

**SOUTH DAKOTA DEPARTMENT OF AGRICULTURE  
DIVISION OF AGRICULTURAL SERVICES**

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# 2000 COMMERCIAL FERTILIZER ANNUAL REPORT

The South Dakota Department of Agriculture, Division of Agricultural Services, Office of Agronomy Services under the Authority of SDCL 38-19 provides for sampling and analysis of fertilizer ingredients and fertilizer products sold in South Dakota. Analysis of all products distributed under the law are in this report.

State inspectors random sample fertilizer products throughout South Dakota. The following summary of samples were analyzed and results provided by the Analytical Services Laboratory with in the Chemistry Department at the South Dakota State University, located in Brookings, South Dakota.

SECTION A: SDSU SUMMARY REPORT OF SAMPLES

SECTION B: SAMPLE COUNT REPORT BY

MANUFACTURE AND LOCATION

SECTION C: REGULATORY ANALYTE TOTALS

# South Dakota Department of Agriculture

## Fertilizer Tonnage Report

(SDSU Summary)  
01-01-2000 to 12-31-2000

Manufacturer Location	Product	Analyte	Found	Claim
<b>Agriliance, LLC</b> St. Paul, MN				
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-03187</b>	
		Total Nitrogen, %	46.02	46
	<b>Dry bulk fertilizer DAP 18-46-00</b>		<b>00N-03188</b>	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.87	18
		Available Phosphate, %	46.50	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03514</b>	
		Total Nitrogen, %	46.56	46
<b>Agrium US Inc</b> Denver, CO				
	<b>Dry bulk fertilizer 0-0-60</b>		<b>00N-04651</b>	
		Soluble Potash, %	59.90	60
	<b>Dry bulk fertilizer 11-52-0</b>		<b>00N-04652</b>	
		Commercial Value	137.	137
		Overall Index Value	99.8	100
		Total Nitrogen, %	11.18	11
		Available Phosphate, %	51.56	52
<b>Agrium US Inc</b> Soda Springs, ID				
	<b>Dry bulk fertilizer MAP 11-52-0</b>		<b>00N-04037</b>	
		Commercial Value	138.	137
		Overall Index Value	101.	100
		Total Nitrogen, %	11.10	11
		Available Phosphate, %	52.30	52
<b>AH Hoffman Inc</b> Landisville, PA				
	<b>Ace 10-6-12 Rose Food</b>		<b>00N-03819</b>	
		Commercial Value	57.8	54
		Overall Index Value	107.	100
		Total Nitrogen, %	10.85	10
		Available Phosphate, %	6.41	6
		Soluble Potash, %	12.38	12
	<b>Hoffman All Natural Organic Dried Blood</b>		<b>00N-05986</b>	
		Total Nitrogen, %	15.12	12
	<b>Ace Azalea, Camelia &amp; Rhodo Food</b>		<b>00N-07359</b>	
		Calcium, %	6.91	7
		Chlorine, %	7.65	8
		Commercial Value	53.6	46
		Iron, %	0.97	1
		Overall Index Value	117.	100
		Magnesium, %	4.64	4
		Total Nitrogen, %	9.52	8
		Available Phosphate, %	7.28	6
		Soluble Potash, %	10.51	10
		Sulfur, %	6.27	5

Manufacturer Location	Product	Analyte	Found	Claim	
	<b>Ace-All Purpose Plant Food</b>		<b>00N-07360</b>		
		Calcium, %	7.83	7	
		Chlorine, %	7.24	8	
		Commercial Value	58.6	58	
		Overall Index Value	101.	100	
		Magnesium, %	5.24	4	
		Total Nitrogen, %	8.04	8	
		Available Phosphate, %	12.20	12	
		Soluble Potash, %	10.13	10	
		Sulfur, %	3.04	2.5	
<b>Aim Lawn &amp; Garden Products</b>					
<b>Avon Lake, OH</b>					
	<b>** Scenic Green TM Weed and Feed 17-2-3</b>		<b>00N-04521</b>		
		Chlorine, %	2.82	1.8	EXCESSIVE
		Commercial Value	73.9	58	
		Overall Index Value	127.	100	
		Total Nitrogen, %	21.36	17	
		Available Phosphate, %	3.06	2	
		Soluble Potash, %	3.72	3	
	<b>Tru Green Lawn Fertilizer 28-3-6</b>		<b>00N-04654</b>		
		Commercial Value	102.	96	
		Overall Index Value	106.	100	
		Total Nitrogen, %	29.68	28	
		Available Phosphate, %	3.51	3	
		Soluble Potash, %	5.78	6	
<b>Alaska Fish Fertilizer</b>					
<b>Renton, WA</b>					
	<b>Alaska Fish Fertilizer 5-1-1</b>		<b>00N-04531</b>		
		Chlorine, %	1.79	4	
		Commercial Value	20.8	17	
		Overall Index Value	116.	100	
		Total Nitrogen, %	4.97	5	
		Available Phosphate, %	2.18	1	
		Soluble Potash, %	1.58	1	
<b>Alljack</b>					
<b>St. Louis, MO</b>					
	<b>All Purpose Plant Food 15-30-15</b>		<b>00N-03779</b>		
		Commercial Value	127.	120	
		Overall Index Value	106.	100	
		Total Nitrogen, %	15.94	15	
		Available Phosphate, %	31.42	30	
		Soluble Potash, %	16.44	15	
<b>American MicroTrace Corp</b>					
<b>Houston, TX</b>					
	<b>Dry bulk fertilizer zinc 0-0-0-35</b>		<b>00N-03920</b>		
		Sulfur, %	17.33	17.5	
		Zinc, %	34.68	35.5	
<b>Andersons (The) Lawn Fert Div</b>					
<b>Maumee, OH</b>					
	<b>Do It Lawn Food 20-4-8</b>		<b>00N-03685</b>		
		Commercial Value	81.2	76	
		Overall Index Value	107.	100	
		Total Nitrogen, %	20.90	20	
		Available Phosphate, %	5.03	4	
		Soluble Potash, %	8.43	8	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
<b>Badger Farmers Coop</b>					
<b>Badger, SD</b>					
	<b>*** Fertilizer blend 37.0-14.7-0</b>		<b>00N-03776</b>		
		Commercial Value	142.	140.56	
		Overall Index Value	101.	100	
		Total Nitrogen, %	35.85	37.04	DEFICIENT
		Available Phosphate, %	17.16	14.72	
<b>BCA Products</b>					
<b>Sleepy Eye, MN</b>					
	<b>*** Lawn Starter and Winterizer 18-24-6</b>		<b>00N-06309</b>		
		Commercial Value	104.	108	
		Overall Index Value	96.5	100	DEFICIENT
		Total Nitrogen, %	18.03	18	
		Available Phosphate, %	21.28	24	DEFICIENT
		Soluble Potash, %	7.27	6	
<b>Calcium Products Inc.</b>					
<b>Gilmore City, IA</b>					
	<b>Dry bulk fertilizer Gypsum SO4</b>		<b>00N-04616</b>		
		Calcium, %	22.55	23	
		Sulfur, %	18.00	17	
<b>Cargill Inc Fert Division</b>					
<b>Minneapolis, MN</b>					
	<b>Dry bulk fertilizer monoammonium phosphate 10-50-0</b>		<b>00N-05800</b>		
		Commercial Value	132.	130	
		Overall Index Value	101.	100	
		Total Nitrogen, %	10.32	10	
		Available Phosphate, %	50.33	50	
<b>Castlewood Farmers Elevator</b>					
<b>Castlewood, SD</b>					
	<b>*** Custom blend fertilizer 27.3-13.6-13.6</b>		<b>00N-03038</b>		
		Commercial Value	128.	122.7	
		Overall Index Value	104.	100	
		Total Nitrogen, %	25.15	27.3	DEFICIENT
		Available Phosphate, %	19.58	13.6	
		Soluble Potash, %	12.93	13.6	
<b>Cenex Farmers Union Oil</b>					
<b>Highmore, SD</b>					
	<b>Custom blend fertilizer 33.99-17.16-0</b>		<b>00N-04032</b>		
		Commercial Value	139.	136.29	
		Overall Index Value	102.	100	
		Total Nitrogen, %	34.24	33.99	
		Available Phosphate, %	18.30	17.16	
<b>Cenex Farmers Union Oil</b>					
<b>Bridgewater, SD</b>					
	<b>*** Custom blend fertilizer 34.38-11-5.5</b>		<b>00N-03912</b>		
		Commercial Value	130.	130.64	
		Overall Index Value	99.2	100	
		Total Nitrogen, %	32.85	34.38	DEFICIENT
		Available Phosphate, %	12.02	11	
		Soluble Potash, %	7.15	5.5	
<b>Cenex Harvest States</b>					
<b>St. Paul, MN</b>					
	<b>Dry bulk fertilizer 0-0-62 Granular potash</b>		<b>00N-05799</b>		
		Soluble Potash, %	61.82	62	

