

FERTILIZER

ANNUAL REPORT

JANUARY 1, 2025 TO

DECEMBER 31, 2025



South Dakota Department of Agriculture & Natural Resources
523 East Capitol Avenue,
Pierre, SD 57501-3182
Phone: 605-773-4432 Fax: 605-773-3481
<http://sdda.sd.gov>

SECRETARY OF AGRICULTURE & NATURAL RESOURCES

Hunter Roberts

FERTILIZER PROGRAM

Kent Woodmansey --Division Director

Terry Florentz --Administrator, Inspection, Compliance, & Remediation

Tom Gere --Environmental Scientist Manager, Inspection, Compliance, & Remediation

Chad Kiel -- Program Specialist, Inspection, Compliance, & Remediation

LABORATORY

Katie Ahlstrom -- South Dakota Agricultural Laboratories

1335 Western Avenue

Brookings, SD 57006

Phone: 605-692-7325

Fax: 605-692-7326

Email: katie.alstrom@sdaglabs.com

2025 COMMERCIAL FERTILIZER ANNUAL REPORT

The South Dakota Department of Agriculture and Natural Resources Inspection, Compliance, and Remediation Program under the Authority of SDCL 38-14 provides for sampling and analysis of fertilizer ingredients and fertilizer products sold in South Dakota. Analyses of all products distributed under the law are in this report.

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

<u>SECTION</u>	<u>PAGE NUMBER</u>
A. 2025 FERTILIZER MANUFACTURER SAMPLE REPORT.....	4
B. 2025 FERTILIZER INDIVIDUAL SAMPLES REPORT.....	17
C. 2025 FERTILIZER REGULATORY ANALYTE TOTALS.....	97
D. 2025 FERTILIZER TONNAGE SUMMARY.....	98

Performed By:

Collected By:



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

2025 Fertilizer Manufacturer Sample Totals

Manufacturer:

ADM Fertilizer-Chicago, IL	Chicago		IL			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
ADM Fertilizer-Marion	Marion		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	2.00	0.00	2.00	14	6
ADM Fertilizer-Minneapolis-4th Ave	Minneapolis		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	8.00	0.00	0.00	0.00	8	6
ADM Fertilizer-Minneapolis-S 8th St	Minneapolis		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	25.00	1.00	0.00	5.00	31	12
AdvanSix- Hopewell, VA	Hopewell		VA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
AdvanSix-Corporate	Parsippany-Troy Hills		NJ			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	2
AdvanSix-Sioux City, IA	Sioux City		IA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	3
Agrium-Loveland, CO	Loveland		CO			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
Agrium-Sioux City, IA						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
Agtegra Bath Fertilizer						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	22.00	2.00	0.00	4.00	28	10
Agtegra Ipswitch-Hwy 12						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	16.00	2.00	0.00	3.00	21	7
Agtegra-Aberdeen-392						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Agtegra-Kimball-367th Ave						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	9.00	0.00	0.00	2.00	11	3
Agtegra-McLaughlin						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	1.00	8	2
Agtegra-Roscoe						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
Agtegra-Tulare						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	2
Agtegra-Wolsey						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	27.00	0.00	0.00	4.00	31	9
American Plant Food Corp						

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
Big Soo Terminal	Sioux City		IA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
Bonide Products, Inc.	Oriskany		NY			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	32.00	0.00	0.00	8.00	40	8
Canadian Pacific	Calgary		AB			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Central Farmers Coop-Montrose	Montrose		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Central Garden & Pet-Atlanta	Atlanta		GA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	26.00	0.00	0.00	4.00	30	4
CF Industries LLC-Northbrook, IL	Northbrook		IL			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	12.00	0.00	0.00	0.00	12	12
CF Industries-Sergeant Bluff	Sergeant Bluff		IA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	35.00	0.00	0.00	1.00	36	33
CFC Freemar-Dimock	Dimock		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
CFC Freemar-Marion	Marion		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	12.00	0.00	0.00	1.00	13	8
CHS-Alton	Alton		IA			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	2
CHS-Brooten	Brooten		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
CHS-Inver Grove Heights	Inver Grove Heights		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	1.00	0.00	0.00	7	1
CHS-Minneapolis	Minneapolis		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
CHS-Mitchell-Elevator Rd	Mitchell		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	22.00	7.00	0.00	6.00	35	10
CHS-Mooreton	Mooreton		ND			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	8.00	0.00	0.00	2.00	10	2
CHS-Onida	Onida		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	1.00	0.00	0.00	3	2
CHS-Selby 1510	Selby		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	1.00	6	1
CHS-Selby 507	Selby		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	8.00	2.00	0.00	2.00	12	3
CHS-St. Paul	St. Paul		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	12.00	0.00	0.00	3.00	15	5
CHS-Watertown-20th Ave	Watertown		SD			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	47.00	0.00	0.00	9.00	56	24
Cone Ag-Pierre	Pierre		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	2.00	0.00	1.00	8	3
Dakota Gasification Company--Bismarck	Bismarck		ND			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Dakota Mill & Grain-Ft Pierre	Ft Pierre		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Dakota Mill & Grain-Presho	Presho		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Dakota Mill & Grain-Wall	Wall		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	0.00	1.00	0.00	0.00	1	1
Dr. Earth	Winters		CA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	1.00	6	1
Easy Gardener Inc	Waco		TX			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	16.00	0.00	0.00	4.00	20	4
Espoma Company	Millville		NJ			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	40.00	2.00	0.00	9.00	51	7
EuroChem North America Corp	Tulsa		OK			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	0.00	0.00	2.00	12	4
Fremar LLC-Marion	Marion		SD			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	2.00	8	2
GroTec Inc.	Madison		GA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	46.00	9.00	0.00	6.00	61	6
Gro-Well	Tempe		AZ			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	1.00	6	1
Growmark Inc	Bloomington		IL			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Hartford Farmers Elevator	Hartford		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	1.00	7	1
International Raw Materials LTD	Saskatchewan		AB Canada			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
Interoceanic Corp--White Plains	White Plains		NY			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
Itafos Conda-Soda Springs	Soda Springs		ID			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	8.00	0.00	0.00	2.00	10	2
J.R. Peters Inc.	Allentown		PA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	96.00	2.00	0.00	9.00	107	9
JR Simplot Company-Pocatello	Pocatello		ID			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	9.00	0.00	0.00	3.00	12	3
JR Simplot Company-Rock Springs	Rock Springs		WY			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	14.00	0.00	0.00	4.00	18	4
K & S Potash Canada	Saskatchewan		Canada			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	4
Kinder Morgan Dakota	St. Paul		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	1.00	6	2
Knox Fertilizer Company, Inc.	Knox		IN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	88.00	3.00	0.00	11.00	102	11
Koch Fertilizer LLC-Wichita	Wichita		KS			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	4
Koch Fertilizer, LLC-Brandon	Brandon		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	1.00	0.00	0.00	2	2
Kugler Company--Rapid City	Rapid City		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	11.00	0.00	0.00	2.00	13	4
MacroSource LLC--Hastings	Hastings		NE			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
MacroSource LLC--Jamestown	Jamestown		ND			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	1.00	6	2
MacroSource LLC--Savage	Savage		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	17.00	0.00	0.00	4.00	21	7
MacroSource LLC--Sioux City	Sioux City		IA			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	0.00	5	3
Miracle Grow Lawn Products						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	126.00	3.00	0.00	14.00	143	14
Montana Sulphur & Chemical Co.						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Mosaic Global Sales, LCC						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	1.00	6	1
Mosaic--Atlanta						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Mosaic--Brooten						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	4
Mosaic--Browntown						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	2.00	9	3
Mosaic--Esterhazy						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	1.00	0.00	0.00	11	11
Mosaic--Lithia						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	1.00	8	3
Mosaic--Mulberry						
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	9.00	2.00	0.00	3.00	14	3
Mosaic--Rosemount						

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	30.00	2.00	0.00	8.00	40	8
Nachurs-Garretson	Garretson		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	1.00	5	1
NeuAg LLC	Clute		TX			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	2
NeuAG LLC-Galveston	Galveston		TX			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
Nutrien Ag-Loveland	Loveland		Colorado			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	12.00	0.00	0.00	0.00	12	8
Nutrien Ag-Parkston	Parkston		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	1.00	8	4
Nutrien-Calgary	Calgary		Alberta			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
Nutrien-Chicago, IL	Chicago		IL			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
PCI Nitrogen	Pasadena		TX			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
PCS Sales Inc--Deerfield	Deerfield		IL			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	2.00	9	3
PCS Sales Inc--SK	Sylvite		SK			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Plant Revolution	Santa Ana	California				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	1.00	5	1
Plantation Products LLC	Norton	MA				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	0.00	0.00	2.00	12	2
Potash Corp of Saskatchewan--Rocanville	Rocanville	SK Canada				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Potash Corp of Saskatchewan--Saskatoon	Saskatoon	Canada				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	3
Potash Corp-SCity	Sioux City	IA				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	4
Rosens, Inc.	Fairmont	MN				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	1.00	0.00	0.00	2	1
Scott G Williams LLC	Conveyers	GA				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	2.00	0.00	0.00	5	1
Scotts Miracle-Gro Products	Marysville	OH				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	307.00	4.00	0.00	35.00	346	35
SGS-Northern Plains Region Ops	Boise	ID				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
Simplot Grower Solutions-Beresford	Beresford	SD				

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	1.00	0.00	1.00	9	1
Simplot--Chicago, IL	Chicago	IL				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	1.00	0.00	1.00	4	1
Simplot--Pocatello, ID	Pocatello	ID				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
Simplot--Rocksprings, WY	Rocksprings	WY				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	18.00	0.00	0.00	6.00	24	6
Simplot--Sioux City, IA	Sioux City	IA				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	11.00	0.00	0.00	3.00	14	3
SimplyGro LLC	Manchester	NH				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	1.00	6	1
Skyline Encap Holdings LLC	Green Bay	WI				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	15.00	0.00	0.00	4.00	19	5
Sun Bulb Company	Arcadia	FL				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	12.00	0.00	0.00	1.00	13	1
Swiss Farms Products Inc	Las Vegas	NV				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	2.00	8	2
Terrace Brands	Las Vegas	NV				
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	1.00	0.00	5.00	10	1
The Andersons	Maumee	OH				

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	4.00	0.00	2.00	10	3
The Andersons-Sioux City	Sioux City		IA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	1.00	0.00	1.00	8	2
The Scotts Company	Marysville		OH			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	57.00	0.00	0.00	12.00	69	9
ThorAg-Holloway	Holloway		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	0.00	5	4
ThorAg-Shoreview	Shoreview		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
True Organic Products	Helm		CA			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	16.00	0.00	0.00	3.00	19	3
Tulare Fertilizer	Hitchcock		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	8.00	0.00	0.00	1.00	9	4
Voluntary Purchasing Groups, Inc.	Bonham		TX			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	27.00	2.00	0.00	7.00	36	8
Western Consolidated Coop--Holloway	Holloway		MN			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Western Consolidated Coop--Twin Brooks	Twin Brooks		SD			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Winfield Solutions-Kansas City	Kansas City		MO			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
Report Totals:	1,600.00	63.00	0.00	250.00	1,913	464
Report Averages:	0.84	0.03	0.00	0.13		

Performed By:

Collected By:



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

2025 Fertilizer Individual Samples

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Manufacturer: ADM Fertilizer-Chicago, IL						
Product: AMS						
Sample No: 26N002242						
		Nitrogen, Total	20.5	21.69 %		Pass
		Sulfur	24	25.08 %		Pass
Manufacturer: ADM Fertilizer-Marion						
Product: AMS						
Sample No: 25N008731						
		Nitrogen, Total	21	21.18 %		Pass
		Sulfur	24	23.91 %		Pass
Sample No: 25N008814						
		Nitrogen, Total	21	21.03 %		Pass
		Sulfur	24	24.04 %		Pass
Product: MAP						
Sample No: 25N008737						
		Commercial Value	137	137.92		
		Nitrogen, Total	11	11.44 %		Pass
		Overall Index Value		100.67 %		Pass
		Phosphate, Available as P2O	52	51.80 %		Pass
Product: MAP 11-52-0						
Sample No: 25N008817						
		Commercial Value	137	130.62		
		Nitrogen, Total	11	10.84 %		Pass
		Overall Index Value		95.34 %		Deficient
		Phosphate, Available as P2O	52	49.05 %		Deficient
Product: Potash						

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Sample No:	25N008730				
		Potash, Soluble as K2O	60	61.14 %	Pass
Product:	UREA				
Sample No:	25N008733				
		Nitrogen, Total	46	46.73 %	Pass
Manufacturer:	ADM Fertilizer-Minneapolis				
Product:	46-0-0				
Sample No:	25N009530				
		Nitrogen, Total	46	46.96 %	Pass
Sample No:	25N009541				
		Nitrogen, Total	46	46.29 %	Pass
Product:	AMS				
Sample No:	25N009528				
		Nitrogen, Total	21	21.31 %	Pass
		Sulfur	24	24.32 %	Pass
Sample No:	25N009540				
		Nitrogen, Total	21	21.69 %	Pass
		Sulfur	24	24.86 %	Pass
Product:	Potash				
Sample No:	25N009529				
		Potash, Soluble as K2O	60	61.27 %	Pass
Sample No:	26N002968				
		Potash, Soluble (STPB) as K	60	58.84 %	Pass
Manufacturer:	ADM Fertilizer-Minneapolis				
Product:	46-0-0				
Sample No:	25N008872				
		Nitrogen, Total	46	47.35 %	Pass
Product:	Ammonium Sulfate (AMS) Fertilizer				
Sample No:	26N001314				
		Nitrogen, Total	21	21.11 %	Pass
		Sulfur	24	24.57 %	Pass
Product:	AMS				
Sample No:	25N008796				
		Nitrogen, Total	21	20.90 %	Pass
		Sulfur	24	24.04 %	Pass
Product:	AMS 21-0-0-24				

Sample No:	Analyte	Claim	Found Unit	Disposition
25N008821	Nitrogen, Total	21	20.85 %	Pass
	Sulfur	24	24.30 %	Pass
Product: AMS 21-0-0-24S				
Sample No: 25N008823	Nitrogen, Total	21	21.50 %	Pass
	Sulfur	24	24.42 %	Pass
Product: MAP				
Sample No: 25N008797	Commercial Value	137	140.67	
	Nitrogen, Total	11	11.07 %	Pass
	Overall Index Value		102.68 %	Pass
	Phosphate, Available as P2O	52	53.73 %	Pass
Sample No: 26N000432	Commercial Value	137	136.72	
	Nitrogen, Total	11	10.93 %	Pass
	Overall Index Value		99.79 %	Pass
	Phosphate, Available as P2O	52	51.96 %	Pass
Sample No: 26N001701	Commercial Value	137	135.79	
	Nitrogen, Total	11	11.03 %	Pass
	Overall Index Value		99.11 %	Pass
	Phosphate, Available as P2O	52	51.35 %	Pass
Product: MAP 11-52-0				
Sample No: 25N008822	Commercial Value	137	136.54	
	Nitrogen, Total	11	12.09 %	Pass
	Overall Index Value		99.66 %	Pass
	Phosphate, Available as P2O	52	50.14 %	Deficient
Sample No: 26N002226	Commercial Value	137	145.51	
	Nitrogen, Total	11	12.98 %	Pass
	Overall Index Value		106.22 %	Pass
	Phosphate, Available as P2O	52	53.28 %	Pass
Product: Potash				
Sample No: 25N009539				

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product: Urea		Potash, Soluble as K2O	60	59.73	%	Pass
Sample No: 26N001348						
		Nitrogen, Total	46	46.45	%	Pass
Manufacturer: AdvanSix- Hopewell, VA						
Product: AMS						
Sample No: 26N004219						
		Nitrogen, Total	21	21.18	%	Pass
		Sulfur	24	24.30	%	Pass
Manufacturer: AdvanSix-Corporate						
Product: AMS						
Sample No: 26N000733						
		Nitrogen, Total	21	21.31	%	Pass
		Sulfur	24	24.10	%	Pass
Product: AMS 21-0-0-24S						
Sample No: 26N002984						
		Nitrogen, Total	21	21.23	%	Pass
		Sulfur	24	24.82	%	Pass
Manufacturer: AdvanSix-Sioux City, IA						
Product: AMS						
Sample No: 25N008381						
		Nitrogen, Total	21	21.19	%	Pass
		Sulfur	24	24.35	%	Pass
Sample No: 25N008736						
		Nitrogen, Total	21	21.24	%	Pass
		Sulfur	24	24.29	%	Pass
Sample No: 26N003328						
		Nitrogen, Total	21	21.58	%	Pass
		Sulfur	24	24.80	%	Pass
Manufacturer: Agrium-Loveland, CO						
Product: AMS						
Sample No: 26N002973						
		Nitrogen, Total	20.5	19.95	%	Pass
		Sulfur	24	25.27	%	Pass
Manufacturer: Agrium-Sioux City, IA						
Product: AMS						

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No:	26N004402					
		Nitrogen, Total	21	20.62	%	Pass
		Sulfur	24	24.69	%	Pass
Manufacturer:	Agtegra Bath Fertilizer					
Product:	0-0-60					
Sample No:	26N002880					
		Potash, Soluble (STPB) as K ₂ O	60	56.49	%	Deficient
Product:	11-52-0					
Sample No:	26N002882					
		Commercial Value	137	144.45		
		Nitrogen, Total	11	12.31	%	Pass
		Overall Index Value		105.43	%	Pass
		Phosphate, Available as P ₂ O ₅	52	53.77	%	Pass
Product:	46-0-0					
Sample No:	25N009526					
		Nitrogen, Total	46	46.62	%	Pass
Sample No:	26N002879					
		Nitrogen, Total	46	45.85	%	Pass
Product:	AMS					
Sample No:	26N002881					
		Nitrogen, Total	20.5	21.13	%	Pass
		Sulfur	24	24.77	%	Pass
Product:	blend of urea and ams					
Sample No:	26N002894					
		Nitrogen, Total	41	40.73	%	Pass
		Sulfur	5	6.17	%	Pass
Product:	MESZ					
Sample No:	25N009534					
		Commercial Value	115.1	115.63		
		Nitrogen, Total	11.7	11.78	%	Pass
		Overall Index Value		100.46	%	Pass
		Phosphate, Available as P ₂ O ₅	40	40.14	%	Pass
		Sulfur	10	9.64	%	Pass
		Zinc, Acid Soluble	1	0.95	%	Pass
Product:	urea and ams					
Sample No:	26N002962					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	42	42.12	%	Pass
		Sulfur	3	4.53	%	Pass
Product:	urea and map					
Sample No:	26N002961					
		Commercial Value	136	142.90		
		Nitrogen, Total	34	32.81	%	Deficient
		Overall Index Value		105.08	%	Pass
		Phosphate, Available as P2C	17	22.24	%	Pass
Product:	urea, map, and ams blend					
Sample No:	26N002895					
		Commercial Value	129	133.07		
		Nitrogen, Total	35	35.76	%	Pass
		Overall Index Value		103.15	%	Pass
		Phosphate, Available as P2C	12	12.90	%	Pass
		Sulfur	3	3.74	%	Pass
Manufacturer:	Agtegra Ipswitch-Hwy 12					
Product:	46-0-0					
Sample No:	25N008546					
		Nitrogen, Total	46	45.60	%	Pass
Product:	AMS					
Sample No:	25N009527					
		Nitrogen, Total	20.5	21.42	%	Pass
		Sulfur	24	24.64	%	Pass
Product:	MAP					
Sample No:	26N002240					
		Commercial Value	137	135.78		
		Nitrogen, Total	11	11.54	%	Pass
		Overall Index Value		99.11	%	Pass
		Phosphate, Available as P2C	52	50.58	%	Deficient
Product:	MESZ					
Sample No:	25N008544					
		Commercial Value	116	114.76		
		Nitrogen, Total	12	11.92	%	Pass
		Overall Index Value		98.93	%	Pass
		Phosphate, Available as P2C	40	39.50	%	Pass
		Sulfur	10	9.97	%	Pass

