	Available Phosphate as P2O5	10.61 %	8 %	
	Commercial Value			
Sample No:	14N03357			
	Overall Index Value	104 %	100 %	
	Available Phosphate as P2O5	8.260 %	8 %	
	Soluble Potash	9.02 %	8 %	
	Total Nitrogen	33.97 %	33 %	
	Commercial Value			

Manufacturer: Voluntary Purchasing Group Inc., Bonham, TX
Description: Chelated Liquid Iron

Sample No: 14N05271
 Iron 4.13 ug/g (ppm) 3.25 %

Description: Yield Booster

Sample No: 14N05272
 Calcium 10.3 % 10 %

Manufacturer: Voluntary Purchasing Groups, Bonham, TX
Description: Root Stimulator & Plant Starter Solution

Sample No: 14N04949
 Available Phosphate as P2O5 10.14 % 10 %
 Commercial Value
 Total Nitrogen 5.23 % 4 %
 Soluble Potash 3.07 % 3 %
 Overall Index Value 112 % 100 %

Manufacturer: VPG, Bonham, TX
Description: Horticultural Hydrated Lime

Sample No: 14N04002
 Calcium 53.1 % 51.0 %

Manufacturer: Warne Chemical & Equip Co / Kenco Inc, Rapid City, SD
Description: 32-0-0

Sample No: 14N03256
 Total Nitrogen 32.57 % 32 %

Manufacturer: Watertown LLC, Watertown, SD
Description: 46-0-0

Sample No: 14N03317
 Total Nitrogen 46.39 % 46 %

Manufacturer: Welcome Branch, Welcome, MN
Description: 11-52-0

Sample No: 14N02935
 Available Phosphate as P2O5 51.39 % 52 %
 Overall Index Value 98.9 % 100 %
 Total Nitrogen 10.89 % 11 %
 Commercial Value

Manufacturer: West Central Inc - Brooten MN, Brooten, MN
Description: 0-0-60

Sample No: 14N03787
 Soluble Potash 59.44 % 60 %

Manufacturer: West Central Inc., Willmar, MN
Description: 7-23-3

Commercial Value		
Soluble Potash	3.22 %	3 %
Total Nitrogen	7.13 %	7 %

Manufacturer: West Central, Madison, SD
Description: 21-0-0-S24

Sample No: 14N03061

Sulfur	24.66 %	24 %
Total Nitrogen	20.65 %	21 %

Manufacturer: West Central, Willmar, MN
Description: 6-12-2-0-Zn1

Sample No: 14N04364

Commercial Value		
Iron	0.281 ug/g (ppm)	0.3 %
Soluble Potash	2.15 %	2.0 %
Overall Index Value	105 %	100 %
Available Phosphate as P2O5	12.03 %	12.0 %
Total Nitrogen	6.67 %	6.0 %
Zinc	1.03 %	1.0 %

Manufacturer: Wheat Growers, Wessington Springs, SD
Description: 32-14-0-S4

Sample No: 14N02553

Available Phosphate as P2O5	16.67 %	14 %
Total Nitrogen	32.01 %	32 %
Commercial Value		
Overall Index Value	104 %	100 %
Sulfur	4.590 %	4 %

Manufacturer: Wheat Growers, Woolsey, SD
Description: MAP

Sample No: 14N02628

Commercial Value		
Overall Index Value	102 %	100 %
Total Nitrogen	11.89 %	11 %
Available Phosphate as P2O5	52.17 %	52 %

Manufacturer: Whitney Farms, Marysville, OH
Description: Natural Blood Meal

Sample No: 14N05265

Total Nitrogen	15.18 %	12 %
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Manufacturer: Wilbur Ellis, Huron, SD
Description: 11-52-0

Sample No: 14N03549

Available Phosphate as P2O5	51.88 %		52 %
Overall Index Value		102 %	100 %
Total Nitrogen	11.97 %		11 %
Commercial Value			

Description: 21-0-0-S24

Sample No: 14N03550

Total Nitrogen	21.33 %		21 %
Sulfur	24.86 %		24 %

Description: 23.68-0-23.95-Zn1.79

Sample No: 14N03809

Total Nitrogen	6.39 %	23.68 %	Deficient
Soluble Potash (STPB)	22.76 %	23.95 %	
Commercial Value (STPB)			
Overall Index Value (STPB)			Deficient
Zinc	2.15 %	1.79 %	

Description: 37.03-0-0-S8.16

Sample No: 14N03810

Sulfur	8.750 %	8.16 %
Total Nitrogen	36.52 %	37.03 %

Description: 37.07-0-0-S8.13

Sample No: 14N03811

Total Nitrogen	33.22 %	37.07 %	Deficient
Sulfur	8.650 %	8.13 %	

Description: 46-0-0

Sample No: 14N03548

Total Nitrogen	46.65 %	46 %
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Manufacturer: Winfield Solutions, St. Paul, MN

Description: 0-0-0-B14.3

Sample No: 14N02627

Boron	15.0 %	14.3 %
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Description: 0-0-0-S90

Sample No: 14N03489

Sulfur	90.02 %	90 %
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Sample No: 14N03779

Sulfur	91.07 %	90 %
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Sample No: 14N04148

Sulfur	89.03 %	90 %
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Manufacturer: Yankton Ag Service, Yankton, SD

Description: 0-0-60

Sample No: 14N03068

Soluble Potash 58.57 % 60 %

Description: 21-0-0-S24

Sample No: 14N03069

Total Nitrogen 21.32 % 21 %
Sulfur 24.39 % 24 %

Description: 46-0-0

Sample No: 14N03067

Total Nitrogen 46.48 % 46 %

Description: 52-26-10

Sample No: 14N03070

Overall Index Value 101 % 100 %
Available Phosphate as P2O5 18.72 % 15.5 %
Commercial Value
Soluble Potash 6.53 % 5.96 %
Total Nitrogen 29.08 % 31 % Deficient

Description: MAP 11-52-0

Sample No: 14N03071

Commercial Value Total
Nitrogen 11.12 % 11 %
Available Phosphate as P2O5 52.76 % 52 %
Overall Index Value 101 % 100 %

Manufacturer: Yara Belle Plaine Inc 215-187 Scarth St., Belle Plaine, Saskatchewan, Canada, none

Description: 46-0-0

Sample No: 14N03293

Total Nitrogen 46.46 % 46 %

Manufacturer: Yara Belle Plaine, Inc., Carol Stream, IL

Description: 40-0-0-5S

Sample No: 14N05533

Total Nitrogen 41.60 % 40 %
Sulfur 5.700 % 5 %

Manufacturer: Zinc National, Monterrey NL, NM

Description: 0-0-0-Zn35.5

Sample No: 14N03128

Zinc 35.2 % 35.5 %

2014 Fertilizer Analyte Tools

2014 Fertilizer Analyte Totals

<u>Analyte</u>	<u>Units</u>	<u>Collected in 2014</u>
2,4-D	%	1
Available Phosphate as P2O5	%	233
Available Phosphate as P2O5	ug/g (ppm)	4
Boron	%	6
Calcium	%	15
Chloride	%	1
Chlorine	%	6
Commercial Value		250
Commercial Value (STPB)		13
Copper	ug/g (ppm)	1
Iron	ug/g (ppm)	19
Magnesium, Acid Soluble	%	7
Magnesium, Water Soluble	%	4
Manganese, Acid Soluble	%	3
Nitrate-Nitrogen	%	2
Overall Index Value	%	250
Overall Index Value (STPB)		13
Sample Cancelled		15
Soluble Potash	%	172
Soluble Potash	ug/g (ppm)	4
Soluble Potash (STPB)	%	19
Sulfur	%	137
Total Nitrogen	%	426
Total Nitrogen	ug/g (ppm)	5
Zinc	%	52
Total Fertilizer Analyses:		1,658.00

