



MISSOURI FERTILIZER REPORT

Volume 55, No. 2

January 2014

REPORT OF ANALYSIS OF FERTILIZER SAMPLES COLLECTED

January 1 through June 30, 2013

BAGGED FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|------------------------------------|----------------|----------------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| AGRI-NUTRIENTS, INC | | CATOOSA, OK | | | |
| 5135 | 9.0-24.0-24.0 | 9.2 | 24.3 | 21.3* | 98.11 |
| 5106 | 20.0-10.0-10.0 | 21.9 | 10.0 | 12.8 | 109.43 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 1 - | 102.36 |
| BAYER ADVANCED LLC | | RESEARCH TRIANGLE PARK, NC | | | |
| 5363 | 4.0- 7.0- 4.0 | 7.7 | 9.2 | 8.5 | 162.69 |
| 4429** | 6.0- 9.0- 6.0 | 4.8* | 5.6* | 6.4 | 75.56* |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 1 - | 112.09 |
| BONIDE PRODUCTS, INC | | ORISKANY, NY | | | |
| 3446** | 10.0-25.0-12.0 | 11.0 | 24.6 | 12.3 | 101.83 |
| 3460** | 16.0- 0.0- 8.0 | 15.2 | 0.0 | 7.9 | 95.75* |
| 4626** | 16.0- 0.0- 8.0 | 15.4 | 0.0 | 8.4 | 98.00 |
| 4625** | 20.0- 0.0-10.0 | 18.4 | 0.0 | 9.1 | 91.80* |
| #TOTALS - NO. SAMPLES | | 4 - SMPLS | MISBRANDED | 2 - | 97.59 |
| CHEMSICO-DIV, OF UNITED INDUSTRIES | | ST LOUIS, MO | | | |
| 3440** | 20.0-27.0- 5.0 | 17.9* | 24.6* | 8.2 | 94.14* |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 2 - | 93.58 |
| CHOUTEAU LIME CO, INC | | PRYOR, OK | | | |
| 2233 | 8.0-24.0-24.0 | 9.5 | 24.0 | 24.7 | 104.20 |
| 5136 | 8.0-24.0-24.0 | 9.3 | 24.6 | 23.5 | 103.75 |
| 5138 | 8.0-24.0-24.0 | 8.9 | 23.3 | 24.4 | 100.91 |
| 2232 | 10.0-20.0-10.0 | 13.0 | 22.3 | 9.8 | 114.86 |
| 5131 | 10.0-20.0-10.0 | 12.1 | 23.2 | 12.0 | 118.00 |
| 2229 | 13.0-13.0-13.0 | 13.6 | 13.7 | 13.4 | 104.62 |
| 4359 | 13.0-13.0-13.0 | 14.1 | 13.3 | 13.5 | 105.08 |
| 5111 | 13.0-13.0-13.0 | 10.8* | 12.4 | 11.7 | 89.38* |
| 2192 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | | 12 - SMPLS | MISBRANDED | 2 - | 103.44 |
| BALL DPF, LLC | | SHERMAN, TX | | | |
| 3646** | 15.0-25.0-10.0 | 15.6 | 27.5 | 11.8 | 108.89 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 108.89 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| DOMESTIC FERTILIZER INC | | WOMELSDORF, PA | | | |
| 5354 | 8.0-11.0-11.0 | 12.7 | 15.2 | 12.0 | 138.37 |
| 5348** | 11.0- 3.0- 4.0 | 17.5 | 7.0 | 4.9 | 168.44 |
| 5340 | 15.0- 3.0- 3.0 | 15.4 | 21.4 | 7.0 | 206.67 |
| 5342** | 15.0- 3.0- 3.0 | 16.7 | 3.8 | 4.3 | 116.15 |
| #TOTALS - NO. SAMPLES | | 4 - SMPLS | MISBRANDED | 0 - | 155.72 |
| EASY GARDENER INC | | WOMELSDORF, PA | | | |
| 2529** | 4.0- 4.0- 4.0 | 4.1 | 5.7 | 6.0 | 128.00 |
| 5362** | 4.0- 4.0- 4.0 | 4.1 | 5.0 | 5.1 | 116.50 |
| 3466 | 5.0- 0.0- 3.0 | 4.8 | 0.0 | 4.6 | 109.23 |
| 3651 | 6.0-18.0- 6.0 | 9.9 | 22.1 | 7.3 | 132.04 |
| 5358 | 6.0-18.0- 6.0 | 8.9 | 22.0 | 7.0 | 127.41 |
| 5359 | 6.0-18.0- 6.0 | 8.8 | 21.6 | 6.6 | 124.81 |
| 5360 | 6.0-18.0- 6.0 | 9.3 | 20.8 | 8.6 | 127.41 |
| 5353 | 8.0- 9.0-12.0 | 11.4 | 14.4 | 12.3 | 138.91 |
| 3857 | 13.0- 4.0- 5.0 | 15.0 | 8.8 | 7.0 | 140.00 |
| 3858 | 13.0- 4.0- 5.0 | 14.2 | 9.3 | 7.4 | 139.49 |
| 3859 | 13.0- 4.0- 5.0 | 14.4 | 9.8 | 7.5 | 143.33 |
| 4235 | 13.0- 4.0- 5.0 | 15.0 | 8.6 | 7.4 | 140.00 |
| 4424 | 13.0- 4.0- 5.0 | 15.0 | 5.7 | 7.4 | 125.13 |
| 4425 | 13.0- 4.0- 5.0 | 15.4 | 8.4 | 6.9 | 139.74 |
| 5345 | 13.0- 4.0- 5.0 | 14.6 | 6.4 | 7.4 | 126.67 |
| 5343** | 15.0- 3.0- 3.0 | 17.6 | 4.8 | 5.3 | 128.46 |
| 4232 | 16.0- 4.0- 4.0 | 18.6 | 7.6 | 3.6 | 127.27 |
| #TOTALS - NO. SAMPLES | | 18 - SMPLS | MISBRANDED | 0 - | 130.70 |
| EAU CLAIRE COOP COMPANY | | EAU CLAIRE, WI | | | |
| 4937 | 10.0-10.0-10.0 | 9.8 | 10.0 | 10.5 | 100.20 |
| 2676 | 10.0-18.0- 6.0 | 9.5 | 17.3 | 6.4 | 96.77* |
| 4082 | 24.0- 0.0- 3.0 | 25.0 | 0.0 | 3.2 | 104.31 |
| 2721 | 26.0- 0.0- 3.0 | 26.6 | 0.0 | 3.3 | 102.73 |
| 2720 | 28.0- 0.0- 3.0 | 32.0 | 0.0 | 3.0 | 113.56 |
| 3879** | 28.0- 0.0- 3.0 | 28.1 | 0.0 | 3.9 | 101.86 |
| 4073** | 28.0- 0.0- 3.0 | 28.7 | 0.0 | 3.7 | 103.56 |
| 4074** | 28.0- 0.0- 3.0 | 28.1 | 0.0 | 3.3 | 100.85 |