		Analyte	Claim	Found	Unit	Disposition
Sample No:	26N002239	Zinc, Acid Soluble	1	0.90	%	Pass
		Commercial Value	116	116.85		
		Nitrogen, Total	12	12.14	%	Pass
		Overall Index Value		100.73	%	Pass
		Phosphate, Available as P2O5	40	40.22	%	Pass
		Sulfur	10	10.06	%	Pass
		Zinc, Acid Soluble	1	0.99	%	Pass
Product:	Potash					
Sample No:	25N009532	Potash, Soluble as K2O	60	61.38	%	Pass
Product:	Urea					
Sample No:	26N002238	Nitrogen, Total	46	44.33	%	Deficient
Manufacturer:	Agtegra-Aberdeen-392					
Product:	46-0-0					
Sample No:	26N000643	Nitrogen, Total	46	46.09	%	Pass
Manufacturer:	Agtegra-Kimball-367th Ave					
Product:	MAP					
Sample No:	26N001345	Commercial Value	137	136.40		
		Nitrogen, Total	11	11.05	%	Pass
		Overall Index Value		99.56	%	Pass
		Phosphate, Available as P2O5	52	51.63	%	Pass
Product:	Meszy					
Sample No:	26N001342	Commercial Value	116	115.58		
		Nitrogen, Total	12	12.01	%	Pass
		Overall Index Value		99.64	%	Pass
		Phosphate, Available as P2O5	40	39.78	%	Pass
		Sulfur	10	10.44	%	Pass
		Zinc, Acid Soluble	1	0.92	%	Pass
Product:	Urea					
Sample No:	26N001343	Nitrogen, Total	46	46.67	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Manufacturer: Agtegra-McLaughlin						
Product: Liquid Fertilizer (28-0-0)						
Sample No: 25N006983						
		Nitrogen, Total	28	28.21	%	Pass
Product: Liquid Starter Fertilizer (08-20-0)						
Sample No: 25N006982						
		Commercial Value	69	73.18		
		Nitrogen, Total	8	8.49	%	Pass
		Overall Index Value		106.06	%	Pass
		Phosphate, Available as P2O	20	21.37	%	Pass
		Potash, Soluble as K2O	05	4.98	%	Pass
		Sulfur	4	4.69	%	Pass
		Zinc, Acid Soluble	0.5	0.52	%	Pass
Manufacturer: Agtegra-Roscoe						
Product: 11-52-0						
Sample No: 25N009533						
		Commercial Value	137	140.28		
		Nitrogen, Total	11	11.51	%	Pass
		Overall Index Value		102.39	%	Pass
		Phosphate, Available as P2O	52	52.87	%	Pass
Manufacturer: Agtegra-Tulare						
Product: AMS						
Sample No: 25N008543						
		Nitrogen, Total	21	20.82	%	Pass
		Sulfur	24	24.61	%	Pass
Product: Potash						
Sample No: 25N008542						
		Potash, Soluble as K2O	60	62.14	%	Pass
Manufacturer: Agtegra-Wolsey						
Product: AMS						
Sample No: 26N001344						
		Nitrogen, Total	20.5	21.20	%	Pass
		Sulfur	24	24.74	%	Pass
Sample No: 26N002850						
		Nitrogen, Total	21	21.45	%	Pass
		Sulfur	24	24.74	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product: Mesz						
Sample No:	26N002842					
		Commercial Value	116	117.04		
		Nitrogen, Total	12	12.36 %		Pass
		Overall Index Value		100.90 %		Pass
		Phosphate, Available as P2O	40	39.98 %		Pass
		Sulfur	10	10.02 %		Pass
		Zinc, Acid Soluble	1	0.99 %		Pass
Sample No:	26N002857					
		Commercial Value	115.1	124.07		
		Nitrogen, Total	11.7	14.24 %		Pass
		Overall Index Value		107.79 %		Pass
		Phosphate, Available as P2O	40	40.68 %		Pass
		Sulfur	10	10.01 %		Pass
		Zinc, Acid Soluble	1	0.99 %		Pass
Sample No:	26N002864					
		Commercial Value	116	120.66		
		Nitrogen, Total	12	13.68 %		Pass
		Overall Index Value		104.02 %		Pass
		Phosphate, Available as P2O	40	39.82 %		Pass
		Sulfur	10	10.11 %		Pass
		Zinc, Acid Soluble	1	0.97 %		Pass
Sample No:	26N002876					
		Commercial Value	116	120.51		
		Nitrogen, Total	12	13.49 %		Pass
		Overall Index Value		103.88 %		Pass
		Phosphate, Available as P2O	40	40.01 %		Pass
		Sulfur	10	9.77 %		Pass
		Zinc, Acid Soluble	1	1.00 %		Pass
Product: Potash						
Sample No:	26N002840					
		Potash, Soluble as K2O	60	59.11 %		Pass
Sample No:	26N002863					
		Potash, Soluble as K2O	60	59.96 %		Pass
Product: Urea						
Sample No:	26N002852					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	46	46.89	%	Pass
Manufacturer:	American Plant Food Corp					
Product:	AMS					
Sample No:	26N000363					
		Nitrogen, Total	21	21.25	%	Pass
		Sulfur	24	24.69	%	Pass
Manufacturer:	Big Soo Terminal					
Product:	Rhizosorb 8-39-0					
Sample No:	25N008734					
		Commercial Value	102	103.61		
		Nitrogen, Total	8	7.67	%	Pass
		Overall Index Value		101.58	%	Pass
		Phosphate, Available as P2C	39	40.30	%	Pass
Manufacturer:	Bonide Products, Inc.					
Product:	Bonide Liquid African Violet Plar					
Sample No:	25N006792					
		Commercial Value	48	48.25		
		Nitrogen, Total	7	6.97	%	Pass
		Overall Index Value		100.52	%	Pass
		Phosphate, Available as P2C	10	10.07	%	Pass
		Potash, Soluble as K2O	7	7.20	%	Pass
Product:	Bonide Liquid Cactus Plant Food					
Sample No:	26N000015					
		Commercial Value	27	26.96		
		Nitrogen, Total	2	1.93	%	Pass
		Overall Index Value		99.86	%	Pass
		Phosphate, Available as P2C	7	7.09	%	Pass
		Potash, Soluble as K2O	7	7.00	%	Pass
Product:	Bonide Liquid Orchid Food Conc					
Sample No:	25N006793					
		Commercial Value	50	49.10		
		Nitrogen, Total	9	8.78	%	Pass
		Overall Index Value		98.19	%	Pass
		Phosphate, Available as P2C	7	6.91	%	Pass
		Potash, Soluble as K2O	9	8.94	%	Pass
Product:	Bonide Liquid Plant Food (10-10					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No:	25N006791					
		Commercial Value	60	60.32		
		Nitrogen, Total	10	10.21 %		Pass
		Overall Index Value		100.53 %		Pass
		Phosphate, Available as P2O	10	9.93 %		Pass
		Potash, Soluble as K2O	10	9.83 %		Pass
Sample No:	26N000014					
		Commercial Value	60	60.10		
		Nitrogen, Total	10	10.22 %		Pass
		Overall Index Value		100.16 %		Pass
		Phosphate, Available as P2O	10	9.91 %		Pass
		Potash, Soluble as K2O	10	9.62 %		Pass
Product: Bonide Liquid Plant Food 10-1						
Sample No:	26N000436					
		Commercial Value	60	59.35		
		Nitrogen, Total	10	9.62 %		Pass
		Overall Index Value		98.92 %		Pass
		Phosphate, Available as P2O	10	10.10 %		Pass
		Potash, Soluble as K2O	10	10.30 %		Pass
Product: Liquid African Violet Plant Food						
Sample No:	26N000010					
		Commercial Value	48	47.87		
		Nitrogen, Total	7	6.98 %		Pass
		Overall Index Value		99.74 %		Pass
		Phosphate, Available as P2O	10	9.95 %		Pass
		Potash, Soluble as K2O	7	7.03 %		Pass
Product: Liquid African Violet Plant Food						
Sample No:	26N000441					
		Commercial Value	48	47.09		
		Nitrogen, Total	7	6.67 %		Pass
		Overall Index Value		98.11 %		Pass
		Phosphate, Available as P2O	10	9.69 %		Pass
		Potash, Soluble as K2O	7	7.70 %		Pass
Manufacturer: Canadian Pacific						
Product: Potash						
Sample No:		26N002220				

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u> <u>Unit</u>	<u>Disposition</u>
Manufacturer: Central Farmers Coop-Mon		Potash, Soluble as K2O	60	60.82 %	Pass
Product: Potash					
Sample No: 26N002975					
		Potash, Soluble (STPB) as k	60	59.79 %	Pass
Manufacturer: Central Garden & Pet-Atlan					
Product: Alaska Fish Fertilizer Tomato & '1					
Sample No: 26N003291					
		Calcium	5	12.60 %	Pass
		Commercial Value	27	39.43	
		Nitrogen, Total	3	4.80 %	Pass
		Overall Index Value		146.02 %	Pass
		Phosphate, Available as P2O	6	8.43 %	Pass
		Potash, Soluble as K2O	6	8.17 %	Pass
		Sulfur	5	5.90 %	Pass
Product: Ironite					
Sample No: 26N003866					
		Commercial Value	22	23.21	
		Iron	1.00	1.11 %	Pass
		Manganese, Acid Soluble	0.20	0.23 %	Pass
		Manganese, Water Soluble	0.20	0.21 %	Pass
		Nitrogen, Total	7.00	7.10 %	Pass
		Overall Index Value		105.52 %	Pass
		Potash, Soluble as K2O	1.00	1.91 %	Pass
		Zinc, Acid Soluble	0.05	0.05 %	Pass
		Zinc, Water Soluble	0.05	0.05 %	Pass
Product: Pennington Full Season All Purp					
Sample No: 26N003298					
		Calcium	13	15.60 %	Pass
		Commercial Value	60	60.61	
		Nitrogen, Total	10	9.70 %	Pass
		Overall Index Value		101.01 %	Pass
		Phosphate, Available as P2O	10	9.84 %	Pass
		Potash, Soluble as K2O	10	11.82 %	Pass
		Sulfur	3	3.99 %	Pass
Product: Pennington Full Season Tomato					

Sample No:		Analyte	Claim	Found Unit	Disposition
26N003297		Calcium	4	4.30 %	Pass
		Commercial Value	75	82.11	
		Nitrogen, Total	10	10.64 %	Pass
		Overall Index Value		109.49 %	Pass
		Phosphate, Available as P2O	15	16.66 %	Pass
		Potash, Soluble as K2O	15	16.88 %	Pass
		Sulfur	8	9.64 %	Pass
Manufacturer:	CF Industries LLC-Northbrook				
Product:	32-0-0 Liquid Fertilizer				
Sample No:	25N005984				
		Nitrogen, Total	32	32.70 %	Pass
Product:	46-0-0 Urea Dry Fertilizer				
Sample No:	25N005986				
		Nitrogen, Total	46	46.50 %	Pass
Product:	46-0-0 Urea fertilizer				
Sample No:	26N000660				
		Nitrogen, Total	46	46.74 %	Pass
Product:	Urea				
Sample No:	25N007609				
		Nitrogen, Total	46	45.60 %	Pass
Sample No:	26N002858				
		Nitrogen, Total	46	47.64 %	Pass
Sample No:	26N002964				
		Nitrogen, Total	46	46.72 %	Pass
Sample No:	26N003923				
		Nitrogen, Total	46	46.82 %	Pass
Sample No:	26N004222				
		Nitrogen, Total	46	46.13 %	Pass
Product:	Urea 46-0-0				
Sample No:	25N006245				
		Nitrogen, Total	46	45.36 %	Pass
Sample No:	25N006612				
		Nitrogen, Total	46	45.36 %	Pass
Sample No:	25N006614				
		Nitrogen, Total	46	45.19 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Sample No:	26N003417				
		Nitrogen, Total	46	46.83 %	Pass
Manufacturer:	CF Industries-Sergeant Blu				
Product:	46-0-0				
Sample No:	25N008539				
		Nitrogen, Total	46	46.20 %	Pass
Sample No:	25N008865				
		Nitrogen, Total	46	47.12 %	Pass
Sample No:	25N009538				
		Nitrogen, Total	46	45.22 %	Pass
Sample No:	25N009644				
		Nitrogen, Total	46.0	46.93 %	Pass
Sample No:	26N001165				
		Nitrogen, Total	46	46.63 %	Pass
Sample No:	26N001695				
		Nitrogen, Total	46	46.26 %	Pass
Sample No:	26N001700				
		Nitrogen, Total	46	46.57 %	Pass
Sample No:	26N002883				
		Nitrogen, Total	46	45.49 %	Pass
Product:	Eurea				
Sample No:	25N010487				
		Nitrogen, Total	46	46.70 %	Pass
Product:	MAP 11-52-0				
Sample No:	26N001338				
		Commercial Value	137	138.93	
		Nitrogen, Total	11	11.06 %	Pass
		Overall Index Value		101.41 %	Pass
		Phosphate, Available as P2O	52	52.88 %	Pass
Product:	Urea				
Sample No:	25N008379				
		Nitrogen, Total	46	46.99 %	Pass
Sample No:	25N008738				
		Nitrogen, Total	46	46.81 %	Pass
Sample No:	25N008794				
		Nitrogen, Total	46	46.59 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Sample No:	25N008798				
		Nitrogen, Total	46	46.60 %	Pass
Sample No:	26N000362				
		Nitrogen, Total	46	47.09 %	Pass
Sample No:	26N000732				
		Nitrogen, Total	46	46.63 %	Pass
Sample No:	26N001703				
		Nitrogen, Total	46	47.16 %	Pass
Sample No:	26N001705				
		Nitrogen, Total	46	45.56 %	Pass
Sample No:	26N001712				
		Nitrogen, Total	46	46.51 %	Pass
Sample No:	26N002971				
		Nitrogen, Total	46	45.44 %	Pass
Sample No:	26N002976				
		Nitrogen, Total	46	45.75 %	Pass
Sample No:	26N004328				
		Nitrogen, Total	46	46.13 %	Pass
Product: Urea (46-0-0)					
Sample No:	26N001849				
		Nitrogen, Total	46	45.91 %	Pass
Sample No:	26N002745				
		Nitrogen, Total	46	46.56 %	Pass
Product: Urea 46-0-0					
Sample No:	25N007159				
		Nitrogen, Total	46	45.88 %	Pass
Sample No:	25N008819				
		Nitrogen, Total	46	46.61 %	Pass
Sample No:	25N009228				
		Nitrogen, Total	46	46.95 %	Pass
Sample No:	25N009704				
		Nitrogen, Total	46	46.47 %	Pass
Sample No:	26N001313				
		Nitrogen, Total	46	46.49 %	Pass
Sample No:	26N001339				
		Nitrogen, Total	46	46.28 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Sample No:	26N001713				
		Nitrogen, Total	46	46.43 %	Pass
Sample No:	26N002986				
		Nitrogen, Total	46	45.93 %	Pass
Sample No:	26N004788				
		Nitrogen, Total	46	47.79 %	Pass
Manufacturer: CFC Freemar-Dimock Product: Urea 46-0-0					
Sample No:	26N000431				
		Nitrogen, Total	46	46.33 %	Pass
Manufacturer: CFC Freemar-Marion Product: 21-0-0-24 AMS					
Sample No:	25N008371				
		Nitrogen, Total	21	21.01 %	Pass
		Sulfur	24	24.38 %	Pass
Product: AMS					
Sample No:	26N000465				
		Nitrogen, Total	21	21.28 %	Pass
		Sulfur	24	24.55 %	Pass
Product: MAP					
Sample No:	26N000467				
		Commercial Value	137	137.19	
		Nitrogen, Total	11	10.96 %	Pass
		Overall Index Value		100.14 %	Pass
		Phosphate, Available as P2O	52	52.18 %	Pass
Product: Potash					
Sample No:	25N008374				
		Potash, Soluble as K2O	60	59.53 %	Pass
Sample No:	25N008795				
		Potash, Soluble as K2O	60	61.11 %	Pass
Sample No:	26N000466				
		Potash, Soluble as K2O	60	58.47 %	Pass
Sample No:	26N001711				
		Potash, Soluble as K2O	60	60.63 %	Pass
Product: Urea					
Sample No:	26N000463				