Detail Fertilizer Summary

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	0-0-0	336.17	4.00	314.00	18.17	336.17	0.00
0	0-0-1	3.55	0.00	0.00	3.55	3.55	0.00
0	0-0-2	0.91	0.00	0.00	0.91	0.91	0.00
0	0-0-8	0.59	0.59	0.00	0.00	0.59	0.00
0	0-0-15	51.67	0.00	49.52	2.15	51.67	0.00
0	0-0-20	5.00	0.00	5.00	0.00	5.00	0.00
0	0-0-21	413.61	0.00	413.09	0.52	413.61	0.00
0	0-0-22	53.00	0.00	53.00	0.00	53.00	0.00
0	0-0-23	10.56	0.00	0.00	10.56	10.56	0.00
0	0-0-25	599.14	0.00	161.37	437.78	599.14	0.00
0	0-0-28	12.00	0.00	0.00	12.00	12.00	0.00
0	0-0-30	21.08	0.00	0.28	20.80	21.08	0.00
0	0-0-32	55.47	0.00	55.47	0.00	55.47	0.00
0	0-0-45	30.20	0.00	0.00	30.20	30.20	0.00
0	0-0-50	45.00	0.00	45.00	0.00	45.00	0.00
0	0-0-52	21.60	0.00	0.00	21.60	21.60	0.00
0	0-0-54	4.00	0.00	4.00	0.00	4.00	0.00
0	0-0-58	372.30	0.00	372.30	0.00	372.30	0.00
0	0-0-59	7.00	0.00	7.00	0.00	7.00	0.00
0	0-0-61	682.65	0.00	682.65	0.00	682.65	0.00
0	0-0-62.3	136.00	0.00	0.00	136.00	136.00	0.00
0	0-5-0	0.01	0.01	0.00	0.00	0.01	0.00
0	0-9-18	43.33	0.00	0.00	43.33	43.33	0.00
0	0-12-0	0.03	0.00	0.00	0.03	0.03	0.00
0	0-17-24	402.88	0.00	124.00	278.88	402.88	0.00
0	0-21-0	28.24	28.24	0.00	0.00	28.24	0.00
0	0-45-0	0.20	0.00	0.00	0.20	0.20	0.00
0	0-52-34	19.80	19.80	0.00	0.00	19.80	0.00
0	0-60-20	42.00	42.00	0.00	0.00	42.00	0.00
0	0-69-0	298.70	0.00	0.00	298.70	298.70	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0.01-0.05-0.05		3.54	3.54	0.00	0.00	3.54	0.00
0.02-0.02-0.02		0.24	0.00	0.00	0.24	0.24	0.00
0.05-0.02-0.04		0.01	0.01	0.00	0.00	0.01	0.00
0.05-0.04-0.03		265.00	265.00	0.00	0.00	265.00	0.00
0.05-0.05-0.03		3.00	3.00	0.00	0.00	3.00	0.00
0.05-0.05-0.05		4.96	0.16	4.80	0.00	4.96	0.00
0.06-0.02-0.04		5.90	5.90	0.00	0.00	5.90	0.00
0.07-0.01-0.03		31.56	3.54	28.02	0.00	31.56	0.00
0.07-0.04-0.03		3.76	3.76	0.00	0.00	3.76	0.00
0.07-0.05-0.06		0.50	0.50	0.00	0.00	0.50	0.00
0.07-0.07-0.07		1.15	1.15	0.00	0.00	1.15	0.00
0.08-0.03-0.02		63.70	63.70	0.00	0.00	63.70	0.00
0.08-0.05-0.05		0.75	0.75	0.00	0.00	0.75	0.00
0.09-0.05-0.07		569.44	569.44	0.00	0.00	569.44	0.00
00.1-0.02-0.05		1.31	1.31	0.00	0.00	1.31	0.00
00.1-0.03-0.02		58.14	58.14	0.00	0.00	58.14	0.00
00.1-0.05-0.05		51.17	48.10	3.07	0.00	51.17	0.00
0 0.1-0.05-0.1		21.93	21.93	0.00	0.00	21.93	0.00
0.12-0.09-0.07		204.60	204.60	0.00	0.00	204.60	0.00
00.15-0.05-0.1		10.56	10.56	0.00	0.00	10.56	0.00
0.15-0.15-0.15		106.43	18.83	87.60	0.00	106.43	0.00
0.17-0.05-0.11		0.11	0.11	0.00	0.00	0.11	0.00
0.18-0.06-0.12		0.12	0.12	0.00	0.00	0.12	0.00
00.18-0.1-0.12		1.33	1.33	0.00	0.00	1.33	0.00
0.19-0.11-0.15		12.50	12.50	0.00	0.00	12.50	0.00
0.19-0.11-0.16		0.99	0.99	0.00	0.00	0.99	0.00
0.21-0.07-0.14		91.47	54.42	37.05	0.00	91.47	0.00
0.21-0.11-0.16		1,112.54	1,112.54	0.00	0.00	1,112.54	0.00
00.7-0.01-0.03		5.00	5.00	0.00	0.00	5.00	0.00
0 1-0-0		122.29	39.79	18.63	63.87	122.29	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	1-0-1	4.20	3.20	0.00	1.00	4.20	0.00
0	1-1-1	0.42	0.00	0.00	0.42	0.42	0.00
0	1-2-1	1.00	0.00	0.00	1.00	1.00	0.00
0.43-2.86-0.46		91.00	0.00	91.00	0.00	91.00	0.00
0.5-7.08-10.89		15.24	0.00	15.24	0.00	15.24	0.00
0 1.52-7.18-0		31.41	0.00	31.41	0.00	31.41	0.00
0.79-8.45-5.64		3.26	0.00	3.26	0.00	3.26	0.00
0 2-0-0		90.25	0.25	0.00	90.00	90.25	0.00
0 2-0-3		1.00	0.00	0.00	1.00	1.00	0.00
0 2-0-10		52.00	0.00	0.00	52.00	52.00	0.00
0 2-0-25		0.60	0.60	0.00	0.00	0.60	0.00
0 2-1-1		6.60	0.00	6.60	0.00	6.60	0.00
0 2-1-2		0.10	0.10	0.00	0.00	0.10	0.00
0 2-1-6		608.55	0.00	0.00	608.55	608.55	0.00
0 2-2-0		84.00	0.00	0.00	84.00	84.00	0.00
0 2-2-1		10,454.20	0.00	10,454.20	0.00	10,454.20	0.00
0 2-3-0		0.01	0.01	0.00	0.00	0.01	0.00
0 2-3-1		0.01	0.00	0.00	0.01	0.01	0.00
0 2-4-0		0.70	0.00	0.00	0.70	0.70	0.00
0 2-4-1		49.62	0.00	0.00	49.62	49.62	0.00
0 2-5-0		81.00	0.00	0.00	81.00	81.00	0.00
0 2-5-5		0.02	0.00	0.00	0.02	0.02	0.00
0 2-7-4		0.02	0.02	0.00	0.00	0.02	0.00
0 2-7-7		0.01	0.00	0.00	0.01	0.01	0.00
0 2-8-4		0.02	0.00	0.00	0.02	0.02	0.00
0 2-10-0		0.23	0.00	0.23	0.00	0.23	0.00
0 2-15-15		0.09	0.00	0.00	0.09	0.09	0.00
0 2-15-19		49.32	0.00	0.00	49.32	49.32	0.00
0 2-16-14		197.00	0.00	0.00	197.00	197.00	0.00
0 2-17-17		1.00	0.00	1.00	0.00	1.00	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	2.42-4.35-0	30.11	0.00	30.11	0.00	30.11	0.00
0	2.5-11.7-5.8	10.21	0.00	10.21	0.00	10.21	0.00
	02.6-12.3-33.2	8.15	8.15	0.00	0.00	8.15	0.00
0	2.73-12.87-0	13.25	0.00	13.25	0.00	13.25	0.00
	0 2.92-5.19-0	32.89	0.00	32.89	0.00	32.89	0.00
	0 3-0-0	5.43	0.00	0.00	5.43	5.43	0.00
	0 3-0-8	69.59	42.00	0.00	27.59	69.59	0.00
	0 3-1-2	4.00	0.00	0.00	4.00	4.00	0.00
	0 3-2-0	14.50	0.00	0.00	14.50	14.50	0.00
	0 3-3-1	0.06	0.06	0.00	0.00	0.06	0.00
	0 3-3-3	8.44	8.44	0.00	0.00	8.44	0.00
	0 3-4-2	0.39	0.00	0.39	0.00	0.39	0.00
	0 3-4-3	0.14	0.12	0.02	0.00	0.14	0.00
	0 3-4-5	0.05	0.00	0.05	0.00	0.05	0.00
	0 3-4-8	8.01	0.00	0.00	8.01	8.01	0.00
	0 3-5-3	0.03	0.03	0.00	0.00	0.03	0.00
	0 3-5-4	13.16	0.00	0.00	13.16	13.16	0.00
	0 3-10-3	0.30	0.00	0.00	0.30	0.30	0.00
	0 3-10-8	5.31	0.00	0.00	5.31	5.31	0.00
	0 3-10-10	30.00	0.00	0.00	30.00	30.00	0.00
	0 3-17-17	1.00	0.00	1.00	0.00	1.00	0.00
	0 3-18-18	675.61	0.00	314.63	360.98	675.61	0.00
	0 3.5-9.1-10.5	3.23	0.00	3.23	0.00	3.23	0.00
0	-16.96-12.72	16.67	16.67	0.00	0.00	16.67	0.00
03.7	-17.3-39.8	18.33	0.00	18.33	0.00	18.33	0.00
	0 3.7-19.3-30	19.80	0.00	19.80	0.00	19.80	0.00
	0 3.9-18.3-4.6	16.47	0.00	16.47	0.00	16.47	0.00
	0 4-0-0	219.77	0.00	185.58	34.19	219.77	0.00
	0 4-2-3	0.16	0.00	0.16	0.00	0.16	0.00
	0 4-2-8	3.00	3.00	0.00	0.00	3.00	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
	0 4-3-1	0.10	0.10	0.00	0.00	0.10	0.00
	0 4-3-2	1,310.91	1.10	1,309.81	0.00	1,310.91	0.00
	0 4-3-3	1.08	0.00	0.00	1.08	1.08	0.00
	0 4-3-4	0.01	0.01	0.00	0.00	0.01	0.00
	0 4-3-6	1.00	0.00	0.00	1.00	1.00	0.00