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BAGGED FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| EAU CLAIRE COOP COMPANY | | EAU CLAIRE, WI | | | |
| 5018 | 28.0- 0.0- 3.0 | 27.4 | 0.0 | 3.4 | 98.64 |
| 2718 | 30.0- 0.0- 3.0 | 29.1 | 0.0 | 3.9 | 98.57 |
| 3873** | 30.0- 0.0- 3.0 | 31.8 | 0.0 | 3.5 | 106.51 |
| #TOTALS - NO. SAMPLES | | 19 | - SMPLS MISBRANDED | 4 | - 101.24 |
| FARNAM COMPANY | | PHOENIX, AZ | | | |
| 4153 | 0.0- 6.0- 5.0 | 0.0 | 7.3 | 6.0 | 121.18 |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 121.18 |
| FREE FLOW FERTILIZER | | MAUMEE, OH | | | |
| 3650 | 10.0-10.0-10.0 | 10.2 | 10.7 | 9.4 | 102.40 |
| 3663 | 12.0- 0.0-12.0 | 12.6 | 0.0 | 12.4 | 104.44 |
| 3799 | 12.0-12.0-12.0 | 12.0 | 10.7* | 11.0 | 94.00* |
| 3657 | 27.0- 0.0- 3.0 | 26.5 | 0.0 | 3.7 | 99.47 |
| 3451 | 29.0- 0.0- 3.0 | 31.3 | 0.0 | 4.4 | 109.84 |
| #TOTALS - NO. SAMPLES | | 7 | - SMPLS MISBRANDED | 1 | - 102.67 |
| GOOD EARTH HORTICULTURE | | LANCASTER, NY | | | |
| 3652 | 5.0-10.0-10.0 | 5.9 | 10.9 | 10.1 | 109.25 |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 109.25 |
| GRO TEC, INC | | COVINGTON, GA | | | |
| 4471 | 1.0- 0.0- 1.0 | 1.3 | 0.0 | 1.1 | 123.33 |
| 3003 | 6.0-10.0-10.0 | 5.2* | 7.2* | 7.8* | 77.62* |
| 3805 | 6.0-10.0-10.0 | 5.6 | 8.6* | 10.6 | 92.86* |
| 4197 | 6.0-10.0-10.0 | 5.9 | 9.0 | 9.9 | 94.52* |
| 4371 | 6.0-10.0-10.0 | 5.5 | 8.0* | 7.9* | 83.10* |
| 4372 | 6.0-10.0-10.0 | 5.8 | 8.9* | 8.4* | 90.00* |
| 4373 | 6.0-10.0-10.0 | 6.5 | 11.5 | 12.4 | 115.24 |
| 4942 | 6.0-10.0-10.0 | 5.7 | 9.2 | 9.1 | 92.62* |
| 5330 | 6.0-10.0-10.0 | 5.9 | 9.6 | 8.9* | 95.00* |
| 3804 | 8.0-12.0- 4.0 | 8.5 | 14.5 | 5.4 | 116.82 |
| 4195 | 8.0-12.0- 4.0 | 7.9 | 11.4 | 4.6 | 98.18 |
| 4196 | 8.0-12.0- 4.0 | 8.5 | 13.6 | 5.4 | 112.73 |
| 4369 | 8.0-12.0- 4.0 | 7.6 | 10.4* | 4.0 | 90.91* |
| 4370 | 8.0-12.0- 4.0 | 9.9 | 16.8 | 15.2 | 155.91 |
| 3803 | 9.0-12.0-12.0 | 9.0 | 10.7* | 11.1 | 93.52* |
| 4194 | 9.0-12.0-12.0 | 8.8 | 11.9 | 12.6 | 100.00 |
| 4367 | 9.0-12.0-12.0 | 9.2 | 12.7 | 11.3 | 102.04 |
| 4368 | 9.0-12.0-12.0 | 8.8 | 10.6* | 10.7* | 91.67* |
| 3200 | 10.0-10.0-10.0 | 10.0 | 10.0 | 11.2 | 102.40 |
| 4366** | 10.0-30.0-20.0 | 12.0 | 33.0 | 20.6 | 110.60 |
| 3445 | 12.0- 5.0- 7.0 | 12.3 | 4.8 | 8.5 | 104.15 |
| 3058** | 15.0- 3.0- 3.0 | 17.3 | 4.4 | 5.0 | 124.10 |
| 3854 | 15.0- 3.0- 3.0 | 16.8 | 4.8 | 4.1 | 121.28 |
| 3855 | 15.0- 3.0- 3.0 | 16.7 | 4.6 | 4.7 | 121.28 |
| 3856 | 15.0- 3.0- 3.0 | 17.9 | 7.2 | 4.3 | 139.74 |
| 4234 | 15.0- 3.0- 3.0 | 16.0 | 5.6 | 7.2 | 129.23 |
| 4420 | 15.0- 3.0- 3.0 | 16.1 | 4.8 | 4.5 | 118.72 |
| 4421 | 15.0- 3.0- 3.0 | 17.2 | 4.6 | 5.6 | 126.15 |
| 4422 | 15.0- 3.0- 3.0 | 16.9 | 4.6 | 4.6 | 122.05 |
| 5341 | 15.0- 3.0- 3.0 | 16.9 | 4.9 | 5.1 | 124.87 |
| 3458** | 16.0- 0.0- 3.0 | 14.3* | 0.0 | 2.9 | 90.00* |
| 3443** | 18.0-24.0- 6.0 | 18.9 | 25.8 | 5.9 | 105.89 |
| 4060** | 18.0-24.0- 6.0 | 17.8 | 24.6 | 5.0* | 99.78 |
| 4415 | 18.0-24.0- 6.0 | 19.2 | 23.4 | 5.8 | 101.11 |
| 4416 | 18.0-24.0- 6.0 | 17.8 | 24.0 | 5.6 | 99.11 |
| 4417 | 18.0-24.0- 6.0 | 18.6 | 23.0 | 6.2 | 99.33 |
| 4798 | 18.0-24.0- 6.0 | 18.6 | 23.8 | 5.7 | 100.56 |
| 5171** | 18.0-24.0- 6.0 | 18.6 | 26.4 | 5.8 | 106.44 |
| 5257 | 18.0-24.0- 6.0 | 17.2 | 23.0 | 6.2 | 96.22* |
| 4340 | 24.0- 8.0-16.0 | 23.4 | 8.6 | 17.8 | 102.25 |
| 2908 | 28.0- 0.0- 3.0 | 28.8 | 0.0 | 3.1 | 102.88 |
| 3274 | 28.0- 0.0- 3.0 | 29.3 | 0.0 | 3.3 | 104.92 |
| 3454 | 28.0- 0.0- 3.0 | 30.1 | 0.0 | 4.8 | 110.17 |
| 3878 | 28.0- 0.0- 3.0 | 28.3 | 0.0 | 2.8 | 100.68 |
| 4075 | 28.0- 0.0- 3.0 | 29.9 | 0.0 | 2.9 | 106.27 |
| 4078 | 28.0- 0.0- 3.0 | 29.4 | 0.0 | 3.1 | 104.92 |
| 4247 | 28.0- 0.0- 3.0 | 28.3 | 0.0 | 3.1 | 101.19 |
| 4250 | 28.0- 0.0- 3.0 | 25.2* | 0.0 | 3.7 | 91.69* |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---------------------------|----------------|-------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| GRO TEC, INC | | COVINGTON, GA | | | |
| 4452 | 28.0- 0.0- 3.0 | 28.6 | 0.0 | 3.2 | 102.37 |
| 4454 | 28.0- 0.0- 3.0 | 26.5 | 0.0 | 3.4 | 95.59* |
| 4458 | 28.0- 0.0- 3.0 | 25.2* | 0.0 | 3.6 | 91.53* |
| 4459 | 28.0- 0.0- 3.0 | 28.7 | 0.0 | 3.1 | 102.54 |
| 4460 | 28.0- 0.0- 3.0 | 26.2 | 0.0 | 3.3 | 94.41* |
| 3277 | 28.0- 0.0- 4.0 | 29.6 | 0.0 | 5.1 | 107.17 |
| 3453 | 28.0- 0.0- 4.0 | 14.3* | 0.0 | 2.9* | 52.50* |
| 3656 | 28.0- 0.0- 4.0 | 24.8* | 0.0 | 6.0 | 92.67* |
| 3880 | 28.0- 0.0- 4.0 | 25.9* | 0.0 | 4.3 | 93.50* |
| 4080 | 28.0- 0.0- 4.0 | 28.9 | 0.0 | 4.3 | 103.50 |
| 4806 | 28.0- 0.0- 4.0 | 28.0 | 0.0 | 4.7 | 101.17 |
| 4807 | 28.0- 0.0- 4.0 | 29.3 | 0.0 | 4.1 | 104.50 |
| 4808 | 28.0- 0.0- 4.0 | 27.1 | 0.0 | 5.5 | 99.50 |
| 4809 | 28.0- 0.0- 4.0 | 28.8 | 0.0 | 4.6 | 103.67 |
| 4810 | 28.0- 0.0- 4.0 | 28.5 | 0.0 | 6.2 | 105.33 |
| 5261 | 28.0- 0.0- 4.0 | 29.4 | 0.0 | 4.7 | 105.83 |
| 3273 | 29.0- 0.0- 4.0 | 30.6 | 0.0 | 4.3 | 105.65 |
| 3876 | 29.0- 0.0- 4.0 | 28.4 | 0.0 | 4.5 | 98.87 |
| 4449 | 29.0- 0.0- 4.0 | 31.2 | 0.0 | 4.3 | 107.58 |
| 4450 | 29.0- 0.0- 4.0 | 28.4 | 0.0 | 4.3 | 98.55 |
| 5175 | 29.0- 0.0- 4.0 | 29.9 | 0.0 | 3.8 | 102.58 |
| 3272** | 29.0- 0.0- 5.0 | 30.0 | 0.0 | 5.7 | 104.29 |
| 3452** | 29.0- 0.0- 5.0 | 37.0 | 0.0 | 3.8* | 123.49 |
| 3655** | 29.0- 0.0- 5.0 | 30.0 | 0.0 | 5.0 | 103.17 |
| 3877** | 29.0- 0.0- 5.0 | 28.5 | 0.0 | 5.7 | 99.52 |
| 4451 | 29.0- 0.0- 5.0 | 28.8 | 0.0 | 5.9 | 100.79 |
| 4804** | 29.0- 0.0- 5.0 | 27.1 | 0.0 | 4.6 | 93.33* |
| 4805 | 29.0- 0.0- 5.0 | 30.9 | 0.0 | 5.5 | 106.83 |
| 4245 | 30.0- 0.0- 4.0 | 29.9 | 0.0 | 3.8 | 99.38 |
| 4246 | 30.0- 0.0- 4.0 | 29.7 | 0.0 | 3.8 | 98.75 |
| 4447 | 30.0- 0.0- 4.0 | 29.7 | 0.0 | 4.5 | 99.84 |
| 5017 | 30.0- 0.0- 4.0 | 28.0 | 0.0 | 4.2 | 94.06* |
| #TOTALS - NO. SAMPLES | | 88 | - SMPLS MISBRANDED | 24 | - 102.51 |
| HELENA CHEMICAL COMPANY | | COLLIERSVILLE, TN | | | |
| #TOTALS - NO. SAMPLES | | 3 | - SMPLS MISBRANDED | 1 | - 100.04 |
| HELENA CHEMICAL COMPANY | | DUDLEY, MO | | | |
| 3636 | 26.0- 3.0- 4.0 | 26.0 | 3.0 | 4.6 | 100.97 |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 100.97 |
| HOWARD JOHNSON'S ENT, INC | | FRANKLIN, WI | | | |
| 3396 | 6.0-24.0-24.0 | 5.8 | 22.6 | 25.4 | 97.86 |
| 2912 | 10.0- 0.0-10.0 | 9.8 | 0.0 | 9.4 | 96.67* |
| 3287 | 10.0- 0.0-10.0 | 9.8 | 0.0 | 9.9 | 98.33 |
| 3288 | 10.0- 0.0-10.0 | 11.6 | 0.0 | 11.2 | 114.67 |
| 3464 | 10.0- 0.0-10.0 | 9.6 | 0.0 | 9.4 | 95.33* |
| 3802 | 10.0- 0.0-10.0 | 9.9 | 0.0 | 9.6 | 98.00 |
| 4097 | 10.0- 0.0-10.0 | 10.3 | 0.0 | 9.9 | 101.67 |
| 4098 | 10.0- 0.0-10.0 | 10.8 | 0.0 | 10.0 | 105.33 |
| 4256 | 10.0- 0.0-10.0 | 9.9 | 0.0 | 9.8 | 98.67 |
| 4257 | 10.0- 0.0-10.0 | 9.4 | 0.0 | 9.9 | 95.67* |
| 4469 | 10.0- 0.0-10.0 | 11.8 | 0.0 | 10.0 | 112.00 |
| 4470 | 10.0- 0.0-10.0 | 9.8 | 0.0 | 10.3 | 99.67 |
| 5182 | 10.0- 0.0-10.0 | 9.2 | 0.0 | 10.4 | 96.00* |
| 5183 | 10.0- 0.0-10.0 | 11.2 | 0.0 | 11.6 | 113.33 |
| 5263 | 10.0- 0.0-10.0 | 9.7 | 0.0 | 9.4 | 96.00* |
| 3647 | 10.0- 6.0- 4.0 | 8.7* | 5.2* | 3.6 | 87.22* |
| 3648 | 10.0- 6.0- 4.0 | 12.0 | 6.4 | 4.5 | 114.72 |
| 3649 | 10.0- 6.0- 4.0 | 10.4 | 4.6* | 4.0 | 94.44* |
| 4063 | 10.0- 6.0- 4.0 | 9.3 | 5.0* | 4.0 | 90.56* |
| 3201 | 10.0-10.0-10.0 | 10.2 | 10.3 | 10.0 | 102.00 |
| 3202 | 10.0-10.0-10.0 | 8.0* | 8.0* | 8.8* | 81.60* |
| 3999 | 10.0-10.0-10.0 | 10.0 | 9.2 | 10.6 | 98.00 |
| 4748 | 10.0-20.0-10.0 | 9.8 | 19.6 | 10.5 | 99.00 |
| 3284** | 12.0- 0.0- 4.0 | 14.2 | 0.0 | 4.4 | 117.14 |
| 2910 | 12.0- 0.0-12.0 | 14.5 | 0.0 | 14.4 | 120.56 |
| 2911 | 12.0- 0.0-12.0 | 12.8 | 0.0 | 11.7 | 103.61 |
| 3283 | 12.0- 0.0-12.0 | 12.0 | 0.0 | 10.9 | 96.94* |
| 3285 | 12.0- 0.0-12.0 | 11.6 | 0.0 | 11.0 | 95.00* |