\*\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim
Cenex/Land O Lakes St. Paul, MN	<b>Dry bulk fertilizer MAP 11-52-00</b>		<b>00N-02762</b>	
		Commercial Value	142.	137
		Overall Index Value	104.	100
		Total Nitrogen, %	11.42	11
		Available Phosphate, %	53.82	52
	<b>Dry bulk fertilizer potash 0-0-60</b>		<b>00N-02763</b>	
		Soluble Potash, %	59.68	60
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-02805</b>	
		Commercial Value	148.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.82	18
		Available Phosphate, %	47.33	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-02806</b>	
		Total Nitrogen, %	46.47	46
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-02995</b>	
		Total Nitrogen, %	46.77	46
	<b>Dry bulk fertilizer DAP 18-46-0</b>		<b>00N-02996</b>	
		Commercial Value	151.	146
		Overall Index Value	103.	100
		Total Nitrogen, %	18.25	18
		Available Phosphate, %	47.91	46
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-02998</b>	
		Total Nitrogen, %	46.50	46
	<b>Dry bulk fertilizer 11-52-0</b>		<b>00N-03468</b>	
		Commercial Value	137.	137
		Overall Index Value	100.	100
		Total Nitrogen, %	11.16	11
		Available Phosphate, %	52.00	52
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03469</b>	
		Total Nitrogen, %	46.42	46
	<b>** Liquid fertilizer 10-34-0</b>		<b>00N-03517</b>	
		Commercial Value	97.4	98
	Overall Index Value	99.4	100	
	Total Nitrogen, %	10.50	10	
	Available Phosphate, %	33.01	34	
			DEFICIENT	
<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03682</b>		
	Total Nitrogen, %	46.55	46	
<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03683</b>		
	Commercial Value	147.	146	
	Overall Index Value	101.	100	
	Total Nitrogen, %	18.13	18	
	Available Phosphate, %	46.36	46	
<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03793</b>		
	Commercial Value	146.	146	
	Overall Index Value	100.	100	
	Total Nitrogen, %	17.71	18	
	Available Phosphate, %	46.54	46	
<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03794</b>		
	Total Nitrogen, %	46.60	46	
<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03931</b>		
	Total Nitrogen, %	46.67	46	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03932</b>	
		Commercial Value	147.	146
		Overall Index Value	101.	100
		Total Nitrogen, %	17.94	18
		Available Phosphate, %	46.48	46
	<b>Liquid fertilizer 10-34-0</b>		<b>00N-03958</b>	
		Commercial Value	97.9	98
		Overall Index Value	99.9	100
		Total Nitrogen, %	9.98	10
		Available Phosphate, %	33.99	34
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-04033</b>	
		Total Nitrogen, %	46.37	46
	<b>Liquid fertilizer 28-0-0</b>		<b>00N-04039</b>	
		Total Nitrogen, %	27.41	28
	<b>Liquid fertilizer 10-34-0</b>		<b>00N-04041</b>	
		Commercial Value	97.8	98
		Overall Index Value	99.8	100
		Total Nitrogen, %	9.75	10
		Available Phosphate, %	34.27	34
	<b>Liquid fertilizer 10-34-0</b>		<b>00N-04042</b>	
		Commercial Value	99.5	98
		Overall Index Value	102.	100
		Total Nitrogen, %	10.09	10
		Available Phosphate, %	34.63	34
	<b>Liquid fertilizer 32-0-0</b>		<b>00N-04044</b>	
		Total Nitrogen, %	32.12	32
	<b>Dry bulk fertilizer 18-46-0 DAP</b>		<b>00N-04732</b>	
		Commercial Value	146.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.73	18
		Available Phosphate, %	46.45	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-04733</b>	
		Total Nitrogen, %	46.53	46
	<b>Liquid fertilizer 28-0-0</b>		<b>00N-05398</b>	
		Total Nitrogen, %	27.66	28
	<b>Liquid fertilizer 28-0-0</b>		<b>00N-05880</b>	
		Total Nitrogen, %	27.96	28
<b>Cenex/Land O Lakes Ag Services</b>				
<b>Bismarck, ND</b>				
	<b>Cenex Plant Food 20-10-10</b>		<b>00N-05144</b>	
		Commercial Value	116.	90
		Overall Index Value	129.	100
		Total Nitrogen, %	20.26	20
		Available Phosphate, %	22.69	10
		Soluble Potash, %	10.25	10
	<b>Cenex Plant Food 18-46-0</b>		<b>00N-05145</b>	
		Commercial Value	147.	146
		Overall Index Value	100.	100
		Total Nitrogen, %	17.74	18
		Available Phosphate, %	46.71	46

Manufacturer Location	Product	Analyte	Found	Claim
<b>Centennial Ag Supply Company</b>				
<b>Kersey, CO</b>				
	<b>Liquid fertilizer 18.01-3.61-1.80</b>		<b>00N-04535</b>	
	Commercial Value		62.9	63.05
	Overall Index Value		99.8	100
	Total Nitrogen, %		18.20	18.01
	Available Phosphate, %		3.04	3.61
	Soluble Potash, %		2.23	1.8
<b>CF Industries Inc</b>				
<b>Long Grove, IL</b>				
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-03913</b>	
	Total Nitrogen, %		46.62	46
	<b>Dry bulk fertilizer 11-52-0</b>		<b>00N-03915</b>	
	Commercial Value		140.	137
	Overall Index Value		103.	100
	Total Nitrogen, %		11.29	11
	Available Phosphate, %		53.29	52
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-03917</b>	
	Total Nitrogen, %		46.48	46
	<b>Dry bulk fertilizer MAP 11-52-0</b>		<b>00N-04034</b>	
	Commercial Value		140.	137
	Overall Index Value		102.	100
	Total Nitrogen, %		10.99	11
	Available Phosphate, %		53.34	52
	<b>Dry bulk fertilizer Urea 46-0-0</b>		<b>00N-04048</b>	
	Total Nitrogen, %		46.51	46
<b>Coastal Chemical Inc</b>				
<b>Cheyenne, WY</b>				
	<b>Liquid fertilizer 32-0-0</b>		<b>00N-03515</b>	
	Total Nitrogen, %		31.89	32
	<b>Liquid fertilizer 32-0-0 N. Tank</b>		<b>00N-03516</b>	
	Total Nitrogen, %		32.81	32
	<b>Liquid fertilizer 32-0-0</b>		<b>00N-04640</b>	
	Total Nitrogen, %		32.02	32
<b>ConAgra Fertilizer Corp</b>				
<b>Shakopee, MN</b>				
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-04030</b>	
	Total Nitrogen, %		46.75	46
	<b>Dry bulk fertilizer 46-0-0 urea</b>		<b>00N-05793</b>	
	Total Nitrogen, %		46.14	46
<b>Cone Ag Service</b>				
<b>Pierre, SD</b>				
	<b>Custom blend fertilizer 15-41-0-2S</b>		<b>00N-04035</b>	
	Commercial Value		130.	127
	Overall Index Value		102.	100
	Total Nitrogen, %		15.48	15
	Available Phosphate, %		41.65	41
	Sulfur, %		4.69	2
<b>Cooperative Agronomy Services</b>				
<b>Groton, SD</b>				
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-02764</b>	
	Total Nitrogen, %		46.67	46