	0 4-4-2	0.03	0.03	0.00	0.00	0.03	0.00
	0 4-4-4	0.21	0.21	0.00	0.00	0.21	0.00
	0 4-5-2	2.94	0.00	0.00	2.94	2.94	0.00
	0 4-6-4	492.00	492.00	0.00	0.00	492.00	0.00
	0 4-7-4	0.78	0.78	0.00	0.00	0.78	0.00
	0 4-8-4	21.43	0.00	21.43	0.00	21.43	0.00
	0 4-10-3	0.12	0.00	0.00	0.12	0.12	0.00
	0 4-10-10	142.01	0.05	7.29	134.67	142.01	0.00
	0 4-12-4	2.02	2.02	0.00	0.00	2.02	0.00
	0 4-15-12	0.09	0.00	0.00	0.09	0.09	0.00
	0 4-18-18	3.60	0.00	0.00	3.60	3.60	0.00
	0 4-19-38	3.90	0.00	3.90	0.00	3.90	0.00
	0 4-53-2	21.00	21.00	0.00	0.00	21.00	0.00
	0 4.2-20-32.4	26.20	0.00	26.20	0.00	26.20	0.00
	04.2-20.9-31.4	14.83	0.00	14.83	0.00	14.83	0.00
	0 -21.27-25.52	2.82	0.00	2.82	0.00	2.82	0.00
	0 5-0-0	50.53	0.00	4.29	46.24	50.53	0.00
	0 5-0-5	0.20	0.20	0.00	0.00	0.20	0.00
	0 5-1-1	2.65	2.65	0.00	0.00	2.65	0.00
	0 5-2-0	103.00	103.00	0.00	0.00	103.00	0.00
	0 5-4-2	12.54	0.00	0.00	12.54	12.54	0.00
	0 5-4-3	63.00	63.00	0.00	0.00	63.00	0.00
	0 5-4-4	26.00	0.00	0.00	26.00	26.00	0.00
	0 5-5-5	15.08	0.06	15.02	0.00	15.08	0.00
	0 5-12-4	32.00	0.00	0.00	32.00	32.00	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	5-23.7-23.7	2.16	0.00	2.16	0.00	2.16	0.00
0	5-25-10	1.00	1.00	0.00	0.00	1.00	0.00
05.1	24.3-20.8	10.96	0.00	10.96	0.00	10.96	0.00
05.2	26.2-29.5	4.93	0.00	4.93	0.00	4.93	0.00
0	25.59-21.93	4.99	0.00	4.99	0.00	4.99	0.00
05.5	27.5-27.9	26.98	0.00	26.98	0.00	26.98	0.00
05.6	26.6-22.2	28.16	0.00	28.16	0.00	28.16	0.00
0	26.56-22.76	11.21	0.00	11.21	0.00	11.21	0.00
0	5.7-26.8-23	10.28	0.00	10.28	0.00	10.28	0.00
05.7	26.9-22.4	14.94	0.00	14.94	0.00	14.94	0.00
0	27.01-24.01	11.27	0.00	11.27	0.00	11.27	0.00
05.8	27.2-23.8	20.64	0.00	20.64	0.00	20.64	0.00
05.9	29.4-25.5	1.54	0.00	1.54	0.00	1.54	0.00
0	6-0-0	0.31	0.00	0.00	0.31	0.31	0.00
0	6-0-1	2.00	0.00	2.00	0.00	2.00	0.00
0	6-2-0	16.85	16.85	0.00	0.00	16.85	0.00
0	6-2-1	0.13	0.00	0.00	0.13	0.13	0.00
0	6-3-3	0.02	0.02	0.00	0.00	0.02	0.00
0	6-4-3	16.82	0.00	0.00	16.82	16.82	0.00
0	6-4-4	0.07	0.00	0.00	0.07	0.07	0.00
0	6-9-0	0.02	0.02	0.00	0.00	0.02	0.00
0	6-12-2	585.89	0.00	460.50	125.39	585.89	0.00
0	6-12-6	0.06	0.06	0.00	0.00	0.06	0.00
0	6-18-5	136.00	0.00	0.00	136.00	136.00	0.00
0	6-18-6	0.03	0.03	0.00	0.00	0.03	0.00
0	6-20-5	265.21	0.00	50.40	214.81	265.21	0.00
0	6-24-6	6,560.08	0.00	1,925.13	4,634.95	6,560.08	0.00
06.1	28.7-20.1	6.81	0.00	6.81	0.00	6.81	0.00
06.1	28.8-22.4	5.71	0.00	5.71	0.00	5.71	0.00
06.1	28.9-20.7	1.92	0.00	1.92	0.00	1.92	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
06.1-30.3-24.4		35.17	0.00	35.17	0.00	35.17	0.00
0 4-28.97-16.1		3.03	0.00	3.03	0.00	3.03	0.00
06.2-30.8-23.8		10.97	0.00	10.97	0.00	10.97	0.00
0 -29.55-17.73		36.26	0.00	36.26	0.00	36.26	0.00
06.3-29.8-19.9		11.38	0.00	11.38	0.00	11.38	0.00
0 6.4-30.2-25		44.30	0.00	44.30	0.00	44.30	0.00
06.4-30.2-25.2		19.78	0.00	19.78	0.00	19.78	0.00
06.4-30.3-19.4		5.21	0.00	5.21	0.00	5.21	0.00
06.4-30.5-20.3		5.83	0.00	5.83	0.00	5.83	0.00
0 6.4-32-22.3		8.91	0.00	8.91	0.00	8.91	0.00
0 6-30.56-13.1		7.15	0.00	7.15	0.00	7.15	0.00
0 -30.57-15.28		9.48	0.00	9.48	0.00	9.48	0.00
0 3-30.8-14.81		32.50	0.00	32.50	0.00	32.50	0.00
0 6.6-31-17.7		2.97	0.00	2.97	0.00	2.97	0.00
06.6-31.1-17.3		11.59	0.00	11.59	0.00	11.59	0.00
06.6-31.4-17.1		7.70	7.70	0.00	0.00	7.70	0.00
06.7-31.4-15.7		5.84	0.00	5.84	0.00	5.84	0.00
06.7-31.5-17.5		6.67	0.00	6.67	0.00	6.67	0.00
06.7-31.6-15.8		5.37	0.00	5.37	0.00	5.37	0.00
06.7-31.9-15.9		8.71	0.00	8.71	0.00	8.71	0.00
06.7-32.2-14.9		250.00	0.00	250.00	0.00	250.00	0.00
0 6.8-32-12.8		1.47	0.00	1.47	0.00	1.47	0.00
0 6.8-32-16.4		11.76	0.00	11.76	0.00	11.76	0.00
0 6.8-32-17.8		6.18	0.00	6.18	0.00	6.18	0.00
06.8-32.2-14.9		2.28	0.00	2.28	0.00	2.28	0.00
0	7-0-0	1.00	0.00	1.00	0.00	1.00	0.00
0	7-0-1	21.19	18.00	0.00	3.19	21.19	0.00
0	7-1-2	0.04	0.04	0.00	0.00	0.04	0.00
0	7-7-7	0.04	0.00	0.00	0.04	0.04	0.00
0	7-9-7	0.01	0.01	0.00	0.00	0.01	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	7-10-0	1.46	0.00	1.46	0.00	1.46	0.00
0	7-12-15	0.16	0.16	0.00	0.00	0.16	0.00
0	7-17-3	1,130.36	0.00	60.00	1,070.36	1,130.36	0.00
0	7-17-7	52.18	0.00	0.00	52.18	52.18	0.00
0	7-20-3	82.55	0.00	82.55	0.00	82.55	0.00
0	7-21-7	515.41	0.00	220.23	295.18	515.41	0.00
0	7-23-3	1,169.24	0.00	0.00	1,169.24	1,169.24	0.00
0	7-23-5	1,632.00	0.00	0.00	1,632.00	1,632.00	0.00
0	7-25-5	1,136.17	0.00	0.00	1,136.17	1,136.17	0.00
0	7-33-19	3.94	0.00	3.94	0.00	3.94	0.00
0	7-33-22	73.50	0.00	73.50	0.00	73.50	0.00
0	7-38-0	0.00	0.00	0.00	0.00	0.00	0.00
0	7-53-2	18.33	18.33	0.00	0.00	18.33	0.00
07.1-33.6-12.9		2.93	0.00	2.93	0.00	2.93	0.00
0 7.1-33.7-8.4		8.76	0.00	8.76	0.00	8.76	0.00
0 7.1-43-6		652.61	0.00	652.61	0.00	652.61	0.00
07.2-33.9-12.7		50.98	0.00	50.98	0.00	50.98	0.00
07.2-34.1-15.7		24.30	0.00	24.30	0.00	24.30	0.00
07.2-34.2-11.4		9.23	0.00	9.23	0.00	9.23	0.00
07.2-34.2-20.5		53.32	0.00	53.32	0.00	53.32	0.00
0 7.3-34.7-20		24.48	0.00	24.48	0.00	24.48	0.00
07.4-34.9-11.8		7.41	0.00	7.41	0.00	7.41	0.00
07.4-34.9-12.5		17.60	0.00	17.60	0.00	17.60	0.00
07.4-34.9-17.4		1.50	0.00	1.50	0.00	1.50	0.00
0 7.5-35.3-17		4.49	0.00	4.49	0.00	4.49	0.00
07.5-35.4-10.6		3.35	0.00	3.35	0.00	3.35	0.00
0 7.6-36-13.8		14.44	0.00	14.44	0.00	14.44	0.00
07.7-36.4-13.7		49.65	0.00	49.65	0.00	49.65	0.00
07.7-36.5-13.6		10.54	0.00	10.54	0.00	10.54	0.00
07.7-69.3-18.1		8.60	0.00	8.60	0.00	8.60	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0 7.9-8.2-18.5		215.00	0.00	215.00	0.00	215.00	0.00
0 8-0-0		145.35	0.00	131.71	13.64	145.35	0.00
0 8-2-1		0.73	0.73	0.00	0.00	0.73	0.00
0 8-2-2		0.06	0.06	0.00	0.00	0.06	0.00
0 8-2-4		13.03	13.01	0.02	0.00	13.03	0.00
0 8-10-0		0.30	0.00	0.30	0.00	0.30	0.00
0 8-10-2		0.10	0.00	0.00	0.10	0.10	0.00
0 8-10-99		21.00	0.00	0.00	21.00	21.00	0.00
0 8-12-4		0.60	0.00	0.00	0.60	0.60	0.00
0 8-15-8		2.20	0.00	0.00	2.20	2.20	0.00