BAGGED FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---------------------------|----------------|--------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| HOWARD JOHNSON'S ENT, INC | | FRANKLIN, WI | | | |
| 3286 | 12.0- 0.0-12.0 | 12.5 | 0.0 | 12.7 | 104.72 |
| 3463 | 12.0- 0.0-12.0 | 13.6 | 0.0 | 12.9 | 111.39 |
| 4094 | 12.0- 0.0-12.0 | 12.4 | 0.0 | 11.9 | 101.94 |
| 4095 | 12.0- 0.0-12.0 | 11.4 | 0.0 | 9.9* | 90.83* |
| 4096 | 12.0- 0.0-12.0 | 11.9 | 0.0 | 10.8 | 96.11* |
| 4253 | 12.0- 0.0-12.0 | 10.7* | 0.0 | 10.9 | 89.72* |
| 4255 | 12.0- 0.0-12.0 | 12.3 | 0.0 | 11.0 | 98.89 |
| 4465 | 12.0- 0.0-12.0 | 12.2 | 0.0 | 12.5 | 102.50 |
| 4466 | 12.0- 0.0-12.0 | 12.7 | 0.0 | 12.2 | 104.44 |
| 4467 | 12.0- 0.0-12.0 | 7.2* | 0.0 | 11.8 | 72.78* |
| 4468 | 12.0- 0.0-12.0 | 12.8 | 0.0 | 14.0 | 110.00 |
| 5180 | 12.0- 0.0-12.0 | 12.8 | 0.0 | 12.4 | 105.56 |
| 5181 | 12.0- 0.0-12.0 | 12.4 | 0.0 | 13.2 | 105.56 |
| 2675 | 12.0-12.0-12.0 | 12.2 | 12.0 | 12.4 | 101.33 |
| 2806 | 12.0-12.0-12.0 | 12.1 | 12.1 | 11.9 | 100.50 |
| 2808 | 12.0-12.0-12.0 | 12.3 | 12.0 | 11.9 | 100.83 |
| 2809 | 12.0-12.0-12.0 | 11.1 | 12.2 | 12.5 | 98.50 |
| 2810 | 12.0-12.0-12.0 | 11.7 | 11.1 | 11.9 | 95.83* |
| 2995 | 12.0-12.0-12.0 | 10.4* | 9.9* | 11.2 | 86.33* |
| 2996 | 12.0-12.0-12.0 | 12.1 | 12.3 | 12.1 | 101.50 |
| 3196 | 12.0-12.0-12.0 | 11.7 | 10.6* | 11.0 | 92.67* |
| 3197 | 12.0-12.0-12.0 | 12.5 | 12.4 | 11.4 | 102.00 |
| 3198 | 12.0-12.0-12.0 | 12.9 | 12.6 | 12.6 | 106.00 |
| 3199 | 12.0-12.0-12.0 | 12.1 | 11.6 | 11.9 | 98.83 |
| 3587 | 12.0-12.0-12.0 | 11.7 | 11.8 | 12.2 | 98.67 |
| 3589 | 12.0-12.0-12.0 | 11.4 | 11.8 | 12.5 | 98.17 |
| 3590 | 12.0-12.0-12.0 | 12.1 | 12.4 | 18.8 | 113.00 |
| 3591 | 12.0-12.0-12.0 | 11.8 | 11.5 | 12.0 | 97.67 |
| 3800 | 12.0-12.0-12.0 | 11.4 | 11.2 | 11.9 | 95.17* |
| 3801 | 12.0-12.0-12.0 | 11.7 | 11.3 | 12.2 | 97.00 |
| 4364 | 12.0-12.0-12.0 | 12.6 | 12.2 | 12.9 | 104.17 |
| 4734 | 12.0-12.0-12.0 | 11.3 | 11.3 | 11.6 | 94.67* |
| 4735 | 12.0-12.0-12.0 | 14.5 | 14.0 | 13.3 | 117.17 |
| 4736 | 12.0-12.0-12.0 | 12.8 | 14.4 | 12.3 | 111.17 |
| 4737 | 12.0-12.0-12.0 | 13.0 | 15.0 | 12.2 | 113.67 |
| 4738 | 12.0-12.0-12.0 | 12.4 | 12.8 | 11.8 | 103.67 |
| 4739 | 12.0-12.0-12.0 | 11.2 | 11.6 | 12.3 | 96.50* |
| 4740 | 12.0-12.0-12.0 | 15.1 | 13.8 | 13.4 | 118.67 |
| 4741 | 12.0-12.0-12.0 | 14.3 | 14.4 | 13.8 | 118.67 |
| 4936 | 12.0-12.0-12.0 | 11.7 | 12.4 | 12.0 | 100.33 |
| 5125 | 12.0-12.0-12.0 | 10.1* | 10.4* | 11.3 | 87.17* |
| 5126 | 12.0-12.0-12.0 | 13.5 | 14.0 | 11.7 | 111.17 |
| 2994** | 12.0-20.0- 6.0 | 11.9 | 18.8 | 6.2 | 96.57* |
| 3256** | 12.0-20.0- 6.0 | 10.8 | 16.2* | 6.4 | 86.29* |
| 3257** | 12.0-20.0- 6.0 | 10.7* | 16.9* | 6.3 | 87.86* |
| 3583 | 13.0-13.0-13.0 | 12.8 | 12.5 | 13.6 | 98.77 |
| 3584 | 13.0-13.0-13.0 | 12.8 | 12.3 | 14.0 | 98.77 |
| 3585 | 13.0-13.0-13.0 | 13.4 | 13.1 | 14.0 | 103.08 |
| 3990 | 13.0-13.0-13.0 | 13.0 | 13.2 | 13.1 | 100.77 |
| 4581 | 13.0-13.0-13.0 | 13.5 | 15.0 | 12.0 | 106.15 |
| 4932 | 13.0-13.0-13.0 | 13.0 | 13.9 | 13.4 | 103.38 |
| 5121 | 13.0-13.0-13.0 | 11.7 | 12.6 | 12.8 | 94.46* |
| 5275** | 14.0- 0.0- 0.0 | 14.5 | 0.0 | 0.0 | 103.57 |
| 5276** | 14.0- 0.0- 0.0 | 14.5 | 0.0 | 0.0 | 103.57 |
| 3281** | 15.0- 0.0- 5.0 | 13.4* | 0.0 | 5.0 | 90.86* |
| 3282** | 15.0- 0.0- 5.0 | 13.5 | 0.0 | 5.6 | 93.14* |
| 3461** | 15.0- 0.0- 5.0 | 14.8 | 0.0 | 4.9 | 98.57 |
| 3462** | 15.0- 0.0- 5.0 | 14.8 | 0.0 | 5.5 | 100.29 |
| 4093** | 15.0- 0.0- 5.0 | 13.5 | 0.0 | 5.2 | 92.00* |
| 5011 | 15.0- 3.0- 5.0 | 14.5 | 3.2 | 5.2 | 99.02 |
| 5172 | 15.0- 3.0- 5.0 | 16.4 | 3.2 | 5.3 | 108.54 |
| 3662 | 16.0- 0.0- 4.0 | 16.0 | 0.0 | 4.8 | 102.22 |
| 5021 | 16.0- 0.0- 4.0 | 15.7 | 0.0 | 4.0 | 98.33 |
| 3255** | 16.0- 2.0- 2.0 | 13.8* | 1.6* | 2.0 | 86.32* |
| 3187** | 16.0- 4.0- 8.0 | 12.8* | 3.0* | 8.6 | 83.75* |
| 3069** | 18.0- 0.0-12.0 | 17.5 | 0.0 | 12.9 | 99.79 |
| 3279 | 20.0- 0.0- 4.0 | 20.6 | 0.0 | 4.5 | 103.86 |
| 3275** | 23.0- 0.0- 8.0 | 21.6 | 0.0 | 8.7 | 96.11* |
| 3276 | 23.0- 0.0- 8.0 | 20.6* | 0.0 | 9.0 | 92.96* |
| 3457** | 23.0- 0.0- 8.0 | 23.0 | 0.0 | 8.3 | 100.56 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|--------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| HOWARD JOHNSON'S ENT, INC | | FRANKLIN, WI | | | |
| 2713** | 23.0- 3.0- 8.0 | 20.8* | 2.3* | 9.3 | 92.50* |
| 2714** | 23.0- 3.0- 8.0 | 20.4* | 2.6* | 8.8 | 91.33* |
| 2900** | 23.0- 3.0- 8.0 | 22.9 | 3.0 | 7.8 | 99.33 |
| 2901 | 23.0- 3.0- 8.0 | 23.8 | 3.2 | 9.2 | 105.33 |
| 3055** | 23.0- 3.0- 8.0 | 21.4 | 2.8 | 8.8 | 95.33* |
| 3056** | 23.0- 3.0- 8.0 | 21.0 | 3.0 | 9.1 | 95.17* |
| 3247 | 23.0- 3.0- 8.0 | 22.3 | 2.8 | 7.7 | 96.50* |
| 3248** | 23.0- 3.0- 8.0 | 20.8* | 2.9 | 8.6 | 93.33* |
| 3249** | 23.0- 3.0- 8.0 | 22.0 | 2.8 | 8.0 | 96.00* |
| 3250** | 23.0- 3.0- 8.0 | 21.5 | 2.5* | 8.0 | 93.33* |
| 3439** | 23.0- 3.0- 8.0 | 22.2 | 3.4 | 8.4 | 99.33 |
| 3641** | 23.0- 3.0- 8.0 | 23.1 | 3.0 | 8.2 | 100.67 |
| 3642 | 23.0- 3.0- 8.0 | 23.9 | 3.4 | 8.6 | 105.33 |
| 3643 | 23.0- 3.0- 8.0 | 23.5 | 3.1 | 8.6 | 103.00 |
| 4230** | 23.0- 3.0- 8.0 | 20.9* | 2.6* | 8.4 | 92.33* |
| 4792** | 23.0- 3.0- 8.0 | 23.7 | 2.9 | 8.0 | 102.00 |
| 4793** | 23.0- 3.0- 8.0 | 21.6 | 1.3* | 8.3 | 90.17* |
| 4794** | 23.0- 3.0- 8.0 | 23.2 | 2.6* | 8.1 | 99.50 |
| 4795** | 23.0- 3.0- 8.0 | 23.1 | 2.9 | 8.0 | 100.00 |
| 5009** | 23.0- 3.0- 8.0 | 23.4 | 3.2 | 8.1 | 102.17 |
| 5169 | 23.0- 3.0- 8.0 | 23.9 | 2.9 | 8.6 | 103.67 |
| 3246** | 25.0- 2.0- 2.0 | 24.6 | 2.0 | 2.5 | 99.46 |
| 3658 | 26.0- 0.0- 3.0 | 25.9 | 0.0 | 4.0 | 101.45 |
| 3659 | 26.0- 0.0- 3.0 | 21.8* | 0.0 | 3.8 | 86.18* |
| 4622 | 26.0- 0.0- 3.0 | 19.8* | 0.0 | 3.2 | 77.82* |
| 2711** | 26.0- 3.0- 4.0 | 24.9 | 2.6* | 4.0 | 95.16* |
| 2712** | 26.0- 3.0- 4.0 | 27.0 | 3.2 | 3.8 | 103.55 |
| 2896 | 26.0- 3.0- 4.0 | 25.5 | 3.2 | 4.3 | 99.52 |
| 2897** | 26.0- 3.0- 4.0 | 24.1 | 2.0* | 4.6 | 91.61* |
| 2898** | 26.0- 3.0- 4.0 | 26.0 | 3.3 | 4.0 | 100.97 |
| 2899** | 26.0- 3.0- 4.0 | 27.1 | 3.2 | 4.3 | 104.68 |
| 3052 | 26.0- 3.0- 4.0 | 26.9 | 3.0 | 4.9 | 104.35 |
| 3053** | 26.0- 3.0- 4.0 | 24.6 | 2.9 | 4.5 | 95.97* |
| 3240 | 26.0- 3.0- 4.0 | 25.7 | 3.0 | 4.6 | 100.00 |
| 3241** | 26.0- 3.0- 4.0 | 26.3 | 3.2 | 4.3 | 102.10 |
| 3242** | 26.0- 3.0- 4.0 | 26.2 | 3.3 | 4.5 | 102.42 |
| 3243** | 26.0- 3.0- 4.0 | 25.3 | 3.0 | 4.2 | 98.06 |
| 3244** | 26.0- 3.0- 4.0 | 25.7 | 2.9 | 4.5 | 99.52 |
| 3245** | 26.0- 3.0- 4.0 | 25.1 | 3.1 | 3.8 | 97.10 |
| 3437** | 26.0- 3.0- 4.0 | 24.2 | 2.8 | 4.7 | 94.68* |
| 3633 | 26.0- 3.0- 4.0 | 25.1 | 3.1 | 4.4 | 98.06 |
| 3634 | 26.0- 3.0- 4.0 | 26.0 | 3.0 | 4.5 | 100.81 |
| 3635 | 26.0- 3.0- 4.0 | 24.0 | 3.1 | 4.4 | 94.52* |
| 3637 | 26.0- 3.0- 4.0 | 26.9 | 3.0 | 4.8 | 104.19 |
| 3638** | 26.0- 3.0- 4.0 | 27.4 | 3.0 | 4.0 | 104.52 |
| 3639** | 26.0- 3.0- 4.0 | 26.2 | 3.1 | 4.0 | 100.97 |
| 4049** | 26.0- 3.0- 4.0 | 26.1 | 3.5 | 4.2 | 102.26 |
| 4050** | 26.0- 3.0- 4.0 | 25.8 | 3.2 | 4.2 | 100.32 |
| 4051** | 26.0- 3.0- 4.0 | 24.7 | 3.5 | 4.3 | 97.90 |
| 4052** | 26.0- 3.0- 4.0 | 26.6 | 3.0 | 3.9 | 101.77 |
| 4053** | 26.0- 3.0- 4.0 | 24.6 | 3.0 | 4.4 | 96.13* |
| 4223** | 26.0- 3.0- 4.0 | 25.2 | 2.8 | 4.2 | 97.10 |
| 4224** | 26.0- 3.0- 4.0 | 25.1 | 2.8 | 4.2 | 96.77* |
| 4225** | 26.0- 3.0- 4.0 | 26.5 | 2.8 | 4.5 | 101.77 |
| 4226** | 26.0- 3.0- 4.0 | 26.3 | 2.9 | 4.6 | 101.61 |
| 4227** | 26.0- 3.0- 4.0 | 25.0 | 2.6* | 4.4 | 96.13* |
| 4228** | 26.0- 3.0- 4.0 | 25.3 | 2.8 | 4.2 | 97.42 |
| 4229** | 26.0- 3.0- 4.0 | 25.0 | 2.7 | 4.4 | 96.45* |
| 4406** | 26.0- 3.0- 4.0 | 25.7 | 3.2 | 4.4 | 100.32 |
| 4789** | 26.0- 3.0- 4.0 | 26.3 | 3.1 | 4.2 | 101.61 |
| 4790** | 26.0- 3.0- 4.0 | 25.0 | 3.2 | 4.3 | 97.90 |
| 3269** | 30.0- 0.0- 3.0 | 31.0 | 0.0 | 2.6* | 102.54 |
| 5096** | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| #TOTALS - NO. SAMPLES | | 204 | - SMPLS MISBRANDED 73 | | - 99.26 |
| HOWARD JOHNSON'S ENTERPRISES INC | | NEOSHO, MO | | | |
| 5127 | 10.0-20.0-10.0 | 9.4 | 19.2 | 9.5 | 95.29* |
| 5128 | 10.0-20.0-10.0 | 9.3 | 19.1 | 9.0 | 94.00* |
| 5129 | 10.0-20.0-10.0 | 8.7* | 17.9* | 7.8* | 87.14* |
| 5130 | 10.0-20.0-10.0 | 9.2 | 18.9 | 8.9* | 93.00* |