Manufacturer Location	Product	Analyte	Found	Claim	
<b>Country Partners Cooperative</b>					
<b>Sisseton, SD</b>					
	<b>Custom blend fertilizer 26.62-17.48-11.4</b>		<b>00N-03186</b>		
		Commercial Value	127.	126.22	
		Overall Index Value	101.	100	
		Total Nitrogen, %	26.26	26.62	
		Available Phosphate, %	17.43	17.48	
		Soluble Potash, %	13.44	11.4	
<b>Dakota Ag Coop</b>					
<b>Miller, SD</b>					
	<b>** Dry bulk fertilizer custom blend 35.08-17.94-0</b>		<b>00N-02994</b>		
		Commercial Value	146.	141.12	
		Overall Index Value	103.	100	
		Total Nitrogen, %	32.53	35.08	DEFICIENT
		Available Phosphate, %	23.64	17.94	
<b>Dakota Crawlers</b>					
<b>Hettinger, ND</b>					
	<b>Wiggle Worm Soil Builder 1-0-0</b>		<b>00N-04537</b>		
		Calcium, %	0.89	1	
		Total Nitrogen, %	0.66	1	
<b>Dakota Gasification Company</b>					
<b>Englewood, CO</b>					
	<b>Dry bulk fertilizer Ammonium Sulfate 21-0-0-24</b>		<b>00N-04038</b>		
		Total Nitrogen, %	20.98	21	
		Sulfur, %	23.97	24	
<b>Dakota Mill and Grain</b>					
<b>Midland, SD</b>					
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-05971</b>		
		Total Nitrogen, %	46.39	46	
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-05972</b>		
		Commercial Value	148.	146	
		Overall Index Value	102.	100	
		Total Nitrogen, %	17.97	18	
		Available Phosphate, %	47.16	46	
<b>Dakota Plains Ag Center LLC</b>					
<b>Scotland, SD</b>					
	<b>Custom blend fertilizer 37.4-14.1-0</b>		<b>00N-03687</b>		
		Commercial Value	144.	140.4	
		Overall Index Value	102.	100	
		Total Nitrogen, %	37.47	37.4	
		Available Phosphate, %	15.59	14.1	
<b>Dell Rapids Coop Grain</b>					
<b>Dell Rapids, SD</b>					
	<b>** Custom blend fertilizer 23.7-14.7-14.4-2.7S</b>		<b>00N-03916</b>		
		Commercial Value	120.	114.94	
		Overall Index Value	104.	100	
		Total Nitrogen, %	24.67	23.7	
		Available Phosphate, %	16.41	14.72	
		Soluble Potash, %	12.69	14.4	DEFICIENT
		Sulfur, %	3.86	2.7	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
<b>Domestic Fertilizer Inc</b>					
Paris, KY					
	<b>KGro House Plant Food Sticks 13-4-5</b>		<b>00N-04492</b>		
	Commercial Value		63.4	65	
	Overall Index Value		122.	100	
	Total Nitrogen, %		15.31	13	
	Available Phosphate, %		5.18	4	
	Soluble Potash, %		7.08	5	
	<b>Fruit Tree Stakes 10-13-13</b>		<b>00N-04528</b>		
	Chlorine, %		11.98	13	
	Commercial Value		91.1	69	
	Overall Index Value		132.	100	
	Total Nitrogen, %		14.41	10	
	Available Phosphate, %		16.02	13	
	Soluble Potash, %		15.82	13	
<b>Easy Gardener</b>					
Waco, TX					
	<b>Jobes Plant Food Spikes 13-4-5</b>		<b>00N-03509</b>		
	Commercial Value		63.8	52	
	Overall Index Value		123.	100	
	Total Nitrogen, %		15.27	13	
	Available Phosphate, %		5.39	4	
	Soluble Potash, %		7.19	5	
	<b>Jobes Fertilizer Spikes - Evergreen Trees and Shrubs</b>		<b>00N-04621</b>		
	Chlorine, %		4.02	4	
	Commercial Value		64.6	60	
	Overall Index Value		108.	100	
	Total Nitrogen, %		16.85	16	
	Available Phosphate, %		4.33	4	
	Soluble Potash, %		5.41	4	
	<b>Jobes Plant Food Spikes 13-4-5</b>		<b>00N-07356</b>		
	Commercial Value		65.3	52	
	Overall Index Value		126.	100	
	Total Nitrogen, %		16.11	13	
	Available Phosphate, %		5.32	4	
	Soluble Potash, %		6.32	5	
	<b>** Jobes Fertilizer Spikes for Evergreen trees and shrubs</b>		<b>00N-09759</b>		
	Chlorine, %		16.95	4	EXCESSIVE
	Commercial Value		70.0	60	
	Overall Index Value		117.	100	
	Total Nitrogen, %		11.84	16	DEFICIENT
	Available Phosphate, %		6.22	4	
	Soluble Potash, %		21.71	4	
	<b>Jobes Food Spikes Flowers 10-10-4</b>		<b>01N-00026</b>		
	Commercial Value		66.6	54	
	Overall Index Value		123.	100	
	Total Nitrogen, %		13.73	10	
	Available Phosphate, %		10.03	10	
	Soluble Potash, %		5.32	4	
	<b>Jobes Plant Food Spikes - Houseplants</b>		<b>01N-00027</b>		
	Commercial Value		60.8	53	
	Overall Index Value		117.	100	
	Total Nitrogen, %		13.90	13	
	Available Phosphate, %		5.63	4	
	Soluble Potash, %		7.86	5	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
<b>Eau Claire Coop Oil Company</b>					
<b>Eau Claire, WI</b>					
	<b>Award Lawn and Garden Fertilizer 10-10-10</b>		<b>00N-08384</b>		
	Commercial Value		62.0	60	
	Overall Index Value		103.	100	
	Total Nitrogen, %		10.45	10	
	Available Phosphate, %		10.27	10	
	Soluble Potash, %		10.11	10	
	<b>** Award Winterizer/Starter 13-16-20</b>		<b>00N-08385</b>		
	Commercial Value		84.1	91	
	Overall Index Value		92.4	100	DEFICIENT
	Total Nitrogen, %		10.14	13	DEFICIENT
	Available Phosphate, %		15.82	16	
	Soluble Potash, %		22.00	20	
<b>Estelline Coop Grain</b>					
<b>Estelline, SD</b>					
	<b>Custom blend dry fertilizer 27.7-18.4-9.3</b>		<b>00N-03035</b>		
	Commercial Value		129.	129.2	
	Overall Index Value		99.9	100	
	Total Nitrogen, %		27.19	27.7	
	Available Phosphate, %		18.73	18.4	
	Soluble Potash, %		9.99	9.3	
<b>Farmers and Merchants Coop Oil Co.</b>					
<b>Madison, SD</b>					
	<b>Liquid fertilizer 10-34-0</b>		<b>00N-03681</b>		
	Commercial Value		97.8	98	
	Overall Index Value		99.8	100	
	Total Nitrogen, %		9.92	10	
	Available Phosphate, %		34.02	34	
<b>Farmers Coop Assn</b>					
<b>Ethan, SD</b>					
	<b>Dry bulk fertilizer custom formula 36.58-14.72-0</b>		<b>00N-02807</b>		
	Commercial Value		144.	139.18	
	Overall Index Value		103.	100	
	Total Nitrogen, %		37.26	36.58	
	Available Phosphate, %		16.11	14.72	
<b>Farmers Coop Company</b>					
<b>Brookings, SD</b>					
	<b>** Custom blend fertilizer 38.72-11.96-0</b>		<b>00N-03528</b>		
	Commercial Value		144.	140.08	
	Overall Index Value		103.	100	
	Total Nitrogen, %		37.28	38.72	DEFICIENT
	Available Phosphate, %		15.50	11.96	
<b>Farmers Plant Food Inc</b>					
<b>Garretson, SD</b>					
	<b>Liquid fertilizer 32-0-0</b>		<b>00N-03534</b>		
	Total Nitrogen, %		31.96	32	
	<b>** Liquid fertilizer 10-34-0</b>		<b>00N-03788</b>		
	Commercial Value		81.1	98	
	Overall Index Value		100.	100	
	Total Nitrogen, %		11.58	10	
	Available Phosphate, %		31.83	34	DEFICIENT
	<b>Dry bulk fertilizer 21-0-0-24</b>		<b>00N-04617</b>		
	Total Nitrogen, %		21.06	21	
	Sulfur, %		24.91	24	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
<b>Farmers Plant Food Inc</b>					
<b>Wolsey, SD</b>					
	<b>** Liquid fertilizer 32-0-0</b>		<b>00N-03775</b>		
	Total Nitrogen, %		27.69	32	DEFICIENT
	<b>Liquid fertilizer 28-0-0 straight</b>		<b>00N-04665</b>		
	Total Nitrogen, %		28.83	28	
	<b>** Liquid fertilizer 10-34-0 straight material</b>		<b>00N-04678</b>		
	Commercial Value		96.6	98	
	Overall Index Value		98.6	100	
	Total Nitrogen, %		10.54	10	
	Available Phosphate, %		32.54	34	DEFICIENT
	<b>Liquid fertilizer 28-0-0 straight material</b>		<b>00N-04679</b>		
	Total Nitrogen, %		27.60	28	
	<b>Liquid fertilizer 28-0-0</b>		<b>00N-05406</b>		
	Total Nitrogen, %		27.72	28	
<b>Farmers Union Oil Co</b>					
<b>Faulkton, SD</b>					
	<b>Dry bulk fertilizer custom blend 32.66-0-17.40</b>		<b>00N-02997</b>		
	Commercial Value		116.	132.78	
	Overall Index Value		101.	100	
	Total Nitrogen, %		32.46	32.66	
	Soluble Potash, %		19.06	17.4	
<b>Farmers Union Oil Company</b>					
<b>Doland, SD</b>					
	<b>Dry bulk fertilizer custom blend 28.29-11.96-12</b>		<b>00N-02761</b>		
	Commercial Value		125.	140.79	
	Overall Index Value		103.	100	
	Total Nitrogen, %		28.51	28.29	
	Available Phosphate, %		13.20	11.96	
	Soluble Potash, %		12.83	12	
<b>Farmland Industries Inc</b>					
<b>Kansas City, MO</b>					
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03529</b>		
	Commercial Value		148.	146	
	Overall Index Value		101.	100	
	Total Nitrogen, %		18.10	18	
	Available Phosphate, %		46.75	46	
<b>Farmland Industries Inc</b>					
<b>Kansas City, MO</b>					
	<b>** Dry bulk fertilizer 18-46-0</b>		<b>00N-02759</b>		
	Commercial Value		149.	146	
	Overall Index Value		102.	100	
	Total Nitrogen, %		19.97	18	
	Available Phosphate, %		44.07	46	DEFICIENT
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-02760</b>		
	Total Nitrogen, %		46.76	46	
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03530</b>		
	Total Nitrogen, %		46.57	46	
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-04666</b>		
	Total Nitrogen, %		46.44	46	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim
	<b>Dry bulk fertilizer 10-50-0</b>		<b>00N-04667</b>	
	Commercial Value		135.	130
	Overall Index Value		104.	100
	Total Nitrogen, %		10.85	10
	Available Phosphate, %		51.16	50
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-04736</b>	
	Total Nitrogen, %		46.37	46
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-04737</b>	
	Commercial Value		146.	146
	Overall Index Value		99.8	100
	Total Nitrogen, %		17.53	18
	Available Phosphate, %		46.55	46
<b>Farmland Industries Inc</b>				
<b>Watertown, SD</b>				
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03036</b>	
	Commercial Value		149.	146
	Overall Index Value		102.	100
	Total Nitrogen, %		17.97	18
	Available Phosphate, %		47.52	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03037</b>	
	Total Nitrogen, %		46.39	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03039</b>	
	Total Nitrogen, %		46.68	46
	<b>Dry bulk fertilizer 18-46-00</b>		<b>00N-03040</b>	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		17.80	18
	Available Phosphate, %		46.77	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03777</b>	
	Total Nitrogen, %		46.45	46
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03778</b>	
	Commercial Value		148.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.17	18
	Available Phosphate, %		46.68	46
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03786</b>	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		17.75	18
	Available Phosphate, %		47.10	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03787</b>	
	Total Nitrogen, %		46.51	46
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03790</b>	
	Commercial Value		147.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.06	18
	Available Phosphate, %		46.53	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03791</b>	
	Total Nitrogen, %		46.65	46
	<b>Dry bulk fertilizer 18-46-00</b>		<b>00N-03796</b>	
	Commercial Value		148.	146
	Overall Index Value		101.	100
	Total Nitrogen, %		18.02	18
	Available Phosphate, %		46.91	46
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03797</b>	
	Total Nitrogen, %		46.47	46