0 8-16-8		0.06	0.00	0.00	0.06	0.06	0.00
0 8-16-11		988.34	0.00	101.00	887.34	988.34	0.00
0 8-19-3		105.88	0.00	105.88	0.00	105.88	0.00
0 8-20-0		132.00	0.00	0.00	132.00	132.00	0.00
0 8-20-3		1,065.68	0.00	0.00	1,065.68	1,065.68	0.00
0 8-20-5		744.77	0.00	519.42	225.35	744.77	0.00
0 8-20-8		1,027.00	0.00	0.00	1,027.00	1,027.00	0.00
0 8-24-0		4,054.18	15.00	308.88	3,730.30	4,054.18	0.00
0 8-24-4		3,906.24	220.00	127.36	3,558.88	3,906.24	0.00
0 8-24-6		0.06	0.00	0.00	0.06	0.06	0.00
0 8-24-24		9.28	8.00	1.28	0.00	9.28	0.00
0 8-32-5		0.13	0.00	0.00	0.13	0.13	0.00
0 8-37.7-11.6		11.68	0.00	11.68	0.00	11.68	0.00
0 8-50-0		1.48	1.48	0.00	0.00	1.48	0.00
0 8.1-38.1-6.4		2.55	0.00	2.55	0.00	2.55	0.00
0 8.2-38.6-5.9		5.37	0.00	5.37	0.00	5.37	0.00
0 8.3-39.3-5.6		7.18	0.00	7.18	0.00	7.18	0.00
0 8.5-40-5.3		7.69	0.00	7.69	0.00	7.69	0.00
0 9-4-9		0.34	0.34	0.00	0.00	0.34	0.00
0 9-4-12		0.97	0.97	0.00	0.00	0.97	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0 9-6-5		6.00	0.00	6.00	0.00	6.00	0.00
0 9-11-9		195.89	0.00	0.00	195.89	195.89	0.00
0 9-12-9		8.99	8.99	0.00	0.00	8.99	0.00
0 9-15-4		818.55	26.00	0.00	792.55	818.55	0.00
0 9-18-9		765.70	2.27	93.00	670.43	765.70	0.00
0 9-20-3		26.52	0.00	26.52	0.00	26.52	0.00
0 9-20-55		30.00	0.00	0.00	30.00	30.00	0.00
0 9-22-16		5.95	5.95	0.00	0.00	5.95	0.00
0 9-24-3		7,283.20	0.00	0.00	7,283.20	7,283.20	0.00
0 9-30-0		74.60	0.00	0.00	74.60	74.60	0.00
0 9-42-12		30.63	0.00	30.63	0.00	30.63	0.00
0 9-45-15		1.00	1.00	0.00	0.00	1.00	0.00
0 9-53-0		1.00	1.00	0.00	0.00	1.00	0.00
0 9.2-43.5-3.8		12.90	0.00	12.90	0.00	12.90	0.00
0 9.6-45.6-0		25.79	0.00	25.79	0.00	25.79	0.00
0 9.7-46.1-0		1.63	0.00	1.63	0.00	1.63	0.00
0 9.8-46.4-0		25.62	0.00	25.62	0.00	25.62	0.00
0 9.8-46.5-0		15.46	0.00	15.46	0.00	15.46	0.00
0 9.9-46.8-0		59.18	0.00	59.18	0.00	59.18	0.00
0 9.9-46.9-0		24.94	0.00	24.94	0.00	24.94	0.00
0 10-0-10		19.33	0.00	5.00	14.33	19.33	0.00
0 10-0-10.5		39.51	0.00	0.00	39.51	39.51	0.00
0 10-4-3		3.30	0.00	0.00	3.30	3.30	0.00
0 10-5-4		0.38	0.38	0.00	0.00	0.38	0.00
0 10-5-5		0.16	0.00	0.16	0.00	0.16	0.00
0 10-8-6		9.00	9.00	0.00	0.00	9.00	0.00
0 10-10-1		0.06	0.00	0.00	0.06	0.06	0.00
0 10-10-2		0.05	0.00	0.05	0.00	0.05	0.00
0 10-10-5		36.00	24.00	12.00	0.00	36.00	0.00
0 10-10-10		185.46	184.65	0.00	0.81	185.46	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
010-10-23	11.00	0.00	11.00	0.00	11.00	0.00	0.00
010-12-10	0.35	0.35	0.00	0.00	0.35	0.00	0.00
010-15-15	0.82	0.82	0.00	0.00	0.82	0.00	0.00
010-16-38	0.10	0.10	0.00	0.00	0.10	0.00	0.00
010-17-19	34.00	0.00	34.00	0.00	34.00	0.00	0.00
010-17-20	12.00	0.00	12.00	0.00	12.00	0.00	0.00
010-18-4	70.91	0.00	0.00	70.91	70.91	0.00	0.00
010-18-6	17.00	17.00	0.00	0.00	17.00	0.00	0.00
010-18-10	4.44	4.44	0.00	0.00	4.44	0.00	0.00
010-18-22	1.00	1.00	0.00	0.00	1.00	0.00	0.00
010-20-2	17.77	0.00	0.00	17.77	17.77	0.00	0.00
010-20-5	820.40	0.00	820.40	0.00	820.40	0.00	0.00
010-20-10	45.00	0.00	0.00	45.00	45.00	0.00	0.00
010-20-20	0.02	0.02	0.00	0.00	0.02	0.00	0.00
010-24-17	26.00	0.00	26.00	0.00	26.00	0.00	0.00
010-25-0	150.23	0.00	0.00	150.23	150.23	0.00	0.00
010-25-14	91.00	0.00	91.00	0.00	91.00	0.00	0.00
010-30-0	148.74	0.00	148.74	0.00	148.74	0.00	0.00
010-33.2-10	162.03	0.00	162.03	0.00	162.03	0.00	0.00
010-47.1-0	2.66	0.00	2.66	0.00	2.66	0.00	0.00
010-49-0	41.00	0.00	41.00	0.00	41.00	0.00	0.00
010-50-0	58,985.43	0.00	58,609.43	376.00	58,985.43	0.00	0.00
010-52-10	6.36	6.36	0.00	0.00	6.36	0.00	0.00
010-52-17	1.00	1.00	0.00	0.00	1.00	0.00	0.00
010.1-47.7-0	4.56	0.00	4.56	0.00	4.56	0.00	0.00
010.2-48.1-0	1.67	0.00	1.67	0.00	1.67	0.00	0.00
010.5-49.6-0	5.74	0.00	5.74	0.00	5.74	0.00	0.00
010.6-50.3-0	9.91	0.00	9.91	0.00	9.91	0.00	0.00
00.63-18.92-0	4.21	0.00	4.21	0.00	4.21	0.00	0.00
010.7-19.1-0	3.51	0.00	3.51	0.00	3.51	0.00	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
010.7-32.3-9.7		12.00	0.00	12.00	0.00	12.00	0.00
0	10.7-50.8-0	17.98	0.00	17.98	0.00	17.98	0.00
0	10.9-51.6-0	54.64	0.00	54.64	0.00	54.64	0.00
0	11-0-0	2,770.46	132.00	2,056.47	581.99	2,770.46	0.00
0	11-2-2	0.29	0.29	0.00	0.00	0.29	0.00
0	11-3-4	0.02	0.02	0.00	0.00	0.02	0.00
0	11-4-0	17.00	0.00	17.00	0.00	17.00	0.00
0	11-7-7	0.80	0.80	0.00	0.00	0.80	0.00
0	11-8-5	162.76	0.00	0.00	162.76	162.76	0.00
0	11-11-20	16.00	0.00	16.00	0.00	16.00	0.00
0	11-12-19	5.00	0.00	5.00	0.00	5.00	0.00
0	11-15-17	13.00	0.00	13.00	0.00	13.00	0.00
0	11-17-16	31.00	0.00	31.00	0.00	31.00	0.00
0	11-22-14	7.00	0.00	7.00	0.00	7.00	0.00
0	11-28-9	297.00	0.00	297.00	0.00	297.00	0.00
0	11-28-18	7.75	7.75	0.00	0.00	7.75	0.00
0	11-51.8-0	95.74	0.00	95.74	0.00	95.74	0.00
0	11-52-10	11.10	11.10	0.00	0.00	11.10	0.00
0	11.1-32-9.9	366.00	0.00	366.00	0.00	366.00	0.00
01.3-26.3-13.2		9.18	0.00	9.18	0.00	9.18	0.00
01.3-29.2-11.7		4.61	0.00	4.61	0.00	4.61	0.00
0	12-0-0	0.13	0.00	0.13	0.00	0.13	0.00
0	12-0-4	12.40	12.40	0.00	0.00	12.40	0.00
0	12-0-12	9.83	0.00	0.00	9.83	9.83	0.00
0	12-3-3	54.00	0.00	0.00	54.00	54.00	0.00
0	12-4-8	12.90	12.89	0.00	0.01	12.90	0.00
0	12-6-12	1.99	1.99	0.00	0.00	1.99	0.00
0	12-7-18	2.00	2.00	0.00	0.00	2.00	0.00
0	12-8-8	0.07	0.07	0.00	0.00	0.07	0.00
0	12-8-30	0.05	0.05	0.00	0.00	0.05	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	12-9-6	1.06	1.00	0.00	0.06	1.06	0.00
0	12-10-10	1.01	1.01	0.00	0.00	1.01	0.00
0	12-12-4	0.10	0.00	0.10	0.00	0.10	0.00
0	12-12-12	24.00	8.00	16.00	0.00	24.00	0.00
0	12-16-4	0.61	0.00	0.61	0.00	0.61	0.00
0	12-16-8	9.00	9.00	0.00	0.00	9.00	0.00
0	12-16-15	24.00	0.00	24.00	0.00	24.00	0.00
0	12-22-10	2.00	0.00	2.00	0.00	2.00	0.00
0	12-24-6	44.18	44.18	0.00	0.00	44.18	0.00
0	12-24-12	20.23	20.23	0.00	0.00	20.23	0.00
0	12-24-14	0.05	0.05	0.00	0.00	0.05	0.00
0	12-24-24	1.00	1.00	0.00	0.00	1.00	0.00
0	12-28-12	6.65	0.25	6.40	0.00	6.65	0.00
0	12-31.2-15	3.39	0.00	3.39	0.00	3.39	0.00