BAGGED FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|-----------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| HOWARD JOHNSON'S ENTERPRISES INC | | NEOSHO, MO | | | |
| 5132 | 10.0-20.0-10.0 | 9.2 | 19.3 | 9.4 | 94.86* |
| 5133 | 10.0-20.0-10.0 | 9.5 | 19.5 | 8.9* | 95.57* |
| 4254 | 12.0- 0.0-12.0 | 12.8 | 0.0 | 12.2 | 105.00 |
| 3390 | 12.0-12.0-12.0 | 11.1 | 10.5* | 12.3 | 92.50* |
| 4062** | 12.0-18.0- 6.0 | 12.0 | 17.7 | 6.0 | 99.09 |
| 3997** | 12.0-20.0- 6.0 | 14.5 | 22.8 | 5.6 | 114.57 |
| 5114 | 13.0-13.0-13.0 | 14.0 | 15.0 | 15.4 | 112.92 |
| 5115 | 13.0-13.0-13.0 | 11.8 | 12.2 | 11.1* | 90.92* |
| 5116 | 13.0-13.0-13.0 | 13.5 | 13.9 | 13.9 | 105.69 |
| 5117 | 13.0-13.0-13.0 | 13.4 | 14.4 | 13.9 | 106.92 |
| 5118 | 13.0-13.0-13.0 | 11.8 | 12.0 | 11.3* | 90.62* |
| 5119 | 13.0-13.0-13.0 | 12.4 | 13.0 | 13.1 | 98.31 |
| 5120 | 13.0-13.0-13.0 | 12.5 | 13.2 | 13.3 | 99.54 |
| 4092 | 15.0- 0.0- 2.0 | 13.0* | 0.0 | 2.1 | 87.81* |
| 4061 | 16.0-28.0-12.0 | 14.5 | 28.8 | 12.3 | 98.90 |
| 4087 | 19.0- 0.0- 5.0 | 15.9* | 0.0 | 6.9 | 90.00* |
| 4047 | 22.0- 3.0- 4.0 | 22.0 | 4.0 | 4.5 | 104.63 |
| 4084** | 24.0- 0.0-10.0 | 24.6 | 0.0 | 9.8 | 101.72 |
| 4081 | 26.0- 0.0- 3.0 | 23.9* | 0.0 | 3.2 | 92.73* |
| 4045** | 28.0- 0.0- 0.0 | 33.0 | 0.0 | 0.0 | 117.86 |
| 3715 | 46.0- 0.0- 0.0 | 45.7 | 0.0 | 0.0 | 99.35 |
| #TOTALS - NO. SAMPLES | | 25 - SMPLS MISBRANDED | 12 - | | 98.84 |
| HYPONEX CORPORATION | | MARYSVILLE, OH | | | |
| 3203 | 10.0-10.0-10.0 | 9.4 | 9.9 | 12.4 | 102.00 |
| 4000 | 10.0-10.0-10.0 | 7.8* | 8.6* | 12.4 | 90.40* |
| 3795 | 13.0-13.0-13.0 | 13.2 | 13.3 | 13.0 | 101.54 |
| 3796 | 13.0-13.0-13.0 | 13.4 | 13.5 | 13.6 | 103.69 |
| 4183 | 13.0-13.0-13.0 | 12.7 | 12.9 | 13.7 | 99.85 |
| 5110 | 13.0-13.0-13.0 | 12.8 | 12.8 | 14.1 | 100.46 |
| #TOTALS - NO. SAMPLES | | 8 - SMPLS MISBRANDED | 2 - | | 102.92 |
| HY-VEE | | W DES MOINES, IA | | | |
| 5309 | 3.0-10.0- 3.0 | 3.0 | 10.2 | 3.2 | 102.07 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 102.06 |
| INFINITY FERTILIZERS | | MILAN, IL | | | |
| 5174 | 0.0- 0.0- 0.0 | 0.5 | 0.3 | 0.1 | 680.00 |
| 5312** | 8.0-14.0- 9.0 | 8.5 | 14.9 | 9.8 | 106.79 |
| 3791** | 18.0-24.0- 6.0 | 16.8 | 23.5 | 5.9 | 96.11* |
| 3984 | 18.0-24.0- 6.0 | 17.5 | 24.1 | 6.2 | 99.33 |
| 4724 | 18.0-24.0- 6.0 | 18.6 | 23.1 | 6.9 | 100.33 |
| 5323** | 20.0-20.0-20.0 | 19.3 | 19.9 | 20.5 | 98.90 |
| 2717 | 30.0- 0.0- 3.0 | 30.4 | 0.0 | 4.0 | 102.86 |
| 3271 | 30.0- 0.0- 3.0 | 29.2 | 0.0 | 3.6 | 98.41 |
| #TOTALS - NO. SAMPLES | | 8 - SMPLS MISBRANDED | 1 - | | 100.17 |
| JEFFCO FEED & FERTILIZER | | DESOTO, MO | | | |
| 4744 | 12.0-12.0-12.0 | 17.1 | 11.2 | 10.0* | 111.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 1 - | | 111.00 |
| JRP INTERNATIONAL | | FOND DU LAC, WI | | | |
| 4233 | 16.0- 8.0- 8.0 | 17.1 | 7.6 | 8.7 | 103.75 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 103.75 |
| JUNGLE GROWTH, LLC | | STATHAM, GA | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 113.44 |
| KNOX FERTILIZER COMPANY, INC | | KNOX, IN | | | |
| 3059 | 10.0-10.0-10.0 | 12.1 | 10.8 | 10.8 | 113.20 |
| 3998 | 10.0-10.0-10.0 | 9.7 | 9.6 | 9.3 | 95.80* |
| 4747 | 10.0-10.0-10.0 | 10.1 | 10.7 | 10.1 | 103.40 |
| 4357 | 13.0-13.0-13.0 | 12.4 | 13.3 | 13.1 | 99.23 |
| 4729 | 13.0-13.0-13.0 | 12.6 | 13.6 | 13.9 | 102.00 |
| 5109 | 13.0-13.0-13.0 | 12.6 | 12.0 | 13.0 | 95.69* |
| 3064 | 30.0- 0.0- 3.0 | 30.4 | 0.0 | 3.2 | 101.59 |
| 3065 | 30.0- 0.0- 3.0 | 29.3 | 0.0 | 3.5 | 98.57 |
| #TOTALS - NO. SAMPLES | | 8 - SMPLS MISBRANDED | 2 - | | 100.91 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|------------------------------|----------------|-----------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| LEBANON SEABOARD CORPORATION | | LEBANON, PA | | | |
| 4814 | 16.0- 0.0- 5.0 | 15.8 | 0.0 | 4.6 | 97.84 |
| 5179 | 16.0- 0.0- 5.0 | 16.0 | 0.0 | 4.7 | 99.19 |
| 4623** | 25.0- 0.0- 5.0 | 25.8 | 0.0 | 4.8 | 102.55 |
| 4813** | 25.0- 0.0- 8.0 | 24.3 | 0.0 | 7.2 | 96.21* |
| 5178** | 25.0- 0.0- 8.0 | 24.7 | 0.0 | 11.8 | 105.52 |
| 3455** | 26.0- 0.0- 4.0 | 27.2 | 0.0 | 4.7 | 105.54 |
| 4077 | 28.0- 0.0- 3.0 | 32.2 | 0.0 | 3.4 | 114.92 |
| 4079 | 28.0- 0.0- 3.0 | 28.6 | 0.0 | 3.7 | 103.22 |
| 2907 | 29.0- 0.0- 3.0 | 27.3 | 0.0 | 4.0 | 96.07* |
| 2906** | 30.0- 0.0- 3.0 | 20.5* | 0.0 | 4.0 | 71.43* |
| 3268** | 30.0- 0.0- 3.0 | 25.4* | 0.0 | 2.1* | 83.97* |
| 3270 | 30.0- 0.0- 3.0 | 32.0 | 0.0 | 3.7 | 107.46 |
| 3450** | 30.0- 0.0- 3.0 | 31.6 | 0.0 | 3.0 | 105.08 |
| 3874** | 30.0- 0.0- 3.0 | 29.9 | 0.0 | 2.8 | 99.37 |
| #TOTALS - NO. SAMPLES | | 20 - SMPLS MISBRANDED | 8 - | | 97.76 |
| LESCO, INC | | CLEVELAND, OH | | | |
| 3881** | 18.0- 0.0- 9.0 | 16.0* | 0.0 | 8.2 | 89.33* |
| 4089 | 18.0- 0.0- 9.0 | 15.0* | 0.0 | 12.8 | 95.11* |
| 4090** | 18.0- 0.0- 9.0 | 16.4 | 0.0 | 11.0 | 97.33 |
| 4419 | 18.0-24.0-12.0 | 19.0 | 24.8 | 11.6 | 103.33 |
| 3280 | 19.0- 0.0- 7.0 | 18.1 | 0.0 | 7.0 | 96.00* |
| 4085** | 24.0- 0.0-11.0 | 25.8 | 0.0 | 10.8 | 105.76 |
| #TOTALS - NO. SAMPLES | | 7 - SMPLS MISBRANDED | 4 - | | 97.68 |
| LILLY MILLER BRANDS | | SALEM, VA | | | |
| 5258** | 4.0-10.0-10.0 | 3.8 | 10.3 | 12.1 | 106.05 |
| 5308 | 5.0- 1.0- 1.0 | 5.1 | 2.3 | 1.7 | 126.92 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS MISBRANDED | 0 - | | 111.37 |
| LOVELAND PRODUCTS INC-CORP | | GREELEY, CO | | | |
| 5240 | 6.0-24.0-24.0 | 6.2 | 23.1 | 23.5 | 97.74 |
| 5237 | 13.0-13.0-13.0 | 13.1 | 13.6 | 11.9 | 100.46 |
| 5262 | 19.0- 0.0- 6.0 | 20.1 | 0.0 | 6.1 | 105.23 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS MISBRANDED | 0 - | | 100.36 |
| MAC PREMIUM PRODUCTS | | OMAHA, NE | | | |
| 4620 | 10.0-24.0-18.0 | 9.0 | 22.7 | 18.2 | 94.88* |
| 4624 | 24.0- 0.0- 4.0 | 25.5 | 0.0 | 5.4 | 108.46 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS MISBRANDED | 1 - | | 100.00 |
| MADISON COUNTY FARM SUPPLY | | FREDERICKTOWN, MO | | | |
| 4746 | 6.0-24.0-24.0 | 9.0 | 23.2 | 25.0 | 106.43 |
| 3798 | 12.0-12.0-12.0 | 9.4* | 11.6 | 12.3 | 90.50* |
| 3786 | 20.0-10.0-10.0 | 19.4 | 10.5 | 10.2 | 100.00 |
| 3851 | 28.0- 9.0- 9.0 | 28.5 | 9.0 | 9.1 | 101.33 |
| #TOTALS - NO. SAMPLES | | 4 - SMPLS MISBRANDED | 1 - | | 100.26 |
| EARL MAY SEED & NURSERY LC | | SHENANDOAH, IA | | | |
| 3553 | 3.0-10.0- 3.0 | 3.1 | 10.1 | 3.2 | 102.07 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 102.07 |
| ROD MCLELLAN | | MARYSVILLE, OH | | | |
| 5361 | 4.0- 2.0- 3.0 | 4.6 | 1.5* | 3.7 | 106.00 |
| 4157 | 8.0- 0.0- 0.0 | 8.1 | 0.0 | 0.0 | 101.25 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS MISBRANDED | 1 - | | 103.54 |
| MEARS FERTILIZER, INC | | EL DORADO, KS | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 102.14 |
| MFA PLANT FOODS | | COLUMBIA, MO | | | |
| 2234 | 6.0-24.0-24.0 | 9.4 | 23.4 | 23.3 | 105.83 |
| 3000** | 6.0-24.0-24.0 | 9.7 | 24.5 | 24.6 | 110.71 |
| 3595 | 6.0-24.0-24.0 | 9.6 | 24.6 | 26.2 | 112.62 |
| 3807** | 6.0-24.0-24.0 | 9.8 | 24.6 | 23.1 | 109.40 |
| 4003 | 6.0-24.0-24.0 | 8.8 | 22.7 | 22.8 | 102.14 |
| 4198 | 6.0-24.0-24.0 | 9.7 | 24.6 | 24.2 | 110.48 |
| 4200** | 6.0-24.0-24.0 | 9.9 | 25.3 | 22.8 | 110.95 |
| 4201** | 6.0-24.0-24.0 | 9.2 | 23.4 | 25.2 | 107.62 |
| 4374** | 6.0-24.0-24.0 | 9.8 | 24.5 | 24.6 | 110.95 |

