

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

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TO

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FERTILIZER PROGRAM

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2006 COMMERCIAL FERTILIZER ANNUAL REPORT

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

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

SECTION A: SAMPLE COUNT REPORT

SECTION B: SAMPLE REPORT SUMMARY

SECTION C: REGULATORY ANALYTE TOTALS

SECTION D: FERTILIZER TONNAGE SUMMARY

SECTION A:

SAMPLE

COUNT

REPORT

Sample Count by Manufacturer

Fertilizers Sampled from 1/1/2006 to 12/31/2006

| Manufacturer and Location | | | Samples | Passed | Not |
|----------------------------------|--------------|----|---------|--------|-----|
| 4 Seasons Coop | Hecla | SD | 1 | 1 | 0 |
| Ace Hardware | Oakbrook | IL | 1 | 1 | 0 |
| ADM Benson Quinn | Minneapolis | MN | 1 | 1 | 0 |
| Agland Coop | Ethan | SD | 4 | 4 | 0 |
| Agriliance | Aberdeen | SD | 1 | 1 | 0 |
| Agriliance | Muscatine | IA | 2 | 2 | 0 |
| Agriliance | St. Paul | MN | 20 | 20 | 0 |
| Agriliance | Worthing | SD | 1 | 1 | 0 |
| Agriliance LLC | Minneapolis | MN | 3 | 2 | 1 |
| Agriliance LLC | Watertown | SD | 6 | 5 | 1 |
| Agriliance, LLC | Alexandria | SD | 4 | 4 | 0 |
| Agrium U.S., Inc | Denver | CO | 6 | 6 | 0 |
| American Plant Food | Galena Park | TX | 1 | 1 | 0 |
| Arlington Farmers Elevator | Arlington | SD | 4 | 4 | 0 |
| Baltzell Ag Products | Omaha | NE | 1 | 1 | 0 |
| Bay Zinc Company Inc. | Moxee | WA | 2 | 2 | 0 |
| BCA Products | Sleepy Eye | MN | 2 | 2 | 0 |
| Big Green Inc | Mitchell | SD | 5 | 5 | 0 |
| Border States Coop | Sisseton | SD | 2 | 0 | 2 |
| Calcium Products Inc. | Gilmore City | IA | 1 | 0 | 1 |
| Canadian Fertilizers LTD. | Medicine Hat | AB | 1 | 1 | 0 |
| Cargill | Emery | SD | 2 | 2 | 0 |
| CAS | Groton | SD | 2 | 2 | 0 |
| Centennial Ag Supply Company | Kersey | CO | 1 | 1 | 0 |
| Central Farmers Coop | Salem | SD | 4 | 2 | 2 |
| CF Industries | Pine Bend | MN | 2 | 2 | 0 |
| CF Industries Inc | Long Grove | IL | 4 | 4 | 0 |
| Chemsico | St. Louis | MO | 3 | 1 | 2 |
| Chester Farm Service Corp. | Chester | SD | 2 | 2 | 0 |
| CHS | Pierre | SD | 1 | 1 | 0 |
| Clark County Farmers Elevator | Clark | SD | 1 | 0 | 1 |
| ConAgra | Chicago | IL | 3 | 3 | 0 |
| ConAgra International Fertilizer | Catoosa | OK | 1 | 1 | 0 |
| ConAgra Intl. Fertilizer Corp. | East Peoria | IL | 1 | 1 | 0 |
| Cone Ag Service | Pierre | SD | 2 | 1 | 1 |
| Continental Nitrogen & Resources | Rosemount | MN | 1 | 1 | 0 |
| Coop Farmers Association | Scotland | SD | 1 | 0 | 1 |
| Cooperative Agronomy Services | Groton | SD | 1 | 1 | 0 |
| Country Pride Coop | Burke | SD | 2 | 2 | 0 |
| Country Pride Coop | Fairfax | SD | 7 | 7 | 0 |
| Country Pride Coop | Wagner | SD | 6 | 5 | 1 |
| Dakota Gasification Company | Beulah | ND | 2 | 2 | 0 |
| Dakota Mill & Grain | Murdo | SD | 7 | 6 | 1 |

| Manufacturer and Location | | | Samples | Passed | Not |
|---------------------------------|----------------|----|---------|--------|-----|
| Dakota Mill and Grain | Presho | SD | 1 | 1 | 0 |
| Dakota Plains Ag Center LLC | Parkston | SD | 11 | 10 | 1 |
| Dakota Plains Ag Center LLC | Scotland | SD | 1 | 0 | 1 |
| Dell Rapids Coop Grain | Dell Rapids | SD | 3 | 2 | 1 |
| Domestic Fertilizer Inc | Paris | KY | 1 | 1 | 0 |
| Domestic Seed & Supply Inc | Madison | SD | 2 | 1 | 1 |
| Dragon Corporation | Roanoke | VA | 1 | 0 | 1 |
| Dyno Nobel | Salt Lake City | UT | 1 | 1 | 0 |
| Dyno Nobel Inc. | Cheyenne | WY | 1 | 1 | 0 |
| Eastern Farmers Coop | Crooks | SD | 1 | 0 | 1 |
| Eastern Farmers Coop-Garretson | Garretson | SD | 1 | 1 | 0 |
| Eastern Farmers Coop-Worthing | Worthing | SD | 2 | 2 | 0 |
| Easy Gardener | Waco | TX | 2 | 2 | 0 |
| Elkton Farmers Union Coop | Elkton | SD | 3 | 0 | 3 |
| Estelline Coop Grain | Estelline | SD | 9 | 7 | 2 |
| Farmers AG LLC | Madison | SD | 1 | 1 | 0 |
| Farmers Alliance | Alexandria | SD | 3 | 3 | 0 |
| Farmers Alliance | Mitchell | SD | 9 | 9 | 0 |
| Farmers Coop Association | Wagner | SD | 4 | 4 | 0 |
| Farmers Coop Elevator | Avon | SD | 1 | 0 | 1 |
| Farmers Plant Food Inc | Garretson | SD | 7 | 6 | 1 |
| Farmers Plant Food Inc | Wolsey | SD | 1 | 1 | 0 |
| Farmers Union Coop | Reliance | SD | 1 | 1 | 0 |
| Farmers Union Coop Oil Company | Flandreau | SD | 1 | 1 | 0 |
| Fousck Grain | Wagner | SD | 2 | 2 | 0 |
| Free Flow Fertilizer | Maumee | OH | 1 | 0 | 1 |
| Fremar Agronomy | Marion | SD | 3 | 3 | 0 |
| Hamlin County Farmers Coop | Hayti | SD | 1 | 1 | 0 |
| Howard Farmers Coop | Howard | SD | 1 | 1 | 0 |
| Howard Johnsons Enterprises Inc | Milwaukee | WI | 5 | 3 | 2 |
| Johnsons Ranchers Supply Inc | Wall | SD | 1 | 1 | 0 |
| JR Simplot | Rock Springs | WY | 1 | 1 | 0 |
| JRS Rock Springs | Rock Springs | WY | 1 | 1 | 0 |
| Koch Nitrogen Co. | Houston | TX | 1 | 1 | 0 |
| Koch Nitrogen Company | Enid | OK | 1 | 1 | 0 |
| Kugler Company | Culberton | NE | 1 | 1 | 0 |
| Lilly Miller Brands F1475 | Clackamas | OR | 1 | 1 | 0 |
| Madison Farmers Elevator | Madison | SD | 2 | 1 | 1 |
| Martin Resources | Seneca | IL | 1 | 1 | 0 |
| Maxwell Colony | Scotland | SD | 1 | 0 | 1 |
| Mettler Fertilizer Inc | Menno | SD | 2 | 0 | 2 |
| Mettlere Fertilizer Tripp | Tripp | SD | 1 | 1 | 0 |
| Midwest Cooperatives | Onida | SD | 1 | 1 | 0 |
| Midwest Cooperatives | Philip | SD | 2 | 2 | 0 |
| Midwest Cooperatives | Pierre | SD | 1 | 1 | 0 |
| Milorganite | Milwaukee | WI | 1 | 1 | 0 |
| Missouri River Farms Inc. | Yankton | SD | 1 | 1 | 0 |

| Manufacturer and Location | | | Samples | Passed | Not |
|---|----------------|----|------------|--------------|--------------|
| Mosaic Company | Fargo | SD | 1 | 1 | 0 |
| Mosaic Crop Nutrition, LLC | Savage | MN | 1 | 1 | 0 |
| Mosaic Phosphates Co. | Riverview | FL | 3 | 2 | 1 |
| Mosaic USA LLC | Minneapolis | MN | 10 | 10 | 0 |
| N Rich Plant Food | Humboldt | SD | 3 | 3 | 0 |
| Nutra-Flo Company | Sioux City | IA | 6 | 6 | 0 |
| Organic Laboratories, Inc. | Stuart | FL | 2 | 1 | 1 |
| PCS Sales (USA) Inc. | Northbrook | IL | 2 | 2 | 0 |
| PCS Sales (Canada) Inc. | Saskatoon | SK | 1 | 1 | 0 |
| Rockport Fertilizers | Alexandria | SD | 10 | 10 | 0 |
| Rosebud Farmers Union | Fairfax | SD | 4 | 4 | 0 |
| Saskferco | Belle Plaine | SK | 6 | 6 | 0 |
| Saskferco | Regina | SK | 1 | 1 | 0 |
| Schultz Company | Bridgeton | MO | 8 | 7 | 1 |
| Scotts Company | Marysville | OH | 8 | 8 | 0 |
| Scotts Miracle-Gro Products, Inc. | Marysville | OH | 10 | 10 | 0 |
| Scotts Sierra Horticulture | Marysville | OH | 5 | 5 | 0 |
| SD Wheat Growers | Wolsey | SD | 7 | 7 | 0 |
| SD Wheatgrowers | Chamberlain | SD | 7 | 7 | 0 |
| SD Wheatgrowers Assn | Bath | SD | 3 | 3 | 0 |
| SD Wheatgrowers Assn | Huron | SD | 12 | 11 | 1 |
| South Dakota Wheatgrowers | Redfield | SD | 2 | 2 | 0 |
| Southern Plains Ag | Dante | SD | 4 | 3 | 1 |
| Swiss Farm Products, Inc. | Las Vegas | NV | 1 | 1 | 0 |
| Terra Nitrogen Corp | Sioux City | IA | 2 | 2 | 0 |
| Terra Nitrogen, L.P. | Sergeant Bluff | IA | 1 | 1 | 0 |
| Tessengerlo Kerley, Inc. | Billings | MT | 1 | 1 | 0 |
| Tetra Micronutrients | Fairbury | NE | 1 | 1 | 0 |
| The Scotts Company | Marysville | OH | 7 | 7 | 0 |
| Turnis Farm Supply | Platte | SD | 3 | 3 | 0 |
| United Suppliers | Hastings | NE | 1 | 1 | 0 |
| United Suppliers Inc. | Eldora | IA | 3 | 3 | 0 |
| United Suppliers, Inc. | Sioux Falls | SD | 1 | 1 | 0 |
| Univar USA | Kirkland | WA | 1 | 1 | 0 |
| Upper River Services | St. Paul | MN | 1 | 0 | 1 |
| Valley Springs Farmers Coop | Valley Springs | SD | 2 | 1 | 1 |
| Verdicon, Inc. | Greeley | CO | 1 | 0 | 1 |
| Voluntary Purchasing Grps. Inc. | Bonham | TX | 6 | 6 | 0 |
| Wal Mart Stores Inc | Bentonville | AR | 1 | 1 | 0 |
| Watertown Coop Elevator | Watertown | SD | 3 | 3 | 0 |
| West Central Inc. | Willmar | MN | 4 | 4 | 0 |
| Western Consolidated | South Shore | SD | 1 | 1 | 0 |
| Western Consolidated Coop | Appleton | MN | 1 | 1 | 0 |
| Wilbur-Ellis – Minot | Yakima | WA | 1 | 1 | 0 |
| Winona River & Rail | Winona | MN | 2 | 2 | 0 |
| Total Count: | | | 387 | 345 | 42 |
| Percent Passed & Not Passed: | | | | 89.1% | 10.9% |

Sample Count by Type

Fertilizers Sampled from 1/1/2006 to 12/31/2006

| <u>TYPE</u> | <u># SAMPLES</u> | <u># PASSED</u> | <u># FAILED</u> | | <u>PASS RATE</u> | <u>FAIL RATE</u> |
|-------------------|------------------|-----------------|-----------------|--|------------------|------------------|
| Straight Dry | 220 | 212 | 8 | | 96.4% | 3.6% |
| Custom Fertilizer | 52 | 32 | 20 | | 61.5% | 38.5% |
| Straight Liquid | 48 | 43 | 5 | | 89.6% | 10.4% |
| Small Package | 41 | 38 | 3 | | 92.7% | 7.3% |
| Lawn & Garden | 26 | 20 | 6 | | 76.9% | 23.1% |
| OVERALL | 387 | 345 | 42 | | 89.1% | 10.9% |

SECTION B:

SAMPLE

REPORT

SUMMARY

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|--|------------------------|------------------|-------|
| 4 Seasons Coop Hecla, SD | Dry Bulk Fertilizer 21-0-0-24S | | 06N-10546 | |
| | | Total Nitrogen, % | 21.03 | 21 |
| | | Sulfur, % | 24.20 | 24 |
| Ace Hardware Oakbrook, IL | ACE All Purpose Plant Food 15-30-15 | | 06N-04346 | |
| | | Commercial Value | 126. | 120 |
| | | Overall Index Value | 105. | 100 |
| | | Total Nitrogen, % | 15.09 | 15 |
| | | Available Phosphate, % | 29.81 | 30 |
| | | Soluble Potash, % | 20.70 | 15 |
| ADM Benson Quinn Minneapolis, MN | Dry Bulk Fertilizer 46-0-0 | | 06N-07408 | |
| | | Total Nitrogen, % | 46.62 | 46 |
| Agland Coop Ethan, SD | Dry Bulk Fertilizer 11-52-0 | | 06N-21832 | |
| | | Commercial Value | 138. | 137 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 11.28 | 11 |
| | | Available Phosphate, % | 52.16 | 52 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-21833 | |
| | | Soluble Potash, % | 60.02 | 60 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-21834 | |
| | | Commercial Value | 144. | 146 |
| | | Overall Index Value | 98.6 | 100 |
| | | Total Nitrogen, % | 17.68 | 18 |
| | | Available Phosphate, % | 45.49 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-21835 | |
| | | Commercial Value | 146. | 146 |
| | Overall Index Value | 100. | 100 | |
| | Total Nitrogen, % | 17.95 | 18 | |
| | Available Phosphate, % | 46.09 | 46 | |
| Agrilience Aberdeen, SD | Dry Bulk Fertilizer Zinc 33% | | 06N-18667 | |
| | | Zinc, % | 32.16 | 33 |
| Agrilience Muscatine, IA | Dry Bulk Fertilizer 46-0-0 | | 06N-09634 | |
| | | Total Nitrogen, % | 46.82 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-09635 | |
| | Total Nitrogen, % | 46.59 | 46 | |
| Agrilience St. Paul, MN | Dry Bulk Fertilizer 0-0-60 | | 06N-04628 | |
| | | Soluble Potash, % | 58.99 | 60 |
| | Dry Bulk Fertilizer 21-0-0-S-24 | | 06N-04630 | |
| | | Total Nitrogen, % | 21.36 | 21 |
| | | Sulfur, % | 24.38 | 24 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|-----------------------|---------------------------------------|------------------------|------------------|-------|
| | Dry Bulk Fertilizer 46-0-0 | | 06N-04631 | |
| | | Total Nitrogen, % | 46.60 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-06184 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 11.42 | 11 |
| | | Available Phosphate, % | 51.51 | 52 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-06185 | |
| | | Total Nitrogen, % | 46.52 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-06186 | |
| | | Commercial Value | 145. | 146 |
| | | Overall Index Value | 99.3 | 100 |
| | | Total Nitrogen, % | 17.93 | 18 |
| | | Available Phosphate, % | 45.58 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-06871 | |
| | | Total Nitrogen, % | 46.49 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-06872 | |
| | | Commercial Value | 138. | 137 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 11.16 | 11 |
| | | Available Phosphate, % | 52.26 | 52 |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-06873 | |
| | | Total Nitrogen, % | 21.29 | 21 |
| | | Sulfur, % | 23.98 | 24 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-06874 | |
| | | Total Nitrogen, % | 46.54 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-06875 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 99.9 | 100 |
| | | Total Nitrogen, % | 10.97 | 11 |
| | | Available Phosphate, % | 51.95 | 52 |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-06876 | |
| | | Total Nitrogen, % | 21.36 | 21 |
| | | Sulfur, % | 24.03 | 24 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-07120 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 99.8 | 100 |
| | | Total Nitrogen, % | 11.12 | 11 |
| | | Available Phosphate, % | 51.67 | 52 |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-07404 | |
| | | Commercial Value | 96.8 | 98 |
| | | Overall Index Value | 98.8 | 100 |
| | | Total Nitrogen, % | 10.15 | 10 |
| | | Available Phosphate, % | 33.28 | 34 |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-07405 | |
| | | Total Nitrogen, % | 27.47 | 28 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-07442 | |
| | | Total Nitrogen, % | 46.57 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-07443 | |
| | | Commercial Value | 145. | 146 |
| | | Overall Index Value | 99.4 | 100 |
| | | Total Nitrogen, % | 17.73 | 18 |
| | | Available Phosphate, % | 46.00 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-08468 | |
| | | Commercial Value | 140. | 138 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 46.52 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---|---|------------------------|------------------|--------------|
| | Dry Bulk Fertilizer 18-46-0 | | 06N-08582 | |
| | | Commercial Value | 144. | 146 |
| | | Overall Index Value | 99.0 | 100 |
| | | Total Nitrogen, % | 17.56 | 18 |
| | | Available Phosphate, % | 45.91 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-11249 | |
| | | Commercial Value | 138. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 11.18 | 11 |
| | | Available Phosphate, % | 51.99 | 52 |
| Agrilience Worthing, SD | Dry Bulk Fertilizer 46-0-0 | | 06N-19892 | |
| | | Total Nitrogen, % | 46.73 | 46 |
| Agrilience LLC Minneapolis, MN | ** Dry Bulk Fertilizer 11-52-0 | | 06N-06847 | |
| | | Arsenic, ug/g (ppm) | 4.3 | |
| | | Cadmium, ug/g (ppm) | 3.3 | |
| | | Cobalt, ug/g (ppm) | 5.2 | |
| | | Commercial Value | 136. | 137 |
| | | Overall Index Value | 99.0 | 100 |
| | | Total Nitrogen, % | 11.53 | 11 |
| | | Available Phosphate, % | 50.72 | 52 DEFICIENT |
| | | Lead, ug/g (ppm) | 4.7 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | 8.2 | |
| | | Nickel, ug/g (ppm) | 13.8 | |
| | | Selenium, ug/g (ppm) | 0.167 | |
| | | Zinc, ug/g (ppm) | 56.2 | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-06848 | |
| | | Arsenic, ug/g (ppm) | 8.7 | |
| | | Cadmium, ug/g (ppm) | 17.2 | |
| | | Cobalt, ug/g (ppm) | 3.5 | |
| | | Commercial Value | 145. | 146 |
| | | Overall Index Value | 99.4 | 100 |
| | | Total Nitrogen, % | 17.97 | 18 |
| | | Available Phosphate, % | 45.59 | 46 |
| | | Lead, ug/g (ppm) | 3.4 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | 3.7 | |
| | | Nickel, ug/g (ppm) | 44.8 | |
| | | Selenium, ug/g (ppm) | 0.197 | |
| | | Zinc, ug/g (ppm) | 283. | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-06849 | |
| | | Total Nitrogen, % | 46.46 | 46 |
| Agrilience LLC Watertown, SD | Custom Dry Bulk Fertilizer 35-18-0 | | 06N-05804 | |
| | | Commercial Value | 145. | 141 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 35.43 | 35 |
| | | Available Phosphate, % | 19.20 | 18 |

| Manufacturer Location | Product | Analyte | Found | Claim | |
|-------------------------|---|------------------------|------------------|-------|-----------|
| | Custom Dry Bulk Fertilizer 32-15-6 | | 06N-05806 | | |
| | | Commercial Value | 132. | 132 | |
| | | Overall Index Value | 100. | 100 | |
| | | Total Nitrogen, % | 31.25 | 32 | |
| | | Available Phosphate, % | 15.74 | 15 | |
| | | Soluble Potash, % | 7.02 | 6 | |
| | *** Dry Bulk Fertilizer 18-46-0 | | 06N-07451 | | |
| | | Arsenic, ug/g (ppm) | 4.8 | | |
| | | Cadmium, ug/g (ppm) | 5.6 | | |
| | | Cobalt, ug/g (ppm) | 4.2 | | |
| | | Commercial Value | 142. | 146 | |
| | | Overall Index Value | 97.0 | 100 | DEFICIENT |
| | | Total Nitrogen, % | 14.68 | 18 | DEFICIENT |
| | | Available Phosphate, % | 48.73 | 46 | |
| | | Lead, ug/g (ppm) | 3.4 | | |
| | | Mercury, ug/g (ppm) | <0.050 | | |
| | | Molybdenum, ug/g (ppm) | 7.2 | | |
| | | Nickel, ug/g (ppm) | 17.7 | | |
| | | Selenium, ug/g (ppm) | 0.131 | | |
| | | Zinc, ug/g (ppm) | 90.0 | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-07452 | | |
| | | Total Nitrogen, % | 46.75 | 46 | |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-07453 | | |
| | | Soluble Potash, % | 59.08 | 60 | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-19891 | | |
| | | Commercial Value | 145. | 146 | |
| | | Overall Index Value | 99.2 | 100 | |
| | | Total Nitrogen, % | 17.73 | 18 | |
| | | Available Phosphate, % | 45.76 | 46 | |
| Agriliance, LLC | | | | | |
| Alexandria, SD | | | | | |
| | Dry Bulk Fertilizer Zinc Sulfate 34% | | 06N-03100 | | |
| | | Zinc, % | 33.83 | 34 | |
| | Dry Bulk Fertilizer Sulfur 90% | | 06N-03101 | | |
| | | Sulfur, % | 89.88 | 90 | |
| | Dry Bulk Fertilizer Boron 15% | | 06N-03102 | | |
| | | Boron, % | 14.83 | 15 | |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-08470 | | |
| | | Soluble Potash, % | 59.71 | 60 | |
| Agrium U.S., Inc | | | | | |
| Denver, CO | | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-07103 | | |
| | | Commercial Value | 139. | 137 | |
| | | Overall Index Value | 101. | 100 | |
| | | Total Nitrogen, % | 11.52 | 11 | |
| | | Available Phosphate, % | 52.17 | 52 | |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-07217 | | |
| | | Total Nitrogen, % | 20.80 | 21 | |
| | | Sulfur, % | 24.40 | 24 | |
| | Dry Bulk Fertilizer 21-0-0-S24 | | 06N-07473 | | |
| | | Total Nitrogen, % | 20.83 | 21 | |
| | | Sulfur, % | 24.67 | 24 | |