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u> <u>Unit</u>	<u>Disposition</u>
Manufacturer: CHS-Alton		Nitrogen, Total	46	46.32 %	Pass
Product: AMS 21-0-0-24S					
Sample No: 26N004790					
		Nitrogen, Total	21	21.97 %	Pass
		Sulfur	24	24.09 %	Pass
Product: Potash 0-0-60					
Sample No: 26N004789					
		Potash, Soluble as K2O	60	62.55 %	Pass
Manufacturer: CHS-Brooten					
Product: AMS					
Sample No: 26N001689					
		Nitrogen, Total	21	21.13 %	Pass
		Sulfur	24	24.42 %	Pass
Manufacturer: CHS-Inver Grove Heights					
Product: Lumen (5-15-3-0.8zn)					
Sample No: 26N002995					
		Commercial Value (STPB)	48	45.53	Pass
		Nitrogen, Total	5.00	4.57 %	Pass
		Overall Index Value (STPB)		94.85 %	Deficient
		Phosphate, Available as P2O5	15.00	14.46 %	Pass
		Potash, Soluble (STPB) as K2O	3.00	2.90 %	Pass
		Zinc, Acid Soluble	0.80	0.73 %	Pass
		Zinc, Chelated	0.80	0.74 %	Pass
Manufacturer: CHS-Minneapolis					
Product: 0-0-60					
Sample No: 26N003622					
		Potash, Soluble as K2O	60	62.84 %	Pass
Manufacturer: CHS-Mitchell-Elevator Rd					
Product: AMS					
Sample No: 25N008793					
		Nitrogen, Total	21	20.64 %	Pass
		Sulfur	24	23.73 %	Pass
Sample No: 26N001706					
		Nitrogen, Total	21	21.62 %	Pass
		Sulfur	24	24.30 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No:	26N002089					
		Nitrogen, Total	21	21.76	%	Pass
		Sulfur	24	24.57	%	Pass
Product: MAP						
Sample No:	25N008792					
		Commercial Value	137	131.72		
		Nitrogen, Total	11	11.36	%	Pass
		Overall Index Value		96.15	%	Deficient
		Phosphate, Available as P2O	52	48.82	%	Deficient
Sample No:	26N000364					
		Commercial Value	137	129.97		
		Nitrogen, Total	11	10.79	%	Pass
		Overall Index Value		94.87	%	Deficient
		Phosphate, Available as P2O	52	48.80	%	Deficient
Sample No:	26N001709					
		Commercial Value	137	128.87		
		Nitrogen, Total	11	10.98	%	Pass
		Overall Index Value		94.07	%	Deficient
		Phosphate, Available as P2O	52	47.97	%	Deficient
Sample No:	26N002087					
		Commercial Value	137	138.37		
		Nitrogen, Total	11	12.23	%	Pass
		Overall Index Value		101.00	%	Pass
		Phosphate, Available as P2O	52	50.85	%	Deficient
Product: Mesz						
Sample No:	26N001707					
		Commercial Value	116	115.33		
		Nitrogen, Total	12	12.34	%	Pass
		Overall Index Value		99.43	%	Pass
		Phosphate, Available as P2O	40	39.16	%	Pass
		Sulfur	10	10.78	%	Pass
		Zinc, Acid Soluble	1	0.90	%	Pass
Sample No:	26N002086					
		Commercial Value	116	117.38		
		Nitrogen, Total	12	12.63	%	Pass
		Overall Index Value		101.19	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Phosphate, Available as P2O	40	39.75	%	Pass
		Sulfur	10	10.41	%	Pass
		Zinc, Acid Soluble	1	0.97	%	Pass
Product:	Urea					
Sample No:	26N002088					
		Nitrogen, Total	46	45.79	%	Pass
Manufacturer:	CHS-Mooreton					
Product:	MAP					
Sample No:	26N001164					
		Commercial Value	137	136.89		
		Nitrogen, Total	11	11.44	%	Pass
		Overall Index Value		99.92	%	Pass
		Phosphate, Available as P2O	52	51.29	%	Pass
Product:	MESZ					
Sample No:	26N001159					
		Commercial Value	116	115.20		
		Nitrogen, Total	12	11.88	%	Pass
		Overall Index Value		99.31	%	Pass
		Phosphate, Available as P2O	40	39.79	%	Pass
		Sulfur	10	9.33	%	Pass
		Zinc, Acid Soluble	1	1.22	%	Pass
Manufacturer:	CHS-Onida					
Product:	11-0-0-24s AMM Thio Sulfate liq					
Sample No:	26N000652					
		Nitrogen, Total	11	12.38	%	Pass
		Sulfur	24	21.97	%	Deficient
Product:	28-0-0 liquid fertilizer					
Sample No:	26N000653					
		Nitrogen, Total	28	28.39	%	Pass
Manufacturer:	CHS-Selby 1510					
Product:	Mesz (12-40-0-10s-1zn)					
Sample No:	26N004742					
		Commercial Value	116	119.57		
		Nitrogen, Total	12	12.30	%	Pass
		Overall Index Value		103.08	%	Pass
		Phosphate, Available as P2O	40	41.34	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Sulfur	10	10.04	%	Pass
		Zinc, Acid Soluble	1	0.95	%	Pass
Manufacturer:	CHS-Selby 507					
Product:	11-52-0					
Sample No:	26N001685					
		Commercial Value	137	133.70		
		Nitrogen, Total	11	10.75	%	Pass
		Overall Index Value		97.59	%	Deficient
		Phosphate, Available as P2C	52	50.73	%	Deficient
Product:	AMS					
Sample No:	26N001687					
		Nitrogen, Total	21	20.67	%	Pass
		Sulfur	24	24.25	%	Pass
Product:	MESZ					
Sample No:	26N001688					
		Commercial Value	116	114.63		
		Nitrogen, Total	12	11.64	%	Pass
		Overall Index Value		98.82	%	Pass
		Phosphate, Available as P2C	40	39.86	%	Pass
		Sulfur	10	9.86	%	Pass
		Zinc, Acid Soluble	1	0.93	%	Pass
Manufacturer:	CHS-St. Paul					
Product:	AMS					
Sample No:	26N003627					
		Nitrogen, Total	21	21.85	%	Pass
		Sulfur	24	23.74	%	Pass
Product:	DAP 18-46-0					
Sample No:	25N009706					
		Commercial Value	146	147.83		
		Nitrogen, Total	18	18.68	%	Pass
		Overall Index Value		101.26	%	Pass
		Phosphate, Available as P2C	46	45.90	%	Pass
Product:	MAP					
Sample No:	26N003629					
		Commercial Value	137	143.13		
		Nitrogen, Total	11	11.86	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No:	26N004221	Overall Index Value		104.47	%	Pass
		Phosphate, Available as P2O	52	53.77	%	Pass
		Commercial Value	137	144.08		
		Nitrogen, Total	11	12.01	%	Pass
		Overall Index Value		105.17	%	Pass
		Phosphate, Available as P2O	52	54.03	%	Pass
Product:	Urea					
Sample No:	25N008373					
		Nitrogen, Total	46	46.21	%	Pass
Manufacturer:	CHS-Watertown-20th Ave					
Product:	0-0-60					
Sample No:	26N002884					
		Potash, Soluble (STPB) as K	60	59.09	%	Pass
Product:	11-52-0					
Sample No:	25N008378					
		Commercial Value	137	140.64		
		Nitrogen, Total	11	11.68	%	Pass
		Overall Index Value		102.66	%	Pass
		Phosphate, Available as P2O	52	52.80	%	Pass
Product:	46-0-0					
Sample No:	26N000641					
		Nitrogen, Total	46	46.61	%	Pass
Product:	AMS					
Sample No:	26N002887					
		Nitrogen, Total	21	22.67	%	Pass
		Sulfur	24	24.91	%	Pass
Sample No:	26N002970					
		Nitrogen, Total	21	20.47	%	Pass
		Sulfur	24	25.20	%	Pass
Sample No:	26N004218					
		Nitrogen, Total	21	21.21	%	Pass
		Sulfur	24	24.51	%	Pass
Product:	AMS 21-0-0-24					
Sample No:	25N007158					
		Nitrogen, Total	21	20.35	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u> <u>Unit</u>	<u>Disposition</u>
Product: AMS 21-0-0-24S		Sulfur	24	23.81 %	Pass
Sample No:	25N009705				
		Nitrogen, Total	21	21.47 %	Pass
		Sulfur	24	24.58 %	Pass
Product: MAP					
Sample No:	25N008545				
		Commercial Value	137	137.95	
		Nitrogen, Total	11	10.85 %	Pass
		Overall Index Value		100.69 %	Pass
		Phosphate, Available as P2O	52	52.70 %	Pass
Sample No:	26N000640				
		Commercial Value	137	138.77	
		Nitrogen, Total	11	11.58 %	Pass
		Overall Index Value		101.29 %	Pass
		Phosphate, Available as P2O	52	52.01 %	Pass
Sample No:	26N002885				
		Commercial Value	137	146.32	
		Nitrogen, Total	11	12.77 %	Pass
		Overall Index Value		106.80 %	Pass
		Phosphate, Available as P2O	52	54.01 %	Pass
Sample No:	26N002965				
		Commercial Value	137	144.20	
		Nitrogen, Total	11	12.39 %	Pass
		Overall Index Value		105.26 %	Pass
		Phosphate, Available as P2O	52	53.52 %	Pass
Sample No:	26N002969				
		Commercial Value	137	141.27	
		Nitrogen, Total	11	11.45 %	Pass
		Overall Index Value		103.12 %	Pass
		Phosphate, Available as P2O	52	53.46 %	Pass
Sample No:	26N004217				
		Commercial Value	137	141.75	
		Nitrogen, Total	11	11.40 %	Pass
		Overall Index Value		103.47 %	Pass
		Phosphate, Available as P2O	52	53.78 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product: MAP (11-52-0)						
Sample No:	26N001850					
		Commercial Value	137	140.73		
		Nitrogen, Total	11	11.84 %		Pass
		Overall Index Value		102.72 %		Pass
		Phosphate, Available as P2O	52	52.60 %		Pass
Product: MAP 11-52-0						
Sample No:	26N004791					
		Commercial Value	137	144.16		
		Nitrogen, Total	11	12.06 %		Pass
		Overall Index Value		105.23 %		Pass
		Phosphate, Available as P2O	52	53.99 %		Pass
Product: Potash						
Sample No:	25N008867					
		Potash, Soluble as K2O	60	60.94 %		Pass
Sample No:	25N008869					
		Potash, Soluble as K2O	60	60.71 %		Pass
Sample No:	25N009643					
		Potash, Soluble as K2O	60.0	64.38 %		Pass
Sample No:	26N000642					
		Potash, Soluble as K2O	60	58.93 %		Pass
Sample No:	26N003628					
		Potash, Soluble as K2O	60	59.53 %		Pass
Sample No:	26N004216					
		Potash, Soluble as K2O	60	62.18 %		Pass
Product: Potash 0-0-60						
Sample No:	25N007157					
		Potash, Soluble as K2O	60	59.93 %		Pass
Sample No:	25N009652					
		Potash, Soluble as K2O	60	63.43 %		Pass
Manufacturer: Cone Ag-Pierre						
Product:	11-0-0-0-24Sulfur Am Thio Liquid					
Sample No:	25N005985					
		Nitrogen, Total	11	11.22 %		Pass
		Sulfur	24	22.43 %		Deficient
Product: Liquid Fertilizer (10-34-0)						

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No:	26N002749					
		Commercial Value	98	99.98		
		Nitrogen, Total	10	11.31 %		Pass
		Overall Index Value		102.02 %		Pass
		Phosphate, Available as P2O	34	33.03 %		Deficient
Product:	Liquid Fertilizer (27-0-0-1sulfur)					
Sample No:	26N002748					
		Nitrogen, Total	27	27.38 %		Pass
		Sulfur	1	1.19 %		Pass
Manufacturer:	Dakota Gasification Company					
Product:	Urea (46-0-0)					
Sample No:	26N004739					
		Nitrogen, Total	46	47.59 %		Pass
Manufacturer:	Dakota Mill & Grain-Ft Pierre					
Product:	Liquid Fertilizer 28-0-0					
Sample No:	26N003416					
		Nitrogen, Total	28	27.27 %		Pass
Manufacturer:	Dakota Mill & Grain-Presho					
Product:	28-0-0 Liquid Fertilizer					
Sample No:	25N006525					
		Nitrogen, Total	28	27.79 %		Pass
Manufacturer:	Dakota Mill & Grain-Wall					
Product:	Liquid fertilizer 28-0-0 [diluted for use]					
Sample No:	26N001309					
		Nitrogen, Total	28	25.27 %		Deficient
Manufacturer:	Dr. Earth					
Product:	Dr Earth Home Grown Tomato and Vegetable					
Sample No:	26N004751					
		Calcium	7.5	9.40 %		Pass
		Commercial Value	27	37.34		
		Nitrogen, Total	4	5.75 %		Pass
		Overall Index Value		138.30 %		Pass
		Phosphate, Available as P2O	6	7.77 %		Pass
		Potash, Soluble as K2O	3	4.55 %		Pass
Manufacturer:	Easy Gardener Inc					
Product:	Jobes Fertilizer Spikes (9-12-9)					

Sample No:	25N006807	Analyte	Claim	Found Unit	Disposition
		Commercial Value	60	92.84	
		Nitrogen, Total	9	12.72 %	Pass
		Overall Index Value		154.73 %	Pass
		Phosphate, Available as P2O	12	20.29 %	Pass
		Potash, Soluble as K2O	9	14.11 %	Pass
Product:	Jobes Fertilizer Spikes 2-7-4				
Sample No:	26N004796				
		Commercial Value	24	40.28	
		Nitrogen, Total	2	6.47 %	Pass
		Overall Index Value		167.82 %	Pass
		Phosphate, Available as P2O	7	6.38 %	Pass
		Potash, Soluble as K2O	4	8.11 %	Pass
Product:	Jobes Organics Vegetable Fertil				
Sample No:	26N004822				
		Commercial Value	24	36.41	
		Nitrogen, Total	2	5.27 %	Pass
		Overall Index Value		151.70 %	Pass
		Phosphate, Available as P2O	7	6.36 %	Pass
		Potash, Soluble as K2O	4	7.88 %	Pass
Product:	Jobes Tomato Fertilizer Spikes (				
Sample No:	26N004823				
		Commercial Value	60	76.04	
		Nitrogen, Total	6	9.61 %	Pass
		Overall Index Value		126.73 %	Pass
		Phosphate, Available as P2O	18	20.60 %	Pass
		Potash, Soluble as K2O	6	6.01 %	Pass
Manufacturer:	Espoma Company				
Product:	Berry Tone Fruit and Berry Food				
Sample No:	26N004452				
		Calcium	5.0	6.40 %	Pass
		Commercial Value	22	24.78	
		Magnesium, Acid Soluble	1.0	0.76 %	Pass
		Magnesium, Water Soluble	0.7	0.52 %	Deficient
		Nitrogen, Total	4.0	5.20 %	Pass
		Overall Index Value		112.62 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	Espoma Garden-tone Herb & Vegetable Fertilizer	Phosphate, Available as P2O5	3.0	2.61	%	Pass
		Potash, Soluble as K2O	4.0	3.95	%	Pass
		Sulfur	5.0	3.25	%	Deficient
Sample No:		26N003287				
Product:	Espoma Organic Blood Meal	Calcium	5.0	10.17	%	Pass
		Commercial Value (STPB)	21	27.62		
		Magnesium, Acid Soluble	1.0	1.94	%	Pass
		Magnesium, Water Soluble	0.7	1.49	%	Pass
		Nitrogen, Total	3.0	4.04	%	Pass
		Overall Index Value (STPB)		131.51	%	Pass
		Phosphate, Available as P2O5	4.0	5.83	%	Pass
		Potash, Soluble (STPB) as K2O	4.0	3.84	%	Pass
		Sulfur	2.0	3.19	%	Pass
Sample No:		26N004831				
Product:	Espoma Organic Orchid Bloom Fertilizer	Nitrogen, Total	12.0	15.93	%	Pass
Sample No:		26N003293				
Product:	Espoma Tomato & Vegetable Fertilizer	Calcium	1	1.06	%	Pass
		Commercial Value	10	17.33		
		Nitrogen, Total	1	1.41	%	Pass
		Overall Index Value		173.29	%	Pass
		Phosphate, Available as P2O5	3	3.27	%	Pass
		Potash, Soluble as K2O	1	6.56	%	Pass
Sample No:		26N003283				
Product:	Espoma Tomato & Vegetable Fertilizer	Calcium	8.0	10.68	%	Pass
		Commercial Value (STPB)	23	28.71		
		Magnesium, Acid Soluble	0.9	2.33	%	Pass
		Magnesium, Water Soluble	0.6	0.99	%	Pass
		Nitrogen, Total	3.0	3.83	%	Pass
		Overall Index Value (STPB)		124.82	%	Pass
		Phosphate, Available as P2O5	4.0	5.43	%	Pass
		Potash, Soluble (STPB) as K2O	6.0	6.36	%	Pass
		Sulfur	2.5	3.60	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No: 26N005392		Calcium	8.0		%	
		Commercial Value	23			
		Magnesium, Acid Soluble	0.9		%	
		Magnesium, Water Soluble	0.6	0.97	%	Pass
		Nitrogen, Total	3.0	4.53	%	Pass
		Overall Index Value			%	
		Phosphate, Available as P2O	4.0	3.86	%	Pass
		Potash, Soluble as K2O	6.0	7.09	%	Pass
		Sulfur	2.5	3.75	%	Pass
Product: Rose-Tone Rose and Flower Fertilizer						
Sample No: 26N003855		Calcium	5.0	10.44	%	Pass
		Commercial Value	20	24.63		
		Magnesium, Acid Soluble	0.5	0.67	%	Pass
		Magnesium, Water Soluble	0.2	0.29	%	Pass
		Nitrogen, Total	4.0	4.26	%	Pass
		Overall Index Value		123.14	%	Pass
		Phosphate, Available as P2O	3.0	4.44	%	Pass
		Potash, Soluble as K2O	2.0	2.97	%	Pass
Manufacturer: EuroChem North America Corporation						
Product: MAP 11-52-0						
Sample No: 25N008820		Commercial Value	137	140.08		
		Nitrogen, Total	11	11.36	%	Pass
		Overall Index Value		102.25	%	Pass
		Phosphate, Available as P2O	52	53.00	%	Pass
Product: MESZ						
Sample No: 26N001171		Commercial Value	116	115.01		
		Nitrogen, Total	12	12.04	%	Pass
		Overall Index Value		99.15	%	Pass
		Phosphate, Available as P2O	40	39.45	%	Pass
		Sulfur	10	10.10	%	Pass
		Zinc, Acid Soluble	1	0.95	%	Pass
Product: Urea						

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u> <u>Unit</u>	<u>Disposition</u>
Sample No:	26N002967				
		Nitrogen, Total	46	46.31 %	Pass
Sample No:	26N003327				
		Nitrogen, Total	46	46.60 %	Pass
Manufacturer:	Fremar LLC-Marion				
Product:	MAP				
Sample No:	26N000735				
		Commercial Value	137	136.60	
		Nitrogen, Total	11	11.32 %	Pass
		Overall Index Value		99.71 %	Pass
		Phosphate, Available as P2C	52	51.32 %	Pass
Sample No:	26N004403				
		Commercial Value	137	143.26	
		Nitrogen, Total	11	11.49 %	Pass
		Overall Index Value		104.57 %	Pass
		Phosphate, Available as P2C	52	54.40 %	Pass
Manufacturer:	GroTec Inc.				
Product:	Expert Garden Azalea, Camellia				
Sample No:	26N003289				
		Calcium	3	7.99 %	Pass
		Commercial Value	54	57.98	
		Iron	1.5	2.36 %	Pass
		Magnesium, Acid Soluble	1	2.81 %	Pass
		Magnesium, Water Soluble	1	0.83 %	Pass
		Manganese, Acid Soluble	0.2	0.25 %	Pass
		Nitrogen, Total	10	10.68 %	Pass
		Overall Index Value		107.38 %	Pass
		Phosphate, Available as P2C	8	8.41 %	Pass
		Potash, Soluble as K2O	8	9.13 %	Pass
		Sulfur	5	7.54 %	Pass
		Zinc, Acid Soluble	0.05	0.08 %	Pass
Product:	Expert Gardener Indoor & Outdc				
Sample No:	26N003325				
		Commercial Value	81	87.92	
		Nitrogen, Total	19.00	20.11 %	Pass
		Overall Index Value		108.54 %	Pass