Manufacturer Location	Product	Analyte	Found	Claim	
	<b>Dry bulk fertilizer 18-46-0</b>		<b>00N-03799</b>		
		Commercial Value	148.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	17.86	18	
		Available Phosphate, %	47.15	46	
	<b>Dry bulk fertilizer 46-0-0</b>		<b>00N-03800</b>		
		Total Nitrogen, %	46.32	46	
	<b>** Custom blend fertilizer 35.08-17.94-0</b>		<b>00N-03955</b>		
		Commercial Value	144.	141.12	
		Overall Index Value	102.	100	
		Total Nitrogen, %	37.82	35.08	
		Available Phosphate, %	15.06	17.94	DEFICIENT
	<b>Dry bulk fertilizer 0-45-0</b>		<b>00N-09781</b>		
		Available Phosphate, %	49.84	45	
	<b>Dry bulk fertilizer potash 0-0-60</b>		<b>00N-09782</b>		
		Soluble Potash, %	59.34	60	
<b>Florence Farmers Elevator</b>					
<b>Florence, SD</b>					
	<b>Custom blend fertilizer 34.8-18.4-0</b>		<b>00N-03795</b>		
		Commercial Value	145.	141.2	
		Overall Index Value	103.	100	
		Total Nitrogen, %	34.63	34.8	
		Available Phosphate, %	20.52	18.4	
<b>Free Flow Fertilizer</b>					
<b>Maumee, OH</b>					
	<b>Sam's Choice Crabgrass Preventer 30-3-4</b>		<b>00N-01853</b>		
		Commercial Value	98.8	100	
		Overall Index Value	98.8	100	
		Total Nitrogen, %	29.49	30	
		Available Phosphate, %	2.97	3	
		Soluble Potash, %	4.34	4	
	<b>Fortify Tomato and Vegetable Food 8-10-8</b>		<b>00N-05984</b>		
		Commercial Value	52.0	52	
		Overall Index Value	100.	100	
		Total Nitrogen, %	7.76	8	
		Available Phosphate, %	10.03	10	
		Soluble Potash, %	8.69	8	
<b>Harrold Grain Company</b>					
<b>Harrold, SD</b>					
	<b>Dry bulk fertilizer 10-50-0 MAP</b>		<b>00N-04031</b>		
		Commercial Value	140.	130	
		Overall Index Value	108.	100	
		Total Nitrogen, %	11.35	10	
		Available Phosphate, %	52.97	50	
<b>Harvest Land Coop.</b>					
<b>Springfield, MN</b>					
	<b>Dry bulk fertilizer DAP 18-46-0</b>		<b>00N-03918</b>		
		Commercial Value	148.	146	
		Overall Index Value	101.	100	
		Total Nitrogen, %	18.00	18	
		Available Phosphate, %	46.90	46	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
<b>Hayti Farmers Elevator</b>					
<b>Hayti, SD</b>					
	<b>** Custom Blend Fertilizer 35.36-17.48-0</b>		<b>00N-03789</b>		
		Commercial Value	142.	141.04	
		Overall Index Value	100.	100	
		Total Nitrogen, %	33.06	35.36	DEFICIENT
		Available Phosphate, %	21.50	17.48	
<b>Hazel Farmers Elevator</b>					
<b>Hazel, SD</b>					
	<b>Custom blend fertilizer 36.2-16.1-0</b>		<b>00N-03785</b>		
		Commercial Value	150.	140.8	
		Overall Index Value	106.	100	
		Total Nitrogen, %	35.92	36.2	
		Available Phosphate, %	21.00	16.1	
<b>Helena Chemical Co.</b>					
<b>Bassett, NE</b>					
	<b>** Liquid fertilizer 8-20-4-3S</b>		<b>00N-04641</b>		
		Commercial Value	69.2	68	
		Overall Index Value	102.	100	
		Total Nitrogen, %	8.32	8	
		Available Phosphate, %	18.76	20	DEFICIENT
		Soluble Potash, %	6.60	4	
		Sulfur, %	3.41	3	
<b>Howard Johnsons Enterprises Inc</b>					
<b>Milwaukee, WI</b>					
	<b>Hardware Hank Turf Food 28-3-4</b>		<b>00N-02817</b>		
		Commercial Value	96.2	94	
		Iron, %	1.54	1	
		Overall Index Value	102.	100	
		Total Nitrogen, %	28.90	28	
		Available Phosphate, %	2.89	3	
		Soluble Potash, %	3.77	4	
		Sulfur, %	3.64	2.94	
	<b>** Hardware Hank All Purpose Fertilizer 10-10-10</b>		<b>00N-02818</b>		
		Commercial Value	53.9	60	
		Overall Index Value	89.8	100	DEFICIENT
		Total Nitrogen, %	8.69	10	DEFICIENT
		Available Phosphate, %	8.92	10	DEFICIENT
		Soluble Potash, %	10.06	10	
	<b>Hardware Hank Starter Fertilizer 12-22-14</b>		<b>00N-02819</b>		
		Commercial Value	98.0	94	
		Iron, %	2.27	1	
		Overall Index Value	104.	100	
		Total Nitrogen, %	13.34	12	
		Available Phosphate, %	21.73	22	
		Soluble Potash, %	14.55	14	
		Sulfur, %	3.99	1.47	
	<b>Garden Food 5-10-5</b>		<b>00N-06308</b>		
		Commercial Value	50.2	40	
		Overall Index Value	125.	100	
		Total Nitrogen, %	6.45	5	
		Available Phosphate, %	12.79	10	
		Soluble Potash, %	5.26	5	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim
IMC Kalium Ltd Belle Plaine, SK	Dry bulk fertilizer Potash 0-0-62		<b>00N-07378</b>	
		Soluble Potash, %	61.77	62
Ironite Products Co. Humboldt, AZ	Ironite 1-0-0		<b>00N-04534</b>	
		Calcium, %	3.14	1
		Iron, %	4.37	4.5
		Magnesium, %	1.53	1
		Total Nitrogen, %	2.65	1
		Sulfur, %	5.65	5
Jirdon Agri Chemicals Inc Morrill, NE	Vegetable Fertilizer 12-16-4		<b>00N-04533</b>	
		Commercial Value	74.5	72
		Iron, %	1.43	1
		Overall Index Value	103.	100
		Total Nitrogen, %	12.04	12
		Available Phosphate, %	16.48	16
		Soluble Potash, %	5.41	4
		Sulfur, %	13.48	10
		Zinc, %	1.88	1
	Valley Green Superior Custom Blend 28-8-10		<b>00N-04536</b>	
		Commercial Value	109.	110
		Iron, %	1.38	1
		Overall Index Value	99.4	100
		Total Nitrogen, %	27.93	28
		Available Phosphate, %	8.13	8
		Soluble Potash, %	9.55	10
		Sulfur, %	5.44	4
		Johnsons Ranchers Supply Inc Wall, SD	Liquid fertilizer UAN 28-0-0	
Total Nitrogen, %	28.06			28
Knox Fertilizer Co Inc Knox, IN	Quality Select Prem Turf Food 27-3-3		<b>00N-04512</b>	
		Commercial Value	96.6	90
		Overall Index Value	107.	100
		Total Nitrogen, %	28.05	27
		Available Phosphate, %	3.93	3
	*** Quality Select Prem Weed and Feed 25-3-3		<b>00N-04513</b>	
		Commercial Value	73.6	84
		Overall Index Value	87.6	100
		Total Nitrogen, %	21.81	25
		Available Phosphate, %	2.27	3
	*** Quality Store Inc. Fertilizer 12-12-12		<b>00N-04515</b>	
		Commercial Value	53.4	43
		Overall Index Value	74.2	100
		Total Nitrogen, %	8.06	12
		Available Phosphate, %	8.22	12
Soluble Potash, %	13.00	12		