| Manufacturer Location | Product | Analyte | Found | Claim |
|-----------------------------------|--|------------------------|------------------|--------|
| | Monoammonium Phosphate 11-52-0 | | 06N-09626 | |
| | | Arsenic, ug/g (ppm) | 6.1 | |
| | | Cadmium, ug/g (ppm) | 122. | |
| | | Cobalt, ug/g (ppm) | 8.2 | |
| | | Commercial Value | 140. | 137 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 11.26 | 11 |
| | | Available Phosphate, % | 53.04 | 52 |
| | | Lead, ug/g (ppm) | 2.4 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | 18. | |
| | | Nickel, ug/g (ppm) | 261. | |
| | | Selenium, ug/g (ppm) | 0.408 | |
| | | Zinc, ug/g (ppm) | 2090. | |
| | Dry Bulk Fertilizer 21-0-0-24S | | 06N-09740 | |
| | | Total Nitrogen, % | 21.02 | 21 |
| | | Sulfur, % | 24.73 | 24 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-16855 | |
| | | Commercial Value | 140. | 137 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 11.13 | 11 |
| | | Available Phosphate, % | 53.30 | 52 |
| American Plant Food | | | | |
| Galena Park, TX | | | | |
| | Dry Bulk Fertilizer 21-0-0 | | 06N-10549 | |
| | | Total Nitrogen, % | 21.34 | 21 |
| Arlington Farmers Elevator | | | | |
| Arlington, SD | | | | |
| | Custom Dry Bulk Fertilizer 30-15-7 | | 06N-08145 | |
| | | Commercial Value | 129. | 127.93 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 29.62 | 30.1 |
| | | Available Phosphate, % | 16.17 | 15.05 |
| | | Soluble Potash, % | 7.72 | 7.53 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-08146 | |
| | | Total Nitrogen, % | 46.44 | 46 |
| | ** Dry Bulk Fertilizer 0-0-60 | | 06N-08147 | |
| | | Soluble Potash, % | 58.77 | 60 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-08148 | |
| | | Commercial Value | 138. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 11.09 | 11 |
| | | Available Phosphate, % | 52.14 | 52 |
| Baltzell Ag Products | | | | |
| Omaha, Ne | | | | |
| | Dry Fertilizer Feed Grade Urea 46-0-0 | | 06N-05817 | |
| | | Total Nitrogen, % | 46.43 | 46 |
| Bay Zinc Company Inc. | | | | |
| Moxee, WA | | | | |
| | Dry Bulk Fertilizer BLU-MIN Zinc Granular with Sulfur | | 06N-05802 | |
| | | Sulfur, % | 18.70 | 18 |
| | | Zinc, % | 33.16 | 33 |
| | Blu-Min 33% Zinc-Granular with Sulphur | | 06N-19893 | |
| | | Sulfur, % | 18.35 | 18 |
| | | Zinc, % | 32.14 | 33 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|----------------------------------|--|---------|------------------|-----------|
| BCA Products | | | | |
| Sleepy Eye, MN | | | | |
| | Premium Quality Non-Phosphorus Lawn Fertilizer | | 06N-10141 | |
| | Commercial Value | | 84.4 | 82 |
| | Overall Index Value | | 103. | 100 |
| | Total Nitrogen, % | | 24.87 | 24 |
| | Soluble Potash, % | | 9.74 | 10 |
| | Sulfur, % | | 2.83 | 3 |
| | Premium Quality Non-Phosphorus Weed & Feed 25-0-8 | | 06N-10142 | |
| | Commercial Value | | 82.1 | 83 |
| | Overall Index Value | | 98.9 | 100 |
| | Total Nitrogen, % | | 24.77 | 25 |
| | Soluble Potash, % | | 7.78 | 8 |
| | Sulfur, % | | 2.09 | 2 |
| Big Green Inc | | | | |
| Mitchell, SD | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-03219 | |
| | Total Nitrogen, % | | 46.59 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-03220 | |
| | Commercial Value | | 145. | 146 |
| | Overall Index Value | | 99.3 | 100 |
| | Total Nitrogen, % | | 17.58 | 18 |
| | Available Phosphate, % | | 46.13 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-10562 | |
| | Total Nitrogen, % | | 46.74 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-10563 | |
| | Commercial Value | | 147. | 146 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 17.96 | 18 |
| | Available Phosphate, % | | 46.32 | 46 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-10564 | |
| | Soluble Potash, % | | 59.09 | 60 |
| Border States Coop | | | | |
| Sisseton, SD | | | | |
| | *** Custom Dry Bulk Fertilizer 9-43-10 | | 06N-06182 | |
| | Commercial Value | | 123. | 123 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 9.30 | 9 |
| | Available Phosphate, % | | 40.78 | 43 |
| | Soluble Potash, % | | 12.15 | 10 |
| | *** Custom Dry Bulk Fertilizer 33-14-4 | | 06N-06183 | |
| | Commercial Value | | 135. | 131 |
| | Overall Index Value | | 103. | 100 |
| | Total Nitrogen, % | | 37.52 | 33 |
| | Available Phosphate, % | | 9.08 | 14 |
| | Soluble Potash, % | | 4.08 | 4 |
| Calcium Products Inc. | | | | |
| Gilmore City, IA | | | | |
| | *** Pel-Lime Supercal Calcium Carbonate | | 06N-08471 | |
| | Calcium, % | | 35.22 | 38 |
| | | | | DEFICIENT |
| Canadian Fertilizers LTD. | | | | |
| Medicine Hat, AB | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-05873 | |
| | Total Nitrogen, % | | 46.65 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|--|---------|------------------|---------------|
| Cargill Emery, SD | | | | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-10578 | |
| | Commercial Value | | 145. | 146 |
| | Overall Index Value | | 99.6 | 100 |
| | Total Nitrogen, % | | 17.93 | 18 |
| | Available Phosphate, % | | 45.77 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-10579 | |
| | Commercial Value | | 138. | 137 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 11.13 | 11 |
| | Available Phosphate, % | | 52.32 | 52 |
| CAS Groton, SD | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-10544 | |
| | Commercial Value | | 138. | 137 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 11.13 | 11 |
| | Available Phosphate, % | | 52.25 | 52 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-10545 | |
| | Total Nitrogen, % | | 46.77 | 46 |
| Centennial Ag Supply Company Kersey, CO | | | | |
| | Custom Liquid Fertilizer 17-2-5 | | 06N-16705 | |
| | Commercial Value | | 59.8 | 60 |
| | Overall Index Value | | 99.6 | 100 |
| | Total Nitrogen, % | | 17.11 | 17 |
| | Available Phosphate, % | | 1.64 | 2 |
| | Soluble Potash, % | | 5.18 | 5 |
| Central Farmers Coop Salem, SD | | | | |
| | *** Custom Dry Bulk Fertilizer 9-24-20 S-10 | | 06N-03098 | |
| | Commercial Value | | 89.7 | 95 |
| | Overall Index Value | | 94.4 | 100 DEFICIENT |
| | Total Nitrogen, % | | 8.88 | 9 |
| | Available Phosphate, % | | 21.61 | 24 DEFICIENT |
| | Soluble Potash, % | | 22.10 | 20 |
| | Sulfur, % | | 10.59 | 10 |
| | *** Custom Dry Bulk Fertilizer 38-11-0 | | 06N-03099 | |
| | Commercial Value | | 138. | 136 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 39.50 | 38 |
| | Available Phosphate, % | | 9.77 | 11 DEFICIENT |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-03103 | |
| | Total Nitrogen, % | | 46.60 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-03104 | |
| | Commercial Value | | 145. | 146 |
| | Overall Index Value | | 99.3 | 100 |
| | Total Nitrogen, % | | 17.94 | 18 |
| | Available Phosphate, % | | 45.60 | 46 |
| CF Industries Pine Bend, MN | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-05805 | |
| | Total Nitrogen, % | | 46.77 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim | |
|---|---|------------------------|------------------|--------|-----------|
| | Dry Bulk Fertilizer 18-46-0 | | 06N-05807 | | |
| | | Commercial Value | 144. | 146 | |
| | | Overall Index Value | 99.0 | 100 | |
| | | Total Nitrogen, % | 17.63 | 18 | |
| | | Available Phosphate, % | 45.79 | 46 | |
| CF Industries Inc Long Grove, IL | Dry Bulk Fertilizer 46-0-0 | | 06N-07119 | | |
| | | Total Nitrogen, % | 46.72 | 46 | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-11368 | | |
| | | Total Nitrogen, % | 46.45 | 46 | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-19903 | | |
| | | Total Nitrogen, % | 46.72 | 46 | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-19904 | | |
| | | Commercial Value | 144. | 146 | |
| | | Overall Index Value | 98.8 | 100 | |
| | | Total Nitrogen, % | 17.72 | 18 | |
| | | Available Phosphate, % | 45.53 | 46 | |
| Chemsico St. Louis, MO | KGRO Weed & Feed 28-3-3 | | 06N-04345 | | |
| | | Commercial Value | 103. | 93 | |
| | | Overall Index Value | 111. | 100 | |
| | | Total Nitrogen, % | 30.30 | 28 | |
| | | Available Phosphate, % | 4.48 | 3 | |
| | | Soluble Potash, % | 3.21 | 3 | |
| | *** Ace Green Turf Starter Fertilizer 20-27-5 | | 06N-07738 | | |
| | | Commercial Value | 111. | 119 | |
| | | Overall Index Value | 93.4 | 100 | DEFICIENT |
| | | Total Nitrogen, % | 18.78 | 20 | DEFICIENT |
| | | Available Phosphate, % | 25.56 | 27 | DEFICIENT |
| | | Soluble Potash, % | 3.34 | 5 | DEFICIENT |
| | *** Ace Green Turf Weed & Feed 29-3-3 | | 06N-08669 | | |
| | | Commercial Value | 100. | 96 | |
| | | Overall Index Value | 105. | 100 | |
| | | Total Nitrogen, % | 30.85 | 29 | |
| | | Available Phosphate, % | 2.64 | 3 | |
| | | Soluble Potash, % | 2.44 | 3 | DEFICIENT |
| Chester Farm Service Corp. Chester, SD | Custom Dry Bulk Fertilizer 31.56-18.04-4.51 | | 06N-07407 | | |
| | | Commercial Value | 136. | 135.27 | |
| | | Overall Index Value | 100. | 100 | |
| | | Total Nitrogen, % | 30.79 | 31.56 | |
| | | Available Phosphate, % | 19.31 | 18.04 | |
| | | Soluble Potash, % | 4.63 | 4.51 | |
| | Custom Liquid Bulk Fertilizer 26.36-0-0-S2.665 | | 06N-07410 | | |
| | | Total Nitrogen, % | 26.02 | 26.36 | |
| | | Sulfur, % | 2.35 | 2.66 | |
| CHS Pierre, SD | Liquid Bulk Fertilizer 10-34-0 | | 06N-08590 | | |
| | | Commercial Value | 97.0 | 98 | |
| | | Overall Index Value | 99.0 | 100 | |
| | | Total Nitrogen, % | 9.95 | 10 | |
| | | Available Phosphate, % | 33.56 | 34 | |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---|---|---------|------------------|---------------|
| Clark County Farmers Elevator | | | | |
| Clark, SD | | | | |
| | *** Custom Dry Bulk Fertilizer 29-15-9 | | 06N-07450 | |
| | Commercial Value | | 119. | 126 |
| | Overall Index Value | | 94.6 | 100 DEFICIENT |
| | Total Nitrogen, % | | 23.84 | 29 DEFICIENT |
| | Available Phosphate, % | | 19.04 | 15 |
| | Soluble Potash, % | | 11.84 | 9 |
| ConAgra | | | | |
| Chicago, IL | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-07227 | |
| | Total Nitrogen, % | | 46.62 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-07228 | |
| | Arsenic, ug/g (ppm) | | 3.8 | |
| | Cadmium, ug/g (ppm) | | 6.6 | |
| | Cobalt, ug/g (ppm) | | 3.3 | |
| | Commercial Value | | 118. | 146 |
| | Overall Index Value | | 99.5 | 100 |
| | Total Nitrogen, % | | 17.80 | 18 |
| | Available Phosphate, % | | 45.92 | 46 |
| | Lead, ug/g (ppm) | | 1.8 | |
| | Mercury, ug/g (ppm) | | <0.050 | |
| | Molybdenum, ug/g (ppm) | | 11. | |
| | Nickel, ug/g (ppm) | | 12.4 | |
| | Selenium, ug/g (ppm) | | 0.122 | |
| | Zinc, ug/g (ppm) | | 103. | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-10377 | |
| | Commercial Value | | 96.8 | 98 |
| | Overall Index Value | | 98.8 | 100 |
| | Total Nitrogen, % | | 10.07 | 10 |
| | Available Phosphate, % | | 33.31 | 34 |
| ConAgra International Fertilizer | | | | |
| Catoosa, OK | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-03142 | |
| | Total Nitrogen, % | | 46.87 | 46 |
| ConAgra International Fertilizer Corp. | | | | |
| East Peoria, IL | | | | |
| | Dry Bulk Fertilizer 21-0-0-S24 | | 06N-07617 | |
| | Total Nitrogen, % | | 21.31 | 21 |
| | Sulfur, % | | 24.40 | 24 |
| Cone Ag Service | | | | |
| Pierre, SD | | | | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-09632 | |
| | Commercial Value | | 100. | 98 |
| | Overall Index Value | | 102. | 100 |
| | Total Nitrogen, % | | 10.57 | 10 |
| | Available Phosphate, % | | 34.27 | 34 |
| | *** Liquid Bulk Fertilizer 10-34-0 | | 06N-10755 | |
| | Commercial Value | | 97.4 | 98 |
| | Overall Index Value | | 99.4 | 100 |
| | Total Nitrogen, % | | 10.65 | 10 |
| | Available Phosphate, % | | 31.81 | 34 DEFICIENT |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---|---|---------|------------------|----------------|
| Continental Nitrogen & Resources Corp. | | | | |
| Rosemount, MN | | | | |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-08472 | |
| | Total Nitrogen, % | | 21.50 | 21 |
| | Sulfur, % | | 24.60 | 24 |
| Coop Farmers Association | | | | |
| Scotland, SD | | | | |
| | ** Custom Dry Bulk Fertilizer 39.6-7.36-0-Zn1.32 | | 06N-07615 | |
| | Commercial Value | | 127. | 133.52 |
| | Overall Index Value | | 95.5 | 100 DEFICIENT |
| | Total Nitrogen, % | | 38.33 | 39.6 DEFICIENT |
| | Available Phosphate, % | | 5.84 | 7.36 DEFICIENT |
| | Zinc, % | | 2.97 | 1.32 |
| Cooperative Agronomy Services | | | | |
| Groton, SD | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-11248 | |
| | Total Nitrogen, % | | 46.35 | 46 |
| Country Pride Coop | | | | |
| Burke, SD | | | | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-02499 | |
| | Commercial Value | | 147. | 146 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 17.76 | 18 |
| | Available Phosphate, % | | 47.06 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02500 | |
| | Total Nitrogen, % | | 46.60 | 46 |
| Country Pride Coop | | | | |
| Fairfax, SD | | | | |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-02279 | |
| | Soluble Potash, % | | 59.65 | 60 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02280 | |
| | Total Nitrogen, % | | 46.61 | 46 |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-02281 | |
| | Total Nitrogen, % | | 21.00 | 21 |
| | Sulfur, % | | 24.73 | 24 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-02282 | |
| | Commercial Value | | 145. | 146 |
| | Overall Index Value | | 99.2 | 100 |
| | Total Nitrogen, % | | 17.65 | 18 |
| | Available Phosphate, % | | 45.92 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-21261 | |
| | Commercial Value | | 147. | 146 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 18.12 | 18 |
| | Available Phosphate, % | | 46.24 | 46 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-21262 | |
| | Soluble Potash, % | | 60.46 | 60 |
| | Dry Bulk Fertilizer 21-0-0-12 | | 06N-21263 | |
| | Total Nitrogen, % | | 20.90 | 21 |
| | Sulfur, % | | 24.03 | 12 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|------------------------------------|--|---------|------------------|---------------|
| Country Pride Coop | | | | |
| Wagner, SD | | | | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-21245 | |
| | Commercial Value | | 148. | 146 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 17.95 | 18 |
| | Available Phosphate, % | | 46.78 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-21246 | |
| | Total Nitrogen, % | | 46.44 | 46 |
| | ** Dry Bulk Fertilizer 11-52-0 | | 06N-21247 | |
| | Commercial Value | | 135. | 137 |
| | Overall Index Value | | 98.2 | 100 |
| | Total Nitrogen, % | | 11.54 | 11 |
| | Available Phosphate, % | | 49.25 | 52 DEFICIENT |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-21248 | |
| | Soluble Potash, % | | 59.99 | 60 |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-21249 | |
| | Commercial Value | | 96.3 | 98 |
| | Overall Index Value | | 98.2 | 100 |
| | Total Nitrogen, % | | 9.82 | 10 |
| | Available Phosphate, % | | 33.41 | 34 |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-21250 | |
| | Total Nitrogen, % | | 28.10 | 28 |
| Dakota Gasification Company | | | | |
| Beulah, ND | | | | |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-03221 | |
| | Total Nitrogen, % | | 21.10 | 21 |
| | Sulfur, % | | 24.41 | 24 |
| | Dry Bulk Fertilizer 21-0-0-S-24 | | 06N-04627 | |
| | Arsenic, ug/g (ppm) | | 3.6 | |
| | Cadmium, ug/g (ppm) | | <0.5 | |
| | Cobalt, ug/g (ppm) | | 0.3 | |
| | Total Nitrogen, % | | 21.07 | 21 |
| | Sulfur, % | | 24.78 | 24 |
| | Lead, ug/g (ppm) | | <1.0 | |
| | Mercury, ug/g (ppm) | | 0.080 | |
| | Molybdenum, ug/g (ppm) | | <1.0 | |
| | Nickel, ug/g (ppm) | | 2.0 | |
| | Selenium, ug/g (ppm) | | 12.3 | |
| | Zinc, ug/g (ppm) | | 22.2 | |
| Dakota Mill & Grain | | | | |
| Murdo, SD | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-02427 | |
| | Commercial Value | | 138. | 137 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 11.05 | 11 |
| | Available Phosphate, % | | 52.62 | 52 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02428 | |
| | Total Nitrogen, % | | 46.10 | 46 |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-02433 | |
| | Total Nitrogen, % | | 28.56 | 28 |
| | ** Liquid Bulk Fertilizer 10-34-0 | | 06N-02434 | |
| | Commercial Value | | 92.7 | 98 |
| | Overall Index Value | | 94.6 | 100 DEFICIENT |
| | Total Nitrogen, % | | 15.07 | 10 |
| | Available Phosphate, % | | 23.73 | 34 DEFICIENT |

| Manufacturer Location | Product | Analyte | Found | Claim |
|------------------------------------|------------------------------------|------------------------|------------------|-------|
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02435 | |
| | | Total Nitrogen, % | 46.45 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-22216 | |
| | | Total Nitrogen, % | 46.52 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-22217 | |
| | | Commercial Value | 138. | 137 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 10.87 | 11 |
| | | Available Phosphate, % | 52.76 | 52 |
| Dakota Mill and Grain | | | | |
| Presho, SD | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-02436 | |
| | | Commercial Value | 139. | 137 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 11.12 | 11 |
| | | Available Phosphate, % | 52.74 | 52 |
| Dakota Plains Ag Center LLC | | | | |
| Parkston, SD | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-03139 | |
| | | Total Nitrogen, % | 46.60 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-03140 | |
| | | Commercial Value | 146. | 146 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 17.97 | 18 |
| | | Available Phosphate, % | 46.24 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-03141 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 11.05 | 11 |
| | | Available Phosphate, % | 52.10 | 52 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-03144 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 11.40 | 11 |
| | | Available Phosphate, % | 51.63 | 52 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-03145 | |
| | | Commercial Value | 146. | 146 |
| | | Overall Index Value | 99.9 | 100 |
| | | Total Nitrogen, % | 17.95 | 18 |
| | | Available Phosphate, % | 46.01 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-03146 | |
| | | Total Nitrogen, % | 46.57 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-04629 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 10.84 | 11 |
| | | Available Phosphate, % | 52.47 | 52 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-07212 | |
| | | Commercial Value | 136. | 137 |
| | | Overall Index Value | 99.2 | 100 |
| | | Total Nitrogen, % | 10.84 | 11 |
| | | Available Phosphate, % | 51.68 | 52 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-07221 | |
| | | Commercial Value | 146. | 146 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 18.02 | 18 |
| | | Available Phosphate, % | 46.00 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim | |
|---|---|---|------------------|------------------|-----------|
| Dakota Plains Ag Center LLC Scotland, SD | *** Liquid Bulk Fertilizer 10-34-0 | | 06N-08689 | | |
| | | Commercial Value | 94.0 | 98 | |
| | | Overall Index Value | 95.9 | 100 | DEFICIENT |
| | | Total Nitrogen, % | 9.83 | 10 | |
| | | Available Phosphate, % | 32.27 | 34 | DEFICIENT |
| | | Dry Bulk Fertilizer 18-46-0 | | 06N-11367 | |
| | | Commercial Value | 147. | 146 | |
| | | Overall Index Value | 101. | 100 | |
| | | Total Nitrogen, % | 17.98 | 18 | |
| | | Available Phosphate, % | 46.52 | 46 | |
| Dell Rapids Coop Grain Dell Rapids, SD | *** Custom Dry Bulk Fertilizer 32-16-5 | | 06N-07616 | | |
| | | Commercial Value | 135. | 133.2 | |
| | | Overall Index Value | 101. | 100 | |
| | | Total Nitrogen, % | 28.46 | 32 | DEFICIENT |
| | | Available Phosphate, % | 20.04 | 16 | |
| | | Soluble Potash, % | 7.22 | 5.1 | |
| Dell Rapids Coop Grain Dell Rapids, SD | Dry Bulk Fertilizer 18-46-0 | | 06N-08124 | | |
| | | Commercial Value | 146. | 146 | |
| | | Overall Index Value | 100. | 100 | |
| | | Total Nitrogen, % | 17.64 | 18 | |
| | | Available Phosphate, % | 46.54 | 46 | |
| | | Dry Bulk Fertilizer 46-0-0 | | 06N-08125 | |
| | | Total Nitrogen, % | 46.40 | 46 | |
| | | *** Custom Dry Bulk Fertilizer 31.54-10.51-10.51 | | 06N-08126 | |
| | | Commercial Value | 126. | 126.15 | |
| | | Overall Index Value | 99.9 | 100 | |
| | Total Nitrogen, % | 28.65 | 31.54 | DEFICIENT | |
| | Available Phosphate, % | 12.11 | 10.51 | | |
| | Soluble Potash, % | 13.04 | 10.51 | | |
| Domestic Fertilizer Inc Paris, KY | Tree Food Stakes 15-7-6 | | 06N-05890 | | |
| | | Chlorine, % | 6.11 | 6 | |
| | | Commercial Value | 76.8 | 65 | |
| | | Overall Index Value | 118. | 100 | |
| | | Total Nitrogen, % | 17.59 | 15 | |
| | | Available Phosphate, % | 8.20 | 7 | |
| | | Soluble Potash, % | 7.60 | 6 | |
| Domestic Seed & Supply Inc Madison, SD | Custom Dry Bulk Fertilizer 26.3-8.6-18.8 | | 06N-06884 | | |
| | | Commercial Value | 115. | 114.9 | |
| | | Overall Index Value | 100. | 100 | |
| | | Total Nitrogen, % | 26.48 | 26.3 | |
| | | Available Phosphate, % | 8.04 | 8.6 | |
| | | Soluble Potash, % | 19.75 | 18.8 | |
| | | *** Custom Dry Bulk Fertilizer 10-50-10 | | 06N-19888 | |
| | | Commercial Value | 122. | 125.44 | |
| | | Overall Index Value | 97.3 | 100 | DEFICIENT |
| | | Total Nitrogen, % | 9.01 | 9.35 | |
| | | Available Phosphate, % | 41.56 | 44.18 | DEFICIENT |
| | | Soluble Potash, % | 11.67 | 9.03 | |