0	12-35-6	183.00	0.00	183.00	0.00	183.00	0.00
0	12-40-0	78,192.99	0.00	78,192.54	0.45	78,192.99	0.00
0	12-40-10	1,175.78	0.00	1,175.78	0.00	1,175.78	0.00
0	12-44-10	16.58	0.00	16.58	0.00	16.58	0.00
0	12-45-0	217.00	0.00	217.00	0.00	217.00	0.00
0	12-55-6	0.02	0.02	0.00	0.00	0.02	0.00
0	12-61-0	206.00	206.00	0.00	0.00	206.00	0.00
012.3-25.6-9.8		326.25	0.00	326.25	0.00	326.25	0.00
02.5-23.2-11.6		0.34	0.00	0.34	0.00	0.34	0.00
0	12.8-22.8-0	7.81	0.00	7.81	0.00	7.81	0.00
0	12.8-41.4-0	4.60	0.00	4.60	0.00	4.60	0.00
0	12.9-37.8-0	12.01	0.00	12.01	0.00	12.01	0.00
0	13-0-0	192.36	49.46	0.00	142.90	192.36	0.00
0	13-0-5	15.77	15.77	0.00	0.00	15.77	0.00
0	13-0-6	9.00	9.00	0.00	0.00	9.00	0.00
0	13-0-19	10.00	0.00	10.00	0.00	10.00	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	13-0-46	109.00	109.00	0.00	0.00	109.00	0.00
0	13-3-3	64.00	0.00	0.00	64.00	64.00	0.00
0	13-3-40	1.55	1.55	0.00	0.00	1.55	0.00
0	13-4-5	0.08	0.08	0.00	0.00	0.08	0.00
0	13-6-52	121.00	0.00	121.00	0.00	121.00	0.00
0	13-7-13	0.03	0.03	0.00	0.00	0.03	0.00
0	13-13-13	50.83	41.83	9.00	0.00	50.83	0.00
0	13-33-0	2,988.00	0.00	2,988.00	0.00	2,988.00	0.00
0	13-33-75	5.00	0.00	5.00	0.00	5.00	0.00
0	13-38-0	16.00	0.00	16.00	0.00	16.00	0.00
0	13-52-0	75.00	0.00	75.00	0.00	75.00	0.00
0	14-0-14	2.01	2.01	0.00	0.00	2.01	0.00
0	14-2-14	0.63	0.63	0.00	0.00	0.63	0.00
0	14-11-8	119.00	119.00	0.00	0.00	119.00	0.00
0	14-14-14	15.76	15.76	0.00	0.00	15.76	0.00
0	14-20-4	1.36	1.36	0.00	0.00	1.36	0.00
0	15-0-0	1,497.14	0.00	0.00	1,497.14	1,497.14	0.00
0	15-0-4	1.58	1.58	0.00	0.00	1.58	0.00
0	15-0-15	1.11	0.00	0.00	1.11	1.11	0.00
0	15-3-3	0.10	0.10	0.00	0.00	0.10	0.00
0	15-5-10	1.70	1.70	0.00	0.00	1.70	0.00
0	15-9-12	18.68	0.68	18.00	0.00	18.68	0.00
0	15-10-0	0.25	0.25	0.00	0.00	0.25	0.00
0	15-15-0	30.00	0.00	30.00	0.00	30.00	0.00
0	15-15-20	1.00	1.00	0.00	0.00	1.00	0.00
0	15-20-28	1.00	1.00	0.00	0.00	1.00	0.00
0	15-25-0	11.00	0.00	11.00	0.00	11.00	0.00
0	15-25-10	90.08	90.08	0.00	0.00	90.08	0.00
0	15-30-15	8.68	2.83	5.85	0.00	8.68	0.00
0	15-52-0	364.00	0.00	364.00	0.00	364.00	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	15.3-29.4-0	29.02	0.00	29.02	0.00	29.02	0.00
0	16-0-4	11.25	11.25	0.00	0.00	11.25	0.00
0	16-0-6	5.00	5.00	0.00	0.00	5.00	0.00
0	16-0-8	0.50	0.50	0.00	0.00	0.50	0.00
0	16-2-2	1.83	0.00	0.00	1.83	1.83	0.00
0	16-4-4	0.13	0.13	0.00	0.00	0.13	0.00
0	16-6-16	9.00	9.00	0.00	0.00	9.00	0.00
0	16-14.5-1	118.00	0.00	118.00	0.00	118.00	0.00
0	16-16-16	13.00	13.00	0.00	0.00	13.00	0.00
0	16-24-12	1.00	1.00	0.00	0.00	1.00	0.00
0	16-25-12	2.00	2.00	0.00	0.00	2.00	0.00
0	16-32-16	0.16	0.16	0.00	0.00	0.16	0.00
06.9-16.9-16.9		0.37	0.00	0.37	0.00	0.37	0.00
0	17-0-4	2.30	2.30	0.00	0.00	2.30	0.00
0	17-0-5	482.50	0.00	0.00	482.50	482.50	0.00
0	17-2-8	5.00	5.00	0.00	0.00	5.00	0.00
0	17-16-0	12.00	0.00	12.00	0.00	12.00	0.00
0	18-0-3	26.00	26.00	0.00	0.00	26.00	0.00
0	18-0-4	24.13	5.00	19.13	0.00	24.13	0.00
0	18-0-5	14.63	0.00	14.63	0.00	14.63	0.00
0	18-0-9	23.55	23.55	0.00	0.00	23.55	0.00
0	18-0-18	0.16	0.16	0.00	0.00	0.16	0.00
0	18-2-3	4.30	4.30	0.00	0.00	4.30	0.00
0	18-3-6	0.28	0.00	0.00	0.28	0.28	0.00
0	18-3-7	22.50	22.50	0.00	0.00	22.50	0.00
0	18-3-10	0.50	0.50	0.00	0.00	0.50	0.00
0	18-3-12	6.13	6.13	0.00	0.00	6.13	0.00
0	18-3-18	0.20	0.20	0.00	0.00	0.20	0.00
0	18-4-18	6.00	6.00	0.00	0.00	6.00	0.00
0	18-5-18	42.10	42.10	0.00	0.00	42.10	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
	0 18-6-12	0.04	0.04	0.00	0.00	0.04	0.00
	0 18-9-18	1.00	1.00	0.00	0.00	1.00	0.00
	0 18-18-21	2.60	2.60	0.00	0.00	2.60	0.00
	0 18-24-6	2.00	2.00	0.00	0.00	2.00	0.00
	0 18-24-12	12.90	12.90	0.00	0.00	12.90	0.00
	0 18-24-16	0.62	0.62	0.00	0.00	0.62	0.00
	0 18-26-0	0.18	0.18	0.00	0.00	0.18	0.00
	0 18.4-0-0	601.00	0.00	601.00	0.00	601.00	0.00
08.8-18.9-18.9		2.46	2.46	0.00	0.00	2.46	0.00
08.9-18.9-18.9		0.79	0.00	0.79	0.00	0.79	0.00
	0 19-0-0	22.05	22.05	0.00	0.00	22.05	0.00
	0 19-0-2	20.00	20.00	0.00	0.00	20.00	0.00
	0 19-0-6	75.38	75.38	0.00	0.00	75.38	0.00
	0 19-3-5	6.00	6.00	0.00	0.00	6.00	0.00
	0 19-3-19	3.00	3.00	0.00	0.00	3.00	0.00
	0 19-4-4	1.00	1.00	0.00	0.00	1.00	0.00
	0 19-6-12	0.11	0.11	0.00	0.00	0.11	0.00
	0 19-16-18	10.00	0.00	10.00	0.00	10.00	0.00
	0 19-19-19	1.00	0.00	1.00	0.00	1.00	0.00
	0 19.38-0-0	39.84	39.84	0.00	0.00	39.84	0.00
	0 19.6-2.9-2.9	8.70	0.00	0.00	8.70	8.70	0.00
	0 20-0-0	491.46	0.00	0.00	491.46	491.46	0.00
	0 20-0-3	8.34	0.00	0.00	8.34	8.34	0.00
	0 20-0-5	35.08	35.08	0.00	0.00	35.08	0.00
	0 20-0-7.5	136.23	0.00	0.00	136.23	136.23	0.00
	0 20-0-8	7.55	7.55	0.00	0.00	7.55	0.00
	0 20-0-9	12.00	12.00	0.00	0.00	12.00	0.00
	0 20-1-1	220.32	0.00	0.00	220.32	220.32	0.00
	0 20-3-5	0.55	0.00	0.55	0.00	0.55	0.00
	0 20-3-19	2.00	2.00	0.00	0.00	2.00	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	20-4-8	0.35	0.35	0.00	0.00	0.35	0.00
0	20-4-10	6.05	6.05	0.00	0.00	6.05	0.00
0	20-5-5	0.23	0.00	0.23	0.00	0.23	0.00
0	20-7-5	87.00	0.00	0.00	87.00	87.00	0.00
0	20-10-5	47.50	30.25	17.25	0.00	47.50	0.00
0	20-10-10	1.38	1.38	0.00	0.00	1.38	0.00
0	20-10-20	2.00	2.00	0.00	0.00	2.00	0.00
0	20-12-8	6.00	6.00	0.00	0.00	6.00	0.00
0	20-14-12	105.49	105.49	0.00	0.00	105.49	0.00
0	20-20-20	28.53	20.53	8.00	0.00	28.53	0.00
0	20-21-20	1.00	1.00	0.00	0.00	1.00	0.00
0	20-27-5	2.28	2.28	0.00	0.00	2.28	0.00
0	20.2-0-0	126.29	0.00	126.29	0.00	126.29	0.00
0	21-0-4	2.25	0.00	2.25	0.00	2.25	0.00
0	21-0-5	33.23	33.23	0.00	0.00	33.23	0.00
0	21-0-8	0.50	0.50	0.00	0.00	0.50	0.00
0	21-0-22	1.00	1.00	0.00	0.00	1.00	0.00
0	21-3-8	7.40	7.40	0.00	0.00	7.40	0.00
0	21-7-7	1.00	1.00	0.00	0.00	1.00	0.00
0	21-7-14	24.55	24.55	0.00	0.00	24.55	0.00
0	21-9-9	6.00	0.00	6.00	0.00	6.00	0.00
0	21-12-14	12.00	0.00	12.00	0.00	12.00	0.00
0	21-13-15	28.00	0.00	28.00	0.00	28.00	0.00
0	21-22-4	8.25	8.25	0.00	0.00	8.25	0.00