		Analyte	Claim	Found	Unit	Disposition
Product:	Expert Gardener Tomato & Vegetable	Phosphate, Available as P2O5	6.00	6.77	%	Pass
		Potash, Soluble as K2O	12.00	14.05	%	Pass
		Sulfur	4.60	5.08	%	Pass
Sample No:		26N003288				
Product:	Ironite Plus	Calcium	3	7.79	%	Pass
		Commercial Value	61	59.90		
		Iron	1	1.81	%	Pass
		Magnesium, Acid Soluble	2	4.27	%	Pass
		Magnesium, Water Soluble	2	2.18	%	Pass
		Manganese, Acid Soluble	0.2	0.23	%	Pass
		Nitrogen, Total	12	11.28	%	Deficient
		Overall Index Value		98.20	%	Pass
		Phosphate, Available as P2O5	10	10.00	%	Pass
		Potash, Soluble as K2O	5	6.07	%	Pass
		Sulfur	7	8.90	%	Pass
		Zinc, Acid Soluble	0.05	0.08	%	Pass
		Sample No:		26N003865		
Product:	Stagreen Indoor & Outdoor All Purpose	Boron, Acid Soluble	0.02	0.08	%	Pass
		Commercial Value	66	66.50		
		Iron	2.0	6.78	%	Pass
		Manganese, Acid Soluble	0.10	0.38	%	Pass
		Manganese, Water Soluble	0.03	0.02	%	Deficient
		Nitrogen, Total	12	11.85	%	Pass
		Overall Index Value		100.76	%	Pass
		Phosphate, Available as P2O5	10	10.10	%	Pass
		Potash, Soluble as K2O	10	10.75	%	Pass
		Sulfur	9	9.58	%	Pass
		Zinc, Acid Soluble	0.10	0.32	%	Pass
		Zinc, Water Soluble	0.02	0.03	%	Pass
		Sample No:		26N003858		
Product:	Stagreen Indoor & Outdoor All Purpose	Commercial Value	81	86.61		
		Nitrogen, Total	19.00	19.79	%	Pass
		Overall Index Value		106.92	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Phosphate, Available as P2O	6.00	7.14	%	Pass
		Potash, Soluble as K2O	12.00	12.95	%	Pass
		Sulfur	4.60	5.85	%	Pass
Product:	Stagreen Water Soluble Tomato					
Sample No:	26N003856					
		Commercial Value	111	116.69		
		Copper	0.05	0.00	%	Deficient
		Iron	0.10	0.01	%	Deficient
		Magnesium, Acid Soluble	0.50	0.05	%	Deficient
		Magnesium, Water Soluble	0.50	0.05	%	Deficient
		Manganese, Acid Soluble	0.05	0.00	%	Deficient
		Nitrogen, Total	18.00	19.56	%	Pass
		Overall Index Value		105.13	%	Pass
		Phosphate, Available as P2O	18.00	18.22	%	Pass
		Potash, Soluble as K2O	21.00	21.57	%	Pass
		Sulfur	1.47	2.17	%	Pass
		Zinc, Acid Soluble	0.05	0.00	%	Deficient
		Zinc, Water Soluble	0.05	0.00	%	Deficient
Manufacturer:	Gro-Well					
Product:	Gro-Well Tomato & Vegetable					
Sample No:	26N003921					
		Calcium	5.00	7.68	%	Pass
		Commercial Value	35	38.07		
		Nitrogen, Total	8.00	7.85	%	Pass
		Overall Index Value		108.77	%	Pass
		Phosphate, Available as P2O	5.00	6.49	%	Pass
		Potash, Soluble as K2O	1.00	1.55	%	Pass
Manufacturer:	Growmark Inc					
Product:	Urea					
Sample No:	26N004404					
		Nitrogen, Total	46	46.13	%	Pass
Manufacturer:	Hartford Farmers Elevator					
Product:	Custom Blend Fertilizer					
Sample No:	26N002987					
		Commercial Value (STPB)	111	112.15		
		Nitrogen, Total	23.97	23.19	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Overall Index Value (STPB)	98	101.04	%	Pass
		Phosphate, Available as P2O5	14.98	16.80	%	Pass
		Potash, Soluble (STPB) as K2O	8.99	8.38	%	Pass
		Sulfur	4.493	5.84	%	Pass
		Zinc, Acid Soluble	.300	0.41	%	Pass
Manufacturer: International Raw Materials						
Product: Ammonium Sulfate (AMS: 21-0-0)						
Sample No: 26N004740						
		Nitrogen, Total	21	21.60	%	Pass
		Sulfur	24	23.84	%	Pass
Manufacturer: Interoceanic Corp--White P						
Product: AMS						
Sample No: 26N004406						
		Nitrogen, Total	21	20.56	%	Pass
		Sulfur	24	24.55	%	Pass
Manufacturer: Itafos Conda-Soda Springs						
Product: Ammonium Phosphate Sulfate (						
Sample No: 25N006616						
		Commercial Value	114	122.11		
		Nitrogen, Total	12	12.61	%	Pass
		Overall Index Value		107.12	%	Pass
		Phosphate, Available as P2O5	39	42.14	%	Pass
		Sulfur	6	6.54	%	Pass
Product: Ammonium Phosphate Sulfate F						
Sample No: 26N001315						
		Commercial Value	114	119.22		
		Nitrogen, Total	12	12.99	%	Pass
		Overall Index Value		104.58	%	Pass
		Phosphate, Available as P2O5	39	40.12	%	Pass
		Sulfur	6	7.39	%	Pass
Manufacturer: J.R. Peters Inc.						
Product: Jack's Classic All Purpose fertiliz						
Sample No: 25N006357						
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	120	124.81		
		Copper	0.05	0.05	%	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u> <u>Unit</u>	<u>Disposition</u>
Iron	0.10	0.11 %	Pass
Manganese, Acid Soluble	0.05	0.06 %	Pass
Nitrogen, Total	20	21.04 %	Pass
Overall Index Value		104.00 %	Pass
Phosphate, Available as P2O	20	19.96 %	Pass
Potash, Soluble as K2O	20	21.78 %	Pass
Zinc, Acid Soluble	0.05	0.05 %	Pass
Zinc, Chelated	0.05	0.06 %	Pass

Product: Jack's Classic All Purpose Plant

Sample No: 26N000003

Boron, Acid Soluble	0.02	0.02 %	Pass
Commercial Value	120	127.92	
Copper	0.05	0.05 %	Pass
Iron	0.10	0.12 %	Pass
Manganese, Acid Soluble	0.05	0.06 %	Pass
Nitrogen, Total	20	21.83 %	Pass
Overall Index Value		106.60 %	Pass
Phosphate, Available as P2O	20	20.63 %	Pass
Potash, Soluble as K2O	20	21.16 %	Pass
Zinc, Acid Soluble	0.05	0.06 %	Pass
Zinc, Chelated	0.05	0.06 %	Pass

Product: Jack's Classic Blossom Booster

Sample No: 25N006360

Boron, Acid Soluble	0.02	0.02 %	Pass
Commercial Value	110	117.92	
Copper	0.05	0.05 %	Pass
Iron	0.10	0.11 %	Pass
Magnesium, Acid Soluble	0.50	0.51 %	Pass
Magnesium, Water Soluble	0.50	0.58 %	Pass
Manganese, Acid Soluble	0.05	0.06 %	Pass
Nitrogen, Total	10	11.68 %	Pass
Overall Index Value		107.20 %	Pass
Phosphate, Available as P2O	30	30.19 %	Pass
Potash, Soluble as K2O	20	22.51 %	Pass
Zinc, Acid Soluble	0.05	0.05 %	Pass
Zinc, Chelated	0.05	0.05 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	Jacks Classic Blossom Booster					
Sample No:	26N000004					
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	110	119.37		
		Copper	0.05	0.05	%	Pass
		Iron	0.10	0.11	%	Pass
		Magnesium, Acid Soluble	0.50	0.57	%	Pass
		Magnesium, Water Soluble	0.50	0.57	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	10	10.59	%	Pass
		Overall Index Value		108.51	%	Pass
		Phosphate, Available as P2O5	30	32.50	%	Pass
		Potash, Soluble as K2O	20	22.60	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Chelated	0.05	0.06	%	Pass
Product:	Jack's Classic Houseplant Spec					
Sample No:	25N006361					
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	120	125.86		
		Copper	0.05	0.05	%	Pass
		Iron	0.10	0.11	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	15	15.89	%	Pass
		Overall Index Value		104.89	%	Pass
		Phosphate, Available as P2O5	30	30.43	%	Pass
		Potash, Soluble as K2O	15	17.35	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Chelated	0.05	0.06	%	Pass
Product:	Jacks Classic Houseplant Spec					
Sample No:	26N000005					
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	120	128.31		
		Copper	0.05	0.05	%	Pass
		Iron	0.10	0.12	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	15	17.13	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u> <u>Unit</u>	<u>Disposition</u>
		Overall Index Value		106.92 %	Pass
		Phosphate, Available as P2O5	30	29.75 %	Pass
		Potash, Soluble as K2O	15	17.41 %	Pass
		Zinc, Acid Soluble	0.05	0.06 %	Pass
		Zinc, Chelated	0.05	0.06 %	Pass
Product:	Jacks Classic Orchid Special Plant Food				
Sample No:	26N000006				
		Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	120	126.36	
		Copper	0.05	0.05 %	Pass
		Iron	0.10	0.12 %	Pass
		Manganese, Acid Soluble	0.05	0.06 %	Pass
		Nitrogen, Total	30	29.19 %	Pass
		Overall Index Value		105.30 %	Pass
		Phosphate, Available as P2O5	10	12.11 %	Pass
		Potash, Soluble as K2O	10	14.58 %	Pass
		Zinc, Acid Soluble	0.05	0.06 %	Pass
		Zinc, Chelated	0.05	0.06 %	Pass
Product:	Jacks Classic Veggie Feed (12-0-0)				
Sample No:	26N000002				
		Boron, Acid Soluble	0.02	0.02 %	Pass
		Calcium	0.50	0.51 %	Pass
		Commercial Value	96	97.72	
		Copper	0.05	0.05 %	Pass
		Iron	0.10	0.13 %	Pass
		Magnesium, Acid Soluble	0.30	0.31 %	Pass
		Magnesium, Water Soluble	0.30	0.31 %	Pass
		Manganese, Acid Soluble	0.05	0.06 %	Pass
		Nitrogen, Total	12.0	12.29 %	Pass
		Overall Index Value		101.79 %	Pass
		Phosphate, Available as P2O5	15.0	14.77 %	Pass
		Potash, Soluble as K2O	30.0	31.30 %	Pass
		Sulfur	0.64	0.58 %	Pass
		Zinc, Acid Soluble	0.05	0.06 %	Pass
		Zinc, Chelated	0.05	0.06 %	Pass
Product:	Jack's ClassiCote Time Release				

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No:	25N006412					
		Commercial Value	84	96.87		
		Iron	0.6	0.36 %		Deficient
		Magnesium, Acid Soluble	1.3	1.18 %		Pass
		Magnesium, Water Soluble	0.3	0.91 %		Pass
		Manganese, Acid Soluble	0.09	0.08 %		Pass
		Manganese, Water Soluble	0.09	0.03 %		Deficient
		Nitrogen, Total	15	17.86 %		Pass
		Overall Index Value		115.32 %		Pass
		Phosphate, Available as P2O	8	9.62 %		Pass
		Potash, Soluble as K2O	23	24.06 %		Pass
		Sulfur	2	1.82 %		Pass
Manufacturer:	JR Simplot Company-Poca					
Product:	MAP					
Sample No:	25N007610					
		Commercial Value	137	137.97		
		Nitrogen, Total	11	10.79 %		Pass
		Overall Index Value		100.71 %		Pass
Sample No:	26N002854	Phosphate, Available as P2O	52	52.80 %		Pass
		Commercial Value	137	139.11		
		Nitrogen, Total	11	11.97 %		Pass
		Overall Index Value		101.54 %		Pass
Sample No:	26N002877	Phosphate, Available as P2O	52	51.60 %		Pass
		Commercial Value	137	144.23		
		Nitrogen, Total	11	12.95 %		Pass
		Overall Index Value		105.27 %		Pass
		Phosphate, Available as P2O	52	52.68 %		Pass
		Commercial Value	137	135.27		
		Nitrogen, Total	11	10.92 %		Pass
		Overall Index Value		98.73 %		Pass
Manufacturer:		JR Simplot Company-Rock				
Product:		11-52-0				
Sample No:	26N000645					
		Commercial Value	137	135.27		
		Nitrogen, Total	11	10.92 %		Pass
		Overall Index Value		98.73 %		Pass
		Phosphate, Available as P2O	52	51.25 %		Pass

		Analyte	Claim	Found	Unit	Disposition
Product: 40 Rock						
Sample No: 26N003330						
		Commercial Value	116	119.00		
		Nitrogen, Total	12	12.76 %		Pass
		Overall Index Value		102.58 %		Pass
		Phosphate, Available as P2O	40	40.36 %		Pass
		Sulfur	6.5	6.44 %		Pass
		Zinc, Acid Soluble	1	1.14 %		Pass
Product: MAP						
Sample No: 26N001166						
		Commercial Value	137	139.49		
		Nitrogen, Total	11	11.52 %		Pass
		Overall Index Value		101.82 %		Pass
		Phosphate, Available as P2O	52	52.47 %		Pass
Sample No: 26N001710						
		Commercial Value	137	137.44		
		Nitrogen, Total	11	10.84 %		Pass
		Overall Index Value		100.32 %		Pass
		Phosphate, Available as P2O	52	52.46 %		Pass
Manufacturer: K & S Potash Canada						
Product: Potash						
Sample No: 26N001704						
		Potash, Soluble as K2O	60	60.73 %		Pass
Product: Potash 0-0-60						
Sample No: 25N008813						
		Potash, Soluble as K2O	60	60.20 %		Pass
Sample No: 25N008824						
		Potash, Soluble as K2O	60	60.26 %		Pass
Sample No: 26N001340						
		Potash, Soluble (STPB) as K	60	61.24 %		Pass
Manufacturer: Kinder Morgan Dakota						
Product: 11-52-00						
Sample No: 25N009641						
		Commercial Value	137	140.12		
		Nitrogen, Total	11.0	12.17 %		Pass
		Overall Index Value		102.28 %		Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product: AMS		Phosphate, Available as P2O ₅	52.0	51.80	%	Pass
Sample No: 25N008870						
		Nitrogen, Total	20	21.51	%	Pass
		Sulfur	24	24.59	%	Pass
Manufacturer: Knox Fertilizer Company, Inc.						
Product: Schultz African Violet Liquid Plant Food						
Sample No: 26N000012						
		Commercial Value	61	70.01		
		Iron	0.10	0.12	%	Pass
		Manganese, Acid Soluble	0.05	0.05	%	Pass
		Nitrogen, Total	8	10.51	%	Pass
		Overall Index Value		114.77	%	Pass
		Phosphate, Available as P2O ₅	14	14.66	%	Pass
		Potash, Soluble as K ₂ O	9	9.15	%	Pass
		Zinc, Acid Soluble	0.05	0.05	%	Pass
		Zinc, Chelated	0.05	0.05	%	Pass
Sample No: 26N000519						
		Commercial Value	61	67.20		
		Iron	0.10	0.13	%	Pass
		Manganese, Acid Soluble	0.05	0.05	%	Pass
		Nitrogen, Total	8	9.64	%	Pass
		Overall Index Value		110.00	%	Pass
		Phosphate, Available as P2O ₅	14	14.15	%	Pass
		Potash, Soluble as K ₂ O	9	10.15	%	Pass
		Zinc, Acid Soluble	0.05	0.04	%	Pass
		Zinc, Chelated	0.05	0.05	%	Pass
Product: Schultz All Purpose Liquid Plant Food						
Sample No: 26N000879						
		Commercial Value	70	73.88		
		Iron	0.1	0.12	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	10	10.60	%	Pass
		Overall Index Value		105.55	%	Pass
		Phosphate, Available as P2O ₅	15	15.59	%	Pass
		Potash, Soluble as K ₂ O	10	10.89	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u> <u>Unit</u>	<u>Disposition</u>
		Zinc, Acid Soluble	0.05	0.05 %	Pass
		Zinc, Chelated	0.05	0.06 %	Pass
Product:	Schultz All Purpose Plant Food (				
Sample No:	26N000829				
		Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	120	124.35	
		Copper	0.07	0.08 %	Pass
		Iron	0.325	0.37 %	Pass
		Manganese, Acid Soluble	0.07	0.07 %	Pass
		Manganese, Water Soluble	0.07	0.06 %	Pass
		Nitrogen, Total	20	20.07 %	Pass
		Overall Index Value		103.63 %	Pass
		Phosphate, Available as P2O	20	20.78 %	Pass
		Potash, Soluble as K2O	20	22.59 %	Pass
		Zinc, Acid Soluble	0.07	0.07 %	Pass
		Zinc, Water Soluble	0.07	0.07 %	Pass
Product:	Schultz Bloom Plus 10-54-10)				
Sample No:	26N000830				
		Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	148	147.75	
		Copper	0.07	0.08 %	Pass
		Iron	0.325	0.35 %	Pass
		Manganese, Acid Soluble	0.07	0.08 %	Pass
		Manganese, Water Soluble	0.07	0.07 %	Pass
		Nitrogen, Total	10	9.78 %	Pass
		Overall Index Value		99.83 %	Pass
		Phosphate, Available as P2O	54	53.25 %	Pass
		Potash, Soluble as K2O	10	11.91 %	Pass
		Zinc, Acid Soluble	0.07	0.07 %	Pass
		Zinc, Water Soluble	0.07	0.07 %	Pass
Product:	Schultz Cactus Liquid Plant Foo				
Sample No:	26N000013				
		Commercial Value	27	32.75	
		Iron	0.10	0.11 %	Pass
		Manganese, Acid Soluble	0.05	0.05 %	Pass
		Nitrogen, Total	2	2.59 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No:	26N000521	Overall Index Value		121.29	%	Pass
		Phosphate, Available as P2O5	7	8.32	%	Pass
		Potash, Soluble as K2O	7	8.34	%	Pass
		Zinc, Acid Soluble	0.05	0.05	%	Pass
		Zinc, Chelated	0.05	0.06	%	Pass
		Commercial Value	27	33.04		
		Iron	0.10	0.12	%	Pass
		Manganese, Acid Soluble	0.05	0.05	%	Pass
		Nitrogen, Total	2	2.68	%	Pass
		Overall Index Value		122.00	%	Pass
Sample No:	26N000011	Phosphate, Available as P2O5	7	8.35	%	Pass
		Potash, Soluble as K2O	7	8.30	%	Pass
		Zinc, Acid Soluble	0.05	0.05	%	Pass
		Zinc, Chelated	0.05	0.06	%	Pass
		Commercial Value	70	70.34		
		Iron	0.10	0.11	%	Pass
		Manganese, Acid Soluble	0.05	0.05	%	Pass
		Nitrogen, Total	10	9.57	%	Pass
		Overall Index Value		100.48	%	Pass
		Phosphate, Available as P2O5	15	15.46	%	Pass
Sample No:	26N000520	Potash, Soluble as K2O	10	10.70	%	Pass
		Zinc, Acid Soluble	0.05	0.05	%	Pass
		Zinc, Chelated	0.05	0.06	%	Pass
		Commercial Value	70	72.70		
		Iron	0.10	0.12	%	Pass
		Manganese, Acid Soluble	0.05	0.05	%	Pass
		Nitrogen, Total	10	8.44	%	Deficient
		Overall Index Value		104.00	%	Pass
		Phosphate, Available as P2O5	15	17.75	%	Pass
		Potash, Soluble as K2O	10	11.59	%	Pass
Sample No:	26N000520	Zinc, Acid Soluble	0.05	0.04	%	Deficient
		Zinc, Chelated	0.05	0.05	%	Pass
		Commercial Value	70	72.70		