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|---|------------------------|------------------|----------------|
| Dragon Corporation | | | | |
| Roanoke, VA | | | | |
| | *** Dragon Liquid Chelated Iron Liquid Fertilizer | | 06N-08671 | |
| | | Arsenic, ug/g (ppm) | <1.0 | |
| | | Cadmium, ug/g (ppm) | <0.5 | |
| | | Cobalt, ug/g (ppm) | 5.9 | |
| | | Iron, % | 4.01 | 6 DEFICIENT |
| | | Sulfur, % | 3.83 | 3.9 |
| | | Lead, ug/g (ppm) | 2.5 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | <1.0 | |
| | | Nickel, ug/g (ppm) | 10.7 | |
| | | Selenium, ug/g (ppm) | <0.100 | |
| | | Zinc, ug/g (ppm) | 4430. | |
| Dyno Nobel | | | | |
| Salt Lake City, UT | | | | |
| | Liquid Bulk Fertilizer 32-0-0 | | 06N-10756 | |
| | | Total Nitrogen, % | 32.38 | 32 |
| Dyno Nobel Inc. | | | | |
| Cheyenne, WY | | | | |
| | Liquid Fertilizer Urea AN Solution 32% | | 06N-09625 | |
| | | Total Nitrogen, % | 32.37 | 32 |
| Eastern Farmers Coop | | | | |
| Crooks, SD | | | | |
| | *** Custom Dry Bulk Fertilizer 9.35-23.9-23.9-S6-0.6Zn | | 06N-08581 | |
| | | Commercial Value | 94.2 | 99.75 |
| | | Overall Index Value | 94.0 | 100 DEFICIENT |
| | | Total Nitrogen, % | 8.78 | 9.35 |
| | | Available Phosphate, % | 22.73 | 23.9 DEFICIENT |
| | | Soluble Potash, % | 22.48 | 23.9 DEFICIENT |
| | | Sulfur, % | 6.86 | 5.98 |
| | | Zinc, % | 0.59 | 0.6 |
| Eastern Farmers Coop-Garretson | | | | |
| Garretson, SD | | | | |
| | Custom Dry Bulk Fertilizer 32.49-10.83-9.02 | | 06N-19905 | |
| | | Commercial Value | 131. | 128.15 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 33.31 | 32.49 |
| | | Available Phosphate, % | 11.01 | 10.83 |
| | | Soluble Potash, % | 9.02 | 9.02 |
| Eastern Farmers Coop-Worthing Ag Center | | | | |
| Worthing, SD | | | | |
| | Custom Dry Bulk Fertilizer 34.57-11.53-5.76 | | 06N-08473 | |
| | | Commercial Value | 133. | 132.53 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 33.86 | 34.57 |
| | | Available Phosphate, % | 12.13 | 11.53 |
| | | Soluble Potash, % | 6.84 | 5.76 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-19906 | |
| | | Commercial Value | 145. | 146 |
| | | Overall Index Value | 99.2 | 100 |
| | | Total Nitrogen, % | 17.91 | 18 |
| | | Available Phosphate, % | 45.64 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|----------------------------------|---|---------|------------------|-----------------|
| Easy Gardener | | | | |
| Waco, TX | | | | |
| | Jobe's Fertilizer Spikes 10-10-4 | | 06N-02903 | |
| | Commercial Value | | 61.2 | 54 |
| | Overall Index Value | | 113. | 100 |
| | Total Nitrogen, % | | 11.09 | 10 |
| | Available Phosphate, % | | 11.64 | 10 |
| | Soluble Potash, % | | 5.20 | 4 |
| | Ross Root Feeder Refills 9-46-15 | | 06N-21797 | |
| | Commercial Value | | 136. | 134 |
| | Overall Index Value | | 102. | 100 |
| | Total Nitrogen, % | | 9.68 | 9 |
| | Available Phosphate, % | | 45.79 | 46 |
| | Soluble Potash, % | | 15.87 | 15 |
| Elkton Farmers Union Coop | | | | |
| Elkton, SD | | | | |
| | *** Custom Fertilizer 28-13-13 with Surpass East Blender | | 06N-08149 | |
| | Commercial Value | | 119. | 124.72 |
| | Overall Index Value | | 96.0 | 100 DEFICIENT |
| | Total Nitrogen, % | | 25.41 | 28.55 DEFICIENT |
| | Available Phosphate, % | | 14.92 | 12.69 |
| | Soluble Potash, % | | 14.58 | 12.69 |
| | *** Custom Fertilizer 28-13-13 with Surpass west blender | | 06N-08150 | |
| | Commercial Value | | 122. | 124.72 |
| | Overall Index Value | | 99.0 | 100 |
| | Total Nitrogen, % | | 26.48 | 28.55 DEFICIENT |
| | Available Phosphate, % | | 14.27 | 12.69 |
| | Soluble Potash, % | | 14.18 | 12.69 |
| | *** Custom Fertilizer 32-11-9 with Surpass | | 06N-08154 | |
| | Commercial Value | | 124. | 127.48 |
| | Overall Index Value | | 97.0 | 100 DEFICIENT |
| | Total Nitrogen, % | | 28.23 | 32.17 DEFICIENT |
| | Available Phosphate, % | | 13.79 | 10.72 |
| | Soluble Potash, % | | 10.60 | 9.53 |
| Estelline Coop Grain | | | | |
| Estelline, SD | | | | |
| | *** Custom Dry Bulk Fertilizer 26.38-14.32-6.57-S 5.27 | | 06N-06850 | |
| | Commercial Value | | 111. | 114.35 |
| | Overall Index Value | | 96.6 | 100 DEFICIENT |
| | Total Nitrogen, % | | 24.94 | 26.38 DEFICIENT |
| | Available Phosphate, % | | 14.14 | 14.32 |
| | Soluble Potash, % | | 7.02 | 6.57 |
| | Sulfur, % | | 5.67 | 5.27 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-06851 | |
| | Commercial Value | | 137. | 137 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 11.49 | 11 |
| | Available Phosphate, % | | 51.42 | 52 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-06852 | |
| | Commercial Value | | 144. | 146 |
| | Overall Index Value | | 98.7 | 100 |
| | Total Nitrogen, % | | 17.70 | 18 |
| | Available Phosphate, % | | 45.52 | 46 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-06853 | |
| | Soluble Potash, % | | 60.36 | 60 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-06854 | |
| | Total Nitrogen, % | | 46.54 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|-------------------------|--|------------------------|------------------|-----------------|
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-06855 | |
| | | Total Nitrogen, % | 20.94 | 21 |
| | | Sulfur, % | 24.40 | 24 |
| | ** Custom Dry Bulk Fertilizer 30.06-22.22-3.15 | | 06N-06856 | |
| | | Commercial Value | 139. | 137.77 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 28.48 | 30.06 DEFICIENT |
| | | Available Phosphate, % | 25.16 | 22.22 |
| | | Soluble Potash, % | 3.04 | 3.15 |
| | Custom Dry Bulk Fertilizer 32.87-4.26-8.06-S 4.18 | | 06N-06857 | |
| | | Commercial Value | 115. | 115.19 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 32.54 | 32.87 |
| | | Available Phosphate, % | 4.66 | 4.26 |
| | | Soluble Potash, % | 8.25 | 8.06 |
| | | Sulfur, % | 4.92 | 4.18 |
| | Custom Dry Bulk Fertilizer 27-12-7-S6 | | 06N-08346 | |
| | | Commercial Value | 113. | 112.27 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 26.12 | 26.81 |
| | | Available Phosphate, % | 13.38 | 12.25 |
| | | Soluble Potash, % | 7.19 | 7.34 |
| | | Sulfur, % | 7.06 | 5.87 |
| Farmers AG LLC | | | | |
| Madison, SD | | | | |
| | Custom Dry Bulk Fertilizer 34.82-17.41-0-0.4Zn | | 06N-19890 | |
| | | Commercial Value | 151. | 139.28 |
| | | Overall Index Value | 108. | 100 |
| | | Total Nitrogen, % | 35.40 | 34.82 |
| | | Available Phosphate, % | 22.16 | 17.41 |
| Farmers Alliance | | | | |
| Alexandria, SD | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-04203 | |
| | | Commercial Value | 136. | 137 |
| | | Overall Index Value | 99.3 | 100 |
| | | Total Nitrogen, % | 10.83 | 11 |
| | | Available Phosphate, % | 51.81 | 52 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-04204 | |
| | | Commercial Value | 146. | 146 |
| | | Overall Index Value | 99.7 | 100 |
| | | Total Nitrogen, % | 17.90 | 18 |
| | | Available Phosphate, % | 45.91 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-04205 | |
| | | Total Nitrogen, % | 46.66 | 46 |
| Farmers Alliance | | | | |
| Mitchell, SD | | | | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-03215 | |
| | | Commercial Value | 145. | 146 |
| | | Overall Index Value | 99.3 | 100 |
| | | Total Nitrogen, % | 17.75 | 18 |
| | | Available Phosphate, % | 45.90 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-03216 | |
| | | Total Nitrogen, % | 46.64 | 46 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-03217 | |
| | | Soluble Potash, % | 59.80 | 60 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---|--|------------------------|------------------|----------------|
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-03218 | |
| | | Total Nitrogen, % | 21.12 | 21 |
| | | Sulfur, % | 24.35 | 24 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-21856 | |
| | | Soluble Potash, % | 59.76 | 60 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-21857 | |
| | | Total Nitrogen, % | 46.76 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-21858 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 99.7 | 100 |
| | | Total Nitrogen, % | 11.23 | 11 |
| | | Available Phosphate, % | 51.43 | 52 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-21859 | |
| | | Commercial Value | 144. | 146 |
| | | Overall Index Value | 98.6 | 100 |
| | | Total Nitrogen, % | 17.74 | 18 |
| | | Available Phosphate, % | 45.37 | 46 |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-21860 | |
| | | Total Nitrogen, % | 21.12 | 21 |
| | | Sulfur, % | 24.39 | 24 |
| Farmers Coop Association Wagner, SD | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02517 | |
| | | Total Nitrogen, % | 46.63 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-02518 | |
| | | Commercial Value | 146. | 146 |
| | | Overall Index Value | 99.8 | 100 |
| | | Total Nitrogen, % | 17.72 | 18 |
| | | Available Phosphate, % | 46.24 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-02519 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 99.8 | 100 |
| | | Total Nitrogen, % | 11.17 | 11 |
| | | Available Phosphate, % | 51.59 | 52 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-02520 | |
| | | Soluble Potash, % | 59.40 | 60 |
| Farmers Coop Elevator Avon, SD | | | | |
| | *** Custom Dry Bulk Fertilizer 37-7-5 | | 06N-07219 | |
| | | Commercial Value | 130. | 132.7 |
| | | Overall Index Value | 98.3 | 100 |
| | | Total Nitrogen, % | 37.11 | 37.58 |
| | | Available Phosphate, % | 7.23 | 7.48 |
| | | Soluble Potash, % | 3.89 | 5.04 DEFICIENT |
| Farmers Plant Food Inc Garretson, SD | | | | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-02440 | |
| | | Commercial Value | 99.4 | 98 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 10.29 | 10 |
| | | Available Phosphate, % | 34.29 | 34 |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-07470 | |
| | | Commercial Value | 98.3 | 98 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 10.07 | 10 |
| | | Available Phosphate, % | 34.06 | 34 |

| Manufacturer Location | Product | Analyte | Found | Claim | |
|---------------------------------------|--|---------|------------------|--------|-----------|
| | *** Liquid Bulk Fertilizer 32-0-0 | | 06N-07471 | | |
| | Total Nitrogen, % | | 30.07 | 32 | DEFICIENT |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-07517 | | |
| | Total Nitrogen, % | | 28.41 | 28 | |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-11253 | | |
| | Total Nitrogen, % | | 28.13 | 28 | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-11254 | | |
| | Commercial Value | | 97.8 | 98 | |
| | Overall Index Value | | 99.8 | 100 | |
| | Total Nitrogen, % | | 10.00 | 10 | |
| | Available Phosphate, % | | 33.90 | 34 | |
| | Liquid Fertilizer 10-34-0 | | 06N-15004 | | |
| | Commercial Value | | 97.3 | 98 | |
| | Overall Index Value | | 99.3 | 100 | |
| Total Nitrogen, % | | 10.13 | 10 | | |
| Available Phosphate, % | | 33.44 | 34 | | |
| Farmers Plant Food Inc | | | | | |
| Wolsey, SD | | | | | |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-20282 | | |
| | Total Nitrogen, % | | 28.72 | 28 | |
| Farmers Union Coop | | | | | |
| Reliance, SD | | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02268 | | |
| | Total Nitrogen, % | | 46.33 | 46 | |
| Farmers Union Coop Oil Company | | | | | |
| Flandreau, SD | | | | | |
| | Custom Dry Bulk Fertilizer 31-12-10 | | 06N-19902 | | |
| | Commercial Value | | 129. | 127.31 | |
| | Overall Index Value | | 101. | 100 | |
| | Total Nitrogen, % | | 30.51 | 31.34 | |
| | Available Phosphate, % | | 12.31 | 11.75 | |
| | Soluble Potash, % | | 12.62 | 9.79 | |
| Fousck Grain | | | | | |
| Wagner, SD | | | | | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-02515 | | |
| | Commercial Value | | 149. | 146 | |
| | Overall Index Value | | 102. | 100 | |
| | Total Nitrogen, % | | 17.96 | 18 | |
| | Available Phosphate, % | | 47.53 | 46 | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02516 | | |
| | Total Nitrogen, % | | 46.36 | 46 | |
| Free Flow Fertilizer | | | | | |
| Maumee, OH | | | | | |
| | *** Lawn & Garden Fertilizer 28-3-3 | | 06N-09430 | | |
| | Commercial Value | | 92.1 | 93 | |
| | Overall Index Value | | 99.0 | 100 | |
| | Total Nitrogen, % | | 26.76 | 28 | DEFICIENT |
| | Available Phosphate, % | | 4.02 | 3 | |
| | Soluble Potash, % | | 2.71 | 3 | |

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|--|------------------------|------------------|-------|
| Fremar Agronomy Marion, SD | | | | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-03143 | |
| | | Commercial Value | 145. | 146 |
| | | Overall Index Value | 99.4 | 100 |
| | | Total Nitrogen, % | 17.86 | 18 |
| | | Available Phosphate, % | 45.75 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-07520 | |
| | | Total Nitrogen, % | 46.68 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-07521 | |
| | | Commercial Value | 148. | 146 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 17.96 | 18 |
| | | Available Phosphate, % | 47.22 | 46 |
| Hamlin County Farmers Coop Hayti, SD | | | | |
| | Custom Dry Bulk Fertilizer 40-10-0 | | 06N-06846 | |
| | | Commercial Value | 141. | 140 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 40.08 | 40 |
| | | Available Phosphate, % | 10.51 | 10 |
| Howard Farmers Coop Howard, SD | | | | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-11255 | |
| | | Commercial Value | 96.4 | 98 |
| | | Overall Index Value | 98.3 | 100 |
| | | Total Nitrogen, % | 9.93 | 10 |
| | | Available Phosphate, % | 33.29 | 34 |
| Howard Johnsons Enterprises Inc Milwaukee, WI | | | | |
| | All Purpose Dry Fertilizer 10-10-10 | | 06N-05947 | |
| | | Commercial Value | 62.5 | 60 |
| | | Overall Index Value | 104. | 100 |
| | | Total Nitrogen, % | 10.66 | 10 |
| | | Available Phosphate, % | 10.24 | 10 |
| | | Soluble Potash, % | 10.06 | 10 |
| | *** Hardware Hank Turf Food 28-3-4 | | 06N-08665 | |
| | | Commercial Value | 87.7 | 94 |
| | | Iron, % | 1.35 | 1 |
| | | Overall Index Value | 93.3 | 100 |
| | | Total Nitrogen, % | 25.21 | 28 |
| | | Available Phosphate, % | 2.79 | 3 |
| | | Soluble Potash, % | 4.36 | 4 |
| | | Sulfur, % | 4.05 | 2.94 |
| | Hardware Hank All Purpose Fertilizer 10-10-10 | | 06N-08666 | |
| | | Commercial Value | 60.0 | 60 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 9.63 | 10 |
| | | Available Phosphate, % | 10.42 | 10 |
| | | Soluble Potash, % | 10.30 | 10 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|-------------------------------------|--|------------------------|------------------|---------------|
| | Hardware Hank Weed & Feed Plus 26-3-4 | | 06N-08667 | |
| | | Commercial Value | 89.8 | 88 |
| | | Iron, % | 0.92 | 1 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 26.04 | 26 |
| | | Available Phosphate, % | 3.79 | 3 |
| | | Soluble Potash, % | 4.13 | 4 |
| | | Sulfur, % | 3.57 | 2.9 |
| | ** Howard Johnson All Purpose Fertilizer 10-10-10 | | 06N-14797 | |
| | | Commercial Value | 54.3 | 60 |
| | | Overall Index Value | 90.4 | 100 DEFICIENT |
| | | Total Nitrogen, % | 9.05 | 10 DEFICIENT |
| | | Available Phosphate, % | 9.04 | 10 DEFICIENT |
| | | Soluble Potash, % | 9.07 | 10 DEFICIENT |
| Johnsons Ranchers Supply Inc | | | | |
| Wall, SD | | | | |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-09631 | |
| | | Total Nitrogen, % | 30.10 | 28 |
| JR Simplot | | | | |
| Rock Springs, WY | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-17927 | |
| | | Commercial Value | 136. | 137 |
| | | Overall Index Value | 99.6 | 100 |
| | | Total Nitrogen, % | 11.29 | 11 |
| | | Available Phosphate, % | 51.53 | 52 |
| JRS Rock Springs | | | | |
| Rock Springs, WY | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-04626 | |
| | | Arsenic, ug/g (ppm) | <1.0 | |
| | | Cadmium, ug/g (ppm) | <0.5 | |
| | | Cobalt, ug/g (ppm) | 2.6 | |
| | | Commercial Value | 136. | 137 |
| | | Overall Index Value | 99.6 | 100 |
| | | Total Nitrogen, % | 11.20 | 11 |
| | | Available Phosphate, % | 51.41 | 52 |
| | | Lead, ug/g (ppm) | 3.6 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | 1.8 | |
| | | Nickel, ug/g (ppm) | 25.9 | |
| | | Selenium, ug/g (ppm) | <0.100 | |
| | | Zinc, ug/g (ppm) | 77.4 | |
| Koch Nitrogen Co. | | | | |
| Houston, TX | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-10374 | |
| | | Total Nitrogen, % | 46.60 | 46 |
| Koch Nitrogen Company | | | | |
| Enid, OK | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-07475 | |
| | | Total Nitrogen, % | 46.57 | 46 |
| Kugler Company | | | | |
| Culberton, NE | | | | |
| | Liquid Bulk Fertilizer 12-0-0-S26 | | 06N-07472 | |
| | | Total Nitrogen, % | 12.08 | 12 |
| | | Sulfur, % | 25.71 | 26 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|--|------------------------|------------------|-----------------|
| Lilly Miller Brands F1475 Clackamas, OR | | | | |
| | Alaska Fish Fertilizer 5-1-1 | | 06N-04347 | |
| | | Commercial Value | 20.0 | 18 |
| | | Overall Index Value | 111. | 100 |
| | | Total Nitrogen, % | 4.75 | 5 |
| | | Available Phosphate, % | 1.96 | 1 |
| | | Soluble Potash, % | 1.80 | 1 |
| Madison Farmers Elevator Madison, SD | | | | |
| | ** Liquid Bulk Fertilizer 28-0-0 | | 06N-07516 | |
| | | Total Nitrogen, % | 26.51 | 28 DEFICIENT |
| | Custom Dry Bulk Fertilizer 31.84-8.68-11.58 | | 06N-07519 | |
| | | Commercial Value | 125. | 124.46 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 32.29 | 31.84 |
| | | Available Phosphate, % | 8.33 | 8.68 |
| | | Soluble Potash, % | 11.82 | 11.58 |
| Martin Resources Seneca, IL | | | | |
| | Sulfur 90% | | 06N-19908 | |
| | | Sulfur, % | 90.66 | 90 |
| Maxwell Colony Scotland, SD | | | | |
| | ** Dry Bulk Fertilizer 18-46-0 Second Grade (scrap) | | 06N-07448 | |
| | | Arsenic, ug/g (ppm) | <1.0 | |
| | | Cadmium, ug/g (ppm) | 7.1 | |
| | | Cobalt, ug/g (ppm) | 2.4 | |
| | | Commercial Value | 63.5 | 146 |
| | | Overall Index Value | 70.9 | 100 DEFICIENT |
| | | Total Nitrogen, % | 19.73 | 18 |
| | | Available Phosphate, % | 21.80 | 46 DEFICIENT |
| | | Lead, ug/g (ppm) | 1.2 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | 5.4 | |
| | | Nickel, ug/g (ppm) | 12.1 | |
| | | Selenium, ug/g (ppm) | <0.100 | |
| | | Zinc, ug/g (ppm) | 327. | |
| Mettler Fertilizer Inc Menno, SD | | | | |
| | ** Custom Liquid Fertilizer 26.39-0-0-S2.610 | | 06N-06942 | |
| | | Total Nitrogen, % | 26.20 | 26.38 |
| | | Sulfur, % | 1.68 | 2.61 DEFICIENT |
| | ** Custom Dry Bulk Fertilizer 30.75-15.37-7.69 | | 06N-06943 | |
| | | Commercial Value | 118. | 130.68 |
| | | Overall Index Value | 88.7 | 100 DEFICIENT |
| | | Total Nitrogen, % | 28.36 | 30.75 DEFICIENT |
| | | Available Phosphate, % | 9.51 | 15.37 DEFICIENT |
| | | Soluble Potash, % | 15.20 | 7.69 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|----------------------------------|---|---------|------------------|--------|
| Mettlere Fertilizer Tripp | | | | |
| Tripp, SD | | | | |
| | Custom Dry Bulk Fertilizer 31.36-14.73-7.4 | | 06N-07216 | |
| | Commercial Value | | 133. | 130.94 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 30.58 | 31.36 |
| | Available Phosphate, % | | 16.20 | 14.73 |
| | Soluble Potash, % | | 8.71 | 7.4 |
| Midwest Cooperatives | | | | |
| Onida, SD | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-07478 | |
| | Commercial Value | | 139. | 137 |
| | Overall Index Value | | 102. | 100 |
| | Total Nitrogen, % | | 11.07 | 11 |
| | Available Phosphate, % | | 52.93 | 52 |
| Midwest Cooperatives | | | | |
| Philip, SD | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-05875 | |
| | Commercial Value | | 139. | 137 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 11.28 | 11 |
| | Available Phosphate, % | | 52.35 | 52 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-05876 | |
| | Total Nitrogen, % | | 46.43 | 46 |
| Midwest Cooperatives | | | | |
| Pierre, SD | | | | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-10744 | |
| | Commercial Value | | 96.2 | 98 |
| | Overall Index Value | | 98.2 | 100 |
| | Total Nitrogen, % | | 9.84 | 10 |
| | Available Phosphate, % | | 33.35 | 34 |
| Milorganite | | | | |
| Milwaukee, WI | | | | |
| | Milorganite Fertilizer 6-2-0 | | 06N-11519 | |
| | Arsenic, ug/g (ppm) | | <1.0 | |
| | Cadmium, ug/g (ppm) | | 1.5 | |
| | Cobalt, ug/g (ppm) | | 5.5 | |
| | Calcium, % | | 1.83 | 1.2 |
| | Chlorine, % | | 0.24 | 1 |
| | Commercial Value | | 26.7 | 22 |
| | Iron, % | | 5.38 | 4 |
| | Overall Index Value | | 121. | 100 |
| | Total Nitrogen, % | | 6.15 | 6 |
| | Available Phosphate, % | | 4.11 | 2 |
| | Lead, ug/g (ppm) | | 45.4 | |
| | Mercury, ug/g (ppm) | | 0.30 | |
| | Molybdenum, ug/g (ppm) | | 10. | |
| | Nickel, ug/g (ppm) | | 26.6 | |
| | Selenium, ug/g (ppm) | | 16.9 | |
| | Zinc, ug/g (ppm) | | 543. | |