BAGGED FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|-----------------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA PLANT FOODS | | | | | |
| COLUMBIA, MO | | | | | |
| 4749 | 6.0-24.0-24.0 | 9.3 | 24.2 | 24.9 | 109.40 |
| 4755** | 6.0-24.0-24.0 | 9.5 | 24.3 | 24.3 | 109.40 |
| 4756** | 6.0-24.0-24.0 | 9.4 | 24.0 | 24.2 | 108.33 |
| 2230 | 13.0-13.0-13.0 | 10.0* | 11.7 | 12.2 | 85.54* |
| 2231 | 13.0-13.0-13.0 | 13.7 | 11.5* | 13.0 | 97.54 |
| 2990** | 13.0-13.0-13.0 | 10.3* | 12.6 | 11.8 | 88.62* |
| 2991 | 13.0-13.0-13.0 | 8.9* | 10.9* | 11.4* | 78.46* |
| 3189 | 13.0-13.0-13.0 | 16.8 | 13.6 | 13.6 | 114.46 |
| 3190 | 13.0-13.0-13.0 | 12.9 | 13.4 | 13.3 | 101.38 |
| 3388 | 13.0-13.0-13.0 | 11.8 | 12.4 | 12.5 | 93.69* |
| 3586 | 13.0-13.0-13.0 | 9.8* | 12.3 | 14.4 | 90.15* |
| 3792** | 13.0-13.0-13.0 | 12.2 | 13.6 | 13.9 | 100.77 |
| 3793** | 13.0-13.0-13.0 | 16.2 | 14.4 | 14.6 | 116.62 |
| 3989 | 13.0-13.0-13.0 | 15.6 | 12.9 | 11.3* | 105.08 |
| 3992 | 13.0-13.0-13.0 | 13.7 | 14.1 | 11.2* | 102.77 |
| 4184 | 13.0-13.0-13.0 | 11.0* | 11.9 | 13.9 | 91.85* |
| 4185 | 13.0-13.0-13.0 | 12.5 | 15.2 | 13.7 | 106.31 |
| 4188** | 13.0-13.0-13.0 | 13.3 | 13.8 | 12.6 | 102.77 |
| 4189** | 13.0-13.0-13.0 | 13.3 | 14.4 | 14.6 | 107.69 |
| 4353** | 13.0-13.0-13.0 | 11.6* | 12.7 | 14.3 | 96.77* |
| 4354** | 13.0-13.0-13.0 | 14.6 | 14.6 | 14.2 | 111.69 |
| 4355** | 13.0-13.0-13.0 | 13.4 | 12.2 | 14.5 | 101.08 |
| 4356** | 13.0-13.0-13.0 | 12.0 | 12.9 | 13.8 | 97.85 |
| 4362 | 13.0-13.0-13.0 | 11.4* | 12.4 | 11.2* | 90.46* |
| 4579** | 13.0-13.0-13.0 | 16.2 | 15.5 | 15.4 | 121.23 |
| 4580** | 13.0-13.0-13.0 | 13.8 | 13.8 | 13.7 | 106.00 |
| 4582 | 13.0-13.0-13.0 | 11.5* | 12.6 | 13.6 | 95.08* |
| 4727** | 13.0-13.0-13.0 | 12.4 | 12.0 | 12.9 | 94.92* |
| 5108** | 13.0-13.0-13.0 | 11.2* | 12.4 | 14.4 | 94.77* |
| 3387** | 18.0-18.0-18.0 | 16.9 | 18.0 | 18.4 | 98.00 |
| 2674 | 20.0-10.0-10.0 | 24.1 | 9.2 | 9.8 | 109.14 |
| 3254 | 20.0-10.0-10.0 | 20.3 | 9.9 | 10.6 | 101.43 |
| 3386 | 20.0-10.0-10.0 | 20.1 | 10.7 | 10.4 | 102.86 |
| 3788 | 20.0-10.0-10.0 | 21.7 | 10.8 | 10.8 | 108.29 |
| 3789 | 20.0-10.0-10.0 | 27.0 | 0.3* | 8.1* | 89.57* |
| 4179 | 20.0-10.0-10.0 | 18.4 | 9.2 | 10.2 | 93.43* |
| 4182 | 20.0-10.0-10.0 | 18.5 | 9.8 | 9.6 | 94.57* |
| 4352 | 20.0-10.0-10.0 | 18.1 | 9.9 | 9.7 | 93.86* |
| 4578 | 20.0-10.0-10.0 | 18.2 | 10.0 | 9.4 | 94.00* |
| 4721 | 20.0-10.0-10.0 | 18.8 | 9.6 | 9.6 | 94.86* |
| 4722 | 20.0-10.0-10.0 | 21.7 | 10.2 | 11.0 | 106.86 |
| 5107 | 20.0-10.0-10.0 | 19.5 | 10.3 | 9.5 | 98.71 |
| 2194 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3164 | 46.0- 0.0- 0.0 | 44.3 | 0.0 | 0.0 | 96.30* |
| 3168 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3557 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3558 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3559 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3937 | 46.0- 0.0- 0.0 | 45.5 | 0.0 | 0.0 | 98.91 |
| 3953 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 4311 | 46.0- 0.0- 0.0 | 46.0 | 0.0 | 0.0 | 100.00 |
| 4562 | 46.0- 0.0- 0.0 | 46.1 | 0.0 | 0.0 | 100.22 |
| 4706 | 46.0- 0.0- 0.0 | 45.6 | 0.0 | 0.0 | 99.13 |
| 4707 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | 75 - SMPLS MISBRANDED | 24 | - | 101.48 | |
| MILWAUKEE METROPOLITAN SEWERAGE DIS MILWAUKEE, WI | | | | | |
| 2904 | 5.0- 2.0- 0.0 | 6.0 | 4.4 | 0.0 | 148.57 |
| 3260** | 5.0- 2.0- 0.0 | 6.1 | 3.9 | 0.0 | 142.86 |
| 3447** | 5.0- 2.0- 0.0 | 6.7 | 4.0 | 0.0 | 152.86 |
| 3448** | 5.0- 2.0- 0.0 | 6.3 | 3.8 | 0.0 | 144.29 |
| 3868 | 5.0- 2.0- 0.0 | 5.8 | 4.4 | 0.0 | 145.71 |
| 3869** | 5.0- 2.0- 0.0 | 6.2 | 4.2 | 0.0 | 148.57 |
| 3870** | 5.0- 2.0- 0.0 | 6.1 | 3.6 | 0.0 | 138.57 |
| 4240** | 5.0- 2.0- 0.0 | 6.1 | 3.7 | 0.0 | 140.00 |
| 4433 | 5.0- 2.0- 0.0 | 5.7 | 4.2 | 0.0 | 141.43 |
| 4434 | 5.0- 2.0- 0.0 | 5.9 | 4.4 | 0.0 | 147.14 |
| 4435 | 5.0- 2.0- 0.0 | 5.8 | 4.2 | 0.0 | 142.86 |
| 4436 | 5.0- 2.0- 0.0 | 6.3 | 4.0 | 0.0 | 147.14 |
| 4437** | 5.0- 2.0- 0.0 | 5.6 | 4.2 | 0.0 | 140.00 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|-----------------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MILWAUKEE METROPOLITAN SEWERAGE DIS MILWAUKEE, WI | | | | | |
| 4438** | 5.0- 2.0- 0.0 | 5.8 | 2.9 | 0.0 | 124.29 |
| 5173** | 5.0- 2.0- 0.0 | 5.9 | 4.0 | 0.0 | 141.43 |
| 5259** | 5.0- 2.0- 0.0 | 6.1 | 4.4 | 0.0 | 150.00 |
| #TOTALS - NO. SAMPLES | 19 - SMPLS MISBRANDED | 0 | - | 143.68 | |
| MIRACLE-GRO LAWN PRODUCTS INC MARYSVILLE, OH | | | | | |
| 3699 | 2.0- 7.0- 7.0 | 2.4 | 7.4 | 7.5 | 108.40 |
| 4290 | 2.0- 7.0- 7.0 | 2.8 | 7.5 | 7.5 | 112.40 |
| 4291 | 2.0- 7.0- 7.0 | 2.7 | 7.4 | 7.6 | 111.20 |
| 5222 | 2.0- 7.0- 7.0 | 2.6 | 7.2 | 7.5 | 108.40 |
| 3865 | 6.0-12.0- 6.0 | 6.0 | 15.0 | 7.0 | 116.67 |
| 3866 | 6.0-12.0- 6.0 | 5.6 | 12.7 | 7.1 | 104.05 |
| 3867 | 6.0-12.0- 6.0 | 6.2 | 12.8 | 6.7 | 106.43 |
| 4239 | 6.0-12.0- 6.0 | 6.8 | 13.0 | 6.4 | 109.52 |
| 4430 | 6.0-12.0- 6.0 | 6.4 | 12.8 | 6.6 | 107.14 |
| 4431 | 6.0-12.0- 6.0 | 6.1 | 13.6 | 6.4 | 109.05 |
| 4432 | 6.0-12.0- 6.0 | 6.0 | 12.5 | 6.3 | 103.10 |
| 3700 | 7.0- 7.0- 7.0 | 7.7 | 7.4 | 7.5 | 107.71 |
| 3701 | 7.0- 7.0- 7.0 | 7.6 | 7.4 | 7.7 | 107.71 |
| 4294 | 7.0- 7.0- 7.0 | 7.8 | 7.5 | 7.5 | 108.86 |
| 4295 | 7.0- 7.0- 7.0 | 7.9 | 7.4 | 7.6 | 109.14 |
| 4296 | 7.0- 7.0- 7.0 | 7.6 | 7.7 | 7.5 | 108.86 |
| 3702 | 8.0- 7.0- 6.0 | 8.0 | 7.8 | 6.8 | 106.67 |
| 3703 | 8.0- 7.0- 6.0 | 7.9 | 7.8 | 6.9 | 106.39 |
| 3704 | 8.0- 7.0- 6.0 | 8.2 | 7.7 | 6.4 | 106.11 |
| 4155 | 8.0- 7.0- 6.0 | 8.2 | 7.7 | 6.3 | 105.83 |
| 4297 | 8.0- 7.0- 6.0 | 8.1 | 7.7 | 6.3 | 105.28 |
| 4298 | 8.0- 7.0- 6.0 | 8.5 | 7.7 | 6.3 | 107.50 |
| 4299 | 8.0- 7.0- 6.0 | 8.5 | 7.8 | 6.3 | 108.06 |
| 5351** | 10.0-10.0-10.0 | 11.7 | 12.4 | 10.7 | 117.80 |
| 3705 | 12.0- 4.0- 8.0 | 12.5 | 4.2 | 7.8 | 103.00 |
| 3706 | 12.0- 4.0- 8.0 | 12.5 | 4.2 | 8.1 | 103.75 |
| 4869** | 12.0- 9.0- 6.0 | 12.5 | 9.2 | 6.3 | 103.54 |
| 4423** | 15.0- 5.0-10.0 | 15.9 | 5.7 | 10.4 | 107.20 |
| 5012** | 15.0- 5.0-10.0 | 16.1 | 5.3 | 10.3 | 106.20 |
| 3780 | 15.0-30.0-15.0 | 15.3 | 30.8 | 16.0 | 103.05 |
| 3781 | 15.0-30.0-15.0 | 16.2 | 30.3 | 15.8 | 103.62 |
| 3772 | 18.0-18.0-21.0 | 19.6 | 18.4 | 21.4 | 104.73 |
| 3773 | 18.0-18.0-21.0 | 18.4 | 19.2 | 22.6 | 105.16 |
| 4344 | 18.0-18.0-21.0 | 17.6 | 19.6 | 23.2 | 104.95 |
| 4345 | 18.0-18.0-21.0 | 18.7 | 17.8 | 21.6 | 101.72 |
| 3774 | 18.0-24.0-16.0 | 21.0 | 23.5 | 15.6 | 104.60 |
| 3775 | 18.0-24.0-16.0 | 19.6 | 24.7 | 16.6 | 105.20 |
| 4347 | 18.0-24.0-16.0 | 22.2 | 23.8 | 15.9 | 107.90 |
| 3766 | 24.0- 8.0-16.0 | 25.8 | 8.1 | 15.0 | 103.50 |
| 3767 | 24.0- 8.0-16.0 | 23.6 | 9.2 | 17.8 | 104.25 |
| 4173 | 24.0- 8.0-16.0 | 25.2 | 8.8 | 16.4 | 105.50 |
| 4338 | 24.0- 8.0-16.0 | 26.4 | 8.0 | 15.2 | 105.00 |
| 4339 | 24.0- 8.0-16.0 | 24.2 | 8.7 | 17.0 | 103.50 |
| 3749 | 30.0-10.0-10.0 | 29.2 | 11.5 | 12.1 | 103.89 |
| 4335 | 30.0-10.0-10.0 | 31.2 | 10.6 | 11.0 | 105.11 |
| 4336 | 30.0-10.0-10.0 | 32.2 | 10.0 | 10.2 | 105.11 |
| #TOTALS - NO. SAMPLES | 48 - SMPLS MISBRANDED | 0 | - | 105.85 | |
| MK MINERALS INC WAMEGO, KS | | | | | |
| 5219** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| 5220** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES | 2 - SMPLS MISBRANDED | 0 | - | 100.00 | |
| MONTY'S PLANT FOOD CO, INC LOUISVILLE, KY | | | | | |
| #TOTALS - NO. SAMPLES | 1 - SMPLS MISBRANDED | 0 | - | 117.14 | |
| OAKLEY FERTILIZER, INC BEEBE, AR | | | | | |
| 4750 | 6.0-24.0-24.0 | 5.8 | 22.3 | 27.0 | 99.05 |
| 4751 | 6.0-24.0-24.0 | 5.8 | 21.8* | 27.7 | 98.69 |
| 2999 | 8.0-24.0-24.0 | 7.5 | 22.8 | 25.6 | 97.95 |
| 3593 | 8.0-24.0-24.0 | 6.6* | 22.6 | 27.4 | 97.50 |
| 5137 | 8.0-24.0-24.0 | 7.8 | 25.0 | 23.5 | 101.25 |
| 4360 | 13.0-13.0-13.0 | 15.7 | 12.7 | 12.0 | 105.85 |
| 4361 | 13.0-13.0-13.0 | 15.3 | 11.9 | 11.2* | 100.92 |