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	Schultz Plant Food (10-15-10)					
Sample No:	26N000828					
		Commercial Value	70	71.75		
		Iron	0.10	0.12 %		Pass
		Manganese, Acid Soluble	0.05	0.05 %		Pass
		Nitrogen, Total	10	11.55 %		Pass
		Overall Index Value		102.49 %		Pass
		Phosphate, Available as P2O	15	13.43 %		Deficient
		Potash, Soluble as K2O	10	10.24 %		Pass
		Zinc, Acid Soluble	0.05	0.05 %		Pass
		Zinc, Chelated	0.05	0.05 %		Pass
Product:	Schultz Starter Plus (5-10-5)					
Sample No:	26N000878					
		Commercial Value	40	47.31		
		Iron	0.1	0.11 %		Pass
		Nitrogen, Total	5	5.94 %		Pass
		Overall Index Value		118.28 %		Pass
		Phosphate, Available as P2O	10	11.49 %		Pass
		Potash, Soluble as K2O	5	6.51 %		Pass
Manufacturer:	Koch Fertilizer LLC-Wichita					
Product:	46-0-0					
Sample No:	26N002888					
		Nitrogen, Total	46	46.42 %		Pass
Product:	Urea					
Sample No:	26N002244					
		Nitrogen, Total	46	45.21 %		Pass
Sample No:	26N002853					
		Nitrogen, Total	46	46.42 %		Pass
Product:	Urea (46-0-0)					
Sample No:	26N002996					
		Nitrogen, Total	46	45.34 %		Pass
Manufacturer:	Koch Fertilizer, LLC-Brandenburg					
Product:	32-0-0 Liquid Fertilizer					
Sample No:	25N006238					
		Nitrogen, Total	32	29.96 %		Deficient
Sample No:	25N007147					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	32	32.11	%	Pass
Manufacturer:	Kugler Company--Rapid Ci					
Product:	KQ550 (8-20-5-5s)					
Sample No:	26N000518					
		Commercial Value	69	71.92		
		Nitrogen, Total	8	9.14	%	Pass
		Overall Index Value		104.23	%	Pass
		Phosphate, Available as P2C	20	19.76	%	Pass
		Potash, Soluble as K2O	5	4.98	%	Pass
		Sulfur	5	5.77	%	Pass
Product:	KQXRN 28-0-0					
Sample No:	26N000517					
		Nitrogen, Total	28	28.82	%	Pass
Sample No:	26N002618					
		Nitrogen, Total	28	27.50	%	Pass
Product:	Low Salt Starter (LS) 6-24-6					
Sample No:	26N002619					
		Commercial Value	72	72.20		
		Nitrogen, Total	6	5.73	%	Pass
		Overall Index Value		100.28	%	Pass
		Phosphate, Available as P2C	24	24.36	%	Pass
		Potash, Soluble as K2O	6	6.21	%	Pass
Manufacturer:	MacroSource LLC--Hasting					
Product:	11-52-0					
Sample No:	25N008372					
		Commercial Value	137	136.71		
		Nitrogen, Total	11	10.97	%	Pass
		Overall Index Value		99.79	%	Pass
		Phosphate, Available as P2C	52	51.90	%	Pass
Manufacturer:	MacroSource LLC--Jamest					
Product:	AMS					
Sample No:	25N008541					
		Nitrogen, Total	20	20.55	%	Pass
		Sulfur	24	24.28	%	Pass
Product:	MAP					
Sample No:	25N008540					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Commercial Value	137	138.30		
		Nitrogen, Total	11	11.30 %		Pass
		Overall Index Value		100.95 %		Pass
		Phosphate, Available as P2O	52	52.20 %		Pass
Manufacturer:	MacroSource LLC--Savage					
Product:	46-0-0					
Sample No:	26N003626					
		Nitrogen, Total	46	47.63 %		Pass
Product:	AMS					
Sample No:	25N008868					
		Nitrogen, Total	20	20.34 %		Pass
		Sulfur	23.5	24.35 %		Pass
Sample No:	26N002963					
		Nitrogen, Total	20.5	22.66 %		Pass
		Sulfur	24	23.45 %		Pass
Product:	DAP					
Sample No:	25N008871					
		Commercial Value	146	146.65		
		Nitrogen, Total	18	18.10 %		Pass
		Overall Index Value		100.44 %		Pass
		Phosphate, Available as P2O	46	46.17 %		Pass
Product:	MAP					
Sample No:	25N008732					
		Commercial Value	137	141.87		
		Nitrogen, Total	11	11.69 %		Pass
		Overall Index Value		103.56 %		Pass
		Phosphate, Available as P2O	52	53.40 %		Pass
Sample No:	25N008866					
		Commercial Value	137	138.17		
		Nitrogen, Total	11	11.83 %		Pass
		Overall Index Value		100.85 %		Pass
		Phosphate, Available as P2O	52	51.34 %		Pass
Sample No:	25N010491					
		Commercial Value	137	137.92		
		Nitrogen, Total	11	11.41 %		Pass
		Overall Index Value		100.67 %		Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Phosphate, Available as P2O	52	51.84	%	Pass
Manufacturer:	MacroSource LLC--Sioux C					
Product:	AMS					
Sample No:	25N010486					
		Nitrogen, Total	21	21.32	%	Pass
		Sulfur	24	24.59	%	Pass
Sample No:	26N002978					
		Nitrogen, Total	21	20.79	%	Pass
		Sulfur	24	25.04	%	Pass
Product:	Potash 0-0-60					
Sample No:	25N008818					
		Potash, Soluble as K2O	60	61.50	%	Pass
Manufacturer:	Miracle Grow Lawn Produc					
Product:	Miracle Gor Shanke N Feed					
Sample No:	25N007957					
		Calcium	5.6	3.62	%	Deficient
		Commercial Value	55	60.53		
		Copper	0.05	0.10	%	Pass
		Iron	0.92	7.07	%	Pass
		Magnesium, Acid Soluble	2.9	1.95	%	Deficient
		Magnesium, Water Soluble	0.69	1.31	%	Pass
		Manganese, Acid Soluble	0.34	0.60	%	Pass
		Manganese, Water Soluble	0.23	0.37	%	Pass
		Nitrogen, Total	10	11.05	%	Pass
		Overall Index Value		110.06	%	Pass
		Phosphate, Available as P2O	5	5.99	%	Pass
		Potash, Soluble as K2O	15	15.41	%	Pass
		Sulfur	6.0	10.25	%	Pass
		Zinc, Acid Soluble	0.11	0.15	%	Pass
Product:	Miracle Gro All Purpose 24-8-16					
Sample No:	26N004750					
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	104	112.67		
		Copper	0.07	0.09	%	Pass
		Iron	0.15	0.19	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	24	26.23	%	Pass
		Overall Index Value		108.34	%	Pass
		Phosphate, Available as P2O	8	8.46	%	Pass
		Potash, Soluble as K2O	16	17.07	%	Pass
		Zinc, Acid Soluble	0.06	0.07	%	Pass
		Zinc, Water Soluble	0.06	0.07	%	Pass
Product: Miracle Gro Organic Plant Food						
Sample No:		26N004749				
		Commercial Value	5	7.99		
		Nitrogen, Total	1	1.42	%	Pass
		Overall Index Value		159.75	%	Pass
		Phosphate, Available as P2O	0.5	0.72	%	Pass
		Potash, Soluble as K2O	1	2.29	%	Pass
Product: Miracle Gro Organic Planting Ta						
Sample No:		26N003861				
		Calcium	7.0	7.90	%	Pass
		Commercial Value	27	34.88		
		Nitrogen, Total	3.0	4.34	%	Pass
		Overall Index Value		129.20	%	Pass
		Phosphate, Available as P2O	7.0	8.63	%	Pass
		Potash, Soluble as K2O	4.0	4.60	%	Pass
Product: Miracle Gro Raised Bed Plant F						
Sample No:		26N000433				
		Calcium	3.6	6.22	%	Pass
		Commercial Value	24	30.21		
		Iron	0.50	1.29	%	Pass
		Magnesium, Acid Soluble	3	3.24	%	Pass
		Magnesium, Water Soluble	0.40	0.58	%	Pass
		Manganese, Acid Soluble	0.20	0.26	%	Pass
		Manganese, Water Soluble	0.13	0.09	%	Deficient
		Nitrogen, Total	5	5.69	%	Pass
		Overall Index Value		126.00	%	Pass
		Phosphate, Available as P2O	1	2.09	%	Pass
		Potash, Soluble as K2O	7	8.96	%	Pass
		Sulfur	2.75	5.05	%	Pass
		Zinc, Acid Soluble	0.06	0.11	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	Miracle Grow Bloom Booster Fli					
Sample No:	26N004746					
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	120	126.87		
		Copper	0.07	0.08	%	Pass
		Iron	0.15	0.19	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	15	15.84	%	Pass
		Overall Index Value		105.72	%	Pass
		Phosphate, Available as P2O	30	31.11	%	Pass
		Potash, Soluble as K2O	15	17.13	%	Pass
		Zinc, Acid Soluble	0.06	0.06	%	Pass
		Zinc, Water Soluble	0.06	0.09	%	Pass
Product:	Miracle Grow LiquaFeed 12-9-6					
Sample No:	26N004795					
		Commercial Value	60	62.65		
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	12	12.16	%	Pass
		Overall Index Value		104.41	%	Pass
		Phosphate, Available as P2O	9	9.62	%	Pass
		Potash, Soluble as K2O	6	6.93	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Chelated	0.05	0.07	%	Pass
Product:	Miracle Grow Plant Food 18-18-					
Sample No:	26N004794					
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	111	118.28		
		Copper	0.05	0.07	%	Pass
		Iron	0.10	0.14	%	Pass
		Magnesium, Acid Soluble	0.50	0.53	%	Pass
		Magnesium, Water Soluble	0.50	0.55	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	18	17.61	%	Pass
		Overall Index Value		106.56	%	Pass
		Phosphate, Available as P2O	18	20.79	%	Pass
		Potash, Soluble as K2O	21	23.88	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Water Soluble	0.05	0.06	%	Pass
Product:	Miracle Grow Plant Food Vegeta					
Sample No:	26N004747					
		Commercial Value	111	121.52		
		Copper	0.05	0.06	%	Pass
		Iron	0.10	0.13	%	Pass
		Magnesium, Acid Soluble	0.50	0.53	%	Pass
		Magnesium, Water Soluble	0.50	0.51	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	18	21.13	%	Pass
		Overall Index Value		109.48	%	Pass
		Phosphate, Available as P2O	18	18.28	%	Pass
		Potash, Soluble as K2O	21	21.57	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Water Soluble	0.05	0.06	%	Pass
Product:	Miracle Grow Tomato Plant Food					
Sample No:	25N007152					
		Commercial Value	111	116.19		
		Copper	0.05	0.07	%	Pass
		Iron	0.10	0.15	%	Pass
		Magnesium, Acid Soluble	0.50	0.60	%	Pass
		Magnesium, Water Soluble	0.50	0.52	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	18	19.06	%	Pass
		Overall Index Value		104.67	%	Pass
		Phosphate, Available as P2O	18	18.49	%	Pass
		Potash, Soluble as K2O	21	22.02	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Water Soluble	0.05	0.05	%	Pass
Product:	Miracle-Gro Shake and Feed All F					
Sample No:	26N000435					
		Calcium	7.6	8.02	%	Pass
		Commercial Value	52	60.69		
		Copper	0.06	0.08	%	Pass
		Iron	0.95	1.57	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Magnesium, Acid Soluble	2.5	2.91	%	Pass
		Magnesium, Water Soluble	0.7	0.88	%	Pass
		Manganese, Acid Soluble	0.35	0.57	%	Pass
		Manganese, Water Soluble	0.23	0.22	%	Pass
		Nitrogen, Total	12	14.06	%	Pass
		Overall Index Value		116.72	%	Pass
		Phosphate, Available as P2O	4	4.91	%	Pass
		Potash, Soluble as K2O	8	8.69	%	Pass
		Sulfur	3.2	5.39	%	Pass
		Zinc, Acid Soluble	0.12	0.16	%	Pass
Product: Miricale Grow Shake and Feed						
Sample No:		25N007151				
		Calcium	7.6	8.80	%	Pass
		Commercial Value	52	58.24		
		Copper	0.06	0.09	%	Pass
		Iron	0.95	1.54	%	Pass
		Magnesium, Acid Soluble	2.5	2.92	%	Pass
		Magnesium, Water Soluble	0.7	0.98	%	Pass
		Manganese, Acid Soluble	0.35	0.55	%	Pass
		Manganese, Water Soluble	0.23	0.20	%	Pass
		Nitrogen, Total	12	12.79	%	Pass
		Overall Index Value		112.00	%	Pass
		Phosphate, Available as P2O	4	5.05	%	Pass
		Potash, Soluble as K2O	8	9.77	%	Pass
		Sulfur	3.2	4.94	%	Pass
		Zinc, Acid Soluble	0.12	0.14	%	Pass
Product: Organic All Purpose Plant Food						
Sample No:		26N003862				
		Commercial Value	21	26.04		
		Nitrogen, Total	5	6.37	%	Pass
		Overall Index Value		123.98	%	Pass
		Phosphate, Available as P2O	2	2.04	%	Pass
		Potash, Soluble as K2O	2	2.85	%	Pass
Product: Osmocote Flower and Vegetable						
Sample No:		26N004748				
		Commercial Value	84	89.67		

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	14	14.85	%	Pass
		Overall Index Value		106.75	%	Pass
		Phosphate, Available as P2O5	14	15.05	%	Pass
		Potash, Soluble as K2O	14	15.03	%	Pass
Manufacturer:	Montana Sulphur & Chemicals					
Product:	Sulfur (0-0-0-90S)					
Sample No:	26N001851					
		Sulfur	90	89.69	%	Pass
Manufacturer:	Mosaic Global Sales, LCC					
Product:	12-40-0-10s-1z (MESZ) fertilizer					
Sample No:	26N000661					
		Commercial Value	116	116.27		
		Nitrogen, Total	12	11.95	%	Pass
		Overall Index Value		100.23	%	Pass
		Phosphate, Available as P2O5	40	40.21	%	Pass
		Sulfur	10	10.00	%	Pass
		Zinc, Acid Soluble	1	0.93	%	Pass
Manufacturer:	Mosaic--Atlanta					
Product:	Potash					
Sample No:	26N002243					
		Potash, Soluble as K2O	60	58.58	%	Pass
Manufacturer:	Mosaic--Broomfield					
Product:	Potash					
Sample No:	26N001158					
		Potash, Soluble (STPB) as K2O	62	62.03	%	Pass
Sample No:	26N001691					
		Potash, Soluble (STPB) as K2O	60	60.21	%	Pass
Sample No:	26N001696					
		Potash, Soluble (STPB) as K2O	60	58.60	%	Pass
Product:	Potash 0-0-60					
Sample No:	25N009227					
		Potash, Soluble as K2O	60	61.71	%	Pass
Manufacturer:	Mosaic--Brownsboro					
Product:	DAP 18-46-0					
Sample No:	25N007160					
		Commercial Value	146	144.88		

		Analyte	Claim	Found	Unit	Disposition	
Sample No:	26N001714	Nitrogen, Total	18	17.50	%	Pass	
		Overall Index Value		99.23	%	Pass	
		Phosphate, Available as P2O5	46	46.19	%	Pass	
		Commercial Value	146	145.19			
		Nitrogen, Total	18	17.54	%	Pass	
		Overall Index Value		99.44	%	Pass	
		Phosphate, Available as P2O5	46	46.28	%	Pass	
		Product: Potash 0-0-60					
		Sample No: 26N001715					
		Potash, Soluble as K2O 60 58.98 % Pass					
Manufacturer: Mosaic--Esterhazy							
Product: 0-0-60 Potash fertilizer							
Sample No: 26N000654							
Potash, Soluble (STPB) as K2O 60 55.28 % Deficient							
Product: Potash							
Sample No: 25N008538							
Sample No: 25N008811 Potash, Soluble as K2O 60 60.34 % Pass							
Sample No: 25N009535 Potash, Soluble as K2O 60 60.93 % Pass							
Sample No: 26N000365 Potash, Soluble as K2O 60 59.08 % Pass							
Sample No: 26N000644 Potash, Soluble as K2O 60 59.04 % Pass							
Sample No: 26N001170 Potash, Soluble as K2O 60 60.68 % Pass							
Sample No: 26N001708 Potash, Soluble (STPB) as K2O 60 60.18 % Pass							
Sample No: 26N002085 Potash, Soluble as K2O 60 58.76 % Pass							
Sample No: 26N002974 Potash, Soluble as K2O 60 60.19 % Pass							
Potash, Soluble (STPB) as K2O 60 59.05 % Pass							
Product: Potash (0-0-60)							
Sample No: 26N001848							