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Manufacturer Location	Product	Analyte	Found	Claim	
	<b>Quality Select Premium Turf Food 27-3-3</b>		<b>00N-04516</b>		
		Commercial Value	100.	90	
		Overall Index Value	111.	100	
		Total Nitrogen, %	28.98	27	
		Available Phosphate, %	4.26	3	
		Soluble Potash, %	4.76	3	
<b>Land O Lakes Ag Services</b>					
<b>Volga, SD</b>					
	<b>** Custom blend fertilizer 30.78-15.18-7.8</b>		<b>00N-03930</b>		
		Commercial Value	109.	130.5	
		Overall Index Value	99.1	100	
		Total Nitrogen, %	29.21	30.78	DEFICIENT
		Available Phosphate, %	16.63	15.18	
		Soluble Potash, %	9.34	7.8	
<b>Lebanon Chemical Corp</b>					
<b>Lebanon, PA</b>					
	<b>Preen N' Green 9-17-9</b>		<b>00N-03134</b>		
		Chlorine, %	7.42	8	
		Commercial Value	78.1	70	
		Overall Index Value	112.	100	
		Total Nitrogen, %	9.80	9	
		Available Phosphate, %	19.28	17	
		Soluble Potash, %	10.15	9	
	<b>Greenview R Preen N Green R 9-17-9</b>		<b>00N-04522</b>		
		Chlorine, %	7.21	8	
		Commercial Value	80.4	70	
		Overall Index Value	115.	100	
		Total Nitrogen, %	10.56	9	
		Available Phosphate, %	19.74	17	
		Soluble Potash, %	9.24	9	
<b>Midwest Cooperatives</b>					
<b>Onida, SD</b>					
	<b>** Custom blend liquid fertilizer 26.5-8.5-0</b>		<b>00N-04045</b>		
		Commercial Value	97.2	96.5	
		Overall Index Value	101.	100	
		Total Nitrogen, %	30.26	26.5	
		Available Phosphate, %	3.24	8.5	DEFICIENT
	<b>Dry bulk fertilizer MAP 11-52-0</b>		<b>00N-04047</b>		
		Commercial Value	139.	137	
		Overall Index Value	102.	100	
		Total Nitrogen, %	11.05	11	
		Available Phosphate, %	52.96	52	
<b>Midwest Cooperatives</b>					
<b>Pierre, SD</b>					
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-03212</b>		
		Total Nitrogen, %	46.40	46	
	<b>Dry bulk fertilizer MAP 11-52-0</b>		<b>00N-03213</b>		
		Commercial Value	138.	137	
		Overall Index Value	101.	100	
		Total Nitrogen, %	10.94	11	
		Available Phosphate, %	52.75	52	
	<b>** Custom blend fertilizer 27.45-27.56-0</b>		<b>00N-03214</b>		
		Commercial Value	139.	137.47	
		Overall Index Value	101.	100	
		Total Nitrogen, %	29.89	27.45	
		Available Phosphate, %	24.82	27.56	DEFICIENT

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
	<b>** Liquid custom blend fertilizer 17.38-20.06-0</b>		<b>00N-04040</b>		
		Commercial Value	90.7	92.26	
		Overall Index Value	98.3	100	
		Total Nitrogen, %	19.44	17.38	
		Available Phosphate, %	16.16	20.06	DEFICIENT
	<b>Liquid fertilizer 10-34-0</b>		<b>00N-04043</b>		
		Commercial Value	97.6	98	
		Overall Index Value	99.6	100	
		Total Nitrogen, %	10.30	10	
		Available Phosphate, %	33.35	34	
<b>Midwest Valley Chemical</b>					
<b>Well Lake, IA</b>					
	<b>Dry bulk fertilizer sulfur 0-0-0-90</b>		<b>00N-03921</b>		
		Sulfur, %	90.90	90	
<b>Miracle-Gro Lawn Products Inc</b>					
<b>Port Washington, NY</b>					
	<b>Miracle-Gro Potting Mix</b>		<b>00N-03872</b>		
		Total Nitrogen, %	1.96	0.14	
		Available Phosphate, %	0.41	0.14	
		Soluble Potash, %	0.58	0.14	
	<b>Miracle-Gro Weed and Feed</b>		<b>00N-07352</b>		
		Commercial Value	96.6	93	
		Overall Index Value	104.	100	
		Total Nitrogen, %	28.06	27	
		Available Phosphate, %	3.05	3	
		Soluble Potash, %	6.37	6	
		Sulfur, %	2.78	3	
<b>Northern Plains Coop</b>					
<b>Eureka, SD</b>					
	<b>Custom blend fertilizer 36.2-16.1-0</b>		<b>00N-04731</b>		
		Commercial Value	141.	140.8	
		Overall Index Value	100.	100	
		Total Nitrogen, %	35.74	36.2	
		Available Phosphate, %	17.11	16.1	
<b>Nutra-Flo Company</b>					
<b>Sioux City, IA</b>					
	<b>** Liquid fertilizer 10-0-0-10 Zinc</b>		<b>00N-04638</b>		
		Total Nitrogen, %	11.08	10	
		Zinc, %	8.27	10	DEFICIENT
	<b>Liquid fertilizer 12-0-0-26 ATS</b>		<b>00N-04639</b>		
		Total Nitrogen, %	12.58	12	
		Sulfur, %	26.02	26	
<b>PCS Sales Inc.</b>					
<b>Saskatoon, Saskatche, CN</b>					
	<b>Dry bulk fertilizer potash 0-0-60</b>		<b>00N-03914</b>		
		Soluble Potash, %	60.37	60	
	<b>Dry bulk fertilizer potash 0-0-60</b>		<b>00N-04046</b>		
		Soluble Potash, %	59.51	60	
<b>PCS Sales Inc.</b>					
<b>Rocanville, SK</b>					
	<b>Dry bulk fertilizer potash 0-0-60</b>		<b>00N-02999</b>		
		Soluble Potash, %	58.72	60	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
<b>Pursell Industries Inc</b>					
<b>Sylacauga, AL</b>					
	<b>**</b>	<b>Holland Bulb Booster Fertilizer 9-9-6</b>	<b>00N-00655</b>		
		Chlorine, %	1.68	4.8	DEFICIENT
		Commercial Value, %	23.0	51	
		Overall Index Value, %	44.9	100	DEFICIENT
		Total Nitrogen, %	7.66	9	DEFICIENT
		Available Phosphate, %	6.81	9	DEFICIENT
		Soluble Potash, %	4.49	6	DEFICIENT
		<b>Starter Fert 20-27-5</b>	<b>00N-03780</b>		
		Commercial Value	126.	119	
		Overall Index Value	106.	100	
		Total Nitrogen, %	21.87	20	
		Available Phosphate, %	27.37	27	
		Soluble Potash, %	5.86	5	
	<b>**</b>	<b>K Gro Weed and Feed Premium 28-3-3</b>	<b>00N-04494</b>		
		Commercial Value	98.5	93	
		Overall Index Value	106.	100	
		Total Nitrogen, %	30.40	28	
		Available Phosphate, %	2.13	3	DEFICIENT
		Soluble Potash, %	2.98	3	
		<b>Ace Premium Lawn Fert 35-2-4</b>	<b>00N-05981</b>		
		Commercial Value	119.	113	
		Overall Index Value	105.	100	
		Total Nitrogen, %	35.78	35	
		Available Phosphate, %	3.58	2	
		Soluble Potash, %	4.39	4	
		<b>Holland Bulb Booster 9-9-6</b>	<b>00N-05987</b>		
		Commercial Value	54.6	51	
		Overall Index Value	107.	100	
		Total Nitrogen, %	9.46	9	
		Available Phosphate, %	9.60	9	
		Soluble Potash, %	6.97	6	
		<b>Ace Premium Lawn Fertilizer 35-2-4</b>	<b>00N-07351</b>		
		Commercial Value	113.	113	
		Overall Index Value	100.	100	
		Total Nitrogen, %	34.97	35	
		Available Phosphate, %	2.14	2	
		Soluble Potash, %	4.00	4	
		<b>Country Cottage Premium Weed and Feed 29-2-4</b>	<b>00N-09842</b>		
		Commercial Value	102.	95	
		Overall Index Value	107.	100	
		Total Nitrogen, %	30.92	29	
		Available Phosphate, %	2.62	2	
		Soluble Potash, %	3.61	4	
<b>Rapid Gro Products</b>					
<b>San Francisco, CA</b>					
		<b>Rapid Gro Plant Food 23-19-17</b>	<b>00N-08386</b>		
		Commercial Value	126.	124	
		Overall Index Value	102.	100	
		Total Nitrogen, %	23.04	23	
		Available Phosphate, %	19.79	19	
		Soluble Potash, %	17.43	17	

\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
<b>Richlawn Turf Food Inc</b>					
Platteville, CO					
	<b>All Purpose Plant Food</b>		<b>00N-09841</b>		
		Commercial Value	44.0	40	
		Overall Index Value	110.	100	
		Total Nitrogen, %	4.92	5	
		Available Phosphate, %	10.12	10	
		Soluble Potash, %	9.05	5	
<b>Ross Daniels/Weatherly Consumer Prod</b>					
Lexington, KY					
	<b>Ross Tree and Schrubbs Fert Stakes 16-10-9</b>		<b>00N-08387</b>		
		Chlorine, %	7.15	9	
		Commercial Value	81.5	77	
		Overall Index Value	106.	100	
		Total Nitrogen, %	16.52	16	
		Available Phosphate, %	11.25	10	
		Soluble Potash, %	9.48	9	
<b>Royster-Clark</b>					
Madison, WI					
	<b>** Dry bulk fertilizer 5-5-5</b>		<b>00N-04615</b>		
		Commercial Value	34.2	30	
		Overall Index Value	114.	100	
		Total Nitrogen, %	3.88	5	DEFICIENT
		Available Phosphate, %	8.62	5	
		Soluble Potash, %	5.65	5	
<b>Saskferco</b>					
Belle Plaine, Sask., CN					
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-04976</b>		
		Total Nitrogen, %	46.35	46	
	<b>Dry bulk fertilizer urea 46-0-0</b>		<b>00N-05801</b>		
		Total Nitrogen, %	46.31	46	
<b>Schultz Co</b>					
Bridgeton, MO					
	<b>Schultz All Purpose Plant Food 20-30-20</b>		<b>00N-03865</b>		
		Commercial Value	142.	140	
		Overall Index Value	101.	100	
		Total Nitrogen, %	19.56	20	
		Available Phosphate, %	32.02	30	
		Soluble Potash, %	19.35	20	
	<b>Schultz Export Plant Food 20-30-20</b>		<b>00N-04954</b>		
		Commercial Value	140.	140	
		Overall Index Value	99.9	100	
		Total Nitrogen, %	19.42	20	
		Available Phosphate, %	31.06	30	
		Soluble Potash, %	19.51	20	
	<b>** Bloom Plus Water Soluble Plant Food 10-60-10</b>		<b>00N-06269</b>		
		Commercial Value	156.	160	
		Overall Index Value	97.4	100	DEFICIENT
		Total Nitrogen, %	9.81	10	
		Available Phosphate, %	58.33	60	DEFICIENT
		Soluble Potash, %	10.43	10	