BAGGED FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------------------|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| OAKLEY FERTILIZER, INC | | BEEBE, AR | | | |
| 4731 | 13.0-13.0-13.0 | 13.9 | 12.9 | 12.9 | 102.31 |
| 4733 | 13.0-13.0-13.0 | 15.1 | 13.6 | 12.8 | 108.00 |
| 4930 | 13.0-13.0-13.0 | 12.9 | 12.2 | 13.9 | 98.62 |
| 4931 | 13.0-13.0-13.0 | 11.8 | 8.7* | 17.1 | 89.38* |
| 5112 | 13.0-13.0-13.0 | 16.1 | 17.6 | 12.6 | 123.08 |
| 5238 | 13.0-13.0-13.0 | 12.8 | 12.6 | 12.9 | 98.00 |
| #TOTALS - NO. SAMPLES | | 14 - SMPLS | MISBRANDED | 5 - | 100.45 |
| OLDCASTLE LAWN & GARDEN | | ATLANTA, GA | | | |
| 5299 | 0.05-0.05-0.05 | 0.6 | 0.8 | 0.9 | 480.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 480.00 |
| PMI NUTRITION INTERNATIONAL LLC | | BRENTWOOD, MO | | | |
| 5014 | 3.0- 1.0- 5.0 | 3.0 | 1.2 | 6.2 | 112.31 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 120.00 |
| R & M FEED - PARTS CENTER | | POTOSI, MO | | | |
| 3806 | 6.0-24.0-24.0 | 10.8 | 26.2 | 26.2 | 119.29 |
| 3588 | 12.0-12.0-12.0 | 13.4 | 11.9 | 13.5 | 106.83 |
| 3797 | 12.0-12.0-12.0 | 10.8 | 12.6 | 11.6 | 97.33 |
| 3191 | 13.0-13.0-13.0 | 10.8* | 11.0* | 12.3 | 86.00* |
| 5122 | 13.0-13.0-13.0 | 13.6 | 13.2 | 14.6 | 104.92 |
| 3790 | 19.0-19.0-19.0 | 17.9 | 21.2 | 20.2 | 103.58 |
| 3787 | 20.0-10.0-10.0 | 19.6 | 10.0 | 10.5 | 99.57 |
| #TOTALS - NO. SAMPLES | | 8 - SMPLS | MISBRANDED | 1 - | 103.55 |
| REGAL CHEMICAL CO. | | ALPHARETTA, GA | | | |
| 5347** | 12.0-12.0- 9.0 | 13.0 | 12.4 | 8.6 | 104.21 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 104.21 |
| RITEPACK, INC. | | ST JOSEPH, MO | | | |
| 3653 | 5.0-10.0- 5.0 | 8.7 | 8.9* | 5.2 | 115.43 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 115.43 |
| R-W-H FARMS INC dba R-W MILLING CO | | WAMEGO, KS | | | |
| 3449 | 4.0- 1.0- 5.0 | 4.5 | 1.5 | 5.4 | 116.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 116.00 |
| SCOTTS MIRACLE-GRO PRODUCTS INC | | MARYSVILLE, OH | | | |
| 5356** | 6.0-12.0- 6.0 | 7.0 | 14.8 | 5.8 | 117.62 |
| 5357** | 6.0-12.0- 6.0 | 5.5 | 13.8 | 7.0 | 108.57 |
| 4156** | 8.0- 7.0- 6.0 | 8.6 | 7.6 | 6.3 | 107.50 |
| 5310** | 8.0- 7.0- 6.0 | 8.5 | 7.1 | 6.1 | 103.61 |
| 5311** | 8.0- 7.0- 6.0 | 7.9 | 7.8 | 6.9 | 106.39 |
| 5352** | 10.0-12.0-10.0 | 11.4 | 13.3 | 11.8 | 113.33 |
| 5349** | 11.0- 7.0- 7.0 | 13.2 | 8.6 | 8.7 | 121.63 |
| 5313** | 12.0- 4.0- 8.0 | 12.3 | 4.1 | 8.1 | 102.25 |
| 5329** | 15.0-30.0-15.0 | 16.2 | 30.4 | 15.3 | 103.33 |
| 4346** | 18.0-18.0-21.0 | 18.6 | 18.9 | 22.1 | 104.41 |
| 4720** | 18.0-18.0-21.0 | 17.4 | 17.7 | 25.0 | 102.37 |
| 5324** | 18.0-18.0-21.0 | 20.0 | 17.5 | 21.1 | 103.33 |
| 5325** | 18.0-18.0-21.0 | 20.0 | 17.4 | 20.6 | 102.58 |
| 5326** | 18.0-18.0-21.0 | 18.0 | 17.3 | 24.4 | 102.15 |
| 5327** | 18.0-18.0-21.0 | 18.9 | 18.5 | 22.2 | 104.30 |
| 5328** | 18.0-24.0-16.0 | 18.8 | 24.9 | 16.7 | 104.10 |
| 5319** | 24.0- 8.0- 6.0 | 23.8 | 8.6 | 16.6 | 116.29 |
| 5320** | 24.0- 8.0- 6.0 | 24.4 | 8.6 | 16.5 | 117.86 |
| 4174** | 24.0- 8.0-16.0 | 24.0 | 8.9 | 17.6 | 104.25 |
| 4718** | 24.0- 8.0-16.0 | 25.3 | 8.5 | 16.5 | 105.13 |
| 4923 | 24.0- 8.0-16.0 | 24.8 | 8.1 | 15.8 | 102.00 |
| 5321** | 24.0- 8.0-16.0 | 26.2 | 7.6 | 14.8 | 103.00 |
| 5322** | 24.0- 8.0-16.0 | 23.7 | 8.8 | 17.4 | 103.00 |
| 5318** | 30.0-10.0-10.0 | 35.2 | 8.5* | 7.9* | 105.89 |
| #TOTALS - NO. SAMPLES | | 26 - SMPLS | MISBRANDED | 1 - | 106.00 |
| SCOTTS-SIERRA HORTICULTURAL PRODUCT | | MARYSVILLE, OH | | | |
| 5344 | 14.0-14.0-14.0 | 14.3 | 13.4 | 13.5 | 98.43 |
| 3645** | 15.0- 8.0-11.0 | 15.1 | 11.8 | 11.6 | 114.74 |
| 5010 | 19.0- 6.0-12.0 | 20.0 | 6.2 | 12.8 | 105.16 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------------------|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| SCOTTS-SIERRA HORTICULTURAL PRODUCT | | MARYSVILLE, OH | | | |
| 5338 | 19.0- 6.0-12.0 | 19.6 | 6.4 | 13.2 | 105.16 |
| #TOTALS - NO. SAMPLES | | 5 - SMPLS | MISBRANDED | 0 - | 105.59 |
| SECURITY PRODUCTS COMPANY | | PHOENIX, AZ | | | |
| 4154 | 1.0- 7.0- 6.0 | 1.2 | 7.4 | 6.2 | 106.36 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 106.36 |
| SPECTRUM GROUP, DIV OF UNITED IND | | ST LOUIS, MO | | | |
| 3057 | 20.0-27.0- 5.0 | 20.8 | 27.9 | 5.7 | 104.14 |
| 5176 | 28.0- 0.0- 3.0 | 27.5 | 0.0 | 3.7 | 99.49 |
| 5177 | 28.0- 0.0- 3.0 | 29.6 | 0.0 | 3.0 | 105.42 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 0 - | 103.22 |
| STARK BRO'S NURSERIES & ORCHARDS CO | | LOUISIANA, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.74 |
| STRAATMANN FEED & TRANSFER, INC | | LABADIE, MO | | | |
| 5140 | 6.0-24.0-24.0 | 7.0 | 21.5* | 25.2 | 97.86 |
| 4193 | 12.0-12.0-12.0 | 10.5* | 10.1* | 9.8* | 85.00* |
| 4180 | 20.0-10.0-10.0 | 20.4 | 9.6 | 9.9 | 99.86 |
| 5105 | 20.0-10.0-10.0 | 16.8* | 10.0 | 12.4 | 94.29* |
| #TOTALS - NO. SAMPLES | | 9 - SMPLS | MISBRANDED | 5 - | 100.95 |
| SUN BULB CO. INC | | ARCADIA, FL | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.83 |
| SUN GRO HORTICULTURE - PINE BLUFF | | PINE BLUFF, AR | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 104.61 |
| SWISS FARMS PRODUCTS INC | | LAS VEGAS, NV | | | |
| 3444** | 12.0- 5.0- 7.0 | 12.7 | 5.5 | 6.8 | 105.37 |
| 2986** | 15.0-30.0-15.0 | 14.9 | 31.2 | 16.7 | 103.71 |
| 3384** | 15.0-30.0-15.0 | 16.2 | 30.8 | 15.0 | 103.81 |
| 3778 | 15.0-30.0-15.0 | 15.6 | 30.6 | 15.9 | 103.14 |
| 3779 | 15.0-30.0-15.0 | 15.2 | 30.5 | 16.2 | 102.48 |
| 4176 | 15.0-30.0-15.0 | 17.1 | 31.3 | 13.9 | 105.43 |
| 4349 | 15.0-30.0-15.0 | 15.9 | 30.8 | 15.2 | 103.43 |
| 4350 | 15.0-30.0-15.0 | 20.8 | 17.7* | 16.6 | 89.14* |
| 4058 | 20.0-27.0- 5.0 | 19.7 | 23.6* | 6.9 | 94.44* |
| 4059 | 20.0-27.0- 5.0 | 20.4 | 27.1 | 5.4 | 101.41 |
| 4076 | 28.0- 0.0- 3.0 | 28.4 | 0.0 | 3.6 | 102.37 |
| 4248 | 28.0- 0.0- 3.0 | 28.8 | 0.0 | 3.2 | 103.05 |
| 4249 | 28.0- 0.0- 3.0 | 31.3 | 0.0 | 2.8 | 110.85 |
| 4453 | 28.0- 0.0- 3.0 | 26.7 | 0.0 | 3.2 | 95.93* |
| 4072** | 29.0- 0.0- 4.0 | 28.8 | 0.0 | 4.7 | 100.48 |
| 4448 | 29.0- 0.0- 4.0 | 31.9 | 0.0 | 5.0 | 110.97 |
| 3063 | 30.0- 0.0- 4.0 | 29.6 | 0.0 | 4.8 | 100.00 |
| 4244 | 30.0- 0.0- 4.0 | 30.6 | 0.0 | 4.0 | 101.88 |
| 4068** | 35.0- 0.0- 5.0 | 36.5 | 0.0 | 6.2 | 105.60 |
| #TOTALS - NO. SAMPLES | | 22 - SMPLS | MISBRANDED | 3 - | 101.71 |
| T AND N INC | | FORISTELL, MO | | | |
| 3001 | 6.0-24.0-24.0 | 6.0 | 23.7 | 25.6 | 101.19 |
| 3002 | 6.0-24.0-24.0 | 9.6 | 25.0 | 23.4 | 110.24 |
| 3204 | 6.0-24.0-24.0 | 9.8 | 25.0 | 23.2 | 110.48 |
| 4199 | 6.0-24.0-24.0 | 6.1 | 25.0 | 23.6 | 102.14 |
| 4752 | 6.0-24.0-24.0 | 4.8* | 20.0* | 24.3 | 87.98* |
| 4753 | 6.0-24.0-24.0 | 6.0 | 23.8 | 23.6 | 99.05 |
| 4754 | 6.0-24.0-24.0 | 5.9 | 23.7 | 24.2 | 99.29 |
| 5139 | 6.0-24.0-24.0 | 5.9 | 24.1 | 23.4 | 99.29 |
| 5141 | 6.0-24.0-24.0 | 7.4 | 24.7 | 23.8 | 104.76 |
| 4002 | 8.0-24.0-24.0 | 7.8 | 24.2 | 24.2 | 100.23 |
| 3259 | 10.0- 6.0- 4.0 | 10.2 | 7.1 | 4.5 | 108.61 |
| 4001 | 10.0-20.0-10.0 | 9.9 | 20.0 | 10.9 | 101.00 |
| 5134 | 10.0-20.0-10.0 | 9.3 | 19.2 | 9.1 | 94.43* |
| 2465 | 12.0-12.0-12.0 | 10.8 | 10.2* | 9.3* | 85.50* |
| 2807 | 12.0-12.0-12.0 | 11.1 | 11.4 | 11.4 | 94.00* |
| 2998 | 12.0-12.0-12.0 | 10.3* | 10.7* | 10.9 | 88.17* |
| 3194 | 12.0-12.0-12.0 | 11.0 | 11.3 | 11.8 | 94.00* |
| 3195 | 12.0-12.0-12.0 | 13.5 | 13.1 | 13.5 | 111.17 |