| Manufacturer Location | Product | Analyte | Found | Claim |
|-----------------------------------|--|---------|------------------|--------|
| Missouri River Farms Inc. | | | | |
| Yankton, SD | | | | |
| | Custom Dry Bulk Fertilizer 30.88-15.44-7.72 | | 06N-07226 | |
| | Commercial Value | | 131. | 131.24 |
| | Overall Index Value | | 99.5 | 100 |
| | Total Nitrogen, % | | 30.20 | 30.88 |
| | Available Phosphate, % | | 14.99 | 15.44 |
| | Soluble Potash, % | | 10.36 | 7.72 |
| Mosaic Company | | | | |
| Fargo, SD | | | | |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-20407 | |
| | Commercial Value | | 146. | 146 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 17.96 | 18 |
| | Available Phosphate, % | | 46.24 | 46 |
| Mosaic Crop Nutrition, LLC | | | | |
| Savage, MN | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-08687 | |
| | Commercial Value | | 138. | 137 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 10.94 | 11 |
| | Available Phosphate, % | | 52.50 | 52 |
| Mosaic Phosphates Co. | | | | |
| Riverview, FL | | | | |
| | *** Dry Bulk Fertilizer 18-46-0 | | 06N-07409 | |
| | Commercial Value | | 141. | 146 |
| | Overall Index Value | | 96.3 | 100 |
| | Total Nitrogen, % | | 13.95 | 18 |
| | Available Phosphate, % | | 49.44 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-08469 | |
| | Commercial Value | | 136. | 137 |
| | Overall Index Value | | 99.2 | 100 |
| | Total Nitrogen, % | | 11.14 | 11 |
| | Available Phosphate, % | | 51.26 | 52 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-10373 | |
| | Commercial Value | | 138. | 137 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 10.98 | 11 |
| | Available Phosphate, % | | 52.56 | 52 |
| Mosaic USA LLC | | | | |
| Minneapolis, MN | | | | |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-07229 | |
| | Soluble Potash, % | | 60.19 | 60 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-09736 | |
| | Total Nitrogen, % | | 46.64 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-09738 | |
| | Commercial Value | | 137. | 137 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 11.04 | 11 |
| | Available Phosphate, % | | 51.69 | 52 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-09739 | |
| | Commercial Value | | 146. | 146 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 17.76 | 18 |
| | Available Phosphate, % | | 46.42 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---|---|---------|------------------|-------|
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-10375 | |
| | Total Nitrogen, % | | 27.93 | 28 |
| | Liquid Bulk Fertilizer 32-0-0 | | 06N-10376 | |
| | Total Nitrogen, % | | 31.96 | 32 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-10885 | |
| | Soluble Potash, % | | 59.71 | 60 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-10886 | |
| | Total Nitrogen, % | | 46.36 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-10887 | |
| | Commercial Value | | 146. | 146 |
| | Overall Index Value | | 99.7 | 100 |
| | Total Nitrogen, % | | 17.72 | 18 |
| | Available Phosphate, % | | 46.20 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-10888 | |
| | Commercial Value | | 137. | 137 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 11.07 | 11 |
| | Available Phosphate, % | | 52.06 | 52 |
| N Rich Plant Food Humboldt, SD | | | | |
| | Dry Fertilizer 20-14-12 | | 06N-05815 | |
| | Commercial Value | | 110. | 100 |
| | Overall Index Value | | 110. | 100 |
| | Total Nitrogen, % | | 21.01 | 20 |
| | Available Phosphate, % | | 16.20 | 14 |
| | Soluble Potash, % | | 14.22 | 12 |
| | Dry Fertilizer 11-28-18 | | 06N-05816 | |
| | Commercial Value | | 117. | 107 |
| | Overall Index Value | | 110. | 100 |
| | Total Nitrogen, % | | 13.35 | 11 |
| | Available Phosphate, % | | 29.11 | 28 |
| | Soluble Potash, % | | 19.21 | 18 |
| | Dry Fertilizer 13-0-46 Cl-1.8 Na-1 | | 06N-05818 | |
| | Chlorine, % | | 0.45 | 0-1.8 |
| | Commercial Value | | 83.9 | 85 |
| | Overall Index Value | | 98.8 | 100 |
| | Sodium, % | | 0.21 | 0-1 |
| | Total Nitrogen, % | | 12.99 | 13 |
| | Soluble Potash, % | | 44.97 | 46 |
| Nutra-Flo Company Sioux City, IA | | | | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-07406 | |
| | Commercial Value | | 96.1 | 98 |
| | Overall Index Value | | 98.0 | 100 |
| | Total Nitrogen, % | | 9.74 | 10 |
| | Available Phosphate, % | | 33.29 | 34 |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-07515 | |
| | Total Nitrogen, % | | 28.02 | 28 |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-07518 | |
| | Commercial Value | | 97.0 | 98 |
| | Overall Index Value | | 99.0 | 100 |
| | Total Nitrogen, % | | 10.00 | 10 |
| | Available Phosphate, % | | 33.50 | 34 |
| | Liquid Bulk Fertilizer 12-0-0-S26 | | 06N-10378 | |
| | Total Nitrogen, % | | 12.26 | 12 |
| | Sulfur, % | | 26.75 | 26 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|------------------------------------|---|------------------------|------------------|-------|
| | Liquid Bulk Fertilizer 13-0-0-Zn15 | | 06N-10379 | |
| | | Arsenic, ug/g (ppm) | <1.0 | |
| | | Cadmium, ug/g (ppm) | 5.8 | |
| | | Cobalt, ug/g (ppm) | <0.2 | |
| | | Total Nitrogen, % | 13.50 | 13 |
| | | Zinc, % | 14.40 | 15 |
| | | Lead, ug/g (ppm) | 23.4 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | <1.0 | |
| | | Nickel, ug/g (ppm) | 18.3 | |
| | | Selenium, ug/g (ppm) | <0.100 | |
| | | Zinc, ug/g (ppm) | 144000. | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-11251 | |
| | | Commercial Value | 96.8 | 98 |
| | | Overall Index Value | 98.8 | 100 |
| | | Total Nitrogen, % | 9.81 | 10 |
| | | Available Phosphate, % | 33.68 | 34 |
| Organic Laboratories, Inc. | | | | |
| Stuart, FL | | | | |
| | ** Green Lightnin' Plant Food Concentrate 12-4-6 | | 06N-20304 | |
| | | Commercial Value | 52.4 | 50 |
| | | Overall Index Value | 105. | 100 |
| | | Total Nitrogen, % | 12.62 | 12 |
| | | Available Phosphate, % | 4.32 | 4 |
| | | Soluble Potash, % | 5.88 | 6 |
| | | Sulfur, % | 0.01 | 4 |
| | Black Gold Plant Micronutrients with Humic Acid | | 06N-20305 | |
| | | Iron, % | 1.69 | 1.5 |
| PCS Sales (USA) Inc. | | | | |
| Northbrook, IL | | | | |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-08153 | |
| | | Soluble Potash, % | 58.69 | 60 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-09737 | |
| | | Soluble Potash, % | 59.64 | 60 |
| PCS Sales, Inc. | | | | |
| Saskatoon, Saskatchewan, CN | | | | |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-20406 | |
| | | Soluble Potash, % | 60.25 | 60 |
| Rockport Fertilizers | | | | |
| Alexandria, SD | | | | |
| | Dry Bulk Fertilizer 0-3-0 | | 06N-10571 | |
| | | Available Phosphate, % | 8.63 | 3 |
| | Dry Bulk Fertilizer 0-0-50-S17 | | 06N-10572 | |
| | | Soluble Potash, % | 50.02 | 50 |
| | | Sulfur, % | 18.35 | 17 |
| | Dry Bulk Fertilizer 0-0-20-21S-10Mg | | 06N-10573 | |
| | | Magnesium, % | 9.53 | 10 |
| | | Soluble Potash, % | 21.52 | 20 |
| | | Sulfur, % | 22.03 | 21 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-10574 | |
| | | Commercial Value | 138. | 137 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 11.04 | 11 |
| | | Available Phosphate, % | 52.62 | 52 |