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Manufacturer Location	Product	Analyte	Found	Claim	
<b>Schultz Company</b>					
<b>St. Louis, MO</b>					
	<b>Schultz Plant Food Plus 10-15-10</b>		<b>00N-03126</b>		
	Commercial Value		80.5	70	
	Overall Index Value		115.	100	
	Total Nitrogen, %		11.25	10	
	Available Phosphate, %		18.34	15	
	Soluble Potash, %		10.11	10	
	<b>** Schultz 10-15-10 Plant Food Plus</b>		<b>00N-03511</b>		
	Commercial Value		79.7	70	
	Overall Index Value		114.	100	
	Total Nitrogen, %		8.12	10	DEFICIENT
	Available Phosphate, %		23.69	15	
	Soluble Potash, %		8.07	10	DEFICIENT
	<b>Schultz African Violet Plus 8-14-9</b>		<b>00N-05419</b>		
	Commercial Value		62.2	61	
	Overall Index Value		102.	100	
	Total Nitrogen, %		7.95	8	
	Available Phosphate, %		14.53	14	
	Soluble Potash, %		9.29	9	
	<b>Schultz Cactus Plus Plant Food 2-7-7</b>		<b>00N-05420</b>		
	Commercial Value		31.9	27	
	Overall Index Value		118.	100	
	Total Nitrogen, %		2.78	2	
	Available Phosphate, %		7.79	7	
	Soluble Potash, %		7.94	7	
	<b>Schultz Professional Potting Soil Plus .08-.12-.08</b>		<b>00N-05451</b>		
	Commercial Value		1.9	0.56	
	Overall Index Value		336.	100	
	Total Nitrogen, %		0.43	0.08	
	Available Phosphate, %		0.15	0.12	
	Soluble Potash, %		0.28	0.08	
<b>Scotts Company</b>					
<b>Marysville, OH</b>					
	<b>Osmocote</b>		<b>00N-00656</b>		
	Commercial Value, %		71.9	78	
	Overall Index Value, %		92.2	100	DEFICIENT
	Total Nitrogen, %		19.63	18	
	Available Phosphate, %		6.51	6	
	Soluble Potash, %		12.78	12	
	<b>Scotts Starter 20-27-5</b>		<b>00N-01855</b>		
	Commercial Value		126.	119	
	Overall Index Value		106.	100	
	Total Nitrogen, %		21.68	20	
	Available Phosphate, %		27.88	27	
	Soluble Potash, %		5.19	5	
	<b>Scotts Turf Builder 30-3-4</b>		<b>00N-03130</b>		
	Commercial Value		104.	100	
	Overall Index Value		104.	100	
	Total Nitrogen, %		31.00	30	
	Available Phosphate, %		3.41	3	
	Soluble Potash, %		4.57	4	
	Sulfur, %		8.45	8.5	

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Manufacturer Location	Product	Analyte	Found	Claim
	<b>Scotts Super Turf Builder Lawn Fertilizer 30-3-3</b>		<b>00N-03506</b>	
		Commercial Value	101.	99
		Overall Index Value	102.	100
		Total Nitrogen, %	30.45	30
		Available Phosphate, %	3.26	3
		Soluble Potash, %	3.60	3
	<b>Scotts Turf Builder 29-3-4</b>		<b>00N-03871</b>	
		Commercial Value	101.	97
		Overall Index Value	104.	100
		Total Nitrogen, %	29.86	29
		Available Phosphate, %	3.59	3
		Soluble Potash, %	4.08	4
		Sulfur, %	8.70	6
	<b>Scotts Evergreen, Shrub, and Tree Food 31-3-10</b>		<b>00N-04493</b>	
		Commercial Value	108.	109
		Overall Index Value	99.5	100
		Total Nitrogen, %	30.41	31
		Available Phosphate, %	2.90	3
		Soluble Potash, %	11.43	10
	<b>Scotts Turf Builder with Plus Two Weed Control</b>		<b>00N-04619</b>	
		Commercial Value	93.3	93
		Overall Index Value	100.	100
		Total Nitrogen, %	28.56	28
		Available Phosphate, %	2.46	3
		Soluble Potash, %	2.64	3
	<b>Vegetable and Bedding Plant Food 14-14-14</b>		<b>00N-04939</b>	
		Commercial Value	86.8	84
		Overall Index Value	103.	100
		Total Nitrogen, %	14.37	14
		Available Phosphate, %	14.86	14
		Soluble Potash, %	13.99	14
	<b>Scotts All Purpose Plant Food 18-9-18</b>		<b>00N-05985</b>	
		Commercial Value	94.5	90
		Overall Index Value	105.	100
		Total Nitrogen, %	19.11	18
		Available Phosphate, %	8.93	9
		Soluble Potash, %	19.35	18
		Sulfur, %	8.22	6.7
	<b>Osmocote Outdoor and Indoor Plant Food 18-6-12</b>		<b>00N-06270</b>	
		Commercial Value	83.6	78
		Overall Index Value	107.	100
		Total Nitrogen, %	19.10	18
		Available Phosphate, %	6.78	6
		Soluble Potash, %	12.77	12
	<b>Scotts Super Turf Builder 30-3-3</b>		<b>00N-07353</b>	
		Commercial Value	99.8	99
		Iron, %	2.37	1.8
		Overall Index Value	101.	100
		Total Nitrogen, %	29.77	30
		Available Phosphate, %	3.53	3
		Soluble Potash, %	3.38	3
		Sulfur, %	7.05	4.5
	<b>Scotts II Turf Bldr W/ +2 Weed Control</b>		<b>00N-07354</b>	
		Commercial Value	95.0	96
		Overall Index Value	98.9	100
		Total Nitrogen, %	28.30	29
		Available Phosphate, %	3.39	3
		Soluble Potash, %	3.30	3

Manufacturer Location	Product	Analyte	Found	Claim
Scotts Lawn Pro	Step 4 Fertilizer 31-3-10		<b>00N-10621</b>	
		Commercial Value	111.	109
		Iron, %	1.21	1
		Overall Index Value	102.	100
		Total Nitrogen, %	31.49	31
		Available Phosphate, %	3.38	3
		Soluble Potash, %	9.92	10
Scotts Miracle-Gro Prod Inc Port Washington, NY	Miracle-Gro 15-30-15		<b>00N-03129</b>	
		Chlorine, %	12.22	12.5
		Commercial Value	129.	120
		Overall Index Value	108.	100
		Total Nitrogen, %	15.48	15
		Available Phosphate, %	33.88	30
		Soluble Potash, %	15.01	15
Miracle-Gro Quick Start 4-12-4			<b>00N-03131</b>	
		Commercial Value	44.6	40
		Overall Index Value	112.	100
		Total Nitrogen, %	4.61	4
		Available Phosphate, %	13.02	12
		Soluble Potash, %	4.73	4
Miracle-Gro for Tomatoes 18-18-21			<b>00N-03818</b>	
		Commercial Value	116.	111
		Overall Index Value	104.	100
		Total Nitrogen, %	18.13	18
		Available Phosphate, %	19.72	18
		Soluble Potash, %	21.77	21
Miracle-Gro for Roses 18-24-16			<b>00N-03948</b>	
		Commercial Value	127.	118
		Overall Index Value	107.	100
		Total Nitrogen, %	18.87	18
		Available Phosphate, %	25.81	24
		Soluble Potash, %	18.60	16
Miracle-Gro Tree and Shrub Fertilizer Spikes 15-10-9			<b>00N-04523</b>	
		Commercial Value	76.3	74
		Overall Index Value	103.	100
		Total Nitrogen, %	15.34	15
		Available Phosphate, %	10.12	10
		Soluble Potash, %	10.04	9
** Miracle-Gro 15-30-15			<b>00N-04938</b>	
		Commercial Value	127.	120
		Overall Index Value	106.	100
		Total Nitrogen, %	14.96	15
		Available Phosphate, %	33.98	30
		Soluble Potash, %	13.95	15
Miracle-Gro House Plant Food			<b>00N-05698</b>	
		Commercial Value	48.1	78
		Overall Index Value	109.	100
		Total Nitrogen, %	8.84	8
		Available Phosphate, %	7.68	7
		Soluble Potash, %	6.18	6