BAGGED FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| T AND N INC | | FORISTELL, MO | | | |
| 3389 | 12.0-12.0-12.0 | 11.8 | 11.8 | 11.8 | 98.33 |
| 3391 | 12.0-12.0-12.0 | 11.4 | 11.7 | 12.7 | 98.17 |
| 3392 | 12.0-12.0-12.0 | 10.9 | 11.8 | 11.6 | 95.00* |
| 3592 | 12.0-12.0-12.0 | 11.8 | 11.7 | 13.0 | 100.00 |
| 3995 | 12.0-12.0-12.0 | 12.4 | 12.3 | 12.8 | 103.67 |
| 3996 | 12.0-12.0-12.0 | 11.9 | 12.1 | 12.0 | 100.00 |
| 4190 | 12.0-12.0-12.0 | 11.1 | 11.8 | 11.7 | 95.83* |
| 4191 | 12.0-12.0-12.0 | 11.7 | 11.7 | 12.6 | 99.00 |
| 4192 | 12.0-12.0-12.0 | 12.4 | 12.6 | 13.2 | 105.33 |
| 4583 | 12.0-12.0-12.0 | 11.6 | 11.7 | 11.4 | 96.67* |
| 4743 | 12.0-12.0-12.0 | 11.8 | 12.5 | 12.3 | 101.50 |
| 4745 | 12.0-12.0-12.0 | 10.7* | 10.2* | 10.0* | 86.33* |
| 5123 | 12.0-12.0-12.0 | 10.6* | 10.8 | 12.2 | 91.67* |
| 5124 | 12.0-12.0-12.0 | 11.3 | 11.3 | 11.8 | 95.00* |
| 5239 | 12.0-12.0-12.0 | 12.5 | 12.3 | 12.9 | 104.17 |
| 2992 | 13.0-13.0-13.0 | 13.9 | 14.1 | 14.0 | 107.69 |
| 2993 | 13.0-13.0-13.0 | 10.2* | 9.1* | 10.2* | 75.08* |
| 3188 | 13.0-13.0-13.0 | 13.0 | 12.8 | 13.2 | 99.69 |
| 3192 | 13.0-13.0-13.0 | 12.8 | 12.4 | 13.8 | 98.77 |
| 3794 | 13.0-13.0-13.0 | 13.1 | 12.9 | 13.0 | 100.00 |
| 3987 | 13.0-13.0-13.0 | 12.0 | 12.2 | 12.4 | 93.54* |
| 3988 | 13.0-13.0-13.0 | 12.2 | 12.5 | 12.4 | 95.08* |
| 3993 | 13.0-13.0-13.0 | 12.5 | 13.1 | 13.5 | 99.54 |
| 4186 | 13.0-13.0-13.0 | 12.4 | 12.5 | 12.7 | 96.15* |
| 4187 | 13.0-13.0-13.0 | 13.6 | 13.6 | 14.6 | 106.15 |
| 4358 | 13.0-13.0-13.0 | 13.8 | 13.9 | 16.4 | 110.46 |
| 4363 | 13.0-13.0-13.0 | 12.5 | 11.4* | 13.0 | 93.54* |
| 4728 | 13.0-13.0-13.0 | 12.0 | 12.4 | 13.7 | 96.15* |
| 4730 | 13.0-13.0-13.0 | 11.0* | 10.6* | 11.4* | 84.00* |
| 4732 | 13.0-13.0-13.0 | 12.2 | 12.2 | 11.7 | 93.08* |
| 4935 | 13.0-13.0-13.0 | 13.5 | 12.9 | 12.5 | 100.46 |
| 5113 | 13.0-13.0-13.0 | 11.8 | 12.0 | 12.4 | 92.31* |
| 3986 | 17.0-17.0-17.0 | 16.8 | 16.9 | 16.6 | 98.82 |
| 2527 | 20.0-10.0-10.0 | 21.0 | 10.9 | 10.7 | 106.43 |
| 2987 | 20.0-10.0-10.0 | 20.0 | 10.1 | 10.1 | 100.43 |
| 3983 | 20.0-10.0-10.0 | 19.4 | 9.6 | 10.6 | 98.00 |
| 4178 | 20.0-10.0-10.0 | 19.7 | 10.2 | 10.5 | 100.43 |
| 4181 | 20.0-10.0-10.0 | 20.3 | 9.4 | 10.3 | 99.57 |
| 4723 | 20.0-10.0-10.0 | 20.7 | 10.2 | 10.7 | 103.57 |
| 5103 | 20.0-10.0-10.0 | 20.6 | 10.1 | 9.6 | 101.43 |
| 5104 | 20.0-10.0-10.0 | 19.9 | 10.1 | 10.3 | 100.43 |
| 3251 | 22.0- 3.0- 3.0 | 22.4 | 3.6 | 3.5 | 104.72 |
| 3252 | 22.0- 3.0- 3.0 | 19.2* | 2.6* | 3.3 | 88.49* |
| 3438 | 25.0- 3.0- 3.0 | 24.5 | 3.3 | 3.2 | 99.66 |
| 3051 | 28.0- 5.0-10.0 | 28.3 | 4.9 | 11.2 | 102.11 |
| 3238 | 32.0- 3.0-10.0 | 32.9 | 3.7 | 9.6 | 103.50 |
| 3239 | 32.0- 3.0-10.0 | 32.7 | 3.0 | 10.7 | 102.63 |
| 3435 | 32.0- 3.0-10.0 | 32.5 | 3.9 | 10.9 | 104.63 |
| 5168 | 32.0- 3.0-10.0 | 31.4 | 3.5 | 10.5 | 100.38 |
| 2971 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3714 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 4705 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4717 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES 101 - SMPLS MISBRANDED 38 - | | | | | 98.54 |
| THE ANDERSONS LAWN FERTILIZER DIV | | MAUMEE, OH | | | |
| 4252 | 16.0- 0.0- 9.0 | 17.4 | 0.0 | 10.0 | 109.27 |
| 5019 | 27.0- 0.0- 5.0 | 26.7 | 0.0 | 5.6 | 100.00 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - | | | | | 106.32 |
| THE ESPOMA COMPANY | | MILLVILLE, NJ | | | |
| 5015** | 3.0- 4.0- 6.0 | 3.8 | 4.0 | 6.8 | 112.00 |
| 2530** | 4.0- 3.0- 3.0 | 4.3 | 3.1 | 3.7 | 108.82 |
| 5013** | 4.0- 3.0- 4.0 | 4.3 | 3.5 | 5.0 | 114.44 |
| 3441 | 18.0- 8.0- 6.0 | 17.9 | 8.3 | 6.9 | 102.24 |
| #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - | | | | | 106.90 |
| THE SCOTTS COMPANY | | MARYSVILLE, OH | | | |
| 3356** | 8.0- 7.0- 6.0 | 8.3 | 7.4 | 6.2 | 104.44 |
| 3357** | 8.0- 7.0- 6.0 | 8.6 | 7.4 | 6.6 | 107.22 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------------|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| THE SCOTTS COMPANY | | MARYSVILLE, OH | | | |
| 3863 | 10.0-10.0-10.0 | 10.8 | 11.1 | 12.0 | 111.60 |
| 3864 | 10.0-10.0-10.0 | 11.1 | 11.6 | 11.4 | 113.60 |
| 4238 | 10.0-10.0-10.0 | 11.0 | 11.2 | 11.4 | 111.60 |
| 4426 | 10.0-10.0-10.0 | 11.2 | 10.8 | 11.4 | 110.80 |
| 4427 | 10.0-10.0-10.0 | 10.9 | 10.4 | 12.3 | 109.80 |
| 5350** | 10.0-10.0-10.0 | 11.1 | 10.5 | 12.0 | 110.40 |
| 2903** | 11.0- 2.0- 2.0 | 11.5 | 2.3 | 2.5 | 107.50 |
| 3253** | 11.0- 2.0- 2.0 | 11.4 | 2.3 | 2.1 | 105.36 |
| 3862** | 11.0- 2.0- 2.0 | 11.8 | 2.1 | 2.3 | 107.50 |
| 4237 | 11.0- 2.0- 2.0 | 11.9 | 2.2 | 2.3 | 108.93 |
| 4799 | 11.0- 2.0- 2.0 | 11.5 | 2.4 | 2.4 | 107.86 |
| 3860 | 12.0- 4.0- 8.0 | 13.1 | 5.4 | 9.8 | 117.00 |
| 3861 | 12.0- 4.0- 8.0 | 12.9 | 5.4 | 9.4 | 115.00 |
| 4236 | 12.0- 4.0- 8.0 | 12.5 | 5.4 | 9.6 | 113.50 |
| 5346** | 12.0- 4.0- 8.0 | 12.9 | 5.4 | 10.0 | 116.50 |
| 4175 | 15.0-30.0-15.0 | 17.5 | 30.4 | 14.3 | 104.86 |
| 4086** | 20.0- 0.0- 8.0 | 19.1 | 0.0 | 9.7 | 99.79 |
| 4251 | 20.0- 0.0- 8.0 | 21.1 | 0.0 | 8.3 | 105.21 |
| 4463 | 20.0- 0.0- 8.0 | 20.1 | 0.0 | 8.4 | 101.25 |
| 4464 | 20.0- 0.0- 8.0 | 19.9 | 0.0 | 8.5 | 100.63 |
| 4231 | 20.0-27.0- 5.0 | 20.7 | 28.6 | 5.6 | 105.25 |
| 2715 | 21.0-22.0- 4.0 | 20.8 | 23.1 | 4.5 | 102.56 |
| 3644** | 21.0-22.0- 4.0 | 20.8 | 23.1 | 4.4 | 102.44 |
| 4057 | 21.0-22.0- 4.0 | 21.8 | 22.1 | 3.8 | 101.78 |
| 4414 | 21.0-22.0- 4.0 | 21.8 | 22.1 | 3.8 | 101.78 |
| 4797 | 21.0-22.0- 4.0 | 21.7 | 21.9 | 4.5 | 101.89 |
| 3853** | 21.0-24.0- 4.0 | 22.4 | 21.1* | 3.9 | 96.70* |
| 2902** | 22.0- 2.0- 2.0 | 22.9 | 2.4 | 2.4 | 106.00 |
| 3253** | 22.0- 2.0- 2.0 | 22.8 | 2.5 | 2.3 | 105.80 |
| 3852** | 22.0- 2.0- 2.0 | 22.4 | 2.1 | 2.2 | 102.40 |
| 4056** | 22.0- 2.0- 2.0 | 22.8 | 2.5 | 2.3 | 105.80 |
| 4411 | 22.0- 2.0- 2.0 | 23.5 | 2.2 | 2.2 | 107.20 |
| 4412 | 22.0- 2.0- 2.0 | 23.4 | 2.6 | 2.7 | 109.40 |
| 4413 | 22.0- 2.0- 2.0 | 22.8 | 2.3 | 2.3 | 105.00 |
| 4796 | 22.0- 2.0- 2.0 | 22.7 | 2.3 | 2.4 | 104.80 |
| 5170** | 22.0- 2.0- 2.0 | 22.6 | 2.4 | 2.4 | 104.80 |
| 3660** | 24.0- 0.0-10.0 | 24.9 | 0.0 | 11.2 | 105.17 |
| 4407 | 24.0-24.0- 4.0 | 24.6 | 24.3 | 4.6 | 102.40 |
| 3054 | 24.0-25.0- 4.0 | 24.7 | 25.7 | 4.7 | 103.43 |
| 3640 | 24.0-25.0- 4.0 | 24.8 | 25.8 | 4.0 | 103.14 |
| 4054 | 24.0-25.0- 4.0 | 24.2 | 24.9 | 4.7 | 100.88 |
| 4055 | 24.0-25.0- 4.0 | 24.1 | 25.7 | 4.1 | 101.67 |
| 4408 | 24.0-25.0- 4.0 | 24.8 | 25.2 | 3.9 | 101.86 |
| 4409 | 24.0-25.0- 4.0 | 24.6 | 25.5 | 3.9 | 102.06 |
| 4410 | 24.0-25.0- 4.0 | 24.4 | 25.1 | 4.3 | 101.27 |
| 4619 | 24.0-25.0- 4.0 | 25.3 | 24.7 | 4.0 | 101.96 |
| 4791 | 24.0-25.0- 4.0 | 24.7 | 25.2 | 4.5 | 102.25 |
| 2909** | 26.0- 0.0- 3.0 | 26.7 | 0.0 | 3.6 | 103.64 |
| 4621** | 26.0- 0.0- 3.0 | 26.0 | 0.0 | 3.4 | 100.73 |
| 3066** | 28.0- 0.0- 3.0 | 28.3 | 0.0 | 3.3 | 101.53 |
| 3278** | 28.0- 0.0- 3.0 | 28.2 | 0.0 | 3.6 | 101.69 |
| 4455 | 28.0- 0.0- 3.0 | 29.0 | 0.0 | 3.1 | 103.56 |
| 4456 | 28.0- 0.0- 3.0 | 29.2 | 0.0 | 3.3 | 104.58 |
| 4457 | 28.0- 0.0- 3.0 | 28.7 | 0.0 | 3.5 | 103.22 |
| 4812 | 28.0- 0.0- 3.0 | 28.6 | 0.0 | 3.7 | 103.22 |
| 4461 | 28.0- 0.0- 8.0 | 28.1 | 0.0 | 8.5 | 101.09 |
| 3632** | 28.0- 1.0- 4.0 | 28.7 | 1.2 | 4.5 | 103.71 |
| 4048** | 28.0- 1.0- 4.0 | 28.8 | 1.4 | 5.2 | 105.81 |
| 2719** | 30.0- 0.0- 4.0 | 30.5 | 0.0 | 4.4 | 102.19 |
| 2905** | 30.0- 0.0- 4.0 | 30.7 | 0.0 | 4.5 | 102.97 |
| 3062** | 30.0- 0.0- 4.0 | 31.1 | 0.0 | 4.3 | 103.91 |
| 3264 | 30.0- 0.0- 4.0 | 31.0 | 0.0 | 4.8 | 104.38 |
| 3265** | 30.0- 0.0- 4.0 | 30.6 | 0.0 | 4.5 | 102.66 |
| 3266** | 30.0- 0.0- 4.0 | 30.9 | 0.0 | 4.3 | 103.28 |
| 3267** | 30.0- 0.0- 4.0 | 33.3 | 0.0 | 5.0 | 111.88 |
| 3654** | 30.0- 0.0- 4.0 | 30.8 | 0.0 | 4.5 | 103.28 |
| 3875 | 30.0- 0.0- 4.0 | 30.5 | 0.0 | 4.5 | 102.34 |
| 4069 | 30.0- 0.0- 4.0 | 30.8 | 0.0 | 4.1 | 102.66 |
| 4070** | 30.0- 0.0- 4.0 | 30.8 | 0.0 | 4.4 | 103.13 |
| 4071** | 30.0- 0.0- 4.0 | 30.4 | 0.0 | 4.6 | 102.19 |