0	21-52-0	24.00	0.00	24.00	0.00	24.00	0.00
0	22-0-0	9.07	4.07	0.00	5.00	9.07	0.00
0	22-0-4	115.39	115.39	0.00	0.00	115.39	0.00
0	22-0-5	17.90	14.00	3.90	0.00	17.90	0.00
0	22-0-6	9.00	9.00	0.00	0.00	9.00	0.00
0	22-0-8	80.00	80.00	0.00	0.00	80.00	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
	0 22-0-10	144.10	144.10	0.00	0.00	144.10	0.00
	0 22-0-11	38.00	38.00	0.00	0.00	38.00	0.00
	0 22-3-3	4.45	4.45	0.00	0.00	4.45	0.00
	0 22-3-8	1.20	1.20	0.00	0.00	1.20	0.00
	0 22-3-11	8.18	8.18	0.00	0.00	8.18	0.00
	0 22-3-14	3.75	3.75	0.00	0.00	3.75	0.00
	0 22-4-4	0.30	0.30	0.00	0.00	0.30	0.00
	0 22-5-8	6.28	6.28	0.00	0.00	6.28	0.00
	0 22-8-10	4.00	0.00	4.00	0.00	4.00	0.00
	0 22-12-13	38.00	0.00	38.00	0.00	38.00	0.00
	0 22-13-10	10.00	0.00	10.00	0.00	10.00	0.00
	0 22-24-12	1.00	1.00	0.00	0.00	1.00	0.00
	0 23-0-0	601.00	0.00	601.00	0.00	601.00	0.00
	0 23-0-7	5.00	5.00	0.00	0.00	5.00	0.00
	0 23-0-8	0.21	0.21	0.00	0.00	0.21	0.00
	0 23-0-10	4.00	4.00	0.00	0.00	4.00	0.00
	0 23-11-17	16.00	0.00	16.00	0.00	16.00	0.00
	0 23.7-23.7-0	2.12	0.00	2.12	0.00	2.12	0.00
03.8-15.9-10.6		63.28	0.00	63.28	0.00	63.28	0.00
	0 24-0-0	2,529.36	0.00	0.00	2,529.36	2,529.36	0.00
	0 24-0-3	298.50	298.50	0.00	0.00	298.50	0.00
	0 24-0-4	7.00	7.00	0.00	0.00	7.00	0.00
	0 24-0-6	18.87	18.87	0.00	0.00	18.87	0.00
	0 24-0-10	13.31	13.31	0.00	0.00	13.31	0.00
	0 24-0-12	4.96	4.96	0.00	0.00	4.96	0.00
	0 24-3-6	6.55	6.55	0.00	0.00	6.55	0.00
	0 24-3-11	16.05	16.05	0.00	0.00	16.05	0.00
	0 24-5-10	6.00	6.00	0.00	0.00	6.00	0.00
	0 24-8-16	30.05	30.05	0.00	0.00	30.05	0.00
	0 24-11-13	30.00	0.00	30.00	0.00	30.00	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	24-25-4	25.04	25.04	0.00	0.00	25.04	0.00
024.4-15.8-9.1		36.73	0.00	36.73	0.00	36.73	0.00
04.5-12.2-12.2		79.78	0.00	79.78	0.00	79.78	0.00
024.7-17.1-9.9		26.80	0.00	26.80	0.00	26.80	0.00
0	25-0-0	3,477.54	10.45	747.80	2,719.29	3,477.54	0.00
0	25-0-2	23.12	23.12	0.00	0.00	23.12	0.00
0	25-0-4	0.97	0.97	0.00	0.00	0.97	0.00
0	25-0-5	558.91	558.91	0.00	0.00	558.91	0.00
0	25-0-8	43.26	43.26	0.00	0.00	43.26	0.00
0	25-0-15	236.00	236.00	0.00	0.00	236.00	0.00
0	25-5-5	2.24	0.00	2.24	0.00	2.24	0.00
0	25-5-10	24.00	0.00	24.00	0.00	24.00	0.00
0	25-5-15	9.00	9.00	0.00	0.00	9.00	0.00
0	25-10-10	0.01	0.00	0.01	0.00	0.01	0.00
0	25-11-13	68.00	0.00	68.00	0.00	68.00	0.00
0	25-12-15	16.00	0.00	16.00	0.00	16.00	0.00
0	25-18.4-6.7	26.68	0.00	26.68	0.00	26.68	0.00
05.3-13.6-10.8		23.49	0.00	23.49	0.00	23.49	0.00
0	-16.61-10.22	13.23	0.00	13.23	0.00	13.23	0.00
0	25.6-17.1-0	5.54	0.00	5.54	0.00	5.54	0.00
025.7-12.9-6.4		5.36	0.00	5.36	0.00	5.36	0.00
025.7-14.9-8.6		75.28	0.00	75.28	0.00	75.28	0.00
0	26-0-0	5.03	1.00	0.00	4.03	5.03	0.00
0	26-0-2	13.88	13.88	0.00	0.00	13.88	0.00
0	26-0-3	380.16	380.16	0.00	0.00	380.16	0.00
0	26-0-4	202.10	202.10	0.00	0.00	202.10	0.00
0	26-2-12	0.75	0.75	0.00	0.00	0.75	0.00
0	26-3-8	11.20	9.00	2.20	0.00	11.20	0.00
0	26-10-12	18.00	0.00	18.00	0.00	18.00	0.00
0	26-12-14	25.00	0.00	25.00	0.00	25.00	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
	0 26-15-9	76.00	0.00	76.00	0.00	76.00	0.00
	0 26-16-8	11.00	0.00	11.00	0.00	11.00	0.00
	0 26-17-10	44.00	0.00	44.00	0.00	44.00	0.00
	0 27-0-0	14,986.81	0.00	14,927.00	59.81	14,986.81	0.00
	0 27-0-2	1.07	0.00	0.00	1.07	1.07	0.00
	0 27-0-4	3.38	3.38	0.00	0.00	3.38	0.00
	0 27-0-5	59.00	59.00	0.00	0.00	59.00	0.00
	0 27-0-8	7.00	7.00	0.00	0.00	7.00	0.00
	0 27-5-8	7.20	0.00	7.20	0.00	7.20	0.00
	0 27-9-8	38.00	0.00	38.00	0.00	38.00	0.00
	0 27-10-12	31.00	0.00	31.00	0.00	31.00	0.00
	0 27-15.4-7.7	33.83	33.83	0.00	0.00	33.83	0.00
	0 27-18-0	9.00	0.00	9.00	0.00	9.00	0.00
	0 27-20-0	10.00	0.00	10.00	0.00	10.00	0.00
	0 27-23-0	152.00	0.00	152.00	0.00	152.00	0.00
	0 27-31-30	7.00	0.00	7.00	0.00	7.00	0.00
027.8-16.2-5.8		16.16	16.16	0.00	0.00	16.16	0.00
	0 28-0-3	354.70	354.70	0.00	0.00	354.70	0.00
	0 28-0-7	22.33	22.33	0.00	0.00	22.33	0.00
	0 28-0-10	14.22	14.22	0.00	0.00	14.22	0.00
	0 28-0-12	0.24	0.24	0.00	0.00	0.24	0.00
	0 28-0-25	204.00	0.00	0.00	204.00	204.00	0.00
	0 28-3-10	101.83	99.58	2.25	0.00	101.83	0.00
	0 28-5-5	28.23	28.23	0.00	0.00	28.23	0.00
	0 28-5-12	2.00	2.00	0.00	0.00	2.00	0.00
	0 28-5-13	13.00	0.00	13.00	0.00	13.00	0.00
	0 28-7-14	14.00	14.00	0.00	0.00	14.00	0.00
	0 28-8-10	13.40	0.00	13.40	0.00	13.40	0.00
	0 28-12-7	20.00	0.00	20.00	0.00	20.00	0.00
	0 28-13-9	66.00	0.00	66.00	0.00	66.00	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
08.1-13.2-11.5		93.51	93.51	0.00	0.00	93.51	0.00
028.5-12.5-7.1		48.37	0.00	48.37	0.00	48.37	0.00
028.5-13.1-6.6		7.49	0.00	7.49	0.00	7.49	0.00
028.5-18.2-6.8		9.47	0.00	9.47	0.00	9.47	0.00
0	28.8-0-0	4.55	0.00	0.00	4.55	4.55	0.00
028.8-14.6-8.8		45.17	0.00	45.17	0.00	45.17	0.00
	0 29-0-0	524.00	0.00	0.00	524.00	524.00	0.00
	0 29-0-3	1.00	1.00	0.00	0.00	1.00	0.00
	0 29-10-0	32.00	0.00	32.00	0.00	32.00	0.00
	0 29-10-11	78.00	0.00	78.00	0.00	78.00	0.00
	0 29-10.9-7.3	3.41	0.00	3.41	0.00	3.41	0.00
	0 29-11-0	20.00	0.00	20.00	0.00	20.00	0.00
	0 29-13.4-6.7	4.39	0.00	4.39	0.00	4.39	0.00
	0 29-15-0	16.00	0.00	16.00	0.00	16.00	0.00
	0 29-18-0	9.00	0.00	9.00	0.00	9.00	0.00
	0 29.3-19.6-0	14.97	0.00	14.97	0.00	14.97	0.00
	0 30-0-0	8.62	0.00	8.00	0.62	8.62	0.00
	0 30-0-3	133.81	133.81	0.00	0.00	133.81	0.00
	0 30-0-4	74.93	74.93	0.00	0.00	74.93	0.00
	0 30-0-5	46.00	46.00	0.00	0.00	46.00	0.00
	0 30-0-10	4.61	4.61	0.00	0.00	4.61	0.00
	0 30-2-5	21.00	21.00	0.00	0.00	21.00	0.00
	0 30-3-5	78.83	55.83	23.00	0.00	78.83	0.00
	0 30-3-9	2.55	0.00	2.55	0.00	2.55	0.00
	0 30-4-8	73.71	72.63	1.08	0.00	73.71	0.00
	0 30-5-0	27.00	0.00	27.00	0.00	27.00	0.00
	0 30-6-14	21.00	0.00	21.00	0.00	21.00	0.00
	0 30-7-10	38.30	38.30	0.00	0.00	38.30	0.00
	0 30-10-5	46.00	0.00	46.00	0.00	46.00	0.00
	0 30-10-10	13.36	13.36	0.00	0.00	13.36	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