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\*\* = Misbranded

Manufacturer Location	Product	Analyte	Found	Claim	
	<b>Miracle Grow Plant Food 15-30-15</b>		<b>00N-05982</b>		
		Commercial Value	123.	120	
		Overall Index Value	103.	100	
		Total Nitrogen, %	15.06	15	
		Available Phosphate, %	31.23	30	
		Soluble Potash, %	15.43	15	
	<b>Miracle Gro Plant Spikes</b>		<b>00N-08490</b>		
		Commercial Value	50.4	48	
		Overall Index Value	105.	100	
		Total Nitrogen, %	6.15	6	
		Available Phosphate, %	12.87	12	
		Soluble Potash, %	6.26	6	
	<b>Miracle Grow All Purpose Water Soluble Plant Food</b>		<b>00N-09758</b>		
		Commercial Value	125.	120	
		Overall Index Value	104.	100	
		Total Nitrogen, %	15.07	15	
		Available Phosphate, %	31.99	30	
		Soluble Potash, %	15.73	15	
	<b>Miracid 30-10-10</b>		<b>01N-00028</b>		
		Chlorine, %	5.90	7	
		Commercial Value	129.	120	
		Overall Index Value	108.	100	
		Total Nitrogen, %	31.90	30	
		Available Phosphate, %	11.70	10	
		Soluble Potash, %	10.07	10	
	<b>Miracle Grow Lawn Food 36-6-6</b>		<b>01N-00029</b>		
		Commercial Value	139.	126	
		Overall Index Value	111.	100	
		Total Nitrogen, %	39.49	36	
		Available Phosphate, %	5.94	6	
		Soluble Potash, %	8.90	6	
<b>Scrypton Systems Inc</b>					
<b>Annapolis, MD</b>					
	<b>Ocean Gro Plant Food 4-4-4</b>		<b>00N-10624</b>		
		Commercial Value	28.4	24	
		Overall Index Value	118.	100	
		Total Nitrogen, %	4.08	4	
		Available Phosphate, %	5.67	4	
		Soluble Potash, %	4.82	4	
<b>SD Wheat Growers Assn</b>					
<b>Aberdeen, SD</b>					
	<b>** Liquid fertilizer 10-34-0 Straight</b>		<b>00N-04664</b>		
		Commercial Value	94.8	98	
		Overall Index Value	96.7	100	DEFICIENT
		Total Nitrogen, %	9.91	10	
		Available Phosphate, %	32.42	34	DEFICIENT
	<b>Liquid fertilizer 28-0-0 straight</b>		<b>00N-04668</b>		
		Total Nitrogen, %	28.17	28	
	<b>** Liquid fertilizer 10-34-0 straight</b>		<b>00N-04669</b>		
		Commercial Value	97.2	98	
		Overall Index Value	99.2	100	
		Total Nitrogen, %	11.01	10	
		Available Phosphate, %	32.00	34	DEFICIENT

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Manufacturer Location	Product	Analyte	Found	Claim	
	<b>Custom blend fertilizer 34.8-18.4-0</b>		<b>00N-04738</b>		
		Commercial Value	142.	141.2	
		Overall Index Value	101.	100	
		Total Nitrogen, %	34.51	34.8	
		Available Phosphate, %	19.21	18.4	
<b>SD Wheat Growers Assn</b>					
<b>Huron, SD</b>					
	<b>** Liquid fertilizer 10-34-0</b>		<b>00N-05405</b>		
		Commercial Value	92.2	98	
		Overall Index Value	94.2	100	DEFICIENT
		Total Nitrogen, %	19.08	10	
		Available Phosphate, %	17.51	34	DEFICIENT
	<b>Liquid fertilizer</b>		<b>00N-08083</b>		
		Commercial Value	99.6	98	
		Overall Index Value	102.	100	
		Total Nitrogen, %	10.26	10	
		Available Phosphate, %	34.41	34	
<b>SD Wheat Growers Assn</b>					
<b>Mellette, SD</b>					
	<b>** Dry bulk fertilizer custom blend 29.48-27.14-0</b>		<b>00N-02758</b>		
		Commercial Value	144.	142.72	
		Overall Index Value	101.	100	
		Total Nitrogen, %	38.37	29.48	
		Available Phosphate, %	14.36	27.14	DEFICIENT
<b>Sinai Coop Elevator</b>					
<b>Sinai, SD</b>					
	<b>Custom mix fertilizer 0-26.99-24.02</b>		<b>00N-09780</b>		
		Commercial Value	79.3	51.01	
		Overall Index Value	102.	100	
		Available Phosphate, %	26.94	26.99	
		Soluble Potash, %	25.43	24.02	
<b>Soda Springs Phosphate</b>					
<b>Soda Springs, ID</b>					
	<b>Dry bulk fertilizer 0-3-0</b>		<b>00N-04614</b>		
		Available Phosphate, %	4.43	3	
<b>Solaris Group</b>					
<b>San Ramon, CA</b>					
	<b>Ortho Yard Basics AP Plant Fertilizer 8-8-8</b>		<b>00N-03503</b>		
		Commercial Value	51.3	48	
		Overall Index Value	107.	100	
		Total Nitrogen, %	8.52	8	
		Available Phosphate, %	8.64	8	
		Soluble Potash, %	8.48	8	
<b>Spectrum Group-Div of United Industries</b>					
<b>St. Louis, MO</b>					
	<b>Peters Specialties Orchid Food 30-10-10</b>		<b>00N-09840</b>		
		Commercial Value	124.	120	
		Overall Index Value	103.	100	
		Total Nitrogen, %	31.39	30	
		Available Phosphate, %	9.39	10	
		Soluble Potash, %	10.79	10	

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Manufacturer Location	Product	Analyte	Found	Claim
<b>Storla Coop</b>				
<b>Letcher, SD</b>				
	<b>Custom blend fertilizer 25-31.2-0</b>		<b>00N-03467</b>	
	Commercial Value		140.	137.4
	Overall Index Value		102.	100
	Total Nitrogen, %		26.03	25
	Available Phosphate, %		31.19	31.2
<b>Tilbury Grain and Trucking Ltd.</b>				
<b>Melte Manitoba, CN</b>				
	<b>Dry bulk fertilizer potash 0-0-60</b>		<b>00N-03919</b>	
	Soluble Potash, %		59.10	60
<b>TruServ Corporation</b>				
<b>Chicago, IL</b>				
	<b>Green Thumb Premium Weed and Feed Lawn Feed 28-3-3</b>		<b>00N-03505</b>	
	Commercial Value		98.6	93
	Overall Index Value		106.	100
	Total Nitrogen, %		29.20	28
	Available Phosphate, %		3.43	3
	Soluble Potash, %		4.14	3
	<b>Green Thumb Bone Meal 4-12-0</b>		<b>00N-05983</b>	
	Commercial Value		43.6	36
	Overall Index Value		121.	100
	Total Nitrogen, %		6.16	4
	Available Phosphate, %		12.55	12
	<b>Green Thumb Summerized Lawn Fert 15-2-3</b>		<b>00N-08494</b>	
	Commercial Value		59.2	52
	Overall Index Value		114.	100
	Total Nitrogen, %		17.20	15
	Available Phosphate, %		2.24	2
	Soluble Potash, %		3.15	3
<b>United Horticultural Supply</b>				
<b>Fremont, NE</b>				
	<b>Duragro Vegetable Flower Garden Fertilizer 6-12-12</b>		<b>00N-03947</b>	
	Commercial Value		85.3	54
	Overall Index Value		158.	100
	Total Nitrogen, %		10.57	6
	Available Phosphate, %		19.76	12
	Soluble Potash, %		14.05	12
<b>United Suppliers Inc.</b>				
<b>Eldora, IA</b>				
	<b>Dry bulk fertilizer Urea 46-0-0</b>		<b>00N-04036</b>	
	Total Nitrogen, %		46.48	46
<b>Voluntary Purchasing Groups</b>				
<b>Bonham, TX</b>				
	<b>*** Dutch Bulb Food 7-8-5</b>		<b>00N-04529</b>	
	Chlorine, %		1.78	5
	Commercial Value		50.0	42
	Overall Index Value		119.	100
	Total Nitrogen, %		8.09	7
	Available Phosphate, %		10.62	8
	Soluble Potash, %		4.57	5

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Manufacturer Location	Product	Analyte	Found	Claim	
	<b>Geranium, Hanging Basket and Pansy 'Fertilome' 20-20-20</b>		<b>00N-04530</b>		
		Commercial Value	122.	120	
		Overall Index Value	102.	100	
		Total Nitrogen, %	19.72	20	
		Available Phosphate, %	21.00	20	
		Soluble Potash, %	20.84	20	
	<b>Natural Guard Granular Natural Fertilizer 9-4-4</b>		<b>00N-04545</b>		
		Commercial Value	43.6	39	
		Overall Index Value	112.	100	
		Total Nitrogen, %	8.80	9	
		Available Phosphate, %	5.87	4	
		Soluble Potash, %	5.51	4	
<b>Wallace Farmers Elevator Wallace, SD</b>					
	<b>*** Custom blend fertilizer 27.88-20.7-7.2</b>		<b>00N-03798</b>		
		Commercial Value	86.3	132.24	
		Overall Index Value	65.3	100	DEFICIENT
		Total Nitrogen, %	26.69	27.88	DEFICIENT
		Available Phosphate, %	23.25	20.7	
		Soluble Potash, %	6.87	7.2	
<b>Watertown Coop Elevator Watertown, SD</b>					
	<b>Custom blend fertilizer 34.8-18.4-0</b>		<b>00N-03792</b>		
		Commercial Value	142.	141.2	
		Overall Index Value	100.	100	
		Total Nitrogen, %	34.42	34.8	
		Available Phosphate, %	19.20	18.4	
<b>Watertown Coop Elevator-Bruce Branch Bruce, SD</b>					
	<b>*** Custom blend fertilizer 36.6-12.42-2.4</b>		<b>00N-03684</b>		
		Commercial Value	140.	137.04	
		Overall Index Value	102.	100	
		Total Nitrogen, %	34.94	36.6	DEFICIENT
		Available Phosphate, %	15.60	12.42	
		Soluble Potash, %	3.28	2.4	
<b>Weatherly Consumer Products Lexington, KY</b>					
	<b>Jobes Plant Food Spikes</b>		<b>00N-08489</b>		
		Commercial Value	61.3	54	
		Overall Index Value	114.	100	
		Total Nitrogen, %	11.38	10	
		Available Phosphate, %	10.83	10	
		Soluble Potash, %	5.54	4	
<b>Western Consolidated Coop Appleton, MN</b>					
	<b>Liquid fertilizer 10-34-0</b>		<b>00N-03953</b>		
		Commercial Value	97.8	98	
		Overall Index Value	99.8	100	
		Total Nitrogen, %	10.17	10	
		Available Phosphate, %	33.63	34	