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Potash, Soluble as K2O	60	59.76	%	Pass
Manufacturer:	Mosaic--Lithia					
Product:	0-0-60					
Sample No:	26N001686					
		Potash, Soluble (STPB) as k	60	60.41	%	Pass
Product:	Mesz fertilizer (12-40-0-10s-1zn					
Sample No:	26N002997					
		Commercial Value	116	116.03		
		Nitrogen, Total	12	12.22	%	Pass
		Overall Index Value		100.03	%	Pass
		Phosphate, Available as P2C	40	39.69	%	Pass
		Sulfur	10	10.45	%	Pass
		Zinc, Acid Soluble	1	0.94	%	Pass
Product:	Potash (0-0-60)					
Sample No:	26N004741					
		Potash, Soluble as K2O	60	62.25	%	Pass
Manufacturer:	Mosaic--Mulberry					
Product:	11-52-0 Monoammonium Phosp					
Sample No:	26N000662					
		Commercial Value	137	134.62		
		Nitrogen, Total	11	11.37	%	Pass
		Overall Index Value		98.26	%	Pass
		Phosphate, Available as P2C	52	50.25	%	Deficient
Product:	MAP					
Sample No:	26N002889					
		Commercial Value	137	136.01		
		Nitrogen, Total	11	11.78	%	Pass
		Overall Index Value		99.28	%	Pass
		Phosphate, Available as P2C	52	50.34	%	Deficient
Product:	MESZ					
Sample No:	26N002890					
		Commercial Value	116	122.27		
		Nitrogen, Total	12	13.58	%	Pass
		Overall Index Value		105.40	%	Pass
		Phosphate, Available as P2C	40	40.77	%	Pass
		Sulfur	10	10.29	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Manufacturer: Mosaic--Rosemount		Zinc, Acid Soluble	1	1.01	%	Pass
Product: 11-52-0						
Sample No:	26N001698					
		Commercial Value	137	134.92		
		Nitrogen, Total	11	11.04 %		Pass
		Overall Index Value		98.48 %		Pass
		Phosphate, Available as P2O	52	50.90 %		Pass
Product: DAP						
Sample No:	26N001697					
		Commercial Value	146	144.01		
		Nitrogen, Total	18	17.52 %		Pass
		Overall Index Value		98.64 %		Pass
		Phosphate, Available as P2O	46	45.73 %		Pass
Product: MAP						
Sample No:	26N001690					
		Commercial Value	137	136.26		
		Nitrogen, Total	11	11.11 %		Pass
		Overall Index Value		99.46 %		Pass
		Phosphate, Available as P2O	52	51.46 %		Pass
Product: MAP 11-52-0						
Sample No:	26N002977					
		Commercial Value	137	140.56		
		Nitrogen, Total	11	11.41 %		Pass
		Overall Index Value		102.60 %		Pass
		Phosphate, Available as P2O	52	53.17 %		Pass
Product: MESZ						
Sample No:	25N008791					
		Commercial Value	116	115.99		
		Nitrogen, Total	12	11.93 %		Pass
		Overall Index Value		99.99 %		Pass
		Phosphate, Available as P2O	40	40.10 %		Pass
		Sulfur	10	10.19 %		Pass
		Zinc, Acid Soluble	1	0.90 %		Pass
Sample No:	25N009531					
		Commercial Value	116	117.40		

		Analyte	Claim	Found	Unit	Disposition	
Sample No:	26N001694	Nitrogen, Total	12	12.20	%	Pass	
		Overall Index Value		101.21	%	Pass	
		Phosphate, Available as P2O5	40	40.40	%	Pass	
		Sulfur	10	9.36	%	Pass	
		Zinc, Acid Soluble	1	0.95	%	Pass	
	Sample No:	26N001699	Commercial Value	116	115.03		
			Nitrogen, Total	12	11.63	%	Pass
			Overall Index Value		99.16	%	Pass
			Phosphate, Available as P2O5	40	40.07	%	Pass
			Sulfur	10	10.49	%	Pass
Zinc, Acid Soluble		1	0.99	%	Pass		
Sample No:		26N002755	Commercial Value	116	112.41		
			Nitrogen, Total	12	12.06	%	Pass
			Overall Index Value		96.91	%	Deficient
			Phosphate, Available as P2O5	40	38.11	%	Deficient
	Sulfur		10	9.64	%	Pass	
	Zinc, Acid Soluble		1	0.98	%	Pass	
	Manufacturer: Nachurs-Garretson						
Product: Liquid Fertilizer (6-24-6)							
Sample No:							
Sample No:	26N002755	Commercial Value	72	73.25			
		Nitrogen, Total	6	6.01	%	Pass	
		Overall Index Value		101.74	%	Pass	
		Phosphate, Available as P2O5	24	24.57	%	Pass	
		Potash, Soluble as K2O	6	6.08	%	Pass	
		Manufacturer: NeuAg LLC					
		Product: AMS					
Sample No:							
Sample No:	26N001702	Nitrogen, Total	21	20.92	%	Pass	
		Sulfur	24	24.54	%	Pass	
		Product: AMS 21-0-0-24S					
Sample No:							
Sample No:	26N002225	Nitrogen, Total	21	22.27	%	Pass	
		Sulfur	24	24.01	%	Pass	

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Manufacturer:	NeuAG LLC-Galveston					
Product:	AMS 21-0-0-24S					
Sample No:	26N001341					
		Nitrogen, Total	21	20.64	%	Pass
		Sulfur	24	25.09	%	Pass
Manufacturer:	Nutrien Ag-Loveland					
Product:	44-0-0 ESN					
Sample No:	26N000646					
		Nitrogen, Total	44	44.93	%	Pass
Product:	AMS					
Sample No:	25N009642					
		Nitrogen, Total	20.0	21.40	%	Pass
		Sulfur	24.0	24.82	%	Pass
Sample No:	26N001173					
		Nitrogen, Total	20	20.99	%	Pass
		Sulfur	24	24.53	%	Pass
Sample No:	26N002855					
		Nitrogen, Total	21	21.96	%	Pass
		Sulfur	24	24.80	%	Pass
Product:	AMS 20-0-0-24S					
Sample No:	26N001725					
		Nitrogen, Total	20	20.62	%	Pass
		Sulfur	24	24.73	%	Pass
Product:	ESN					
Sample No:	26N001168					
		Nitrogen, Total	44	45.48	%	Pass
Product:	Potash					
Sample No:	25N007611					
		Potash, Soluble as K2O	60	61.57	%	Pass
Sample No:	26N002875					
		Potash, Soluble as K2O	60	59.72	%	Pass
Manufacturer:	Nutrien Ag-Parkston					
Product:	AMS					
Sample No:	25N008740					
		Nitrogen, Total	21	20.54	%	Pass
		Sulfur	24	24.11	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	MAP					
Sample No:	25N008789					
		Commercial Value	137	135.01		
		Nitrogen, Total	11	10.47 %		Pass
		Overall Index Value		98.55 %		Pass
		Phosphate, Available as P2O	52	51.80 %		Pass
Product:	Potash					
Sample No:	25N008790					
		Potash, Soluble as K2O	62	62.03 %		Pass
Sample No:	26N002856					
		Potash, Soluble as K2O	60	60.22 %		Pass
Manufacturer:	Nutrien-Calgary					
Product:	Ammonium Sulfate 20-0-0-24Su					
Sample No:	25N005988					
		Nitrogen, Total	20	20.53 %		Pass
		Sulfur	24	24.55 %		Pass
Manufacturer:	Nutrien-Chicago, IL					
Product:	AMS					
Sample No:	26N003623					
		Nitrogen, Total	21	20.94 %		Pass
		Sulfur	24	25.24 %		Pass
Manufacturer:	PCI Nitrogen					
Product:	AMS					
Sample No:	25N009536					
		Nitrogen, Total	21	21.83 %		Pass
		Sulfur	24	25.02 %		Pass
Manufacturer:	PCS Sales Inc--Deerfield					
Product:	MAP					
Sample No:	26N001169					
		Commercial Value	137	138.26		
		Nitrogen, Total	11	11.31 %		Pass
		Overall Index Value		100.92 %		Pass
		Phosphate, Available as P2O	52	52.17 %		Pass
Product:	Monoammonium Phosphate (11					
Sample No:	25N005989					
		Commercial Value	137	139.81		

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	11	11.85	%	Pass
		Overall Index Value		102.05	%	Pass
		Phosphate, Available as P2O	52	52.13	%	Pass
Product:	Potash (0-0-60)					
Sample No:	26N002746					
		Potash, Soluble as K2O	60	59.58	%	Pass
Manufacturer:	PCS Sales Inc--SK					
Product:	Potash					
Sample No:	26N004220					
		Potash, Soluble as K2O	60	59.51	%	Pass
Manufacturer:	Plant Revolution					
Product:	Plant Success Organics Granule					
Sample No:	26N003292					
		Commercial Value	13	21.30		
		Nitrogen, Total	3	4.76	%	Pass
		Overall Index Value		163.85	%	Pass
		Phosphate, Available as P2O	1	1.84	%	Pass
		Potash, Soluble as K2O	2	3.35	%	Pass
Manufacturer:	Plantation Products LLC					
Product:	Superthrive Plant Food for All Pl					
Sample No:	26N003863					
		Commercial Value	15	18.78		
		Nitrogen, Total	4.0	4.78	%	Pass
		Overall Index Value		125.17	%	Pass
		Phosphate, Available as P2O	1.0	1.35	%	Pass
		Potash, Soluble as K2O	1.0	1.74	%	Pass
Sample No:	26N003864					
		Calcium	6.0	9.84	%	Pass
		Commercial Value	24	26.95		
		Iron	0.1	0.19	%	Pass
		Nitrogen, Total	4.0	4.58	%	Pass
		Overall Index Value		112.31	%	Pass
		Phosphate, Available as P2O	4.0	4.23	%	Pass
		Potash, Soluble as K2O	4.0	4.75	%	Pass
Manufacturer:	Potash Corp of Saskatchewan					
Product:	0-0-60 Potash Dry Fertilizer					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No:	25N005987					
		Potash, Soluble as K2O	60	61.65	%	Pass
Manufacturer:	Potash Corp of Saskatchewan					
Product:	Potash					
Sample No:	25N008380					
		Potash, Soluble as K2O	60	62.67	%	Pass
Sample No:	25N008735					
		Potash, Soluble as K2O	60	60.00	%	Pass
Sample No:	26N001346					
		Potash, Soluble (STPB) as K	60	59.63	%	Pass
Manufacturer:	Potash Corp-SCity					
Product:	Potash					
Sample No:	26N000734					
		Potash, Soluble as K2O	60	60.02	%	Pass
Sample No:	26N004405					
		Potash, Soluble as K2O	60	59.17	%	Pass
Product:	Potash 0-0-60					
Sample No:	26N002985					
		Potash, Soluble (STPB) as K	60	59.15	%	Pass
Sample No:	26N004329					
		Potash, Soluble as K2O	60	62.59	%	Pass
Manufacturer:	Rosens, Inc.					
Product:	Liquid fertilizer 8-0-0-10s [sulfur]					
Sample No:	26N001312					
		Nitrogen, Total	8	12.03	%	Pass
		Sulfur	10	7.00	%	Deficient
Manufacturer:	Scott G Williams LLC					
Product:	DR7124 Microsynch					
Sample No:	25N008739					
		Boron, Acid Soluble	1.25	6.19	%	Pass
		Calcium	5	9.93	%	Pass
		Manganese, Acid Soluble	4	2.23	%	Deficient
		Sulfur	7.5	1.35	%	Deficient
		Zinc, Acid Soluble	5	9.93	%	Pass
Manufacturer:	Scotts Miracle-Gro Product					
Product:	All Purpose Plant Food					

Sample No:	25N007008	Analyte	Claim	Found	Unit	Disposition
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	104	109.69		
		Copper	0.07	0.09	%	Pass
		Iron	0.15	0.21	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	24	25.73	%	Pass
		Overall Index Value		105.47	%	Pass
		Phosphate, Available as P2O	8	8.10	%	Pass
		Potash, Soluble as K2O	16	16.32	%	Pass
		Zinc, Acid Soluble	0.06	0.06	%	Pass
		Zinc, Water Soluble	0.06	0.06	%	Pass
Product:	All Purpose Plant Food/ Liquid F					
Sample No:	25N007005					
		Commercial Value	52	53.59		
		Iron	0.10	0.12	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	12	12.36	%	Pass
		Overall Index Value		103.07	%	Pass
		Phosphate, Available as P2O	4	4.06	%	Pass
		Potash, Soluble as K2O	8	8.41	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Chelated	0.05	0.06	%	Pass
Product:	Evergreen Plant Food Spikes					
Sample No:	26N004873					
		Commercial Value	60	67.13		
		Iron	0.1	0.21	%	Pass
		Manganese, Acid Soluble	0.05	0.07	%	Pass
		Manganese, Water Soluble	0.05	0.05	%	Pass
		Nitrogen, Total	12.0	12.19	%	Pass
		Overall Index Value		111.89	%	Pass
		Phosphate, Available as P2O	6.0	7.21	%	Pass
		Potash, Soluble as K2O	12.0	16.14	%	Pass
		Sulfur	14.0	14.96	%	Pass
Product:	Miracle Gro All Purpose Plant Fc					
Sample No:	26N002751					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value (STPB)	104	110.08		
		Copper	0.07	0.09	%	Pass
		Iron	0.15	0.21	%	Pass
		Manganese, Acid Soluble	0.05	0.07	%	Pass
		Nitrogen, Total	24	25.03	%	Pass
		Overall Index Value (STPB)		105.85	%	Pass
		Phosphate, Available as P2O5	8	9.02	%	Pass
		Potash, Soluble (STPB) as K2O	16	16.95	%	Pass
		Zinc, Acid Soluble	0.06	0.06	%	Pass
		Zinc, Water Soluble	0.06	0.06	%	Pass
Product: Miracle Gro All Purpose Plant Food						
Sample No:		26N000831				
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	104	106.27		
		Copper	0.07	0.09	%	Pass
		Iron	0.15	0.20	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	24	24.63	%	Pass
		Overall Index Value		102.19	%	Pass
		Phosphate, Available as P2O5	8	8.07	%	Pass
		Potash, Soluble as K2O	16	16.25	%	Pass
		Zinc, Acid Soluble	0.06	0.07	%	Pass
		Zinc, Water Soluble	0.06	0.06	%	Pass
Product: Miracle Gro Flower Food						
Sample No:		26N004743				
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	144	150.53		
		Copper	0.07	0.09	%	Pass
		Iron	0.15	0.19	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	10	10.57	%	Pass
		Overall Index Value		104.54	%	Pass
		Phosphate, Available as P2O5	52	53.80	%	Pass
		Potash, Soluble as K2O	10	11.22	%	Pass
Product: Miracle --Gro LiquaFeed Tomato						

Sample No:		Analyte	Claim	Found	Unit	Disposition
	26N003285					
		Commercial Value (STPB)	44	45.58		
		Manganese, Acid Soluble	0.05	0.06 %		Pass
		Nitrogen, Total	9.0	9.29 %		Pass
		Overall Index Value (STPB)		100.67 %		Pass
		Phosphate, Available as P2O5	4.0	4.32 %		Pass
		Potash, Soluble (STPB) as K2O	9.0	9.06 %		Pass
		Zinc, Acid Soluble	0.05	0.06 %		Pass
Product:	Miracle Gro Tomato Plant Food					
Sample No:	25N009333					
		Commercial Value (STPB)	111	122.60		
		Copper	0.05	0.06 %		Pass
		Iron	0.10	0.11 %		Pass
		Magnesium, Acid Soluble	0.50	0.43 %		Pass
		Magnesium, Water Soluble	0.50	0.45 %		Pass
		Manganese, Acid Soluble	0.05	0.05 %		Pass
		Nitrogen, Total	18	23.43 %		Pass
		Overall Index Value (STPB)		110.45 %		Pass
		Phosphate, Available as P2O5	18	16.14 %		Deficient
		Potash, Soluble (STPB) as K2O	21	20.04 %		Pass
		Zinc, Acid Soluble	0.05	0.04 %		Pass
Product:	Miracle Grow All Purpose Plant					
Sample No:	26N004449					
		Boron, Acid Soluble	0.02	0.02 %		Pass
		Commercial Value	104	109.70		
		Copper	0.07	0.07 %		Pass
		Iron	0.15	0.24 %		Pass
		Manganese, Acid Soluble	0.05	0.06 %		Pass
		Nitrogen, Total	24	25.36 %		Pass
		Overall Index Value		105.48 %		Pass
		Phosphate, Available as P2O5	8	8.63 %		Pass
		Potash, Soluble as K2O	16	16.37 %		Pass
		Zinc, Acid Soluble	0.06	0.07 %		Pass
		Zinc, Water Soluble	0.06	0.06 %		Pass
Product:	Miracle Grow All Purpose Liquid					
Sample No:	26N004870					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Commercial Value	52	53.89		
		Iron	0.10	0.12 %		Pass
		Manganese, Acid Soluble	0.05	0.06 %		Pass
		Nitrogen, Total	12	12.13 %		Pass
		Overall Index Value		103.64 %		Pass
		Phosphate, Available as P2O	4	4.21 %		Pass
		Potash, Soluble as K2O	8	9.08 %		Pass
		Zinc, Acid Soluble	0.05	0.06 %		Pass
Product:		Miracle Grow All Purpose Plant Food				
Sample No:		26N003852				
		Boron, Acid Soluble	0.02	0.02 %		Pass
		Commercial Value	104	107.73		
		Copper	0.07	0.08 %		Pass
		Iron	0.15	0.19 %		Pass
		Manganese, Acid Soluble	0.05	0.06 %		Pass
		Nitrogen, Total	24	24.85 %		Pass
		Overall Index Value		103.58 %		Pass
		Phosphate, Available as P2O	8	8.71 %		Pass
		Potash, Soluble as K2O	16	15.75 %		Pass
		Zinc, Acid Soluble	0.06	0.06 %		Pass
		Zinc, Water Soluble	0.06	0.06 %		Pass
Sample No:		26N004871				
		Boron, Acid Soluble	0.02	0.02 %		Pass
		Commercial Value	104	112.21		
		Copper	0.07	0.08 %		Pass
		Iron	0.15	0.18 %		Pass
		Manganese, Acid Soluble	0.05	0.06 %		Pass
		Nitrogen, Total	24	25.71 %		Pass
		Overall Index Value		107.90 %		Pass
		Phosphate, Available as P2O	8	8.70 %		Pass
		Potash, Soluble as K2O	16	17.68 %		Pass
		Zinc, Acid Soluble	0.06	0.06 %		Pass
		Zinc, Water Soluble	0.06	0.06 %		Pass
Product:		Miracle Grow Flower Food				
Sample No:		26N003837				
		Boron, Acid Soluble	0.02	0.02 %		Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Commercial Value	144	153.38		
		Copper	0.07	0.08 %		Pass
		Iron	0.15	0.19 %		Pass
		Manganese, Acid Soluble	0.05	0.06 %		Pass
		Nitrogen, Total	10	10.45 %		Pass
		Overall Index Value		106.51 %		Pass
		Phosphate, Available as P2O	52	55.87 %		Pass
		Potash, Soluble as K2O	10	10.29 %		Pass
Product: Miracle Grow Fruit and Citrus PI						
Sample No:		26N004451				
		Commercial Value	75	85.07		
		Iron	0.1	0.41 %		Pass
		Manganese, Acid Soluble	0.05	0.07 %		Pass
		Manganese, Water Soluble	0.05	0.04 %		Pass
		Nitrogen, Total	10.0	12.96 %		Pass
		Overall Index Value		113.43 %		Pass
		Phosphate, Available as P2O	15.0	15.84 %		Pass
		Potash, Soluble as K2O	15.0	14.52 %		Pass
		Sulfur	8.0	11.99 %		Pass
Product: Miracle Grow Pour & Feed						
Sample No:		26N003838				
		Commercial Value	0.12	1.03		
		Nitrogen, Total	0.02	0.20 %		Pass
		Overall Index Value		857.50 %		Pass
		Phosphate, Available as P2O	0.02	0.21 %		Pass
		Potash, Soluble as K2O	0.02	0.02 %		Pass
Product: Miracle Grow Tree & Shrub Plan						
Sample No:		26N004872				
		Commercial Value	65	79.50		
		Iron	0.1	0.24 %		Pass
		Manganese, Acid Soluble	0.05	0.07 %		Pass
		Manganese, Water Soluble	0.05	0.05 %		Pass
		Nitrogen, Total	15.0	19.25 %		Pass
		Overall Index Value		122.31 %		Pass
		Phosphate, Available as P2O	5.0	4.98 %		Pass
		Potash, Soluble as K2O	10.0	11.79 %		Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Sulfur	16.0	16.92	%	Pass
Product:	Miracle-Gro All Purpose Fertilize					
Sample No:	25N006804					
		Commercial Value	52	48.33		
		Iron	0.10	0.11	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	12	10.61	%	Deficient
		Overall Index Value		92.94	%	Deficient
		Phosphate, Available as P2O	4	3.83	%	Pass
		Potash, Soluble as K2O	8	8.86	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Chelated	0.05	0.06	%	Pass
Product:	Miracle-Gro All Purpose Plant F					
Sample No:	25N009334					
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	104	106.55		
		Copper	0.07	0.09	%	Pass
		Iron	0.15	0.23	%	Pass
		Manganese, Acid Soluble	0.05	0.07	%	Pass
		Nitrogen, Total	24	23.64	%	Pass
		Overall Index Value		102.45	%	Pass
		Phosphate, Available as P2O	8	8.93	%	Pass
		Potash, Soluble as K2O	16	17.76	%	Pass
		Zinc, Acid Soluble	0.06	0.07	%	Pass
		Zinc, Water Soluble	0.06	0.06	%	Pass
Sample No:	26N003321					
		Commercial Value	52	53.58		
		Iron	0.10	0.12	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	12	11.98	%	Pass
		Overall Index Value		103.04	%	Pass
		Phosphate, Available as P2O	4	4.33	%	Pass
		Potash, Soluble as K2O	8	8.97	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Chelated	0.05	0.06	%	Pass
Product:	Miracle-Gro All Purpose Plant F					