	0 30-11.2-7.5	25.39	0.00	25.39	0.00	25.39	0.00
	0 30-12-4	16.00	0.00	16.00	0.00	16.00	0.00
	0 30-13-0	14.00	0.00	14.00	0.00	14.00	0.00
	0 30-17-0	18.00	0.00	18.00	0.00	18.00	0.00
	0 30-18-0	39.00	0.00	39.00	0.00	39.00	0.00
	0 30-22-0	9.00	0.00	9.00	0.00	9.00	0.00
	0 30.5-9.5-6.7	39.99	0.00	39.99	0.00	39.99	0.00
	0 30.6-19.9-0	24.66	0.00	24.66	0.00	24.66	0.00
	0 31-0-0	0.77	0.00	0.00	0.77	0.77	0.00
	0 31-0-12	12.00	0.00	12.00	0.00	12.00	0.00
	0 31-0-13	14.00	0.00	14.00	0.00	14.00	0.00
	0 31-10.3-6.9	49.99	0.00	49.99	0.00	49.99	0.00
	0 31-13-0	230.00	0.00	230.00	0.00	230.00	0.00
	0 31-14-0	141.00	0.00	141.00	0.00	141.00	0.00
	0 31-15-0	535.00	0.00	535.00	0.00	535.00	0.00
	0 31-16-0	26.00	0.00	26.00	0.00	26.00	0.00
	0 31-19-0	7.00	0.00	7.00	0.00	7.00	0.00
	0 31.2-17.9-0	21.72	0.00	21.72	0.00	21.72	0.00
031.7-10.6-5.3		56.70	0.00	56.70	0.00	56.70	0.00
	0 32-0-4	116.12	112.12	4.00	0.00	116.12	0.00
	0 32-0-7	2.00	2.00	0.00	0.00	2.00	0.00
	0 32-0-8	68.00	68.00	0.00	0.00	68.00	0.00
	0 32-0-10	46.14	46.14	0.00	0.00	46.14	0.00
	0 32-0-12	20.08	20.08	0.00	0.00	20.08	0.00
	0 32-5-7	14.76	14.76	0.00	0.00	14.76	0.00
	0 32-7-7	36.00	36.00	0.00	0.00	36.00	0.00
	0 32-10.7-5.3	3.32	0.00	3.32	0.00	3.32	0.00
	0 32-13-0	27.00	0.00	27.00	0.00	27.00	0.00
	0 32-14-0	194.00	0.00	194.00	0.00	194.00	0.00
	0 32-16-0	24.00	0.00	24.00	0.00	24.00	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
	0 32-18-0	25.00	0.00	25.00	0.00	25.00	0.00
	0 32-20-0	78.00	0.00	78.00	0.00	78.00	0.00
	0 32-52-60	10.00	0.00	10.00	0.00	10.00	0.00
032.1-11.9-5.7		33.04	0.00	33.04	0.00	33.04	0.00
	0 32.5-6.8-6.8	7.05	0.00	7.05	0.00	7.05	0.00
	0 33-0-0	64.00	0.00	64.00	0.00	64.00	0.00
	0 33-0-8	82.00	0.00	82.00	0.00	82.00	0.00
	0 33-5-10	18.00	0.00	18.00	0.00	18.00	0.00
	0 33-7-0	30.00	0.00	30.00	0.00	30.00	0.00
	0 33-11-0	512.00	0.00	512.00	0.00	512.00	0.00
	0 33-12-0	150.00	0.00	150.00	0.00	150.00	0.00
	0 33-13-0	20.00	0.00	20.00	0.00	20.00	0.00
	0 33-17-0	44.00	0.00	44.00	0.00	44.00	0.00
	0 33-39-0	66.00	0.00	66.00	0.00	66.00	0.00
033.4-13.4-4.5		13.15	0.00	13.15	0.00	13.15	0.00
	0 33.5-9.1-4.6	19.67	0.00	19.67	0.00	19.67	0.00
	0 33.9-18-0	12.83	0.00	12.83	0.00	12.83	0.00
	0 34-0-5	2.25	2.25	0.00	0.00	2.25	0.00
	0 34-0-14	12.00	0.00	12.00	0.00	12.00	0.00
	0 34-12-0	60.00	0.00	60.00	0.00	60.00	0.00
	0 34-15-0	51.00	0.00	51.00	0.00	51.00	0.00
	0 34-17-0	77.00	0.00	77.00	0.00	77.00	0.00
	0 34.4-16.9-0	0.73	0.00	0.73	0.00	0.73	0.00
	0 34.6-11.5-0	0.87	0.00	0.87	0.00	0.87	0.00
	0 35-0-0	29.00	0.00	29.00	0.00	29.00	0.00
	0 35-0-6	44.00	0.00	44.00	0.00	44.00	0.00
	0 35-0-8	49.00	0.00	49.00	0.00	49.00	0.00
	0 35-10-0	108.00	0.00	108.00	0.00	108.00	0.00
	0 35-11-0	304.00	0.00	304.00	0.00	304.00	0.00
	0 35-14-0	45.00	0.00	45.00	0.00	45.00	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
0	35-15-0	35.00	0.00	35.00	0.00	35.00	0.00
0	35.7-0-0	12.28	0.00	12.28	0.00	12.28	0.00
0	36-0-0	30.00	0.00	30.00	0.00	30.00	0.00
0	36-0-5	25.00	0.00	25.00	0.00	25.00	0.00
0	36-0-6	1.33	1.33	0.00	0.00	1.33	0.00
0	36-12-1.2	32.14	0.00	32.14	0.00	32.14	0.00
0	37-0-0	20.00	19.00	1.00	0.00	20.00	0.00
0	37.9-0-0	54.40	0.00	54.40	0.00	54.40	0.00
0	38.7-0-0	10.46	0.00	10.46	0.00	10.46	0.00
0	39-9-0	58.00	0.00	58.00	0.00	58.00	0.00
0	39.2-0-0	190.27	0.00	190.27	0.00	190.27	0.00
0	39.4-0-0	5.11	0.00	5.11	0.00	5.11	0.00
0	39.6-0-0	16.32	0.00	16.32	0.00	16.32	0.00
0	40-0-0	3,352.86	2.00	3,350.86	0.00	3,352.86	0.00
0	41-0-0	19.00	0.00	19.00	0.00	19.00	0.00
0	41.7-0-0	28.94	0.00	28.94	0.00	28.94	0.00
0	42.4-0-0	4.77	0.00	4.77	0.00	4.77	0.00
0	42.9-0-0	8.77	0.00	8.77	0.00	8.77	0.00
0	43.1-0-0	6.58	0.00	6.58	0.00	6.58	0.00
0	44-0-0	865.43	10.00	855.43	0.00	865.43	0.00
0	45-0-0	501.00	1.00	500.00	0.00	501.00	0.00
0	66-0-0	0.34	0.34	0.00	0.00	0.34	0.00
2	82-0-0	46,216.22	0.00	137.58	46,078.64	46,216.22	0.00
10	34-0-0	1,536.22	0.00	1,358.22	178.00	1,536.22	0.00
13	20.5-0-0	1,342.80	0.00	1,342.80	0.00	1,342.80	0.00
20	20-0-0	0.50	0.00	0.00	0.50	0.50	0.00
24	20.5-0-0	25,126.80	10.20	25,116.60	0.00	25,126.80	0.00
24	21-0-0	103,507.02	244.73	103,227.29	35.00	103,507.02	0.00
25	6-0-0	1.73	0.00	0.00	1.73	1.73	0.00
27	26-0-0	88.19	52.90	28.15	7.14	88.19	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
31	11-0-0	20.92	0.00	0.00	20.92	20.92	0.00
31	12-0-0	9,071.66	0.00	1,381.84	7,689.82	9,071.66	0.00
38	20.5-0-0	718.73	0.00	718.73	0.00	718.73	0.00
50	7-0-0	961.15	0.00	764.00	197.15	961.15	0.00
54	15-0-0	1,743.82	7.43	0.00	1,736.39	1,743.82	0.00
58	28-0-0	180,025.53	0.00	435.00	179,590.53	180,025.53	0.00
59	30-0-0	416.00	0.00	0.00	416.00	416.00	0.00
60	32-0-0	133,113.66	0.00	1,192.00	131,921.66	133,113.66	0.00
61	0-0-0	80.00	0.00	0.00	80.00	80.00	0.00
62	16-0-0	4.14	0.00	0.00	4.14	4.14	0.00
64	36-0-0	38.00	0.00	38.00	0.00	38.00	0.00
66	46-0-0	786,484.18	1,220.78	785,192.34	71.06	786,484.18	0.00
67	20-0-0	2.68	0.00	0.00	2.68	2.68	0.00
68	38-0-0	13.05	6.05	7.00	0.00	13.05	0.00
73	10-0-0	110.53	0.00	0.00	110.53	110.53	0.00
77	9-0-0	209.50	0.00	0.00	209.50	209.50	0.00
202	11-48-0	415.62	0.00	0.00	415.62	415.62	0.00
203	18-46-0	84,822.64	120.00	84,702.64	0.00	84,822.64	0.00
209	10-50-0	504.44	0.00	504.44	0.00	504.44	0.00
209	11-52-0	250,045.87	12.00	249,999.86	34.01	250,045.87	0.00
238	0-18-0	2.93	0.00	0.30	2.63	2.93	0.00
248	0-54-0	1,303.00	0.00	0.00	1,303.00	1,303.00	0.00
249	10-34-0	64,625.00	0.00	0.00	64,625.00	64,625.00	0.00
273	0-68-0	10,253.02	0.00	0.00	10,253.02	10,253.02	0.00
298	0-0-0	385.00	0.00	385.00	0.00	385.00	0.00
413	0-0-20	8.00	0.00	0.00	8.00	8.00	0.00
428	0-0-60	159,708.25	6,694.44	153,013.81	0.00	159,708.25	0.00
430	0-0-61	1,264.00	0.00	1,264.00	0.00	1,264.00	0.00
430	0-0-62	11,779.83	3.00	11,776.83	0.00	11,779.83	0.00
443	0-0-22	27.00	0.00	0.00	27.00	27.00	0.00