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| Manufacturer Location | Product | Analyte | Found | Claim |
|--------------------------------|---|------------------------|------------------|-------|
| | Dry Bulk Fertilizer 21-0-0-24S | | 06N-10575 | |
| | | Total Nitrogen, % | 21.27 | 21 |
| | | Sulfur, % | 24.54 | 24 |
| | Dry Bulk Fertilizer Calcium 23% Sulfur 17% | | 06N-10576 | |
| | | Calcium, % | 22.35 | 23 |
| | | Sulfur, % | 18.03 | 17 |
| | Dry Bulk Fertilizer Calcium 38% | | 06N-10577 | |
| | | Calcium, % | 37.54 | 38 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-10580 | |
| | | Total Nitrogen, % | 46.32 | 46 |
| | Dry Bulk Fertilizer 5-5-5 | | 06N-10581 | |
| | | Arsenic, ug/g (ppm) | 50.1 | |
| | | Cadmium, ug/g (ppm) | 4.8 | |
| | | Cobalt, ug/g (ppm) | 12.8 | |
| | | Commercial Value | 40.0 | 30 |
| | | Overall Index Value | 133. | 100 |
| | | Total Nitrogen, % | 5.14 | 5 |
| | | Available Phosphate, % | 9.37 | 5 |
| | | Soluble Potash, % | 5.83 | 5 |
| | | Lead, ug/g (ppm) | 396. | |
| | | Mercury, ug/g (ppm) | 0.080 | |
| | | Molybdenum, ug/g (ppm) | 10. | |
| | | Nickel, ug/g (ppm) | 42.9 | |
| | | Selenium, ug/g (ppm) | 2.57 | |
| | | Zinc, ug/g (ppm) | 26400. | |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-10582 | |
| | | Soluble Potash, % | 59.21 | 60 |
| Rosebud Farmers Union | | | | |
| Fairfax, SD | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02277 | |
| | | Total Nitrogen, % | 46.38 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-02278 | |
| | | Commercial Value | 144. | 146 |
| | | Overall Index Value | 99.0 | 100 |
| | | Total Nitrogen, % | 18.00 | 18 |
| | | Available Phosphate, % | 45.24 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-21264 | |
| | | Total Nitrogen, % | 46.56 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-21265 | |
| | | Commercial Value | 148. | 146 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 18.19 | 18 |
| | | Available Phosphate, % | 46.59 | 46 |
| Saskferco | | | | |
| Belle Plaine, Sask., CN | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-04625 | |
| | | Total Nitrogen, % | 46.67 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-07479 | |
| | | Total Nitrogen, % | 46.70 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-10542 | |
| | | Total Nitrogen, % | 46.68 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-16854 | |
| | | Total Nitrogen, % | 46.65 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-17926 | |
| | | Total Nitrogen, % | 46.45 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|------------------------------------|---|------------------------|--------|-------|
| | Dry Bulk Fertilizer 46-0-0 | Total Nitrogen, % | 46.63 | 46 |
| | | | | |
| Saskferco Regina, Saskatchewan, | Dry Bulk Fertilizer 46-0-0 | Total Nitrogen, % | 46.39 | 46 |
| Schultz Company Bridgeton, MO | Schultz All Purpose "Starts & Feeds" Plant Food | Commercial Value | 71.2 | 70 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 10.08 | 10 |
| | | Available Phosphate, % | 15.47 | 15 |
| | | Soluble Potash, % | 9.95 | 10 |
| | Schultz Bloom Plus Plant Food 10-54-10 | Commercial Value | 150. | 148 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 9.71 | 10 |
| | | Available Phosphate, % | 54.98 | 54 |
| | | Soluble Potash, % | 11.39 | 10 |
| | Schultz All Purpose Plant Food | Commercial Value | 166. | 140 |
| | | Overall Index Value | 119. | 100 |
| | | Total Nitrogen, % | 26.44 | 20 |
| | | Available Phosphate, % | 31.70 | 30 |
| | | Soluble Potash, % | 20.50 | 20 |
| | Schultz All Purpose Liquid Plant Food 10-15-10 | Commercial Value | 69.2 | 70 |
| | | Overall Index Value | 98.8 | 100 |
| | | Total Nitrogen, % | 9.84 | 10 |
| | | Available Phosphate, % | 14.97 | 15 |
| | | Soluble Potash, % | 9.72 | 10 |
| | Schultz Iron Green 15-0-0 | Arsenic, ug/g (ppm) | <1.0 | |
| | | Cadmium, ug/g (ppm) | <0.5 | |
| | | Cobalt, ug/g (ppm) | 8.2 | |
| | | Iron, % | 5.60 | 6 |
| | | Total Nitrogen, % | 15.66 | 15 |
| | | Sulfur, % | 5.39 | 4 |
| | | Lead, ug/g (ppm) | 4.1 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | 2.9 | |
| | | Nickel, ug/g (ppm) | 25.2 | |
| | | Selenium, ug/g (ppm) | <0.100 | |
| | | Zinc, ug/g (ppm) | 170. | |
| *** | Schultz All Purpose Plant Food | Commercial Value | 136. | 140 |
| | | Overall Index Value | 97.1 | 100 |
| | | Total Nitrogen, % | 19.37 | 20 |
| | | Available Phosphate, % | 29.69 | 30 |
| | | Soluble Potash, % | 18.56 | 20 |
| | Schultz Starter Plus Transplanting Solution | Commercial Value | 41.3 | 40 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 5.25 | 5 |
| | | Available Phosphate, % | 10.11 | 10 |
| | | Soluble Potash, % | 5.29 | 5 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|--|------------------------|------------------|-------|
| | Schultz Orchid Food Water Soluble Plant Food 19-31-17 | | 06N-20303 | |
| | | Commercial Value | 140. | 136 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 18.96 | 19 |
| | | Available Phosphate, % | 32.62 | 31 |
| | | Soluble Potash, % | 17.58 | 17 |
| Scotts Company Marysville, OH | | | | |
| | Miracle Gro Rose Food 18-24-16 | | 06N-00487 | |
| | | Commercial Value | 127. | 118 |
| | | Overall Index Value | 108. | 100 |
| | | Total Nitrogen, % | 20.35 | 18 |
| | | Available Phosphate, % | 24.71 | 24 |
| | | Soluble Potash, % | 16.48 | 16 |
| | Miracle Gro Water Soluble Tomato Plant Food 18-18-21 | | 06N-00488 | |
| | | Commercial Value | 109. | 111 |
| | | Overall Index Value | 98.0 | 100 |
| | | Total Nitrogen, % | 17.39 | 18 |
| | | Available Phosphate, % | 17.62 | 18 |
| | | Soluble Potash, % | 21.04 | 21 |
| | Scotts Evergreen, Flowering Tree & Shrub 11-7-7 | | 06N-01873 | |
| | | Commercial Value | 61.9 | 54 |
| | | Overall Index Value | 115. | 100 |
| | | Total Nitrogen, % | 11.97 | 11 |
| | | Available Phosphate, % | 8.77 | 7 |
| | | Soluble Potash, % | 8.45 | 7 |
| | | Sulfur, % | 2.82 | 2.1 |
| | Scotts Superturf Builderplus Weed Control | | 06N-08348 | |
| | | Commercial Value | 98.2 | 96 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 29.61 | 29 |
| | | Available Phosphate, % | 3.05 | 3 |
| | | Soluble Potash, % | 3.26 | 3 |
| | | Sulfur, % | 10.53 | 9 |
| | Scotts Lawn Fertilizer 26-0-3-S15 | | 06N-08349 | |
| | | Commercial Value | 84.4 | 81 |
| | | Overall Index Value | 104. | 100 |
| | | Total Nitrogen, % | 27.01 | 26 |
| | | Soluble Potash, % | 3.41 | 3 |
| | | Sulfur, % | 16.21 | 15 |
| | Scotts Starter Fertilizer 20-27-5 | | 06N-08350 | |
| | | Commercial Value | 122. | 119 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 21.25 | 20 |
| | | Available Phosphate, % | 26.80 | 27 |
| | | Soluble Potash, % | 4.98 | 5 |
| | Scotts Super Turf Builder 30-3-3 | | 06N-08668 | |
| | | Commercial Value | 98.4 | 99 |
| | | Iron, % | 2.50 | 2 |
| | | Overall Index Value | 99.3 | 100 |
| | | Total Nitrogen, % | 29.82 | 30 |
| | | Available Phosphate, % | 2.94 | 3 |
| | | Soluble Potash, % | 3.01 | 3 |
| | | Sulfur, % | 9.83 | 8 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|--|------------------------|------------------|-------|
| | Expert Garden Weed & Feed 28-3-3 | | 06N-14798 | |
| | | Commercial Value | 92.6 | 93 |
| | | Overall Index Value | 99.6 | 100 |
| | | Total Nitrogen, % | 27.84 | 28 |
| | | Available Phosphate, % | 2.77 | 3 |
| | | Soluble Potash, % | 3.57 | 3 |
| Scotts Miracle-Gro Products, Inc. | | | | |
| Marysville, OH | | | | |
| | Miracle Gro Quick Start Planting & Transplant | | 06N-05886 | |
| | | Commercial Value | 40.0 | 40 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 4.02 | 4 |
| | | Available Phosphate, % | 11.86 | 12 |
| | | Soluble Potash, % | 4.24 | 4 |
| | Miracle-Gro Liquid All Purpose Plant Food | | 06N-06258 | |
| | | Commercial Value | 54.1 | 52 |
| | | Overall Index Value | 104. | 100 |
| | | Total Nitrogen, % | 12.58 | 12 |
| | | Available Phosphate, % | 4.10 | 4 |
| | | Soluble Potash, % | 8.15 | 8 |
| | Miracle-Gro All Purpose Plant Food | | 06N-06259 | |
| | | Commercial Value | 122. | 104 |
| | | Overall Index Value | 117. | 100 |
| | | Total Nitrogen, % | 28.46 | 24 |
| | | Available Phosphate, % | 9.40 | 8 |
| | | Soluble Potash, % | 17.78 | 16 |
| | Miracle Gro Water Soluble Tomato Plant Food 18-18-21 | | 06N-08347 | |
| | | Commercial Value | 113. | 111 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 18.64 | 18 |
| | | Available Phosphate, % | 18.44 | 18 |
| | | Soluble Potash, % | 20.68 | 21 |
| | Miracid Water Soluble Acid-Loving Plant Food 30-10-10 | | 06N-09642 | |
| | | Commercial Value | 122. | 120 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 29.92 | 30 |
| | | Available Phosphate, % | 10.60 | 10 |
| | | Soluble Potash, % | 11.21 | 10 |
| | Miracle Grow All Purpose Plant Food 15-30-15 | | 06N-10393 | |
| | | Commercial Value | 123. | 120 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 15.14 | 15 |
| | | Available Phosphate, % | 31.21 | 30 |
| | | Soluble Potash, % | 14.85 | 15 |
| | Miracle Gro African Violet Plant Food 7-7-7 | | 06N-20981 | |
| | | Commercial Value | 46.8 | 42 |
| | | Overall Index Value | 111. | 100 |
| | | Total Nitrogen, % | 7.75 | 7 |
| | | Available Phosphate, % | 8.28 | 7 |
| | | Soluble Potash, % | 7.00 | 7 |
| | Miracle Gro Water Soluble Rose Plant Food 18-24-16 | | 06N-20982 | |
| | | Commercial Value | 124. | 118 |
| | | Overall Index Value | 105. | 100 |
| | | Total Nitrogen, % | 19.69 | 18 |
| | | Available Phosphate, % | 24.13 | 24 |
| | | Soluble Potash, % | 16.32 | 16 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|--|------------------------|------------------|-------|
| | Miracle Gro Liquid All Purpose Plant Food 8-7-6 | | 06N-22224 | |
| | | Commercial Value | 48.9 | 44 |
| | | Overall Index Value | 111. | 100 |
| | | Total Nitrogen, % | 9.15 | 8 |
| | | Available Phosphate, % | 7.56 | 7 |
| | | Soluble Potash, % | 6.35 | 6 |
| | Miracle-Gro Organic Choice Bone Meal | | 06N-22225 | |
| | | Commercial Value | 41.8 | 36 |
| | | Overall Index Value | 116. | 100 |
| | | Total Nitrogen, % | 7.59 | 6 |
| | | Available Phosphate, % | 9.54 | 9 |
| Scotts Sierra Horticulture Marysville, OH | | | | |
| | Osmocote Plant Food 19-6-12 | | 06N-04342 | |
| | | Commercial Value | 86.9 | 81 |
| | | Overall Index Value | 107. | 100 |
| | | Total Nitrogen, % | 20.42 | 19 |
| | | Available Phosphate, % | 6.55 | 6 |
| | | Soluble Potash, % | 12.51 | 12 |
| | Osmocote Vegetable-Bedding Plant Food 14-14-14 | | 06N-05885 | |
| | | Commercial Value | 86.8 | 84 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 14.40 | 14 |
| | | Available Phosphate, % | 14.65 | 14 |
| | | Soluble Potash, % | 14.32 | 14 |
| | Osmocote Smart-Release Plant Food 14-14-14 | | 06N-20300 | |
| | | Commercial Value | 84.6 | 84 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 14.21 | 14 |
| | | Available Phosphate, % | 14.23 | 14 |
| | | Soluble Potash, % | 13.55 | 14 |
| | Osmocote Plant Food 18-6-12 | | 06N-21267 | |
| | | Commercial Value | 83.7 | 78 |
| | | Overall Index Value | 107. | 100 |
| | | Total Nitrogen, % | 19.33 | 18 |
| | | Available Phosphate, % | 6.39 | 6 |
| | | Soluble Potash, % | 12.95 | 12 |
| | Osmocote Slow Release Plant Food with Soil Acidifiers | | 06N-21798 | |
| | | Commercial Value | 51.3 | 45 |
| | | Iron, % | 3.41 | 2 |
| | | Overall Index Value | 114. | 100 |
| | | Total Nitrogen, % | 10.09 | 9 |
| | | Available Phosphate, % | 6.95 | 6 |
| | | Soluble Potash, % | 7.16 | 6 |
| | | Sulfur, % | 25.54 | 18.7 |
| SD Wheat Growers Wolsey, SD | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-05794 | |
| | | Commercial Value | 136. | 137 |
| | | Overall Index Value | 99.4 | 100 |
| | | Total Nitrogen, % | 11.15 | 11 |
| | | Available Phosphate, % | 51.39 | 52 |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-05796 | |
| | | Total Nitrogen, % | 20.89 | 21 |
| | | Sulfur, % | 24.79 | 24 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|--|---|------------------------|------------------|-------|
| | Dry Bulk Fertilizer 11-52-0 | | 06N-07474 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 11.21 | 11 |
| | | Available Phosphate, % | 51.91 | 52 |
| | Custom Dry Bulk Fertilizer 36-15-0 | | 06N-07476 | |
| | | Commercial Value | 141. | 138 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 35.65 | 36 |
| | | Available Phosphate, % | 17.11 | 15 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-10541 | |
| | | Total Nitrogen, % | 46.49 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-10543 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 11.46 | 11 |
| | | Available Phosphate, % | 51.59 | 52 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-18666 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 10.85 | 11 |
| | | Available Phosphate, % | 52.34 | 52 |
| SD Wheatgrowers Chamberlain, SD | | | | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-21659 | |
| | | Commercial Value | 100. | 98 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 10.10 | 10 |
| | | Available Phosphate, % | 35.09 | 34 |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-21660 | |
| | | Commercial Value | 101. | 98 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 10.36 | 10 |
| | | Available Phosphate, % | 34.72 | 34 |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-21661 | |
| | | Total Nitrogen, % | 21.22 | 21 |
| | | Sulfur, % | 23.82 | 24 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-21662 | |
| | | Commercial Value | 137. | 137 |
| | | Overall Index Value | 99.7 | 100 |
| | | Total Nitrogen, % | 11.00 | 11 |
| | | Available Phosphate, % | 51.82 | 52 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-21663 | |
| | | Total Nitrogen, % | 46.50 | 46 |
| | Dry Bulk Fertilizer 0-0-62 | | 06N-21664 | |
| | | Soluble Potash, % | 61.33 | 62 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-21665 | |
| | | Soluble Potash, % | 60.61 | 60 |
| SD Wheatgrowers Assn Bath, SD | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-10548 | |
| | | Total Nitrogen, % | 46.74 | 46 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---|---|------------------------|------------------|-------|
| | Dry Bulk Fertilizer 18-46-0 | | 06N-10550 | |
| | | Commercial Value | 148. | 146 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 17.82 | 18 |
| | | Available Phosphate, % | 47.02 | 46 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-10551 | |
| | | Commercial Value | 139. | 137 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 11.62 | 11 |
| | | Available Phosphate, % | 51.96 | 52 |
| SD Wheatgrowers Assn Huron, SD | | | | |
| | Custom Dry Bulk Fertilizer 38-12-0 | | 06N-05791 | |
| | | Commercial Value | 139. | 138 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 37.40 | 38 |
| | | Available Phosphate, % | 13.39 | 12 |
| | Custom Dry Bulk Fertilizer 31-10-0 S-7.5 | | 06N-05792 | |
| | | Commercial Value | 113. | 113 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 30.79 | 31 |
| | | Available Phosphate, % | 10.32 | 10 |
| | | Sulfur, % | 8.64 | 7.5 |
| | Custom Dry Bulk Fertilizer 42-6-0 | | 06N-05793 | |
| | | Commercial Value | 138. | 138 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 42.18 | 42 |
| | | Available Phosphate, % | 5.85 | 6 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-05795 | |
| | | Total Nitrogen, % | 46.57 | 46 |
| | Custom Dry Bulk Fertilizer 36-10-0-S=2.8-Zn=1 | | 06N-05797 | |
| | | Commercial Value | 128. | 128 |
| | | Overall Index Value | 99.6 | 100 |
| | | Total Nitrogen, % | 36.18 | 36 |
| | | Available Phosphate, % | 9.53 | 10 |
| | | Sulfur, % | 3.58 | 2.8 |
| | | Zinc, % | 1.24 | 1 |
| | Custom Dry Bulk Fertilizer 42-6-0 | | 06N-05798 | |
| | | Commercial Value | 142. | 138 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 42.36 | 42 |
| | | Available Phosphate, % | 6.98 | 6 |
| | Custom Dry Bulk Fertilizer 29-26-0 | | 06N-05799 | |
| | | Commercial Value | 141. | 139 |
| | | Overall Index Value | 102. | 100 |
| | | Total Nitrogen, % | 29.90 | 29 |
| | | Available Phosphate, % | 25.66 | 26 |
| | Custom Dry Bulk Fertilizer 35-9-0-S=3.1-Zn=1.5 | | 06N-05800 | |
| | | Commercial Value | 128. | 123 |
| | | Overall Index Value | 104. | 100 |
| | | Total Nitrogen, % | 36.47 | 35 |
| | | Available Phosphate, % | 9.52 | 9 |
| | | Sulfur, % | 4.13 | 3.1 |
| | | Zinc, % | 2.22 | 1.5 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|----------------------------------|---|---------|------------------|-----------|
| | Custom Dry Bulk Fertilizer 17-20-11-S-5.8-Zn-1.1 | | 06N-05801 | |
| | Commercial Value | | 102. | 102 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 17.50 | 17 |
| | Available Phosphate, % | | 19.32 | 20 |
| | Soluble Potash, % | | 11.09 | 11 |
| | Sulfur, % | | 6.82 | 5.8 |
| | Zinc, % | | 1.29 | 1.1 |
| | ** Custom Dry Bulk Fertilizer 38-11-0 | | 06N-05803 | |
| | Commercial Value | | 139. | 136 |
| | Overall Index Value | | 102. | 100 |
| | Total Nitrogen, % | | 39.70 | 38 |
| | Available Phosphate, % | | 9.78 | 11 |
| | | | | DEFICIENT |
| | Custom Dry Bulk Fertilizer 38-11-0 | | 06N-07101 | |
| | Commercial Value | | 140. | 136 |
| | Overall Index Value | | 103. | 100 |
| | Total Nitrogen, % | | 38.63 | 38 |
| | Available Phosphate, % | | 12.30 | 11 |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-20283 | |
| | Commercial Value | | 98.7 | 98 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 10.25 | 10 |
| | Available Phosphate, % | | 33.99 | 34 |
| South Dakota Wheatgrowers | | | | |
| Redfield, SD | | | | |
| | Custom Dry Bulk Fertilizer 10.48-49.52-0-S .86 Zn 1.57 | | 06N-18664 | |
| | Commercial Value | | 132. | 130.48 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 10.49 | 10.48 |
| | Available Phosphate, % | | 50.31 | 49.52 |
| | Sulfur, % | | 2.13 | 0.86 |
| | Zinc, % | | 1.41 | 1.57 |
| | Custom Dry Bulk Fertilizer 10.35-48.94-0-S 1.06 Zn 1.947 | | 06N-18665 | |
| | Commercial Value | | 131. | 128.93 |
| | Overall Index Value | | 102. | 100 |
| | Total Nitrogen, % | | 10.41 | 10.35 |
| | Available Phosphate, % | | 50.06 | 48.94 |
| | Sulfur, % | | 2.19 | 1.06 |
| | Zinc, % | | 2.20 | 1.94 |
| Southern Plains Ag | | | | |
| Dante, SD | | | | |
| | Dry Bulk Fertilizer 21-0-0-24 | | 06N-02511 | |
| | Total Nitrogen, % | | 21.06 | 21 |
| | Sulfur, % | | 24.54 | 24 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-02512 | |
| | Total Nitrogen, % | | 46.52 | 46 |
| | ** Dry Bulk Fertilizer 0-0-60 | | 06N-02513 | |
| | Soluble Potash, % | | 54.39 | 60 |
| | | | | DEFICIENT |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-02514 | |
| | Commercial Value | | 137. | 137 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 10.84 | 11 |
| | Available Phosphate, % | | 52.31 | 52 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|----------------------------------|--|------------------------|------------------|-------|
| Swiss Farm Products, Inc. | | | | |
| Las Vegas, NV | | | | |
| | KGRO All Purpose Plant Food | | 06N-04343 | |
| | | Arsenic, ug/g (ppm) | <1.0 | |
| | | Cadmium, ug/g (ppm) | <0.5 | |
| | | Cobalt, ug/g (ppm) | <0.2 | |
| | | Commercial Value | 127. | 120 |
| | | Overall Index Value | 106. | 100 |
| | | Total Nitrogen, % | 17.01 | 15 |
| | | Available Phosphate, % | 30.21 | 30 |
| | | Soluble Potash, % | 15.37 | 15 |
| | | Lead, ug/g (ppm) | 1.0 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | 1.3 | |
| | | Nickel, ug/g (ppm) | 0.6 | |
| | | Selenium, ug/g (ppm) | <0.100 | |
| | | Zinc, ug/g (ppm) | 610. | |
| Terra Nitrogen Corp | | | | |
| Sioux City, IA | | | | |
| | Liquid Bulk Fertilizer 32-0-0 | | 06N-07411 | |
| | | Total Nitrogen, % | 31.87 | 32 |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-11369 | |
| | | Total Nitrogen, % | 27.64 | 28 |
| Terra Nitrogen, L.P. | | | | |
| Sergant Bluff, IA | | | | |
| | Liquid Bulk Fertilizer 32-0-0 | | 06N-07477 | |
| | | Total Nitrogen, % | 32.10 | 32 |
| Tessengerlo Kerley, Inc. | | | | |
| Billings, MT | | | | |
| | Liquid Bulk Fertilizer 12-0-0-S26 | | 06N-09633 | |
| | | Total Nitrogen, % | 12.36 | 12 |
| | | Sulfur, % | 25.49 | 26 |
| Tetra Micronutrients | | | | |
| Fairbury, NE | | | | |
| | Dry Bulk Fertilizer 0-0-0-Z31 | | 06N-09741 | |
| | | Arsenic, ug/g (ppm) | <1.0 | |
| | | Cadmium, ug/g (ppm) | 2.8 | |
| | | Cobalt, ug/g (ppm) | 0.6 | |
| | | Zinc, % | 33.95 | 31 |
| | | Lead, ug/g (ppm) | <1.0 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | <1.0 | |
| | | Nickel, ug/g (ppm) | 7.8 | |
| | | Selenium, ug/g (ppm) | 0.156 | |
| | | Zinc, ug/g (ppm) | 340000. | |
| The Scotts Company | | | | |
| Marysville, OH | | | | |
| | Scotts Liquid Turf Builder 29-2-3 | | 06N-03068 | |
| | | Commercial Value | 96.6 | 94 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 29.77 | 29 |
| | | Available Phosphate, % | 2.11 | 2 |
| | | Soluble Potash, % | 3.10 | 3 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---------------------------|---|------------------------|------------------|-------|
| | Scotts Starter Fertilizer 20-27-5 | | 06N-04344 | |
| | | Commercial Value | 122. | 119 |
| | | Overall Index Value | 103. | 100 |
| | | Total Nitrogen, % | 20.89 | 20 |
| | | Available Phosphate, % | 27.26 | 27 |
| | | Soluble Potash, % | 5.27 | 5 |
| | Expert Garden Crabgrass Peventor | | 06N-05949 | |
| | | Commercial Value | 104. | 100 |
| | | Overall Index Value | 104. | 100 |
| | | Total Nitrogen, % | 30.12 | 30 |
| | | Available Phosphate, % | 4.13 | 3 |
| | | Soluble Potash, % | 5.07 | 4 |
| | | Sulfur, % | 2.90 | 2.6 |
| | Scotts All Purpose Flower & Vegetable Plant Food | | 06N-06261 | |
| | | Commercial Value | 76.0 | 60 |
| | | Overall Index Value | 127. | 100 |
| | | Total Nitrogen, % | 11.01 | 10 |
| | | Available Phosphate, % | 15.30 | 10 |
| | | Soluble Potash, % | 12.34 | 10 |
| | | Sulfur, % | 2.96 | 2 |
| | LawnPro Super Turf Builder 30-3-3 | | 06N-07739 | |
| | | Commercial Value | 99.5 | 99 |
| | | Iron, % | 2.21 | 2 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 30.11 | 30 |
| | | Available Phosphate, % | 3.05 | 3 |
| | | Soluble Potash, % | 3.02 | 3 |
| | | Sulfur, % | 8.66 | 8 |
| | Scott's Turf Builder Plus 2 28-3-3 | | 06N-09431 | |
| | | Commercial Value | 96.9 | 93 |
| | | Overall Index Value | 104. | 100 |
| | | Total Nitrogen, % | 29.16 | 28 |
| | | Available Phosphate, % | 3.10 | 3 |
| | | Soluble Potash, % | 3.24 | 3 |
| | Scotts All Purpose Flower & Vegetable Slow Release | | 06N-21796 | |
| | | Commercial Value | 71.4 | 60 |
| | | Overall Index Value | 119. | 100 |
| | | Total Nitrogen, % | 11.38 | 10 |
| | | Available Phosphate, % | 12.53 | 10 |
| | | Soluble Potash, % | 12.24 | 10 |
| | | Sulfur, % | 3.01 | 2 |
| Turnis Farm Supply | | | | |
| Platte, SD | | | | |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-20991 | |
| | | Total Nitrogen, % | 28.24 | 28 |
| | Liquid Bulk Fertilizer 12-0-0-26 | | 06N-20992 | |
| | | Total Nitrogen, % | 12.23 | 12 |
| | | Sulfur, % | 26.32 | 26 |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-20993 | |
| | | Commercial Value | 97.3 | 98 |
| | | Overall Index Value | 99.2 | 100 |
| | | Total Nitrogen, % | 9.94 | 10 |
| | | Available Phosphate, % | 33.72 | 34 |
| United Suppliers | | | | |
| Hastings, NE | | | | |
| | Liquid Bulk Fertilizer 32-0-0 | | 06N-08591 | |
| | | Total Nitrogen, % | 31.85 | 32 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---|---|------------------------|------------------|---------------|
| United Suppliers Inc. Eldora, IA | | | | |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-07220 | |
| | | Commercial Value | 135. | 137 |
| | | Overall Index Value | 98.9 | 100 |
| | | Total Nitrogen, % | 10.83 | 11 |
| | | Available Phosphate, % | 51.47 | 52 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-08592 | |
| | | Total Nitrogen, % | 46.49 | 46 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-09627 | |
| | | Soluble Potash, % | 59.82 | 60 |
| United Suppliers, Inc. Sioux Falls, SD | | | | |
| | Dry Bulk Fertilizer Sulfur 90% Montana | | 06N-08583 | |
| | | Sulfur, % | 90.63 | 90 |
| Univar USA Kirkland, WA | | | | |
| | Dry Fertilizer 12-61-0 | | 06N-05819 | |
| | | Arsenic, ug/g (ppm) | 57.4 | |
| | | Cadmium, ug/g (ppm) | <0.5 | |
| | | Cobalt, ug/g (ppm) | <0.2 | |
| | | Commercial Value | 159. | 158 |
| | | Overall Index Value | 101. | 100 |
| | | Total Nitrogen, % | 12.27 | 12 |
| | | Available Phosphate, % | 61.06 | 61 |
| | | Lead, ug/g (ppm) | 1.2 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | <1.0 | |
| | | Nickel, ug/g (ppm) | 1.1 | |
| | | Selenium, ug/g (ppm) | 0.210 | |
| | | Zinc, ug/g (ppm) | 75.2 | |
| Upper River Services St. Paul, MN | | | | |
| | *** Dry Bulk Fertilizer 11-52-0 second grade (scrap) | | 06N-07447 | |
| | | Arsenic, ug/g (ppm) | <1.0 | |
| | | Cadmium, ug/g (ppm) | 5.3 | |
| | | Cobalt, ug/g (ppm) | 2.7 | |
| | | Commercial Value | 120. | 137 |
| | | Overall Index Value | 87.7 | 100 DEFICIENT |
| | | Total Nitrogen, % | 17.38 | 11 |
| | | Available Phosphate, % | 34.31 | 52 DEFICIENT |
| | | Lead, ug/g (ppm) | 3.1 | |
| | | Mercury, ug/g (ppm) | <0.050 | |
| | | Molybdenum, ug/g (ppm) | 9.8 | |
| | | Nickel, ug/g (ppm) | 11.4 | |
| | | Selenium, ug/g (ppm) | 0.132 | |
| | | Zinc, ug/g (ppm) | 102. | |
| Valley Springs Farmers Coop Valley Springs, SD | | | | |
| | Custom Dry Bulk Fertilizer 32.8-9.7-9.6 | | 06N-20405 | |
| | | Commercial Value | 127. | 127.4 |
| | | Overall Index Value | 100. | 100 |
| | | Total Nitrogen, % | 32.61 | 32.8 |
| | | Available Phosphate, % | 9.61 | 9.7 |
| | | Soluble Potash, % | 10.43 | 9.6 |

| Manufacturer Location | Product | Analyte | Found | Claim | |
|---|--|------------------------|------------------|-------|-----------|
| | *** Custom Dry Bulk Fertilizer 10.8-27.5-24.1 | | 06N-20408 | | |
| | | Commercial Value | 108. | 111.5 | |
| | | Overall Index Value | 96.7 | 100 | DEFICIENT |
| | | Total Nitrogen, % | 10.06 | 10.8 | DEFICIENT |
| | | Available Phosphate, % | 25.36 | 27.5 | DEFICIENT |
| | | Soluble Potash, % | 26.13 | 24.1 | |
| Verdicon, Inc. Greeley, CO | | | | | |
| | *** Signature Weed and Feed | | 06N-10130 | | |
| | | Commercial Value | 69.1 | 75 | |
| | | Overall Index Value | 95.1 | 100 | DEFICIENT |
| | | Total Nitrogen, % | 21.68 | 23 | DEFICIENT |
| | | Soluble Potash, % | 6.14 | 6 | |
| Voluntary Purchasing Grps. Inc. Bonham, TX | | | | | |
| | Hi-Yield Blood Meal | | 06N-20299 | | |
| | | Total Nitrogen, % | 14.93 | 12 | |
| | ferti-lome Blooming & Rooting Plant Food 9-59-8 | | 06N-20301 | | |
| | | Commercial Value | 155. | 153 | |
| | | Overall Index Value | 101. | 100 | |
| | | Total Nitrogen, % | 9.66 | 9 | |
| | | Available Phosphate, % | 59.06 | 59 | |
| | | Soluble Potash, % | 7.54 | 8 | |
| | ferti-lome Acid Loving Soluble Plant Food 31-11-11 | | 06N-20302 | | |
| | | Commercial Value | 137. | 126 | |
| | | Overall Index Value | 108. | 100 | |
| | | Total Nitrogen, % | 31.72 | 31 | |
| | | Available Phosphate, % | 12.41 | 11 | |
| | | Soluble Potash, % | 16.59 | 11 | |
| | Hi-Yield Cottonseed Meal | | 06N-20306 | | |
| | | Commercial Value | 22.9 | 21 | |
| | | Overall Index Value | 109. | 100 | |
| | | Total Nitrogen, % | 6.63 | 6 | |
| | | Available Phosphate, % | 0.46 | 1 | |
| | | Soluble Potash, % | 2.06 | 1 | |
| | Hi-Yield Garden Fertilizer 8-10-8 | | 06N-20307 | | |
| | | Commercial Value | 60.8 | 52 | |
| | | Overall Index Value | 117. | 100 | |
| | | Total Nitrogen, % | 8.52 | 8 | |
| | | Available Phosphate, % | 12.69 | 10 | |
| | | Soluble Potash, % | 9.90 | 8 | |
| | Hi-Yield Iron Plus Soil Acidifier 11-0-0 | | 06N-20308 | | |
| | | Iron, % | 16.27 | 16 | |
| | | Total Nitrogen, % | 13.81 | 11 | |
| | | Sulfur, % | 17.46 | 13 | |
| Wal Mart Stores Inc Bentonville, AR | | | | | |
| | Lawn Food 29-3-4 Expert Garden | | 06N-05948 | | |
| | | Commercial Value | 101. | 97 | |
| | | Overall Index Value | 104. | 100 | |
| | | Total Nitrogen, % | 29.70 | 29 | |
| | | Available Phosphate, % | 3.62 | 3 | |
| | | Soluble Potash, % | 4.94 | 4 | |
| | | Sulfur, % | 2.84 | 2.8 | |