Sample No:		Analyte	Claim	Found Unit	Disposition
Sample No:	25N007308	Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	104	108.48	
		Copper	0.07	0.08 %	Pass
		Iron	0.15	0.21 %	Pass
		Manganese, Acid Soluble	0.05	0.06 %	Pass
		Nitrogen, Total	24	24.86 %	Pass
		Overall Index Value		104.31 %	Pass
		Phosphate, Available as P2O	8	8.72 %	Pass
		Potash, Soluble as K2O	16	16.47 %	Pass
		Zinc, Acid Soluble	0.06	0.07 %	Pass
		Zinc, Water Soluble	0.06	0.06 %	Pass
Sample No:	26N000522	Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	104	108.53	
		Copper	0.07	0.09 %	Pass
		Iron	0.15	0.22 %	Pass
		Manganese, Acid Soluble	0.05	0.06 %	Pass
		Nitrogen, Total	24	24.63 %	Pass
		Overall Index Value		104.35 %	Pass
		Phosphate, Available as P2O	8	8.85 %	Pass
		Potash, Soluble as K2O	16	16.93 %	Pass
		Zinc, Acid Soluble	0.06	0.07 %	Pass
		Zinc, Water Soluble	0.06	0.07 %	Pass
Product:	Miracle-Gro Bloom Booster Flow				
Sample No:	25N009335				
		Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	144	147.11	
		Copper	0.07	0.10 %	Pass
		Iron	0.15	0.24 %	Pass
		Manganese, Acid Soluble	0.05	0.07 %	Pass
		Nitrogen, Total	10.0	10.13 %	Pass
		Overall Index Value		102.16 %	Pass
		Phosphate, Available as P2O	52	52.40 %	Pass
		Potash, Soluble as K2O	10	11.92 %	Pass
Product:	Miracle-Gro Bloom Booster Plan				

Sample No:	25N007309	Analyte	Claim	Found Unit	Disposition
		Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	144	150.25	
		Copper	0.07	0.08 %	Pass
		Iron	0.15	0.19 %	Pass
		Manganese, Acid Soluble	0.05	0.06 %	Pass
		Nitrogen, Total	10	10.94 %	Pass
		Overall Index Value		104.34 %	Pass
		Phosphate, Available as P2O	52	53.60 %	Pass
		Potash, Soluble as K2O	10	10.22 %	Pass
Product:	Miracle-Gro LiquaFeed Bloom B				
Sample No:	25N006805				
		Commercial Value	60	64.01	
		Manganese, Acid Soluble	0.05	0.06 %	Pass
		Nitrogen, Total	12	12.76 %	Pass
		Overall Index Value		106.68 %	Pass
		Phosphate, Available as P2O	9	9.54 %	Pass
		Potash, Soluble as K2O	6	6.65 %	Pass
		Zinc, Acid Soluble	0.05	0.06 %	Pass
		Zinc, Chelated	0.05	0.06 %	Pass
Product:	Miracle-Gro Miracid Plant Food				
Sample No:	25N007310				
		Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	120	126.23	
		Copper	0.07	0.09 %	Pass
		Iron	0.325	0.38 %	Pass
		Manganese, Acid Soluble	0.05	0.06 %	Pass
		Nitrogen, Total	30	31.84 %	Pass
		Overall Index Value		105.19 %	Pass
		Phosphate, Available as P2O	10	10.44 %	Pass
		Potash, Soluble as K2O	10	9.84 %	Pass
		Zinc, Acid Soluble	0.07	0.08 %	Pass
		Zinc, Chelated	0.07	0.08 %	Pass
Sample No:	25N009339				
		Boron, Acid Soluble	0.02	0.02 %	Pass
		Commercial Value	120	128.27	

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Copper	0.07	0.08	%	Pass
		Iron	0.325	0.40	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	30	32.54	%	Pass
		Overall Index Value		106.89	%	Pass
		Phosphate, Available as P2O5	10	10.33	%	Pass
		Potash, Soluble as K2O	10	10.00	%	Pass
		Zinc, Acid Soluble	0.07	0.08	%	Pass
		Zinc, Chelated	0.07	0.07	%	Pass
Product:		Miracle-Gro Rose Plant Food (16-16-8)				
Sample No:		25N007307				
		Commercial Value	118	124.96		
		Copper	0.05	0.06	%	Pass
		Iron	0.10	0.14	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	18	20.88	%	Pass
		Overall Index Value		105.89	%	Pass
		Phosphate, Available as P2O5	24	23.28	%	Pass
		Potash, Soluble as K2O	16	15.77	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Water Soluble	0.05	0.05	%	Pass
Product:		Miracle-Gro Shake 'n Feed All Purpose Plant Food				
Sample No:		25N006803				
		Calcium	7.6	8.03	%	Pass
		Commercial Value	52	59.15		
		Copper	0.06	0.09	%	Pass
		Iron	0.95	1.74	%	Pass
		Magnesium, Acid Soluble	2.5	3.11	%	Pass
		Magnesium, Water Soluble	0.7	1.08	%	Pass
		Manganese, Acid Soluble	0.35	0.53	%	Pass
		Manganese, Water Soluble	0.23	0.20	%	Pass
		Nitrogen, Total	12	13.43	%	Pass
		Overall Index Value		113.75	%	Pass
		Phosphate, Available as P2O5	4	4.81	%	Pass
		Potash, Soluble as K2O	8	9.26	%	Pass
		Sulfur	3.2	4.58	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u> <u>Unit</u>	<u>Disposition</u>
		Zinc, Acid Soluble	0.12	0.21 %	Pass
		Zinc, Water Soluble	0.001	0.00 %	Pass
Product:	Miracle-Gro Shake'n Feed All Pt				
Sample No:	25N009336				
		Calcium	5.6	6.51 %	Pass
		Commercial Value	55	55.57	
		Copper	0.05	0.08 %	Pass
		Iron	0.92	1.66 %	Pass
		Magnesium, Acid Soluble	2.9	3.30 %	Pass
		Magnesium, Water Soluble	0.69	1.03 %	Pass
		Manganese, Acid Soluble	0.34	0.40 %	Pass
		Manganese, Water Soluble	0.23	0.20 %	Pass
		Nitrogen, Total	10	9.80 %	Pass
		Overall Index Value		101.03 %	Pass
		Phosphate, Available as P2O	5	4.88 %	Pass
		Potash, Soluble as K2O	15	16.40 %	Pass
		Sulfur	6.0	7.64 %	Pass
		Zinc, Acid Soluble	0.11	0.12 %	Pass
Product:	Miracle-Gro Tomato Plant Food				
Sample No:	25N006806				
		Commercial Value	111	116.92	
		Copper	0.05	0.08 %	Pass
		Iron	0.10	0.16 %	Pass
		Magnesium, Acid Soluble	0.50	0.40 %	Pass
		Magnesium, Water Soluble	0.50	0.64 %	Pass
		Manganese, Acid Soluble	0.05	0.07 %	Pass
		Nitrogen, Total	18	16.88 %	Deficient
		Overall Index Value		105.33 %	Pass
		Phosphate, Available as P2O	18	20.11 %	Pass
		Potash, Soluble as K2O	21	24.44 %	Pass
		Zinc, Acid Soluble	0.05	0.06 %	Pass
		Zinc, Water Soluble	0.05	0.05 %	Pass
Sample No:	25N007306				
		Commercial Value	111	114.81	
		Copper	0.05	0.07 %	Pass
		Iron	0.10	0.15 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Magnesium, Acid Soluble	0.50	0.56	%	Pass
		Magnesium, Water Soluble	0.50	0.54	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	18	18.24	%	Pass
		Overall Index Value		103.44	%	Pass
		Phosphate, Available as P2O5	18	18.64	%	Pass
		Potash, Soluble as K2O	21	22.81	%	Pass
		Zinc, Acid Soluble	0.05	0.06	%	Pass
		Zinc, Water Soluble	0.05	0.05	%	Pass
Product: Osmocote Plus Plant Food (15-5-10)						
Sample No:		26N000832				
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	75	79.53		
		Copper	0.05	0.06	%	Pass
		Iron	0.46	0.51	%	Pass
		Magnesium, Acid Soluble	1.3	1.44	%	Pass
		Magnesium, Water Soluble	0.9	1.40	%	Pass
		Manganese, Acid Soluble	0.06	0.10	%	Pass
		Manganese, Water Soluble	0.02	0.02	%	Pass
		Molybdenum	0.02	0.03	%	Pass
		Nitrogen, Total	15	16.15	%	Pass
		Overall Index Value		106.04	%	Pass
		Phosphate, Available as P2O5	9	9.16	%	Pass
		Potash, Soluble as K2O	12	12.76	%	Pass
		Sulfur	6.0	7.07	%	Pass
		Zinc, Acid Soluble	0.05	0.07	%	Pass
Product: Scotts All Purpose Flower & Veg						
Sample No:		25N007313				
		Commercial Value	60	69.59		
		Nitrogen, Total	10	12.80	%	Pass
		Overall Index Value		115.98	%	Pass
		Phosphate, Available as P2O5	10	10.14	%	Pass
		Potash, Soluble as K2O	10	10.91	%	Pass
		Sulfur	2	3.31	%	Pass
Product: Scotts Flower and Vegetable Plant Food						
Sample No:		25N009337				

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Commercial Value	60	68.31		
		Nitrogen, Total	10	11.75 %		Pass
		Overall Index Value		113.85 %		Pass
		Phosphate, Available as P2O	10	10.99 %		Pass
		Potash, Soluble as K2O	10	11.08 %		Pass
		Sulfur	2	2.25 %		Pass
Product: Scotts Rose and Bloom Plant Food						
Sample No:		25N009338				
		Commercial Value	52	64.28		
		Nitrogen, Total	12	15.21 %		Pass
		Overall Index Value		123.61 %		Pass
		Phosphate, Available as P2O	4	4.91 %		Pass
		Potash, Soluble as K2O	8	8.82 %		Pass
		Sulfur	2.2	3.04 %		Pass
Manufacturer: SGS-Northern Plains Region						
Product:		MAP 11-52-0				
Sample No:		25N009229				
		Commercial Value	137	137.65		
		Nitrogen, Total	11	11.20 %		Pass
		Overall Index Value		100.47 %		Pass
		Phosphate, Available as P2O	52	52.02 %		Pass
Manufacturer: Simplot Grower Solutions-IL						
Product:		Customer Blend				
Sample No:		25N009232				
		Boron, Acid Soluble	0.087	0.10 %		Pass
		Commercial Value	80.41	81.84		
		Copper	0.087	0.17 %		Pass
		Nitrogen, Total	3.67	3.81 %		Pass
		Overall Index Value		101.78 %		Pass
		Phosphate, Available as P2O	17.35	16.11 %		Deficient
		Potash, Soluble as K2O	34.7	38.19 %		Pass
		Sulfur	0.781	1.45 %		Pass
		Zinc, Acid Soluble	1.735	1.80 %		Pass
Manufacturer: Simplot--Chicago, IL						
Product:		11-52-0				
Sample No:		26N002241				

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Commercial Value	137	135.77		
		Nitrogen, Total	11	11.85 %		Pass
		Overall Index Value		99.10 %		Pass
		Phosphate, Available as P2O	52	50.11 %		Deficient
Manufacturer:	Simplot--Pocatello, ID					
Product:	MAP					
Sample No:	25N009537					
		Commercial Value	137	138.15		
		Nitrogen, Total	11	11.29 %		Pass
		Overall Index Value		100.84 %		Pass
		Phosphate, Available as P2O	52	52.14 %		Pass
Manufacturer:	Simplot--Rocksprings, WY					
Product:	MAP					
Sample No:	26N002972					
		Commercial Value	137	136.36		
		Nitrogen, Total	11	10.95 %		Pass
		Overall Index Value		99.54 %		Pass
		Phosphate, Available as P2O	52	51.76 %		Pass
Sample No:	26N003329					
		Commercial Value	137	142.22		
		Nitrogen, Total	11	11.69 %		Pass
		Overall Index Value		103.81 %		Pass
		Phosphate, Available as P2O	52	53.58 %		Pass
Product:	MAP (11-52-0)					
Sample No:	26N002747					
		Commercial Value	137	140.54		
		Nitrogen, Total	11	11.21 %		Pass
		Overall Index Value		102.58 %		Pass
		Phosphate, Available as P2O	52	53.46 %		Pass
Product:	Mono-AMM Phosphate (MAP) 11-					
Sample No:	25N006615					
		Commercial Value	137	134.48		
		Nitrogen, Total	11	10.53 %		Pass
		Overall Index Value		98.16 %		Pass
		Phosphate, Available as P2O	52	51.44 %		Pass
Product:	Mono-AMM Phosphate [MAP] (11					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sample No: 26N001316		Commercial Value	137	136.82		
		Nitrogen, Total	11	11.30 %		Pass
		Overall Index Value		99.87 %		Pass
		Phosphate, Available as P2O	52	51.46 %		Pass
Product: Mono-AMM Phosphate 11-52-0						
Sample No: 25N006246		Commercial Value	137	136.40		
		Nitrogen, Total	11	11.48 %		Pass
		Overall Index Value		99.56 %		Pass
		Phosphate, Available as P2O	52	50.98 %		Pass
Manufacturer: Simplot--Sioux City, IA						
Product: 40 Rock 12-40-0-6.5-1						
Sample No: 25N008375		Commercial Value	116	116.84		
		Nitrogen, Total	12	12.68 %		Pass
		Overall Index Value		100.72 %		Pass
		Phosphate, Available as P2O	40	39.40 %		Pass
		Sulfur	6.5	7.05 %		Pass
		Zinc, Acid Soluble	1	1.00 %		Pass
Product: MAP						
Sample No: 26N004330		Commercial Value	137	141.62		
		Nitrogen, Total	11	11.23 %		Pass
		Overall Index Value		103.37 %		Pass
		Phosphate, Available as P2O	52	53.96 %		Pass
Product: MAP 11-52-0						
Sample No: 26N002979		Commercial Value	137	140.31		
		Nitrogen, Total	11	10.87 %		Pass
		Overall Index Value		102.42 %		Pass
		Phosphate, Available as P2O	52	53.85 %		Pass
Manufacturer: SimplyGro LLC						
Product: The Old Farmers Almanac Tomatoes						
Sample No: 26N003290		Commercial Value	40	43.03		