From January, 2014 To December, 2014

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

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
463	0-0-50	916.29	0.00	911.60	4.69	916.29	0.00
463	0-0-52	2.80	2.80	0.00	0.00	2.80	0.00
601	12-0-0	0.02	0.02	0.00	0.00	0.02	0.00
613.75-1.25-1.75		2,991.00	0.00	2,991.00	0.00	2,991.00	0.00
613	1-0.1-0.8	136.74	0.00	136.74	0.00	136.74	0.00
613	2-2-1	81.19	0.00	81.19	0.00	81.19	0.00
649	0.01-0.3-0.7	0.09	0.00	0.00	0.09	0.09	0.00
649	0.5-0.5-0.5	76,550.47	0.00	76,550.47	0.00	76,550.47	0.00
649	0.5-0.9-0.25	25.20	25.20	0.00	0.00	25.20	0.00
706	0-0-0	430.61	185.18	222.45	22.99	430.61	0.00
720	0-0-0	15.75	3.83	11.15	0.77	15.75	0.00
722	0-0-0	2.01	0.00	0.00	2.01	2.01	0.00
726	0-0-0	0.73	0.13	0.00	0.60	0.73	0.00
728	0-0-0	7.70	0.54	0.00	7.16	7.70	0.00
730	0-0-0	18.13	0.07	16.03	2.03	18.13	0.00
732	0-0-0	701.11	0.00	701.11	0.00	701.11	0.00
734	0-0-0	4,741.33	0.00	496.00	4,245.33	4,741.33	0.00
736	0-0-0	306.67	0.00	0.00	306.67	306.67	0.00
742	0-0-0	1.27	1.27	0.00	0.00	1.27	0.00
744	0-0-0	0.25	0.00	0.25	0.00	0.25	0.00
744	1-0-0	0.03	0.00	0.03	0.00	0.03	0.00
745	0-0-0	0.09	0.00	0.09	0.00	0.09	0.00
749	0-0-0	48.47	2.75	31.88	13.84	48.47	0.00
754	0-0-0	170.41	19.98	61.60	88.83	170.41	0.00
764	0-0-0	8,262.94	0.00	8,262.94	0.00	8,262.94	0.00
767	0.1-0.1-0.2	3.60	3.60	0.00	0.00	3.60	0.00
767.13-0.04-0.13		0.34	0.34	0.00	0.00	0.34	0.00
770	0-0-0	2,486.49	328.08	2,138.61	19.80	2,486.49	0.00
782	0-0-0	5,442.20	614.88	4,586.56	240.76	5,442.20	0.00
783	0-0-0	330.45	0.00	0.00	330.45	330.45	0.00

DETAIL FERTILIZER SUMMARY**From January, 2014 To December, 2014***Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
784	0-0-0	15.00	0.00	0.00	15.00	15.00	0.00
797	0-0-0	3,211.89	138.99	2,688.76	384.14	3,211.89	0.00
797	0-0-21.5	25.72	0.00	25.72	0.00	25.72	0.00
798	0-0-0	83.34	23.42	53.92	6.00	83.34	0.00
907	0-0-0	226.75	0.00	226.75	0.00	226.75	0.00
908	0-0-0	7,177.00	0.00	7,177.00	0.00	7,177.00	0.00
910	0-0-0	30,198.55	0.00	30,029.55	169.00	30,198.55	0.00
978	0-0-0	20.00	0.00	20.00	0.00	20.00	0.00
998	0-0-0	18,775.48	533.37	16,182.92	2,059.19	18,775.48	0.00

From January, 2014 To December, 2014*Grades with 0 tons or more and reported by 1 or more shippers.*

CODE	GRADE	TOTAL	BAG	BULK	LIQUID	FARM	NONFARM
TOTALS		2,289,119.26	19,764.39	1,772,137.68	497,217.19	2,289,119.26	0.00

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