| Manufacturer Location | Product | Analyte | Found | Claim |
|---|---|---------|------------------|-------|
| Watertown Coop Elevator Watertown, SD | | | | |
| | Custom Dry Bulk Fertilizer 34-18-0 | | 06N-07116 | |
| | Commercial Value | | 142. | 138 |
| | Overall Index Value | | 103. | 100 |
| | Total Nitrogen, % | | 34.16 | 34 |
| | Available Phosphate, % | | 19.62 | 18 |
| | Custom Dry Bulk Fertilizer 32-12-8 | | 06N-07117 | |
| | Commercial Value | | 129. | 128 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 31.87 | 32.3 |
| | Available Phosphate, % | | 12.15 | 11.8 |
| | Soluble Potash, % | | 8.76 | 7.5 |
| | Custom Dry Bulk Fertilizer 29-17-7 | | 06N-07118 | |
| | Commercial Value | | 133. | 128 |
| | Overall Index Value | | 104. | 100 |
| | Total Nitrogen, % | | 29.66 | 29 |
| | Available Phosphate, % | | 18.05 | 17 |
| | Soluble Potash, % | | 7.80 | 7 |
| West Central Inc. Willmar, MN | | | | |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-06885 | |
| | Total Nitrogen, % | | 46.57 | 46 |
| | Dry Bulk Fertilizer 18-46-0 | | 06N-06886 | |
| | Commercial Value | | 146. | 146 |
| | Overall Index Value | | 100. | 100 |
| | Total Nitrogen, % | | 17.90 | 18 |
| | Available Phosphate, % | | 46.26 | 46 |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-06887 | |
| | Soluble Potash, % | | 59.92 | 60 |
| | Dry Bulk Fertilizer 11-52-0 | | 06N-19889 | |
| | Commercial Value | | 138. | 137 |
| | Overall Index Value | | 101. | 100 |
| | Total Nitrogen, % | | 11.26 | 11 |
| | Available Phosphate, % | | 52.07 | 52 |
| Western Consolidated South Shore, SD | | | | |
| | Liquid Bulk Fertilizer 28-0-0 | | 06N-07482 | |
| | Total Nitrogen, % | | 29.63 | 28 |
| Western Consolidated Coop Appleton, MN | | | | |
| | Liquid Bulk Fertilizer 10-34-0 | | 06N-07481 | |
| | Commercial Value | | 96.7 | 98 |
| | Overall Index Value | | 98.7 | 100 |
| | Total Nitrogen, % | | 10.03 | 10 |
| | Available Phosphate, % | | 33.30 | 34 |
| Wilbur-Ellis - Minot Yakima, WA | | | | |
| | Dry Bulk Fertilizer 0-0-60 | | 06N-16856 | |
| | Soluble Potash, % | | 59.16 | 60 |

| Manufacturer Location | Product | Analyte | Found | Claim |
|-----------------------------------|------------------------------------|------------------------|------------------|-------|
| Winona River & Rail Winona, MN | Dry Bulk Fertilizer 18-46-0 | | 06N-08151 | |
| | | Commercial Value | 144. | 146 |
| | | Overall Index Value | 98.9 | 100 |
| | | Total Nitrogen, % | 17.88 | 18 |
| | | Available Phosphate, % | 45.41 | 46 |
| | Dry Bulk Fertilizer 46-0-0 | | 06N-08152 | |
| | | Total Nitrogen, % | 46.44 | 46 |

SECTION C:

REGULATORY

ANALYTE

TOTALS

Regulatory Analyte Totals

| <u>Fertilizers Samples</u> | <u>Units</u> | <u>Received 1/1/2006 To 12/31/2006</u> |
|----------------------------|--------------|--|
| Arsenic | ug/g (ppm) | 17 |
| Cadmium | ug/g (ppm) | 17 |
| Calcium | % | 4 |
| Chlorine | % | 3 |
| Cobalt | ug/g (ppm) | 17 |
| Commercial Value | | 229 |
| Iron | % | 10 |
| Lead | ug/g (ppm) | 17 |
| Magnesium | % | 1 |
| Mercury | ug/g (ppm) | 17 |
| Molybdenum | ug/g (ppm) | 17 |
| Nickel | ug/g (ppm) | 17 |
| Nitrogen, Total | % | 345 |
| Overall Index Value | | 229 |
| Phosphate, Available | % | 224 |
| Potash, Soluble | % | 124 |
| Selenium | ug/g (ppm) | 17 |
| Sulfur | % | 63 |
| Zinc | % | 13 |
| Zinc | ug/g (ppm) | 17 |

SECTION D:

FERTILIZER

TONNAGE

SUMMARY

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|---------------|----------|--------|----------|--------|----------|---------|
| 0 | 0-0-0 | 8.09 | 0.50 | 0.00 | 7.59 | 7.59 | 0.50 |
| 0 | 0-0-1 | 1.02 | 0.02 | 0.00 | 1.00 | 0.00 | 1.02 |
| 0 | 0-0-2 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 |
| 0 | 0-0-7 | 2.13 | 2.13 | 0.00 | 0.00 | 2.00 | 0.13 |
| 0 | 0-0-22 | 4.33 | 0.00 | 4.33 | 0.00 | 4.33 | 0.00 |
| 0 | 0-0-25 | 178.04 | 0.00 | 50.00 | 128.04 | 177.99 | 0.05 |
| 0 | 0-0-45 | 102.56 | 0.00 | 102.56 | 0.00 | 101.43 | 1.13 |
| 0 | 0-0-61 | 1,662.35 | 0.87 | 1,661.48 | 0.00 | 1,662.35 | 0.00 |
| 0 | 0-0.01-0 | 4.75 | 4.75 | 0.00 | 0.00 | 0.00 | 4.75 |
| 0 | 0-0.1-0 | 0.42 | 0.42 | 0.00 | 0.00 | 0.00 | 0.42 |
| 0 | 0-22-28 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 |
| 0 | 0-52-0 | 6,499.53 | 0.00 | 6,499.53 | 0.00 | 6,499.53 | 0.00 |
| 0 | 0-57-0 | 0.78 | 0.78 | 0.00 | 0.00 | 0.78 | 0.00 |
| 0 | 0.02-0.02- | 0.42 | 0.00 | 0.00 | 0.42 | 0.00 | 0.42 |
| 0 | 0.027- | 0.41 | 0.41 | 0.00 | 0.00 | 0.00 | 0.41 |
| 0 | 0.03-0.002- | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 |
| 0 | 0.04-0.01- | 2.08 | 2.08 | 0.00 | 0.00 | 0.00 | 2.08 |
| 0 | 0.05-0.01- | 11.30 | 11.30 | 0.00 | 0.00 | 0.00 | 11.30 |
| 0 | 0.05-0.02- | 1.57 | 1.57 | 0.00 | 0.00 | 0.00 | 1.57 |
| 0 | 0.05-0.03- | 10.01 | 10.01 | 0.00 | 0.00 | 0.00 | 10.01 |
| 0 | 0.05-0.04- | 0.83 | 0.83 | 0.00 | 0.00 | 0.00 | 0.83 |
| 0 | 0.05-0.05- | 122.40 | 122.40 | 0.00 | 0.00 | 0.00 | 122.40 |
| 0 | 0.05-0.1-0.05 | 1.85 | 1.85 | 0.00 | 0.00 | 0.00 | 1.85 |
| 0 | 0.06-0.08- | 10.71 | 10.71 | 0.00 | 0.00 | 0.00 | 10.71 |
| 0 | 0.06-0.09- | 0.80 | 0.80 | 0.00 | 0.00 | 0.00 | 0.80 |
| 0 | 0.07-0.01- | 2.18 | 2.18 | 0.00 | 0.00 | 0.00 | 2.18 |
| 0 | 0.07-0.14- | 1.34 | 1.34 | 0.00 | 0.00 | 0.00 | 1.34 |
| 0 | 0.08-0.03- | 110.43 | 110.43 | 0.00 | 0.00 | 0.00 | 110.43 |
| 0 | 0.08-0.05- | 38.63 | 38.63 | 0.00 | 0.00 | 0.00 | 38.63 |
| 0 | 0.08-0.06- | 26.40 | 26.40 | 0.00 | 0.00 | 0.00 | 26.40 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|----------------|--------------|-----------|--------|-----------|--------|-----------|---------|
| 0 | 0.08-0.12- | 36.72 | 36.72 | 0.00 | 0.00 | 0.00 | 36.72 |
| 0 | 0.08-0.14- | 2.46 | 2.46 | 0.00 | 0.00 | 0.00 | 2.46 |
| 0 | 0.09-0.06- | 8.64 | 8.64 | 0.00 | 0.00 | 0.00 | 8.64 |
| 0 | 0.1-0.05-0.1 | 33.07 | 33.07 | 0.00 | 0.00 | 0.00 | 33.07 |
| 0 | 0.1-0.1-0.1 | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.00 |
| 0 | 0.11-0.04- | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.02 |
| 0 | 0.12-0.07- | 15.84 | 15.84 | 0.00 | 0.00 | 0.00 | 15.84 |
| 0 | 0.12-0.09- | 59.18 | 59.18 | 0.00 | 0.00 | 0.00 | 59.18 |
| 0 | 0.13-0.04- | 26.69 | 26.69 | 0.00 | 0.00 | 0.00 | 26.69 |
| 0 | 0.14-0.14- | 7.25 | 7.25 | 0.00 | 0.00 | 0.00 | 7.25 |
| 00.15-0.05-0.1 | | 329.32 | 329.32 | 0.00 | 0.00 | 0.00 | 329.32 |
| 0 | 0.15-0.12- | 6.00 | 6.00 | 0.00 | 0.00 | 0.00 | 6.00 |
| 0 | 0.18-0.01- | 5.69 | 5.69 | 0.00 | 0.00 | 0.00 | 5.69 |
| 0 | 0.18-0.1-0.1 | 141.57 | 141.57 | 0.00 | 0.00 | 0.00 | 141.57 |
| 0 | 0.2-0.2-0.2 | 0.04 | 0.00 | 0.00 | 0.04 | 0.00 | 0.04 |
| 0 | 0.21-0.07- | 735.36 | 735.36 | 0.00 | 0.00 | 0.00 | 735.36 |
| 00.3-0.25-0.15 | | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 |
| 0 | 1-0-0 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.05 |
| 0 | 1-0-1 | 9.00 | 9.00 | 0.00 | 0.00 | 0.00 | 9.00 |
| 0 | 1-1.5-1.3 | 10.68 | 10.68 | 0.00 | 0.00 | 0.00 | 10.68 |
| 0 | 1-11-0 | 0.09 | 0.09 | 0.00 | 0.00 | 0.00 | 0.09 |
| 0 | 1.1-4.8-0.84 | 36.16 | 36.16 | 0.00 | 0.00 | 0.00 | 36.16 |
| 0 | 1.3-1.9-1.5 | 22,854.00 | 0.00 | 22,854.00 | 0.00 | 22,854.00 | 0.00 |
| 0 | 1.3-5-1.1 | 800.00 | 0.00 | 800.00 | 0.00 | 800.00 | 0.00 |
| 01.75-1.5-1.25 | | 1,237.50 | 0.00 | 1,237.50 | 0.00 | 1,237.50 | 0.00 |
| 0 | 2-0-10 | 280.20 | 0.00 | 0.00 | 280.20 | 0.00 | 280.20 |
| 0 | 2-1-1 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |
| 0 | 2-1-2 | 0.14 | 0.14 | 0.00 | 0.00 | 0.00 | 0.14 |
| 0 | 2-1-6 | 115.00 | 0.00 | 0.00 | 115.00 | 115.00 | 0.00 |
| 0 | 2-2-3 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|-------------|----------|-------|----------|--------|--------|----------|
| 0 | 2-3-0.6 | 0.37 | 0.37 | 0.00 | 0.00 | 0.00 | 0.37 |
| 0 | 2-3-1 | 3.03 | 3.03 | 0.00 | 0.00 | 0.00 | 3.03 |
| 0 | 2-3-2 | 1.00 | 0.00 | 1.00 | 0.00 | 1.00 | 0.00 |
| 0 | 2-4-1 | 20.48 | 20.48 | 0.00 | 0.00 | 0.00 | 20.48 |
| 0 | 2-5-1 | 12.62 | 0.00 | 0.00 | 12.62 | 12.62 | 0.00 |
| 0 | 2-5-6 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.03 |
| 0 | 2-7-7 | 0.04 | 0.00 | 0.00 | 0.04 | 0.00 | 0.04 |
| 0 | 2-10-0 | 0.09 | 0.00 | 0.09 | 0.00 | 0.09 | 0.00 |
| 0 | 2.1-0.4-1.6 | 2,949.53 | 0.00 | 2,949.53 | 0.00 | 0.00 | 2,949.53 |
| 0 | 3-1-1 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.04 |
| 0 | 3-1-2 | 158.00 | 0.00 | 0.00 | 158.00 | 158.00 | 0.00 |
| 0 | 3-2-3 | 3.15 | 3.15 | 0.00 | 0.00 | 0.00 | 3.15 |
| 0 | 3-3-1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 0 | 3-4-1 | 21.06 | 21.06 | 0.00 | 0.00 | 0.00 | 21.06 |
| 0 | 3-4-3 | 0.10 | 0.00 | 0.10 | 0.00 | 0.10 | 0.00 |
| 0 | 3-5-3 | 0.08 | 0.08 | 0.00 | 0.00 | 0.00 | 0.08 |
| 0 | 3-6-0 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.00 |
| 0 | 3-17-17 | 15.00 | 0.00 | 0.00 | 15.00 | 15.00 | 0.00 |
| 0 | 3-18-18 | 996.57 | 0.00 | 63.00 | 933.57 | 996.57 | 0.00 |
| 0 | 4-0-10 | 7.45 | 7.45 | 0.00 | 0.00 | 0.15 | 7.30 |
| 0 | 4-1-1 | 112.00 | 0.00 | 0.00 | 112.00 | 112.00 | 0.00 |
| 0 | 4-3-1 | 0.16 | 0.16 | 0.00 | 0.00 | 0.00 | 0.16 |
| 0 | 4-3-2 | 319.00 | 0.00 | 319.00 | 0.00 | 319.00 | 0.00 |
| 0 | 4-3-3 | 0.08 | 0.00 | 0.00 | 0.08 | 0.00 | 0.08 |
| 0 | 4-3-4 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.02 |
| 0 | 4-4-2 | 0.07 | 0.07 | 0.00 | 0.00 | 0.00 | 0.07 |
| 0 | 4-8-4 | 84.39 | 0.00 | 0.00 | 84.39 | 0.00 | 84.39 |
| 0 | 4-10-10 | 620.22 | 1.16 | 0.00 | 619.06 | 619.06 | 1.16 |
| 0 | 4-12-4 | 4.45 | 0.00 | 0.00 | 4.45 | 0.00 | 4.45 |
| 0 | 5-3-5 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.04 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|---------|----------|--------|--------|----------|----------|---------|
| 0 | 5-5-5 | 25.40 | 0.00 | 25.40 | 0.00 | 25.40 | 0.00 |
| 0 | 5-5-25 | 0.25 | 0.25 | 0.00 | 0.00 | 0.00 | 0.25 |
| 0 | 5-10-5 | 3.36 | 2.36 | 0.00 | 1.00 | 0.00 | 3.36 |
| 0 | 5-12-0 | 0.14 | 0.14 | 0.00 | 0.00 | 0.00 | 0.14 |
| 0 | 5-23-23 | 10.73 | 0.00 | 10.73 | 0.00 | 10.73 | 0.00 |
| 0 | 5-26-10 | 9.87 | 0.00 | 9.87 | 0.00 | 9.87 | 0.00 |
| 0 | 5-30-5 | 0.07 | 0.00 | 0.00 | 0.07 | 0.00 | 0.07 |
| 0 | 6-0-0 | 0.25 | 0.25 | 0.00 | 0.00 | 0.00 | 0.25 |
| 0 | 6-2-0 | 179.40 | 179.40 | 0.00 | 0.00 | 15.00 | 164.40 |
| 0 | 6-2-2 | 0.23 | 0.23 | 0.00 | 0.00 | 0.00 | 0.23 |
| 0 | 6-4-3 | 2.50 | 0.00 | 0.00 | 2.50 | 2.50 | 0.00 |
| 0 | 6-9-0 | 1.12 | 1.12 | 0.00 | 0.00 | 0.00 | 1.12 |
| 0 | 6-12-0 | 0.13 | 0.13 | 0.00 | 0.00 | 0.00 | 0.13 |
| 0 | 6-12-6 | 0.26 | 0.26 | 0.00 | 0.00 | 0.00 | 0.26 |
| 0 | 6-12-12 | 1.22 | 1.22 | 0.00 | 0.00 | 0.00 | 1.22 |
| 0 | 6-24-6 | 562.42 | 0.00 | 0.00 | 562.42 | 562.42 | 0.00 |
| 0 | 6-28-0 | 14.81 | 0.00 | 14.81 | 0.00 | 14.81 | 0.00 |
| 0 | 7-0-0 | 786.50 | 0.00 | 0.00 | 786.50 | 277.00 | 509.50 |
| 0 | 7-1-3 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 5.00 |
| 0 | 7-2-2 | 0.16 | 0.16 | 0.00 | 0.00 | 0.00 | 0.16 |
| 0 | 7-7-7 | 0.09 | 0.09 | 0.00 | 0.00 | 0.00 | 0.09 |
| 0 | 7-21-7 | 3,602.57 | 0.00 | 120.84 | 3,481.73 | 3,602.57 | 0.00 |
| 0 | 7-21-10 | 121.00 | 0.00 | 0.00 | 121.00 | 121.00 | 0.00 |
| 0 | 7-25-5 | 472.63 | 0.00 | 0.00 | 472.63 | 472.63 | 0.00 |
| 0 | 7-34-0 | 43.32 | 0.00 | 43.32 | 0.00 | 43.32 | 0.00 |
| 0 | 8-0-0 | 8.20 | 0.12 | 5.00 | 3.08 | 8.08 | 0.12 |
| 0 | 8-0-12 | 0.20 | 0.20 | 0.00 | 0.00 | 0.20 | 0.00 |
| 0 | 8-2-2 | 0.17 | 0.17 | 0.00 | 0.00 | 0.00 | 0.17 |
| 0 | 8-2-4 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| 0 | 8-2-6 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.00 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|---------|----------|-------|--------|----------|----------|---------|
| 0 | 8-3-5 | 30.00 | 30.00 | 0.00 | 0.00 | 0.00 | 30.00 |
| 0 | 8-4-4 | 1.41 | 0.00 | 0.00 | 1.41 | 0.00 | 1.41 |
| 0 | 8-7-6 | 1.26 | 0.00 | 0.00 | 1.26 | 0.00 | 1.26 |
| 0 | 8-8-4 | 1,041.00 | 0.00 | 0.00 | 1,041.00 | 1,041.00 | 0.00 |
| 0 | 8-12-4 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.05 |
| 0 | 8-12-10 | 0.32 | 0.32 | 0.00 | 0.00 | 0.00 | 0.32 |
| 0 | 8-14-9 | 0.06 | 0.00 | 0.00 | 0.06 | 0.00 | 0.06 |
| 0 | 8-16-16 | 4.00 | 4.00 | 0.00 | 0.00 | 0.00 | 4.00 |
| 0 | 8-18-5 | 14.01 | 0.00 | 0.00 | 14.01 | 14.01 | 0.00 |
| 0 | 8-20-0 | 37.61 | 0.00 | 37.61 | 0.00 | 37.61 | 0.00 |
| 0 | 8-20-2 | 1,285.00 | 0.00 | 0.00 | 1,285.00 | 1,285.00 | 0.00 |
| 0 | 8-20-4 | 182.75 | 0.00 | 0.00 | 182.75 | 182.75 | 0.00 |
| 0 | 8-20-5 | 760.97 | 0.00 | 0.00 | 760.97 | 760.97 | 0.00 |
| 0 | 8-21-4 | 1,029.58 | 0.00 | 0.00 | 1,029.58 | 1,029.58 | 0.00 |
| 0 | 8-32-19 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.05 |
| 0 | 9-0-0 | 816.62 | 0.00 | 0.00 | 816.62 | 60.94 | 755.68 |
| 0 | 9-9-6 | 0.09 | 0.09 | 0.00 | 0.00 | 0.00 | 0.09 |
| 0 | 9-11-9 | 38.66 | 0.00 | 0.00 | 38.66 | 38.66 | 0.00 |
| 0 | 9-12-12 | 0.18 | 0.18 | 0.00 | 0.00 | 0.00 | 0.18 |
| 0 | 9-17-9 | 28.89 | 24.24 | 4.65 | 0.00 | 4.65 | 24.24 |
| 0 | 9-18-9 | 1,494.31 | 0.00 | 340.88 | 1,153.43 | 1,492.52 | 1.80 |
| 0 | 9-22-16 | 26.92 | 26.92 | 0.00 | 0.00 | 1.97 | 24.95 |
| 0 | 9-23-14 | 3.80 | 3.80 | 0.00 | 0.00 | 3.80 | 0.00 |
| 0 | 9-24-3 | 2,089.80 | 0.00 | 0.00 | 2,089.80 | 2,089.80 | 0.00 |
| 0 | 9-45-15 | 2.00 | 2.00 | 0.00 | 0.00 | 2.00 | 0.00 |
| 0 | 10-0-0 | 356.46 | 0.00 | 345.00 | 11.46 | 356.46 | 0.00 |
| 0 | 10-0-5 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| 0 | 10-0-6 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.00 |
| 0 | 10-2-8 | 10.00 | 10.00 | 0.00 | 0.00 | 0.00 | 10.00 |
| 0 | 10-6-4 | 4.80 | 4.80 | 0.00 | 0.00 | 0.00 | 4.80 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|----------|--------|--------|------|--------|--------|---------|
| 0 | 10-10-5 | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.00 |
| 0 | 10-10-6 | 5.00 | 5.00 | 0.00 | 0.00 | 5.00 | 0.00 |
| 0 | 10-10-10 | 195.75 | 180.42 | 0.00 | 15.33 | 2.60 | 193.15 |
| 0 | 10-12-10 | 0.63 | 0.63 | 0.00 | 0.00 | 0.00 | 0.63 |
| 0 | 10-12-12 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 0 | 10-13-3 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| 0 | 10-15-10 | 0.44 | 0.00 | 0.00 | 0.44 | 0.00 | 0.44 |
| 0 | 10-15-15 | 1.51 | 1.51 | 0.00 | 0.00 | 0.00 | 1.51 |
| 0 | 10-16-10 | 0.21 | 0.21 | 0.00 | 0.00 | 0.00 | 0.21 |
| 0 | 10-18-18 | 0.78 | 0.78 | 0.00 | 0.00 | 0.78 | 0.00 |
| 0 | 10-18-22 | 0.20 | 0.20 | 0.00 | 0.00 | 0.20 | 0.00 |
| 0 | 10-20-10 | 21.31 | 21.31 | 0.00 | 0.00 | 0.00 | 21.31 |
| 0 | 10-20-20 | 4.53 | 2.83 | 1.70 | 0.00 | 1.70 | 2.83 |
| 0 | 10-20-26 | 12.00 | 12.00 | 0.00 | 0.00 | 12.00 | 0.00 |
| 0 | 10-20-30 | 1.36 | 1.36 | 0.00 | 0.00 | 0.00 | 1.36 |
| 0 | 10-22-22 | 1.63 | 1.63 | 0.00 | 0.00 | 1.63 | 0.00 |
| 0 | 10-30-0 | 746.30 | 0.00 | 0.00 | 746.30 | 746.30 | 0.00 |
| 0 | 10-34-11 | 3.14 | 0.00 | 3.14 | 0.00 | 3.14 | 0.00 |
| 0 | 10-45-10 | 2.00 | 2.00 | 0.00 | 0.00 | 2.00 | 0.00 |
| 0 | 10-52-10 | 0.12 | 0.12 | 0.00 | 0.00 | 0.00 | 0.12 |
| 0 | 10-54-10 | 0.97 | 0.97 | 0.00 | 0.00 | 0.00 | 0.97 |
| 0 | 11-5-7 | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.00 |
| 0 | 11-7-7 | 0.86 | 0.86 | 0.00 | 0.00 | 0.00 | 0.86 |
| 0 | 11-8-5 | 1.80 | 0.00 | 0.00 | 1.80 | 1.80 | 0.00 |
| 0 | 11-15-20 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| 0 | 11-24-0 | 77.34 | 0.00 | 0.00 | 77.34 | 77.34 | 0.00 |
| 0 | 11-28-18 | 3.97 | 3.97 | 0.00 | 0.00 | 0.00 | 3.97 |
| 0 | 11-29-3 | 4.91 | 4.91 | 0.00 | 0.00 | 4.91 | 0.00 |
| 0 | 12-0-0 | 1.28 | 0.97 | 0.00 | 0.31 | 0.31 | 0.97 |
| 0 | 12-0-18 | 2.75 | 2.75 | 0.00 | 0.00 | 0.25 | 2.50 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|----------|--------|-------|--------|--------|--------|---------|
| 0 | 12-3-12 | 0.69 | 0.00 | 0.00 | 0.69 | 0.69 | 0.00 |
| 0 | 12-4-8 | 11.60 | 3.32 | 0.00 | 8.28 | 0.00 | 11.60 |
| 0 | 12-5-7 | 0.33 | 0.33 | 0.00 | 0.00 | 0.00 | 0.33 |
| 0 | 12-6-6 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 |
| 0 | 12-6-10 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.02 |
| 0 | 12-6-12 | 2.50 | 2.50 | 0.00 | 0.00 | 0.00 | 2.50 |
| 0 | 12-10-5 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.05 |
| 0 | 12-12-4 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 0 | 12-12-12 | 41.32 | 41.32 | 0.00 | 0.00 | 0.00 | 41.32 |
| 0 | 12-18-6 | 0.13 | 0.13 | 0.00 | 0.00 | 0.00 | 0.13 |
| 0 | 12-22-14 | 30.00 | 30.00 | 0.00 | 0.00 | 0.00 | 30.00 |
| 0 | 12-24-6 | 1.08 | 1.08 | 0.00 | 0.00 | 0.00 | 1.08 |
| 0 | 12-24-12 | 0.08 | 0.08 | 0.00 | 0.00 | 0.08 | 0.00 |
| 0 | 12-24-18 | 11.21 | 0.00 | 11.21 | 0.00 | 11.21 | 0.00 |
| 0 | 12-24-24 | 2.10 | 2.10 | 0.00 | 0.00 | 2.10 | 0.00 |
| 0 | 12-25-12 | 1.25 | 1.25 | 0.00 | 0.00 | 0.00 | 1.25 |
| 0 | 12-28-12 | 2.25 | 2.25 | 0.00 | 0.00 | 0.00 | 2.25 |
| 0 | 12-44-10 | 20.32 | 20.32 | 0.00 | 0.00 | 0.00 | 20.32 |
| 0 | 12-52-0 | 797.00 | 0.00 | 797.00 | 0.00 | 797.00 | 0.00 |
| 0 | 12-61-0 | 41.43 | 0.00 | 0.00 | 41.43 | 41.43 | 0.00 |
| 0 | 13-0-0 | 73.53 | 0.00 | 13.00 | 60.53 | 73.53 | 0.00 |
| 0 | 13-0-46 | 22.00 | 22.00 | 0.00 | 0.00 | 22.00 | 0.00 |
| 0 | 13-2-13 | 2.48 | 2.48 | 0.00 | 0.00 | 2.48 | 0.00 |
| 0 | 13-2-26 | 1.13 | 0.00 | 1.13 | 0.00 | 0.00 | 1.13 |
| 0 | 13-3-3 | 46.00 | 0.00 | 0.00 | 46.00 | 46.00 | 0.00 |
| 0 | 13-3-7 | 0.75 | 0.75 | 0.00 | 0.00 | 0.00 | 0.75 |
| 0 | 13-13-13 | 24.55 | 24.55 | 0.00 | 0.00 | 1.00 | 23.55 |
| 0 | 13-25-12 | 0.08 | 0.08 | 0.00 | 0.00 | 0.08 | 0.00 |
| 0 | 13-33-0 | 174.20 | 0.00 | 174.20 | 0.00 | 174.20 | 0.00 |
| 0 | 14-0-0 | 0.02 | 0.02 | 0.00 | 0.00 | 0.02 | 0.00 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|----------|----------|-------|----------|--------|----------|---------|
| 0 | 14-0-24 | 0.13 | 0.13 | 0.00 | 0.00 | 0.13 | 0.00 |
| 0 | 14-0-29 | 0.25 | 0.25 | 0.00 | 0.00 | 0.25 | 0.00 |
| 0 | 14-2-14 | 1.19 | 0.00 | 0.00 | 1.19 | 1.19 | 0.00 |
| 0 | 14-3-3 | 0.54 | 0.54 | 0.00 | 0.00 | 0.54 | 0.00 |
| 0 | 14-4-6 | 0.27 | 0.27 | 0.00 | 0.00 | 0.00 | 0.27 |
| 0 | 14-14-14 | 4.46 | 0.00 | 0.00 | 4.46 | 0.00 | 4.46 |
| 0 | 14-14-16 | 5.00 | 0.00 | 5.00 | 0.00 | 5.00 | 0.00 |
| 0 | 14-28-10 | 0.40 | 0.40 | 0.00 | 0.00 | 0.05 | 0.35 |
| 0 | 14-30-10 | 50.00 | 50.00 | 0.00 | 0.00 | 50.00 | 0.00 |
| 0 | 14-32-13 | 16.81 | 0.00 | 16.81 | 0.00 | 16.81 | 0.00 |
| 0 | 15-0-0 | 75.38 | 0.00 | 0.00 | 75.38 | 0.00 | 75.38 |
| 0 | 15-0-5 | 0.09 | 0.00 | 0.04 | 0.05 | 0.04 | 0.05 |
| 0 | 15-0-7 | 0.20 | 0.00 | 0.00 | 0.20 | 0.00 | 0.20 |
| 0 | 15-0-15 | 13.63 | 13.63 | 0.00 | 0.00 | 0.00 | 13.63 |
| 0 | 15-0-29 | 0.20 | 0.20 | 0.00 | 0.00 | 0.00 | 0.20 |
| 0 | 15-0-30 | 0.13 | 0.13 | 0.00 | 0.00 | 0.13 | 0.00 |
| 0 | 15-2-5 | 8.47 | 8.47 | 0.00 | 0.00 | 4.25 | 4.22 |
| 0 | 15-2-8 | 16.00 | 16.00 | 0.00 | 0.00 | 0.00 | 16.00 |
| 0 | 15-3-5 | 8.81 | 7.68 | 1.13 | 0.00 | 0.00 | 8.81 |
| 0 | 15-3-8 | 6.00 | 6.00 | 0.00 | 0.00 | 0.00 | 6.00 |
| 0 | 15-5-10 | 17.27 | 17.27 | 0.00 | 0.00 | 0.00 | 17.27 |
| 0 | 15-5-13 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.05 |
| 0 | 15-7-6 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| 0 | 15-15-0 | 19.53 | 0.00 | 0.00 | 19.53 | 19.53 | 0.00 |
| 0 | 15-15-20 | 3.15 | 3.15 | 0.00 | 0.00 | 3.15 | 0.00 |
| 0 | 15-16-2 | 72.00 | 0.00 | 0.00 | 72.00 | 72.00 | 0.00 |
| 0 | 15-23-10 | 8.57 | 8.57 | 0.00 | 0.00 | 0.00 | 8.57 |
| 0 | 15-25-10 | 31.00 | 31.00 | 0.00 | 0.00 | 31.00 | 0.00 |
| 0 | 15-30-15 | 19.40 | 19.40 | 0.00 | 0.00 | 0.00 | 19.40 |
| 0 | 16-1-2 | 2,589.00 | 0.00 | 2,589.00 | 0.00 | 2,589.00 | 0.00 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|----------|--------|-------|--------|--------|--------|---------|
| 0 | 16-2-3 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.03 |
| 0 | 16-2-12 | 0.14 | 0.14 | 0.00 | 0.00 | 0.00 | 0.14 |
| 0 | 16-4-4 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.00 |
| 0 | 16-4-8 | 6.15 | 6.15 | 0.00 | 0.00 | 0.90 | 5.25 |
| 0 | 16-8-8 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.00 |
| 0 | 16-10-9 | 7.00 | 7.00 | 0.00 | 0.00 | 0.00 | 7.00 |
| 0 | 16-12-12 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 0 | 16-16-16 | 1.35 | 1.35 | 0.00 | 0.00 | 0.00 | 1.35 |
| 0 | 16-17-0 | 17.51 | 0.00 | 17.51 | 0.00 | 17.51 | 0.00 |
| 0 | 16-24-12 | 0.05 | 0.05 | 0.00 | 0.00 | 0.05 | 0.00 |
| 0 | 17-2-2 | 243.24 | 0.00 | 243.24 | 0.00 | 243.24 | 0.00 |
| 0 | 17-2-5 | 384.00 | 0.00 | 0.00 | 384.00 | 384.00 | 0.00 |
| 0 | 17-3-5 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 0 | 17-3-6 | 7.00 | 0.00 | 7.00 | 0.00 | 7.00 | 0.00 |
| 0 | 17-5-5 | 0.17 | 0.17 | 0.00 | 0.00 | 0.17 | 0.00 |
| 0 | 17-17-17 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.04 |
| 0 | 17-19-29 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.02 |
| 0 | 17-34-0 | 48.10 | 0.00 | 48.10 | 0.00 | 48.10 | 0.00 |
| 0 | 18-0-6 | 4.00 | 4.00 | 0.00 | 0.00 | 2.00 | 2.00 |
| 0 | 18-0-12 | 24.00 | 24.00 | 0.00 | 0.00 | 0.00 | 24.00 |
| 0 | 18-0-15 | 71.00 | 71.00 | 0.00 | 0.00 | 0.00 | 71.00 |
| 0 | 18-0-18 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.00 |
| 0 | 18-3-6 | 0.32 | 0.00 | 0.00 | 0.32 | 0.32 | 0.00 |
| 0 | 18-3-10 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.04 |
| 0 | 18-3-12 | 1.95 | 1.95 | 0.00 | 0.00 | 0.00 | 1.95 |
| 0 | 18-3-15 | 77.00 | 77.00 | 0.00 | 0.00 | 0.00 | 77.00 |
| 0 | 18-3-18 | 0.30 | 0.30 | 0.00 | 0.00 | 0.00 | 0.30 |
| 0 | 18-4-6 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| 0 | 18-4-8 | 9.00 | 9.00 | 0.00 | 0.00 | 9.00 | 0.00 |
| 0 | 18-4-12 | 2.50 | 2.50 | 0.00 | 0.00 | 0.00 | 2.50 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|----------|--------|--------|--------|--------|--------|---------|
| 0 | 18-4-18 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| 0 | 18-5-9 | 0.26 | 0.26 | 0.00 | 0.00 | 0.26 | 0.00 |
| 0 | 18-6-6 | 0.03 | 0.03 | 0.00 | 0.00 | 0.03 | 0.00 |
| 0 | 18-6-12 | 39.00 | 39.00 | 0.00 | 0.00 | 0.00 | 39.00 |
| 0 | 18-6-15 | 1.23 | 1.23 | 0.00 | 0.00 | 0.75 | 0.48 |
| 0 | 18-8-12 | 12.85 | 12.85 | 0.00 | 0.00 | 0.00 | 12.85 |
| 0 | 18-8-18 | 10.00 | 10.00 | 0.00 | 0.00 | 10.00 | 0.00 |
| 0 | 18-9-18 | 2.16 | 1.56 | 0.60 | 0.00 | 1.56 | 0.60 |
| 0 | 18-18-0 | 28.91 | 0.00 | 0.00 | 28.91 | 28.91 | 0.00 |
| 0 | 18-18-21 | 2.98 | 2.98 | 0.00 | 0.00 | 0.00 | 2.98 |
| 0 | 18-18-24 | 0.05 | 0.05 | 0.00 | 0.00 | 0.00 | 0.05 |
| 0 | 18-22-6 | 21.00 | 21.00 | 0.00 | 0.00 | 0.00 | 21.00 |
| 0 | 18-23-4 | 2.09 | 2.09 | 0.00 | 0.00 | 0.00 | 2.09 |
| 0 | 18-24-10 | 1.69 | 1.69 | 0.00 | 0.00 | 0.00 | 1.69 |
| 0 | 18-24-12 | 19.11 | 19.11 | 0.00 | 0.00 | 0.98 | 18.13 |
| 0 | 18-24-16 | 2.23 | 2.23 | 0.00 | 0.00 | 0.00 | 2.23 |
| 0 | 18-24-24 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.03 |
| 0 | 19-0-5 | 154.00 | 154.00 | 0.00 | 0.00 | 110.00 | 44.00 |
| 0 | 19-0-6 | 12.32 | 12.32 | 0.00 | 0.00 | 8.00 | 4.32 |
| 0 | 19-2-15 | 0.30 | 0.30 | 0.00 | 0.00 | 0.30 | 0.00 |
| 0 | 19-2-19 | 2.80 | 2.80 | 0.00 | 0.00 | 0.45 | 2.35 |
| 0 | 19-3-5 | 7.06 | 7.06 | 0.00 | 0.00 | 0.00 | 7.06 |
| 0 | 19-3-6 | 8.25 | 1.50 | 6.75 | 0.00 | 1.00 | 7.25 |
| 0 | 19-3-19 | 0.23 | 0.23 | 0.00 | 0.00 | 0.23 | 0.00 |
| 0 | 19-5-19 | 0.08 | 0.08 | 0.00 | 0.00 | 0.08 | 0.00 |
| 0 | 19-6-12 | 6.57 | 0.04 | 0.00 | 6.53 | 0.00 | 6.57 |
| 0 | 19-8-16 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| 0 | 19-31-17 | 0.06 | 0.06 | 0.00 | 0.00 | 0.00 | 0.06 |
| 0 | 20-0-0 | 899.90 | 0.00 | 469.00 | 430.90 | 899.83 | 0.07 |
| 0 | 20-0-5 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.00 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|----------|----------|--------|----------|--------|----------|---------|
| 0 | 20-0-20 | 3.08 | 3.08 | 0.00 | 0.00 | 3.08 | 0.00 |
| 0 | 20-1-1 | 208.94 | 0.00 | 0.00 | 208.94 | 0.00 | 208.94 |
| 0 | 20-2-3 | 0.53 | 0.00 | 0.00 | 0.53 | 0.00 | 0.53 |
| 0 | 20-2-5 | 1.25 | 1.25 | 0.00 | 0.00 | 1.25 | 0.00 |
| 0 | 20-2-6 | 0.93 | 0.93 | 0.00 | 0.00 | 0.93 | 0.00 |
| 0 | 20-2-10 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.10 |
| 0 | 20-3-3 | 29.25 | 18.00 | 11.25 | 0.00 | 18.00 | 11.25 |
| 0 | 20-3-10 | 14.88 | 7.00 | 7.88 | 0.00 | 7.00 | 7.88 |
| 0 | 20-4-8 | 0.23 | 0.23 | 0.00 | 0.00 | 0.00 | 0.23 |
| 0 | 20-4-10 | 14.45 | 14.45 | 0.00 | 0.00 | 14.00 | 0.45 |
| 0 | 20-4-20 | 11.25 | 0.00 | 11.25 | 0.00 | 0.00 | 11.25 |
| 0 | 20-5-5 | 0.07 | 0.07 | 0.00 | 0.00 | 0.00 | 0.07 |
| 0 | 20-5-10 | 7.19 | 7.19 | 0.00 | 0.00 | 1.19 | 6.00 |
| 0 | 20-7-0 | 204.38 | 0.00 | 204.38 | 0.00 | 204.38 | 0.00 |
| 0 | 20-7-5 | 15.03 | 15.03 | 0.00 | 0.00 | 0.00 | 15.03 |
| 0 | 20-10-5 | 56.38 | 56.38 | 0.00 | 0.00 | 0.82 | 55.56 |
| 0 | 20-10-10 | 1.45 | 1.45 | 0.00 | 0.00 | 1.45 | 0.00 |
| 0 | 20-10-20 | 3.00 | 3.00 | 0.00 | 0.00 | 3.00 | 0.00 |
| 0 | 20-12-8 | 4.00 | 4.00 | 0.00 | 0.00 | 4.00 | 0.00 |
| 0 | 20-14-12 | 82.07 | 82.07 | 0.00 | 0.00 | 0.00 | 82.07 |
| 0 | 20-20-10 | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.00 |
| 0 | 20-20-20 | 55.94 | 47.29 | 0.00 | 8.65 | 22.00 | 33.94 |
| 0 | 20-27-5 | 39.38 | 39.38 | 0.00 | 0.00 | 0.00 | 39.38 |
| 0 | 20-30-20 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.03 |
| 0 | 20.5-0-0 | 236.38 | 104.03 | 132.35 | 0.00 | 236.38 | 0.00 |
| 0 | 21-0-0 | 7,428.43 | 1.13 | 7,427.30 | 0.00 | 7,427.30 | 1.13 |
| 0 | 21-0-6 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 |
| 0 | 21-0-20 | 19.13 | 0.00 | 19.13 | 0.00 | 0.00 | 19.13 |
| 0 | 21-0-22 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| 0 | 21-3-7 | 24.00 | 24.00 | 0.00 | 0.00 | 0.00 | 24.00 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

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|------|----------|-----------|--------|-------|-----------|----------|----------|
| 0 | 21-3-8 | 2.65 | 2.65 | 0.00 | 0.00 | 0.00 | 2.65 |
| 0 | 21-3-11 | 1.93 | 1.93 | 0.00 | 0.00 | 1.93 | 0.00 |
| 0 | 21-3-12 | 0.28 | 0.28 | 0.00 | 0.00 | 0.00 | 0.28 |
| 0 | 21-3-20 | 11.99 | 0.74 | 11.25 | 0.00 | 0.74 | 11.25 |
| 0 | 21-4-1 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| 0 | 22-0-0 | 0.27 | 0.27 | 0.00 | 0.00 | 0.00 | 0.27 |
| 0 | 22-0-6 | 32.03 | 31.53 | 0.50 | 0.00 | 0.08 | 31.95 |
| 0 | 22-0-7 | 0.55 | 0.55 | 0.00 | 0.00 | 0.00 | 0.55 |
| 0 | 22-0-10 | 3.78 | 3.78 | 0.00 | 0.00 | 3.78 | 0.00 |
| 0 | 22-0-22 | 5.03 | 5.03 | 0.00 | 0.00 | 4.38 | 0.65 |
| 0 | 22-3-8 | 16.76 | 16.76 | 0.00 | 0.00 | 0.18 | 16.58 |
| 0 | 22-3-11 | 104.14 | 104.14 | 0.00 | 0.00 | 13.98 | 90.16 |
| 0 | 22-3-14 | 15.86 | 15.86 | 0.00 | 0.00 | 0.00 | 15.86 |
| 0 | 22-3-22 | 0.18 | 0.18 | 0.00 | 0.00 | 0.18 | 0.00 |
| 0 | 22-4-11 | 3.16 | 3.16 | 0.00 | 0.00 | 0.00 | 3.16 |
| 0 | 22-4-14 | 0.28 | 0.28 | 0.00 | 0.00 | 0.00 | 0.28 |
| 0 | 22-5-8 | 5.83 | 5.83 | 0.00 | 0.00 | 0.00 | 5.83 |
| 0 | 22-8-12 | 9.81 | 9.81 | 0.00 | 0.00 | 0.09 | 9.72 |
| 0 | 22-8-14 | 15.91 | 15.91 | 0.00 | 0.00 | 0.00 | 15.91 |
| 0 | 22-10-10 | 2.00 | 2.00 | 0.00 | 0.00 | 2.00 | 0.00 |
| 0 | 22-10-18 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| 0 | 22-22-13 | 5.52 | 0.00 | 5.52 | 0.00 | 5.52 | 0.00 |
| 0 | 23-0-0 | 79.39 | 0.00 | 0.00 | 79.39 | 79.39 | 0.00 |
| 0 | 23-0-6 | 5.25 | 5.25 | 0.00 | 0.00 | 0.00 | 5.25 |
| 0 | 23-0-8 | 41.00 | 41.00 | 0.00 | 0.00 | 0.00 | 41.00 |
| 0 | 23-2-10 | 10.43 | 0.30 | 10.13 | 0.00 | 0.30 | 10.13 |
| 0 | 23-3-8 | 74.00 | 74.00 | 0.00 | 0.00 | 8.00 | 66.00 |
| 0 | 24-0-0 | 11,950.76 | 0.00 | 0.00 | 11,950.76 | 9,701.00 | 2,249.76 |
| 0 | 24-0-10 | 11.39 | 11.39 | 0.00 | 0.00 | 0.00 | 11.39 |
| 0 | 24-0-12 | 1.50 | 1.50 | 0.00 | 0.00 | 0.00 | 1.50 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