\*\*\* = Misbranded

# Sample Count Report

Fertilizers Sampled From 01/01/2000 To 12/31/2000

08-Mar-01

Manufacturer and Location			Sample	Passed	Not
Agriliance, LLC	St. Paul	MN	3	3	0
Agrium	Denver	CO	2	2	0
Agrium Conda Phosphate Operations	Soda Springs	ID	1	1	0
AH Hoffman Inc	Landisville	PA	4	4	0
Aim Lawn & Garden Products	Avon Lake	OH	2	1	1
Alaska Fish Fertilizer	Renton	WA	1	1	0
Alljack	St. Louis	MO	1	1	0
American MicroTrace Corp	Houston	TX	1	1	0
Andersons (The) Lawn Fert Div	Maumee	OH	1	1	0
Badger Farmers Coop	Badger	SD	1	0	1
BCA Products	Sleepy Eye	MN	1	0	1
Calcium Products Inc.	Gilmore City	IA	1	1	0
Cargill Inc Fert Division	Minneapolis	MN	1	1	0
Castlewood Farmers Elevator	Castlewood	SD	1	0	1
Cenex	Highmore	SD	1	1	0
Cenex Farmers Union Oil	Bridgewater	SD	1	0	1
Cenex Harvest States	St. Paul	MN	1	1	0
Cenex/Land O Lakes	St. Paul	MN	26	25	1
Cenex/Land O Lakes Ag Services	Bismarck	ND	2	2	0
Centennial Ag Supply Company	Kersey	CO	1	1	0
CF Industries Inc	Long Grove	IL	5	5	0
Coastal Chemical Inc	Cheyenne	WY	3	3	0
ConAgra Fertilizer Corp	Shakopee	MN	2	2	0
Cone Ag Service	Pierre	SD	1	1	0
Cooperative Agronomy Services	Groton	SD	1	1	0
Country Partners Cooperative	Sisseton	SD	1	1	0
Dakota Ag Coop	Miller	SD	1	0	1
Dakota Crawlers	Hettinger	ND	1	1	0
Dakota Gasification Company	Englewood	CO	1	1	0
Dakota Mill and Grain	Midland	SD	2	2	0
Dakota Plains Ag Center LLC	Scotland	SD	1	1	0
Dell Rapids Coop Grain	Dell Rapids	SD	1	0	1
Domestic Fertilizer Inc	Paris	KY	2	2	0
Easy Gardener	Waco	TX	6	5	1
Eau Claire Coop Oil Company	Eau Claire	WI	2	1	1
Estelline Coop Grain	Estelline	SD	1	1	0
Farmers and Merchants Coop Oil Co.	Madison	SD	1	1	0
Farmers Coop Assn	Ethan	SD	1	1	0
Farmers Coop Company	Brookings	SD	1	0	1

<b>Manufacturer and Location</b>			<b>Sample</b>	<b>Passed</b>	<b>Not</b>
Farmers Plant Food Inc	Garretson	SD	3	2	1
Farmers Plant Food Inc	Wolsey	SD	5	3	2
Farmers Union	Faulkton	SD	1	1	0
Farmers Union Oil Company	Doland	SD	1	1	0
Farmland Industries	Kansas City	MO	1	1	0
Farmland Industries Inc	Kansas City	MO	7	6	1
Farmland Industries Inc	Watertown	SD	17	16	1
Florence Farmers Elevator	Florence	SD	1	1	0
Free Flow Fertilizer	Maumee	OH	2	2	0
Harrold Grain Company	Harrold	SD	1	1	0
Harvest Land Coop.	Springfield	MN	1	1	0
Hayti Farmers Elevator	Hayti	SD	1	0	1
Hazel Farmers Elevator	Hazel	SD	1	1	0
Helana Chemical Co.	Bassett	NE	1	0	1
Howard Johnsons Enterprises Inc	Milwaukee	WI	4	3	1
Hyponex Corporation	Marysville	OH	1	1	0
IMC Kalium Ltd	Belle Plaine	SK	1	1	0
Ironite Products Co.	Humboldt	AZ	1	1	0
Jirdon Agri Chemicals Inc	Morrill	NE	2	2	0
Johnsons Ranchers Supply Inc	Wall	SD	1	1	0
Knox Fertilizer Co Inc	Knox	IN	4	2	2
Land O Lakes Ag Services	Volga	SD	1	0	1
Lebanon Chemical Corp	Lebanon	PA	2	2	0
Midwest Cooperatives	Onida	SD	2	1	1
Midwest Cooperatives	Pierre	SD	5	3	2
Midwest Valley Chemical	Well Lake	IA	1	1	0
Miracle Gro Lawn Products	Port	NY	2	2	0
	Washington				
Northern Plains Coop	Eureka	SD	1	1	0
Nutra-Flo Company	Sioux City	IA	2	1	1
PCS Sales	Saskatoon,	CN	2	2	0
PCS Sales Inc.	Rocanville	SK	1	1	0
Pursell Industries Inc	Sylacauga	AL	7	5	2
Rapid Gro Products	San Francisco	CA	1	1	0
Richlawn Turf Food Inc	Platteville	CO	1	1	0
Ross Daniels/Weatherly Consumer Prod	Lexington	KY	1	1	0
Royster-Clark	Madison	WI	1	0	1
Saskferco	Belle Plaine, Sask.	CN	2	2	0
Schultz Co	Bridgeton	MO	3	2	1
Schultz Company	St. Louis	MO	5	4	1
Scotts Company	Marysville	OH	13	13	0
Scotts Miracle-Grow	Port	NY	12	11	1
	Washington				
Scrypton Systems Inc	Annapolis	MD	1	1	0
SD Wheatgrowers Assn	Aberdeen	SD	4	2	2
SD Wheatgrowers Assn	Huron	SD	2	1	1

Manufacturer and Location			Sample	Passed	Not
SD Wheatgrowers Assn	Mellette	SD	1	0	1
Sinai Coop Elevator	Sinai	SD	1	1	0
Soda Springs Phosphate	Soda Springs	ID	1	1	0
Solaris Group	San Ramon	CA	1	1	0
Spectrum Group-Div of United Industries	St. Louis	MO	1	1	0
Storla Coop	Letcher	SD	1	1	0
Tilbury Grain and Trucking Ltd.	Melte Manitoba	CN	1	1	0
Truserv Corporation	Chicago	IL	3	3	0
United Horticultural Supply	Fremont	NE	1	1	0
United Suppliers Inc.	Eldora	IA	1	1	0
Voluntary Purchasing Groups	Bonham	TX	3	2	1
Wallace Farmers Elevator	Wallace	SD	1	0	1
Watertown Coop Elevator	Watertown	SD	1	1	0
Watertown Coop Elevator-Bruce Branch	Bruce	SD	1	0	1
Weatherly Consumer Products	Lexington	KY	1	1	0
Western Consolidated Coop	Appleton	MN	1	1	0
<b>Totals:</b>			240	199	41

**Percent Passed:** 82.9%

**Percent Not** 17.1%

## Regulatory Analyte Totals

Fertilizers Samples	nme_name	Units	Received From 01/01/2000 To 12/31/2000
<b>Ammonia Nitrogen</b>	ammoni_w	mg/L (ppm)	2
<b>Calcium</b>	fert_ca	%	5
<b>Chlorine</b>	fert_cl	%	14
<b>Commercial Value</b>	fert_com		167
<b>Iron</b>	fert_fe	%	8
<b>Overall Index Value</b>	fert_idx		167
<b>Magnesium</b>	fert_mg	%	3
<b>Total Nitrogen</b>	fert_nit	%	221
<b>Available Phosphate</b>	fert_phs	%	169
<b>Soluble Potash</b>	fert_pot	%	113
<b>Sulfur</b>	fert_sul	%	21
<b>Zinc</b>	fert_zn	%	3
<b>Nitrate Nitrogen</b>	nitrat_w	mg/L (ppm)	2
<b>Total Nitrogen</b>	nitrog_w	mg/L (ppm)	2
<b>Phosphorous</b>	phosph_w	mg/L (ppm)	2
<b>Potassium</b>	potas_w	mg/L (ppm)	2