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	8	8.81	%	Pass
		Overall Index Value		107.57	%	Pass
		Phosphate, Available as P2O	4	4.07	%	Pass
		Potash, Soluble as K2O	8	8.46	%	Pass
		Sulfur	2.9	3.15	%	Pass
Manufacturer:	Skyline Encap Holdings LL					
Product:	Earth Science Natural Bone Meal					
Sample No:	26N001087					
		Commercial Value	40	57.96		
		Nitrogen, Total	2	2.62	%	Pass
		Overall Index Value		144.90	%	Pass
		Phosphate, Available as P2O	17	25.05	%	Pass
Product:	Earth Science Natural Bone Meal					
Sample No:	26N004745					
		Commercial Value	40	62.22		
		Nitrogen, Total	2	2.61	%	Pass
		Overall Index Value		155.54	%	Pass
		Phosphate, Available as P2O	17	27.19	%	Pass
Product:	Moorganite All Purpose fertilizer					
Sample No:	26N003850					
		Calcium	4.0	8.32	%	Pass
		Commercial Value	18	23.11		
		Nitrogen, Total	5.0	5.00	%	Pass
		Overall Index Value		128.39	%	Pass
		Phosphate, Available as P2O	1.0	2.40	%	Pass
		Potash, Soluble as K2O	1.0	3.32	%	Pass
Product:	Stagreen Blood Meal					
Sample No:	26N003859					
		Nitrogen, Total	14.0	15.45	%	Pass
Product:	Stagreen Bone Meal					
Sample No:	26N003860					
		Commercial Value	40	57.91		
		Nitrogen, Total	2.0	8.36	%	Pass
		Overall Index Value		144.78	%	Pass
		Phosphate, Available as P2O	17.0	16.42	%	Pass
Manufacturer:	Sun Bulb Company					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	Dynamite Cactus & Succulent F					
Sample No:	26N003922					
		Boron, Acid Soluble	0.02	0.03	%	Pass
		Commercial Value	74	76.94		
		Copper	0.05	0.07	%	Pass
		Iron	0.20	0.40	%	Pass
		Magnesium, Acid Soluble	1.20	1.68	%	Pass
		Magnesium, Water Soluble	1.20	1.53	%	Pass
		Manganese, Acid Soluble	0.06	0.12	%	Pass
		Manganese, Water Soluble	0.06	0.10	%	Pass
		Nitrogen, Total	18.00	18.21	%	Pass
		Overall Index Value		103.97	%	Pass
		Phosphate, Available as P2O	6.00	6.74	%	Pass
		Potash, Soluble as K2O	8.00	8.83	%	Pass
		Sulfur	4.00	5.69	%	Pass
Manufacturer:	Swiss Farms Products Inc					
Product:	Ace Weed and Feed Fertilizer					
Sample No:	26N004744					
		Commercial Value	90	91.85		
		Nitrogen, Total	29	29.15	%	Pass
		Overall Index Value		102.05	%	Pass
		Potash, Soluble as K2O	3	4.40	%	Pass
Product:	Lawn Fertilizer					
Sample No:	26N003853					
		Commercial Value	91	102.21		
		Nitrogen, Total	29	32.66	%	Pass
		Overall Index Value		112.31	%	Pass
		Potash, Soluble as K2O	4	4.23	%	Pass
Manufacturer:	Terrace Brands					
Product:	Whitney Farms Tomato & Veget					
Sample No:	26N005393					
		Calcium	6		%	
		Commercial Value	42			
		Magnesium, Acid Soluble	1		%	
		Magnesium, Water Soluble	0.2	0.26	%	Pass
		Nitrogen, Total	7	5.43	%	Deficient

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	7		%	
		Overall Index Value			%	
		Phosphate, Available as P2O	6	7.85	%	Pass
		Potash, Soluble as K2O	9	9.11	%	Pass
		Sulfur	1.5	2.43	%	Pass
Manufacturer:	The Andersons					
Product:	Ammonium Poly Phosphate Liquid					
Sample No:	25N006524					
		Commercial Value	98	95.42		
		Nitrogen, Total	10	9.82	%	Pass
		Overall Index Value		97.37	%	Deficient
		Phosphate, Available as P2O	34	32.98	%	Deficient
Product:	Liquid fertilizer 10-34-0					
Sample No:	26N001311					
		Commercial Value	98	97.57		
		Nitrogen, Total	10	10.24	%	Pass
		Overall Index Value		99.56	%	Pass
		Phosphate, Available as P2O	34	34.41	%	Pass
Product:	Liquid fertilizer 11-0-0-24s [sulfur]					
Sample No:	26N001310					
		Nitrogen, Total	11	9.19	%	Deficient
		Sulfur	24	18.47	%	Deficient
Manufacturer:	The Andersons-Sioux City					
Product:	6-22-2-9Zinc Liquid Fertilizer					
Sample No:	25N006239					
		Commercial Value	64	67.09		
		Nitrogen, Total	6	6.21	%	Pass
		Overall Index Value		104.83	%	Pass
		Phosphate, Available as P2O	22	23.04	%	Pass
		Potash, Soluble as K2O	2	2.37	%	Pass
		Zinc, Acid Soluble	0.451	0.46	%	Pass
Product:	Ammonium thio sulfate ATS 11-0-0					
Sample No:	25N006240					
		Nitrogen, Total	11	14.84	%	Pass
		Sulfur	24	19.67	%	Deficient
Manufacturer:	The Scotts Company					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	Miracle-Gro Liqueal Tomato, Fruit					
Sample No:	26N005390					
		Commercial Value	44			
		Manganese, Acid Soluble	0.05		%	
		Nitrogen, Total	9	9.48	%	Pass
		Overall Index Value			%	
		Phosphate, Available as P2O5	4	4.27	%	Pass
		Potash, Soluble as K2O	9	10.18	%	Pass
		Zinc, Acid Soluble	0.05		%	
		Zinc, Chelated	0.05	0.06	%	Pass
Product:	Miracle-Gro Tomato Plant Food					
Sample No:	26N004826					
		Commercial Value	111	119.56		
		Copper	0.05	0.07	%	Pass
		Iron	0.10	0.14	%	Pass
		Magnesium, Acid Soluble	0.50	0.55	%	Pass
		Magnesium, Water Soluble	0.50	0.54	%	Pass
		Manganese, Acid Soluble	0.05	0.06	%	Pass
		Nitrogen, Total	18	19.66	%	Pass
		Overall Index Value		107.71	%	Pass
		Phosphate, Available as P2O5	18	18.60	%	Pass
		Potash, Soluble as K2O	21	23.38	%	Pass
		Zinc, Acid Soluble	0.05	0.05	%	Pass
		Zinc, Water Soluble	0.05	0.05	%	Pass
Product:	Osmocote Indoor & Outdoor Fertilizer					
Sample No:	25N007068					
		Boron, Acid Soluble	0.02	0.02	%	Pass
		Commercial Value	75	79.39		
		Copper	0.05	0.09	%	Pass
		Iron	0.46	0.53	%	Pass
		Magnesium, Acid Soluble	1.3	1.55	%	Pass
		Magnesium, Water Soluble	0.9	1.33	%	Pass
		Manganese, Acid Soluble	0.06	0.10	%	Pass
		Manganese, Water Soluble	0.02	0.02	%	Pass
		Molybdenum	0.02	0.03	%	Pass
		Nitrogen, Total	15	16.48	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Overall Index Value		105.86	%	Pass
		Phosphate, Available as P2O	9	8.80	%	Pass
		Potash, Soluble as K2O	12	12.36	%	Pass
		Sulfur	6.0	7.07	%	Pass
		Zinc, Acid Soluble	0.05	0.07	%	Pass
		Zinc, Water Soluble	0.011	0.01	%	Pass
Product: Osmocote Flower & Vegetable F						
Sample No:		26N004821				
		Commercial Value	84	89.97		
		Nitrogen, Total	14	14.93	%	Pass
		Overall Index Value		107.11	%	Pass
		Phosphate, Available as P2O	14	15.10	%	Pass
		Potash, Soluble as K2O	14	14.98	%	Pass
Product: Scotts Flower & Vegetable Plant I						
Sample No:		26N005391				
		Commercial Value	60	68.20		
		Nitrogen, Total	10	11.58	%	Pass
		Overall Index Value		113.67	%	Pass
		Phosphate, Available as P2O	10	10.87	%	Pass
		Potash, Soluble as K2O	10	11.71	%	Pass
		Sulfur	2	3.21	%	Pass
Product: Scotts Flower & Vegetable (10-1						
Sample No:		26N004824				
		Commercial Value	60	65.84		
		Nitrogen, Total	10	11.23	%	Pass
		Overall Index Value		109.74	%	Pass
		Phosphate, Available as P2O	10	10.50	%	Pass
		Potash, Soluble as K2O	10	11.15	%	Pass
		Sulfur	2	2.32	%	Pass
Product: Scott's Flower & Vegetable fertili						
Sample No:		26N003284				
		Commercial Value (STPB)	60	66.08		
		Nitrogen, Total	10	10.54	%	Pass
		Overall Index Value (STPB)		110.13	%	Pass
		Phosphate, Available as P2O	10	12.04	%	Pass
		Potash, Soluble (STPB) as k	10	10.38	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Sulfur	2	2.22	%	Pass
Product:	Scotts Flowers & Vegetable Plar					
Sample No:	26N004830					
		Commercial Value	60	71.34		
		Nitrogen, Total	10	13.55	%	Pass
		Overall Index Value		118.90	%	Pass
		Phosphate, Available as P2C	10	10.20	%	Pass
		Potash, Soluble as K2O	10	10.29	%	Pass
		Sulfur	2	3.33	%	Pass
Product:	Scotts Liquid Turf Builder Plus					
Sample No:	25N007961					
		Commercial Value	77	79.97		
		Nitrogen, Total	25	25.69	%	Pass
		Overall Index Value		103.85	%	Pass
		Potash, Soluble as K2O	2	2.88	%	Pass
Manufacturer:	ThorAg-Holloway					
Product:	46-0-0					
Sample No:	26N003624					
		Nitrogen, Total	46	46.70	%	Pass
Product:	AMS					
Sample No:	26N001347					
		Nitrogen, Total	21	21.51	%	Pass
		Sulfur	24	24.90	%	Pass
Product:	Potash					
Sample No:	26N001350					
		Potash, Soluble (STPB) as K	60	61.14	%	Pass
Sample No:	26N003326					
		Potash, Soluble as K2O	60	62.74	%	Pass
Manufacturer:	ThorAg-Shoreview					
Product:	MAP					
Sample No:	26N001349					
		Commercial Value	137	134.82		
		Nitrogen, Total	11	11.00	%	Pass
		Overall Index Value		98.41	%	Pass
		Phosphate, Available as P2C	52	50.91	%	Pass
Manufacturer:	True Organic Products					

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	Tru Organics Bone Meal 7-7-0					
Sample No:	26N004793					
		Calcium	7	10.20	%	Pass
		Commercial Value	35	41.78		
		Nitrogen, Total	7	7.70	%	Pass
		Overall Index Value		119.38	%	Pass
		Phosphate, Available as P2O	7	9.34	%	Pass
Product:	True Organic Tomato and Veget					
Sample No:	25N007100					
		Calcium	6	6.63	%	Pass
		Commercial Value	28	31.64		
		Nitrogen, Total	4	4.89	%	Pass
		Overall Index Value		113.01	%	Pass
		Phosphate, Available as P2O	5	5.34	%	Pass
		Potash, Soluble as K2O	6	6.30	%	Pass
		Sulfur	1	2.45	%	Pass
Product:	True Organics All Purpose Plant					
Sample No:	26N004792					
		Calcium	4	9.31	%	Pass
		Commercial Value	28	39.40		
		Nitrogen, Total	5	5.93	%	Pass
		Overall Index Value		140.73	%	Pass
		Phosphate, Available as P2O	4	7.82	%	Pass
		Potash, Soluble as K2O	5	5.97	%	Pass
		Sulfur	1	3.06	%	Pass
Manufacturer:	Tulare Fertilizer					
Product:	AMS					
Sample No:	26N002860					
		Nitrogen, Total	21	21.89	%	Pass
		Sulfur	24	24.85	%	Pass
Sample No:	26N002878					
		Nitrogen, Total	21	22.34	%	Pass
		Sulfur	24	24.55	%	Pass
Product:	MAP					
Sample No:	26N002859					
		Commercial Value	137	141.58		

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Nitrogen, Total	11	12.61	%	Pass
		Overall Index Value		103.35	%	Pass
		Phosphate, Available as P2O	52	51.87	%	Pass
Product:	Urea					
Sample No:	26N002874					
		Nitrogen, Total	46	47.91	%	Pass
Manufacturer:	Voluntary Purchasing Group					
Product:	Fertilome All Purpose House Plant					
Sample No:	26N000440					
		Commercial Value	60	56.70		
		Nitrogen, Total	10	9.31	%	Deficient
		Overall Index Value		94.50	%	Deficient
		Phosphate, Available as P2O	10	9.46	%	Pass
		Potash, Soluble as K2O	10	9.85	%	Pass
Product:	ferti-lome All Purpose Plant Food					
Sample No:	25N006788					
		Commercial Value	120	124.23		
		Nitrogen, Total	20	20.23	%	Pass
		Overall Index Value		103.52	%	Pass
		Phosphate, Available as P2O	20	21.32	%	Pass
		Potash, Soluble as K2O	20	20.91	%	Pass
Product:	ferti-lome Blooming & Rooting P					
Sample No:	25N006787					
		Commercial Value	151	153.27		
		Nitrogen, Total	9	9.56	%	Pass
		Overall Index Value		101.50	%	Pass
		Phosphate, Available as P2O	58	58.20	%	Pass
		Potash, Soluble as K2O	8	8.18	%	Pass
Product:	ferti-lome Root Stimulator (4-10-					
Sample No:	25N006779					
		Commercial Value	35	36.74		
		Nitrogen, Total	4	4.09	%	Pass
		Overall Index Value		104.97	%	Pass
		Phosphate, Available as P2O	10	10.64	%	Pass
		Potash, Soluble as K2O	3	3.19	%	Pass
Product:	ferti-lome Succulent & Cactus Pl					

Sample No:		Analyte	Claim	Found	Unit	Disposition
25N006362		Commercial Value	27	27.28		
		Nitrogen, Total	2	2.10 %		Pass
		Overall Index Value		101.02 %		Pass
		Phosphate, Available as P2O5	7	6.61 %		Pass
		Potash, Soluble as K2O	7	7.75 %		Pass
Product:	Hi-Yield Garden Fertilizer (8-10-0)					
Sample No:	26N000007					
		Commercial Value	52	53.77		
		Nitrogen, Total	8.0	8.43 %		Pass
		Overall Index Value		103.40 %		Pass
		Phosphate, Available as P2O5	10.0	10.22 %		Pass
		Potash, Soluble as K2O	8.0	8.04 %		Pass
Product:	Hi-Yield Tomato & Vegetable Food					
Sample No:	26N003282					
		Commercial Value (STPB)	38	38.91		
		Nitrogen, Total	4	4.33 %		Pass
		Overall Index Value (STPB)		102.41 %		Pass
		Phosphate, Available as P2O5	10	10.00 %		Pass
		Potash, Soluble (STPB) as K2O	6	5.93 %		Pass
Product:	Muriate of Potash (0-0-60)					
Sample No:	26N000008					
		Potash, Soluble as K2O	60	58.41 %		Pass
Manufacturer:	Western Consolidated Co					
Product:	Potash					
Sample No:	26N002966					
		Potash, Soluble as K2O	60	60.77 %		Pass
Manufacturer:	Western Consolidated Co					
Product:	46-0--0					
Sample No:	26N001157					
		Nitrogen, Total	46	46.71 %		Pass
Manufacturer:	Winfield Solutions-Kansas					
Product:	MAP					
Sample No:	26N003625					
		Commercial Value	137	143.03		
		Nitrogen, Total	11	11.71 %		Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Overall Index Value		104.40	%	Pass
Phosphate, Available as P ₂ O ₅	52	53.95	%	Pass

Performed By:



Collected By:



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

2025 Fertilizer Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
Boron, Acid Soluble	%	34.00
Calcium	%	29.00
Commercial Value		3.00
Commercial Value		228.00
Commercial Value (STPB)		10.00
Copper	%	47.00
Iron	%	68.00
Magnesium, Acid Soluble	%	31.00
Magnesium, Water Soluble	%	30.00
Manganese, Acid Soluble	%	72.00
Manganese, Water Soluble	%	20.00
Molybdenum	%	2.00
Nitrogen, Total	%	406.00
Overall Index Value	%	231.00
Overall Index Value (STPB)	%	10.00
Phosphate, Available as P2O5	%	241.00
Phosphate, Available as P2O5	%	5.00
Potash, Soluble as K2O	%	178.00
Potash, Soluble (STPB) as K2O	%	26.00
Sulfur	%	144.00
Zinc, Acid Soluble	%	94.00
Zinc, Chelated	%	25.00
Zinc, Water Soluble	%	26.00
Total Fertilizer Analyses:		1,960.00

South Dakota Department of Agriculture and Natural Resources
Tonnage Summary Report
Report Year 2025

Code	Grade	Total
649	0.5-0.5-0.5	0.00
697	00-00-00	20.81
744	00-00-00	0.00
742	00-00-00	4.00
736	00-00-00	0.00
733	00-00-00	46.95
732	00-00-00	5,973.45
730	00-00-00	52.08
728	00-00-00	0.40
722	00-00-00	11.40
720	00-00-00	54.09
745	00-00-00	76.43
698	00-00-00	5.82
498	00-00-00	421.41
998	00-00-00	194,694.13
497	00-00-00	667.91
0	00-00-00	18,107.94
298	00-00-00	6,876.74
297	00-00-00	9,569.85
98	00-00-00	4,208.15
97	00-00-00	17,268.86
61	00-00-00	91.38
56	00-00-00	3,223.37
706	00-00-00	317.57
988	00-00-00	2,599.98
910	00-00-00	0.00
908	00-00-00	8,929.87
907	00-00-00	586.94
906	00-00-00	126.56
905	00-00-00	436.00
915	00-00-00	145.04
749	00-00-00	31.94
978	00-00-00	9,549.95
990	00-00-00	21,543.88
797	00-00-00	556.44
784	00-00-00	739.78
766	00-00-00	4.10
754	00-00-00	32.02
764	00-00-00	84.26
798	00-00-00	934.02
765	00-00-00	24.25

Code	Grade	Total
783	00-00-00	57.93
770	00-00-00	2,962.46
773	00-00-00	6.00
774	00-00-00	2.00
778	00-00-00	7.05
780	00-00-00	6.00
782	00-00-00	1,569.84
408	00-00-10	0.00
413	00-00-20	11.84
443	00-00-22	357.89
463	00-00-50	474.23
428	00-00-60	175,135.21
430	00-00-62	2,484.63
233	00-13-00	0.00
265	00-23-00	2.07
243	00-3-00	1,279.74
248	00-54-00	913.64
273	00-68-00	28,035.21
649	01-01-01	0.00
73	10-00-00	26.88
249	10-34-00	15,350.96
202	11-48-00	6,297.72
209	11-52-00	269,844.25
601	12-00-00	0.01
31	12-00-00	14,364.56
201	12-51-00	4,691.09
54	15-00-00	1.00
43	16-00-00	14.45
207	16-20-00	855.43
203	18-46-00	28,014.29
20	20-00-00	25,315.73
67	20-00-00	873.09
38	21-00-00	0.40
24	21-00-00	134,134.67
613	2-2-1	3,176.37
216	2-27-00	0.03
58	28-00-00	104,351.86
59	30-00-00	140.83
60	32-00-00	192,712.37
46	34-00-00	0.08
29	34-00-00	4.13
66	44-00-00	0.00
66	46-00-00	771,052.96
25	6-00-00	499.14
665	6-2-2	228.27

Code	Grade	Total
617	6-6-6	111.43
50	7-00-00	4.09
2	82-00-00	27,279.58
685	8-2-2	101.01
77	9-00-00	91.46
Total of 91 records		2,120,861.65