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|------|----------|--------|--------|-------|--------|--------|---------|
| 0 | 24-3-12 | 60.85 | 60.85 | 0.00 | 0.00 | 0.00 | 60.85 |
| 0 | 24-3-14 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 |
| 0 | 24-4-12 | 7.00 | 7.00 | 0.00 | 0.00 | 0.00 | 7.00 |
| 0 | 24-4-16 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| 0 | 24-5-10 | 14.05 | 14.05 | 0.00 | 0.00 | 0.00 | 14.05 |
| 0 | 24-5-11 | 22.13 | 3.00 | 19.13 | 0.00 | 0.00 | 22.13 |
| 0 | 24-6-18 | 0.07 | 0.07 | 0.00 | 0.00 | 0.00 | 0.07 |
| 0 | 24-8-16 | 32.15 | 32.15 | 0.00 | 0.00 | 0.00 | 32.15 |
| 0 | 24-14-10 | 0.03 | 0.03 | 0.00 | 0.00 | 0.03 | 0.00 |
| 0 | 24-15-10 | 6.00 | 6.00 | 0.00 | 0.00 | 6.00 | 0.00 |
| 0 | 25-0-0 | 181.13 | 28.36 | 45.00 | 107.77 | 181.13 | 0.00 |
| 0 | 25-0-6 | 1.08 | 1.08 | 0.00 | 0.00 | 0.00 | 1.08 |
| 0 | 25-0-12 | 1.54 | 1.54 | 0.00 | 0.00 | 0.00 | 1.54 |
| 0 | 25-1-2 | 2.89 | 0.00 | 0.00 | 2.89 | 0.00 | 2.89 |
| 0 | 25-2-5 | 54.48 | 54.48 | 0.00 | 0.00 | 5.00 | 49.48 |
| 0 | 25-3-3 | 120.90 | 120.90 | 0.00 | 0.00 | 0.00 | 120.90 |
| 0 | 25-3-6 | 4.05 | 4.05 | 0.00 | 0.00 | 0.81 | 3.24 |
| 0 | 25-3-8 | 137.00 | 137.00 | 0.00 | 0.00 | 132.00 | 5.00 |
| 0 | 25-3-10 | 19.13 | 0.00 | 19.13 | 0.00 | 0.00 | 19.13 |
| 0 | 25-3-12 | 9.00 | 9.00 | 0.00 | 0.00 | 6.00 | 3.00 |
| 0 | 25-3-15 | 24.00 | 24.00 | 0.00 | 0.00 | 24.00 | 0.00 |
| 0 | 25-4-8 | 3.48 | 3.48 | 0.00 | 0.00 | 0.00 | 3.48 |
| 0 | 25-5-5 | 2.53 | 2.53 | 0.00 | 0.00 | 0.00 | 2.53 |
| 0 | 25-5-10 | 6.00 | 6.00 | 0.00 | 0.00 | 0.00 | 6.00 |
| 0 | 25-5-15 | 295.20 | 295.20 | 0.00 | 0.00 | 292.20 | 3.00 |
| 0 | 25-10-10 | 4.71 | 4.71 | 0.00 | 0.00 | 0.00 | 4.71 |
| 0 | 25-12-0 | 4.39 | 0.00 | 4.39 | 0.00 | 4.39 | 0.00 |
| 0 | 25-15-15 | 0.50 | 0.50 | 0.00 | 0.00 | 0.00 | 0.50 |
| 0 | 26-0-0 | 0.76 | 0.00 | 0.00 | 0.76 | 0.76 | 0.00 |
| 0 | 26-0-3 | 367.20 | 367.20 | 0.00 | 0.00 | 0.00 | 367.20 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

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|------|----------|----------|--------|-------|----------|----------|---------|
| 0 | 26-0-4 | 111.00 | 111.00 | 0.00 | 0.00 | 0.00 | 111.00 |
| 0 | 26-0-9 | 1.92 | 1.92 | 0.00 | 0.00 | 0.00 | 1.92 |
| 0 | 26-2-8 | 33.62 | 33.62 | 0.00 | 0.00 | 0.00 | 33.62 |
| 0 | 26-3-4 | 178.00 | 178.00 | 0.00 | 0.00 | 0.00 | 178.00 |
| 0 | 26-3-7 | 5.02 | 5.02 | 0.00 | 0.00 | 0.00 | 5.02 |
| 0 | 26-3-8 | 10.47 | 10.47 | 0.00 | 0.00 | 2.40 | 8.07 |
| 0 | 26-3-12 | 14.72 | 14.72 | 0.00 | 0.00 | 0.00 | 14.72 |
| 0 | 26-4-8 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.03 |
| 0 | 26-14-14 | 24.40 | 24.40 | 0.00 | 0.00 | 7.40 | 17.00 |
| 0 | 27-0-0 | 4,450.77 | 0.00 | 0.00 | 4,450.77 | 4,450.77 | 0.00 |
| 0 | 27-0-8 | 4.32 | 4.32 | 0.00 | 0.00 | 0.00 | 4.32 |
| 0 | 27-3-3 | 52.00 | 52.00 | 0.00 | 0.00 | 0.00 | 52.00 |
| 0 | 27-3-11 | 9.00 | 0.00 | 9.00 | 0.00 | 0.00 | 9.00 |
| 0 | 27-3-12 | 23.20 | 23.20 | 0.00 | 0.00 | 0.00 | 23.20 |
| 0 | 27-5-8 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| 0 | 28-0-0 | 76.64 | 0.00 | 19.24 | 57.40 | 76.64 | 0.00 |
| 0 | 28-0-3 | 12.84 | 12.84 | 0.00 | 0.00 | 0.00 | 12.84 |
| 0 | 28-0-4 | 47.00 | 47.00 | 0.00 | 0.00 | 0.00 | 47.00 |
| 0 | 28-2-4 | 9.71 | 9.71 | 0.00 | 0.00 | 0.00 | 9.71 |
| 0 | 28-2-5 | 3.24 | 3.24 | 0.00 | 0.00 | 0.00 | 3.24 |
| 0 | 28-2-8 | 48.40 | 48.40 | 0.00 | 0.00 | 0.00 | 48.40 |
| 0 | 28-3-3 | 111.90 | 111.90 | 0.00 | 0.00 | 0.00 | 111.90 |
| 0 | 28-3-4 | 100.10 | 100.10 | 0.00 | 0.00 | 0.00 | 100.10 |
| 0 | 28-3-8 | 21.25 | 21.25 | 0.00 | 0.00 | 0.63 | 20.62 |
| 0 | 28-3-10 | 52.46 | 49.08 | 3.38 | 0.00 | 44.33 | 8.13 |
| 0 | 28-4-6 | 0.16 | 0.16 | 0.00 | 0.00 | 0.00 | 0.16 |
| 0 | 28-4-8 | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 | 3.00 |
| 0 | 28-5-5 | 28.52 | 28.52 | 0.00 | 0.00 | 0.02 | 28.50 |
| 0 | 28-5-10 | 17.00 | 17.00 | 0.00 | 0.00 | 0.00 | 17.00 |
| 0 | 28-5-12 | 68.15 | 68.15 | 0.00 | 0.00 | 0.00 | 68.15 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|----------|--------|--------|-------|--------|-------|---------|
| 0 | 28-8-10 | 7.98 | 7.98 | 0.00 | 0.00 | 0.00 | 7.98 |
| 0 | 28-10-10 | 0.68 | 0.68 | 0.00 | 0.00 | 0.00 | 0.68 |
| 0 | 28-16-7 | 0.80 | 0.80 | 0.00 | 0.00 | 0.00 | 0.80 |
| 0 | 28-28-0 | 56.50 | 0.00 | 56.50 | 0.00 | 56.50 | 0.00 |
| 0 | 29-0-0 | 6.00 | 6.00 | 0.00 | 0.00 | 0.00 | 6.00 |
| 0 | 29-0-4 | 3.30 | 0.00 | 3.30 | 0.00 | 0.00 | 3.30 |
| 0 | 29-2-3 | 1.45 | 0.00 | 0.00 | 1.45 | 0.29 | 1.16 |
| 0 | 29-2-5 | 6.36 | 6.36 | 0.00 | 0.00 | 0.00 | 6.36 |
| 0 | 29-3-3 | 213.24 | 213.24 | 0.00 | 0.00 | 0.00 | 213.24 |
| 0 | 29-3-4 | 93.64 | 93.64 | 0.00 | 0.00 | 0.00 | 93.64 |
| 0 | 30-0-10 | 15.00 | 15.00 | 0.00 | 0.00 | 11.00 | 4.00 |
| 0 | 30-2-3 | 0.26 | 0.26 | 0.00 | 0.00 | 0.00 | 0.26 |
| 0 | 30-2-5 | 28.83 | 28.83 | 0.00 | 0.00 | 0.00 | 28.83 |
| 0 | 30-2-10 | 51.48 | 51.48 | 0.00 | 0.00 | 51.48 | 0.00 |
| 0 | 30-3-3 | 134.42 | 134.42 | 0.00 | 0.00 | 0.00 | 134.42 |
| 0 | 30-3-4 | 85.18 | 85.18 | 0.00 | 0.00 | 0.00 | 85.18 |
| 0 | 30-3-5 | 29.50 | 29.50 | 0.00 | 0.00 | 0.00 | 29.50 |
| 0 | 30-4-8 | 8.00 | 8.00 | 0.00 | 0.00 | 0.00 | 8.00 |
| 0 | 30-5-15 | 0.75 | 0.75 | 0.00 | 0.00 | 0.75 | 0.00 |
| 0 | 30-7-10 | 43.19 | 43.19 | 0.00 | 0.00 | 43.05 | 0.14 |
| 0 | 30-10-10 | 10.29 | 10.29 | 0.00 | 0.00 | 1.00 | 9.29 |
| 0 | 30-20-10 | 0.90 | 0.90 | 0.00 | 0.00 | 0.90 | 0.00 |
| 0 | 31-0-0 | 60.05 | 0.00 | 60.05 | 0.00 | 60.05 | 0.00 |
| 0 | 31-3-8 | 5.45 | 5.45 | 0.00 | 0.00 | 0.00 | 5.45 |
| 0 | 31-3-10 | 13.89 | 13.89 | 0.00 | 0.00 | 0.00 | 13.89 |
| 0 | 31-3-12 | 6.31 | 6.31 | 0.00 | 0.00 | 0.00 | 6.31 |
| 0 | 32-0-10 | 36.95 | 36.95 | 0.00 | 0.00 | 36.95 | 0.00 |
| 0 | 32-3-6 | 7.43 | 7.43 | 0.00 | 0.00 | 0.00 | 7.43 |
| 0 | 32-3-8 | 25.44 | 25.44 | 0.00 | 0.00 | 0.00 | 25.44 |
| 0 | 32-3-10 | 2.71 | 0.50 | 2.21 | 0.00 | 1.16 | 1.55 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|----------|-----------|-------|-----------|-----------|-----------|---------|
| 0 | 32-5-7 | 44.00 | 44.00 | 0.00 | 0.00 | 0.00 | 44.00 |
| 0 | 32-7-7 | 36.75 | 36.75 | 0.00 | 0.00 | 36.75 | 0.00 |
| 0 | 33-0-10 | 4.00 | 4.00 | 0.00 | 0.00 | 4.00 | 0.00 |
| 0 | 33-3-6 | 4.50 | 4.50 | 0.00 | 0.00 | 0.00 | 4.50 |
| 0 | 33-3-10 | 13.00 | 13.00 | 0.00 | 0.00 | 12.00 | 1.00 |
| 0 | 34-2-6 | 20.00 | 20.00 | 0.00 | 0.00 | 20.00 | 0.00 |
| 0 | 34-2-10 | 2.25 | 2.25 | 0.00 | 0.00 | 2.25 | 0.00 |
| 0 | 34-3-7 | 3.25 | 3.25 | 0.00 | 0.00 | 0.00 | 3.25 |
| 0 | 34-4-4 | 10.00 | 10.00 | 0.00 | 0.00 | 10.00 | 0.00 |
| 0 | 34-4-10 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| 0 | 35-0-15 | 6.00 | 6.00 | 0.00 | 0.00 | 6.00 | 0.00 |
| 0 | 35-7-7 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 2.00 |
| 0 | 35-18-0 | 529.59 | 0.00 | 529.59 | 0.00 | 529.59 | 0.00 |
| 0 | 35-18-8 | 116.89 | 0.00 | 116.89 | 0.00 | 116.89 | 0.00 |
| 0 | 36-3-4 | 81.53 | 81.53 | 0.00 | 0.00 | 0.00 | 81.53 |
| 0 | 36-3-6 | 4.95 | 0.00 | 4.95 | 0.00 | 4.95 | 0.00 |
| 0 | 36-3-7 | 2.63 | 2.63 | 0.00 | 0.00 | 2.63 | 0.00 |
| 0 | 36-6-6 | 3.54 | 3.54 | 0.00 | 0.00 | 0.00 | 3.54 |
| 0 | 36-16-0 | 4.01 | 0.00 | 4.01 | 0.00 | 4.01 | 0.00 |
| 0 | 37-0-0 | 5.63 | 0.00 | 5.63 | 0.00 | 0.00 | 5.63 |
| 0 | 40-0-0 | 2.00 | 2.00 | 0.00 | 0.00 | 2.00 | 0.00 |
| 0 | 44-0-0 | 32.00 | 0.00 | 32.00 | 0.00 | 32.00 | 0.00 |
| 0 | 66-0-0 | 5.77 | 0.00 | 5.77 | 0.00 | 5.77 | 0.00 |
| 2 | 82-0-0 | 36,593.82 | 0.00 | 0.00 | 36,593.82 | 36,593.82 | 0.00 |
| 10 | 34-0-0 | 398.18 | 4.51 | 393.67 | 0.00 | 398.18 | 0.00 |
| 24 | 21-0-0 | 19,686.18 | 36.63 | 14,038.37 | 5,611.18 | 19,545.83 | 140.35 |
| 27 | 26-0-0 | 1.81 | 0.00 | 0.00 | 1.81 | 1.81 | 0.00 |
| 31 | 12-0-0 | 6,133.11 | 0.00 | 102.42 | 6,030.69 | 6,133.11 | 0.00 |
| 38 | 20.5-0-0 | 2,482.53 | 0.00 | 2,482.53 | 0.00 | 2,482.53 | 0.00 |
| 50 | 7-0-0 | 0.04 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|-------------|------------|--------|------------|------------|------------|----------|
| 54 | 15-0-0 | 4.59 | 0.00 | 0.00 | 4.59 | 4.59 | 0.00 |
| 56 | 23-0-0 | 54.00 | 0.00 | 0.00 | 54.00 | 0.00 | 54.00 |
| 56 | 24-0-0 | 5.00 | 0.00 | 0.00 | 5.00 | 0.00 | 5.00 |
| 56 | 25-0-0 | 392.13 | 0.00 | 0.00 | 392.13 | 392.13 | 0.00 |
| 58 | 28-0-0 | 139,261.29 | 1.00 | 238.14 | 139,022.15 | 138,394.71 | 866.58 |
| 60 | 32-0-0 | 79,136.04 | 0.00 | 0.00 | 79,136.04 | 79,136.04 | 0.00 |
| 62 | 15-0-0 | 0.34 | 0.00 | 0.00 | 0.34 | 0.34 | 0.00 |
| 62 | 16-0-0 | 4.35 | 4.35 | 0.00 | 0.00 | 4.35 | 0.00 |
| 64 | 36-0-0 | 0.31 | 0.31 | 0.00 | 0.00 | 0.00 | 0.31 |
| 64 | 37-0-0 | 4.00 | 4.00 | 0.00 | 0.00 | 4.00 | 0.00 |
| 66 | 46-0-0 | 642,517.58 | 494.71 | 642,022.87 | 0.00 | 641,078.14 | 1,439.44 |
| 68 | 38-0-0 | 2.50 | 1.50 | 1.00 | 0.00 | 1.00 | 1.50 |
| 203 | 18-46-0 | 130,427.89 | 9.46 | 130,418.43 | 0.00 | 130,416.92 | 10.97 |
| 207 | 16-20-0 | 32.00 | 0.00 | 32.00 | 0.00 | 32.00 | 0.00 |
| 209 | 11-52-0 | 225,639.15 | 107.45 | 225,531.70 | 0.00 | 225,196.70 | 442.45 |
| 243 | 0-3-0 | 26.00 | 0.00 | 26.00 | 0.00 | 26.00 | 0.00 |
| 249 | 10-34-0 | 74,958.95 | 0.00 | 0.00 | 74,958.95 | 74,632.95 | 326.00 |
| 253 | 0-35-0 | 92.51 | 0.00 | 0.00 | 92.51 | 0.00 | 92.51 |
| 273 | 0-68-0 | 5,865.61 | 0.00 | 0.00 | 5,865.61 | 5,865.61 | 0.00 |
| 273 | 0-69-0 | 870.23 | 0.00 | 0.00 | 870.23 | 870.23 | 0.00 |
| 428 | 0-0-60 | 69,051.19 | 0.73 | 69,050.03 | 0.43 | 69,038.45 | 12.74 |
| 430 | 0-0-62 | 1,844.45 | 25.55 | 1,725.59 | 93.31 | 1,818.90 | 25.55 |
| 443 | 0-0-21 | 25.50 | 0.00 | 25.50 | 0.00 | 25.50 | 0.00 |
| 443 | 0-0-22 | 138.00 | 0.00 | 138.00 | 0.00 | 138.00 | 0.00 |
| 448 | 0-52-34 | 109.90 | 109.90 | 0.00 | 0.00 | 109.90 | 0.00 |
| 458 | 15-0-15 | 21.30 | 21.30 | 0.00 | 0.00 | 21.30 | 0.00 |
| 458 | 15-0-29 | 0.10 | 0.10 | 0.00 | 0.00 | 0.10 | 0.00 |
| 463 | 0-0-50 | 88.90 | 11.90 | 77.00 | 0.00 | 86.00 | 2.90 |
| 613 | 2-2-1 | 4,381.40 | 0.00 | 4,381.40 | 0.00 | 500.40 | 3,881.00 |
| 649 | 0.5-0.5-0.5 | 208.80 | 0.00 | 208.80 | 0.00 | 208.80 | 0.00 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|------|-------------|----------|----------|----------|--------|----------|---------|
| 652 | 1.9-0.2-0.2 | 726.67 | 0.00 | 726.67 | 0.00 | 726.67 | 0.00 |
| 698 | 0-0-0 | 5.00 | 0.00 | 5.00 | 0.00 | 5.00 | 0.00 |
| 706 | 0-0-0 | 174.31 | 39.70 | 93.48 | 41.14 | 128.06 | 46.25 |
| 720 | 0-0-0 | 20.93 | 12.83 | 8.10 | 0.00 | 18.10 | 2.83 |
| 722 | 0-0-0 | 0.11 | 0.00 | 0.00 | 0.11 | 0.11 | 0.00 |
| 726 | 0-0-0 | 3.00 | 0.00 | 3.00 | 0.00 | 3.00 | 0.00 |
| 728 | 0-0-0 | 1.20 | 1.20 | 0.00 | 0.00 | 0.00 | 1.20 |
| 730 | 0-0-0 | 6.13 | 0.00 | 0.00 | 6.13 | 0.03 | 6.10 |
| 732 | 0-0-0 | 7,796.91 | 0.00 | 7,796.91 | 0.00 | 7,796.91 | 0.00 |
| 733 | 0-0-0 | 1.02 | 0.00 | 0.00 | 1.02 | 1.02 | 0.00 |
| 734 | 0-0-0 | 45.89 | 0.00 | 42.14 | 3.75 | 45.89 | 0.00 |
| 749 | 0-0-0 | 0.57 | 0.00 | 0.00 | 0.57 | 0.52 | 0.05 |
| 754 | 0-0-0 | 27.26 | 2.15 | 24.11 | 1.00 | 25.11 | 2.15 |
| 770 | 0-0-0 | 3,379.41 | 1,888.15 | 1,489.70 | 1.57 | 2,577.44 | 801.98 |
| 773 | 0-0-0 | 1.40 | 0.00 | 1.40 | 0.00 | 1.40 | 0.00 |
| 782 | 0-0-0 | 2,744.26 | 1,789.43 | 954.83 | 0.00 | 2,544.32 | 199.94 |
| 783 | 0-0-0 | 646.07 | 6.59 | 0.00 | 639.48 | 600.09 | 45.98 |
| 784 | 0-0-0 | 251.37 | 0.00 | 250.06 | 1.31 | 250.60 | 0.78 |
| 797 | 0-0-0 | 2,609.52 | 1,290.35 | 936.64 | 382.54 | 2,591.57 | 17.95 |
| 798 | 0-0-0 | 30.84 | 0.00 | 11.15 | 19.69 | 25.42 | 5.42 |
| 907 | 0-0-0 | 142.01 | 0.00 | 142.01 | 0.00 | 142.01 | 0.00 |
| 908 | 0-0-0 | 126.00 | 0.00 | 126.00 | 0.00 | 126.00 | 0.00 |
| 910 | 0-0-0 | 111.97 | 0.00 | 111.97 | 0.00 | 111.97 | 0.00 |
| 978 | 0-0-0 | 749.62 | 71.48 | 476.70 | 201.43 | 734.88 | 14.74 |
| 990 | 0-0-0 | 1.17 | 0.11 | 1.06 | 0.00 | 1.06 | 0.11 |
| 998 | 0-0-0 | 122.53 | 0.57 | 35.96 | 86.00 | 121.96 | 0.57 |

Tuesday, July 24, 2007

DETAIL FERTILIZER SUMMARY
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
From January, 2006 To December, 2006

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

| CODE | GRADE | TOTAL | BAG | BULK | LIQUID | FARM | NONFARM |
|--------|-------|--------------|-----------|--------------|------------|-------------|-----------|
| TOTALS | | 1,553,401.59 | 13,239.15 | 1,154,817.24 | 385,345.21 | 1,531,660.1 | 21,741.44 |

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

Totals of grades Less Than 0 tons.

| | |
|--------------------------|--------------|
| GRAND TOTAL: | 1,561,808.49 |
| GRAND TOTAL FOR BAG: | 13,717.95 |
| GRAND TOTAL FOR | 1,162,744.33 |
| GRAND TOTAL FOR LIQUID: | 385,346.21 |
| GRAND TOTAL FOR FARM: | 1,539,587.25 |
| GRAND TOTAL FOR NONFARM: | 22,221.24 |