BAGGED FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------------|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| THE SCOTTS COMPANY | | MARYSVILLE, OH | | | |
| 4243 | 30.0- 0.0- 4.0 | 31.0 | 0.0 | 4.3 | 103.59 |
| 4445 | 30.0- 0.0- 4.0 | 30.7 | 0.0 | 4.4 | 102.81 |
| 4446 | 30.0- 0.0- 4.0 | 30.4 | 0.0 | 4.6 | 102.19 |
| 2716** | 32.0- 0.0- 4.0 | 32.5 | 0.0 | 4.3 | 101.91 |
| 3061** | 32.0- 0.0- 4.0 | 32.8 | 0.0 | 4.5 | 103.09 |
| 3262** | 32.0- 0.0- 4.0 | 32.2 | 0.0 | 4.1 | 100.74 |
| 3263** | 32.0- 0.0- 4.0 | 32.6 | 0.0 | 4.4 | 102.35 |
| 3871 | 32.0- 0.0- 4.0 | 33.1 | 0.0 | 4.2 | 103.53 |
| 3872** | 32.0- 0.0- 4.0 | 32.8 | 0.0 | 4.4 | 102.94 |
| 4241 | 32.0- 0.0- 4.0 | 32.8 | 0.0 | 4.5 | 103.09 |
| 4440** | 32.0- 0.0- 4.0 | 32.7 | 0.0 | 4.5 | 102.79 |
| 4441 | 32.0- 0.0- 4.0 | 32.5 | 0.0 | 4.3 | 101.91 |
| 4442 | 32.0- 0.0- 4.0 | 32.8 | 0.0 | 4.5 | 103.09 |
| 4443 | 32.0- 0.0- 4.0 | 31.7 | 0.0 | 4.3 | 99.56 |
| 4444 | 32.0- 0.0- 4.0 | 32.1 | 0.0 | 4.4 | 100.88 |
| 4800 | 32.0- 0.0- 4.0 | 32.2 | 0.0 | 4.4 | 101.18 |
| 4801 | 32.0- 0.0- 4.0 | 32.2 | 0.0 | 4.4 | 101.18 |
| 4802 | 32.0- 0.0- 4.0 | 32.3 | 0.0 | 4.6 | 101.76 |
| 4803** | 32.0- 0.0- 4.0 | 32.4 | 0.0 | 4.7 | 102.21 |
| 5016** | 32.0- 0.0- 4.0 | 32.9 | 0.0 | 4.4 | 103.24 |
| 5260** | 32.0- 0.0- 4.0 | 32.2 | 0.0 | 4.4 | 101.18 |
| 3060** | 32.0- 0.0-10.0 | 32.2 | 0.0 | 11.1 | 102.03 |
| 4242 | 32.0- 0.0-10.0 | 32.9 | 0.0 | 10.2 | 102.70 |
| 3237** | 32.0- 2.0- 8.0 | 32.6 | 3.1 | 7.7 | 104.08 |
| 3436** | 32.0- 2.0- 8.0 | 32.3 | 2.3 | 8.7 | 102.50 |
| 3261** | 36.0- 0.0- 4.0 | 36.5 | 0.0 | 4.1 | 101.45 |
| #TOTALS - NO. SAMPLES | | 120 | - SMPLS MISBRANDED | 1 | - 103.62 |

| UNLIMITED RENEWABLES | | LAKE MILLS, WI | | | |
|-----------------------|---------------|----------------|-------------------------------|--------|----------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| 4065** | 5.0- 3.0- 2.0 | 4.8 | 3.2 | 2.4 | 102.22 |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 102.22 |

| VOLUNTARY PURCHASING GROUPS | | BONHAM, TX | | | |
|-----------------------------|----------------|------------|-------------------------------|--------|----------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| 5337 | 0.0-18.0- 0.0 | 0.0 | 22.0 | 0.0 | 122.22 |
| 4943 | 4.0-10.0- 6.0 | 2.9* | 6.3* | 4.2* | 66.47* |
| 5355 | 6.0- 7.0- 0.0 | 8.2 | 4.4* | 0.0 | 96.92* |
| 3465 | 8.0- 0.0- 4.0 | 8.9 | 0.0 | 5.0 | 114.00 |
| 5331 | 8.0-10.0- 8.0 | 8.1 | 9.2 | 7.6 | 95.91* |
| 3394 | 9.0-13.0- 7.0 | 10.2 | 14.0 | 6.9 | 108.43 |
| 3395** | 9.0-13.0- 7.0 | 10.0 | 14.2 | 6.8 | 108.24 |
| 4939 | 9.0-13.0- 7.0 | 9.3 | 13.6 | 7.5 | 104.51 |
| 4954 | 9.0-59.0- 8.0 | 9.3 | 58.9 | 7.9 | 100.21 |
| 5332 | 9.0-59.0- 8.0 | 9.2 | 59.3 | 7.6 | 100.42 |
| 3459** | 16.0- 0.0- 8.0 | 16.6 | 0.0 | 8.8 | 105.00 |
| 4091** | 16.0- 0.0- 8.0 | 16.7 | 0.0 | 8.7 | 105.25 |
| 5022 | 16.0- 0.0- 8.0 | 16.3 | 0.0 | 9.0 | 104.00 |
| 4088** | 18.0- 0.0- 6.0 | 18.9 | 0.0 | 6.1 | 104.52 |
| 5339** | 18.0- 6.0-12.0 | 21.4 | 2.8* | 14.3 | 104.50 |
| 3661 | 20.0- 0.0- 3.0 | 20.5 | 0.0 | 3.1 | 102.56 |
| 4904 | 31.0-11.0-11.0 | 32.0 | 8.2* | 12.3 | 97.58 |
| #TOTALS - NO. SAMPLES | | 21 | - SMPLS MISBRANDED | 5 | - 101.50 |

| WINFIELD SOLUTIONS, LLC | | ST. PAUL, MN | | | |
|-------------------------|----------------|--------------|-------------------------------|--------|--------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| 2805 | 12.0-12.0-12.0 | 12.1 | 11.1 | 12.0 | 97.33 |
| 2997 | 12.0-12.0-12.0 | 12.3 | 12.1 | 11.5 | 100.50 |
| 3193** | 12.0-12.0-12.0 | 11.7 | 11.5 | 11.1 | 95.83* |
| 3393** | 12.0-12.0-12.0 | 12.8 | 12.9 | 12.2 | 106.00 |
| 3994** | 12.0-12.0-12.0 | 11.2 | 10.9 | 11.3 | 92.50* |
| 4365 | 12.0-12.0-12.0 | 11.4 | 10.9 | 11.4 | 93.33* |
| 4742 | 12.0-12.0-12.0 | 11.9 | 12.4 | 12.7 | 102.17 |
| 4934 | 13.0-13.0-13.0 | 12.3 | 12.1 | 12.3 | 94.00* |
| 2804 | 16.0- 6.0-16.0 | 16.0 | 6.2 | 15.6 | 100.00 |
| 2989 | 16.0- 6.0-16.0 | 15.1 | 6.0 | 14.5 | 94.50* |
| 4726 | 16.0- 6.0-16.0 | 13.8* | 5.6 | 13.9* | 87.83* |
| 2803 | 18.0-24.0- 6.0 | 19.3 | 25.5 | 5.9 | 106.11 |
| 2988 | 18.0-24.0- 6.0 | 18.1 | 24.4 | 6.0 | 101.11 |
| 3442 | 18.0-24.0- 6.0 | 18.4 | 24.5 | 5.8 | 101.78 |
| 3985 | 18.0-24.0- 6.0 | 17.8 | 25.0 | 5.9 | 101.67 |
| 4418 | 18.0-24.0- 6.0 | 18.1 | 24.3 | 6.0 | 100.89 |
| 4725 | 18.0-24.0- 6.0 | 19.7 | 25.7 | 5.5 | 107.00 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------|----------------|--------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| WINFIELD SOLUTIONS, LLC | | ST. PAUL, MN | | | |
| 3068** | 23.0- 0.0- 7.0 | 23.7 | 0.0 | 7.6 | 103.77 |
| 3456 | 23.0- 0.0- 7.0 | 21.5 | 0.0 | 8.0 | 96.23* |
| 4462 | 23.0- 0.0- 7.0 | 23.9 | 0.0 | 8.0 | 105.28 |
| 3067** | 24.0- 0.0- 4.0 | 24.2 | 0.0 | 4.0 | 100.77 |
| 4083** | 24.0- 0.0- 4.0 | 23.8 | 0.0 | 4.2 | 99.62 |
| 5020 | 24.0- 0.0- 4.0 | 23.4 | 0.0 | 4.5 | 98.65 |
| 4811 | 28.0- 0.0- 4.0 | 28.1 | 0.0 | 4.1 | 100.50 |
| #TOTALS - NO. SAMPLES | | 28 | - SMPLS MISBRANDED | 8 | - 99.64 |
| LOWE'S | | SIKESTON, MO | | | |
| 4428 | 10.0-10.0-10.0 | 10.2 | 10.3 | 12.5 | 107.00 |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 107.00 |
| GARD'N WISE | | N. KANSAS CITY, MO | | | |
| 4933 | 13.0-13.0-13.0 | 12.5 | 13.2 | 12.5 | 98.31 |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 98.31 |

 * Subject to penalty (either 10% or two units deficient from guarantee in nutrient indicated, or 3% deficient in total value).

** Sample analyzed for guaranteed secondary or micronutrients, the results are tabulated beginning page 37.

Totals from July 1, 2012.

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------------------------|----------------|------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| ADI AGRONOMY INC | | PORTAGEVILLE, MO | | | |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 102.91 |
| ADM FERTILIZER | | MINNEAPOLIS, MN | | | |
| 4472** | 0.0- 0.0-22.0 | 0.0 | 0.0 | 22.3 | 101.36 |
| 2340 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2537 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2546 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.0 | 100.00 |
| 3468 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.1 | 100.17 |
| 3482 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.1 | 100.17 |
| 3665 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 3885 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2236 | 11.0-52.0- 0.0 | 11.1 | 52.9 | 0.0 | 101.59 |
| 2247 | 11.0-52.0- 0.0 | 12.5 | 51.9 | 0.0 | 102.22 |
| 2248 | 11.0-52.0- 0.0 | 11.5 | 52.2 | 0.0 | 101.11 |
| 3402 | 11.0-52.0- 0.0 | 11.1 | 53.5 | 0.0 | 102.54 |
| 4012 | 12.0-52.0- 0.0 | 11.5 | 52.8 | 0.0 | 100.47 |
| 2108 | 18.0-46.0- 0.0 | 18.0 | 46.0 | 0.0 | 100.00 |
| 2259 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 2275 | 18.0-46.0- 0.0 | 17.8 | 46.5 | 0.0 | 100.47 |
| 2280 | 18.0-46.0- 0.0 | 17.9 | 46.7 | 0.0 | 100.94 |
| 2291 | 18.0-46.0- 0.0 | 46.2 | 0.2* | 0.0 | 72.50* |
| 2839 | 18.0-46.0- 0.0 | 17.7 | 46.0 | 0.0 | 99.53 |
| 3023 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 |
| 3420 | 18.0-46.0- 0.0 | 17.7 | 46.0 | 0.0 | 99.53 |
| 3607 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 |
| 3833 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 5157 | 18.0-46.0- 0.0 | 18.3 | 46.3 | 0.0 | 100.94 |
| 2166 | 34.0- 0.0- 0.0 | 33.9 | 0.0 | 0.0 | 99.71 |
| 2167 | 34.0- 0.0- 0.0 | 34.2 | 0.0 | 0.0 | 100.59 |
| 2169 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 |
| 2381 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2387 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2612 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3135 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 |
| 3692 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 3931 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2418 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 5229 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 5231 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| #TOTALS - NO. SAMPLES | | 66 - SMPLS | MISBRANDED | 1 - | 100.42 |
| AG DISTRIBUTORS, INC | | NASHVILLE, TN | | | |
| 2309 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2310 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 2317 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.0 | 100.00 |
| 3291 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.6 | 102.67 |
| 3292 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2265 | 18.0-46.0- 0.0 | 17.6 | 46.2 | 0.0 | 99.69 |
| 2512 | 18.0-46.0- 0.0 | 18.1 | 46.1 | 0.0 | 100.31 |
| 2514 | 18.0-46.0- 0.0 | 18.7 | 46.5 | 0.0 | 101.88 |
| #TOTALS - NO. SAMPLES | | 31 - SMPLS | MISBRANDED | 1 - | 95.94 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 3604 | 11.0-52.0- 0.0 | 11.9 | 52.1 | 0.0 | 101.59 |
| 3568 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 5288 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES | | 7 - SMPLS | MISBRANDED | 0 - | 101.23 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 3149** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| 2128 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2129 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2338 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2550 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2890 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 3481 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 3676 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 3884 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 4104 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 4116 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------------------------|----------------|---------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 4265 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 4268 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.1 | 100.17 |
| 4479 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.8 | 99.67 |
| 4633 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 4815 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 4833 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 5038 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 5266 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2141 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 2354 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 2585 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.2 | 100.32 |
| 2589 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 3899 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 3905 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 3906 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 4641 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.0 | 100.00 |
| 4644 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 4646 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 4835 | 0.0- 0.0-62.4 | 0.0 | 0.0 | 63.0 | 100.96 |
| 5043 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 2091 | 11.0-52.0- 0.0 | 11.4 | 53.8 | 0.0 | 103.49 |
| 2250 | 11.0-52.0- 0.0 | 12.3 | 52.4 | 0.0 | 102.70 |
| 2469 | 11.0-52.0- 0.0 | 12.3 | 51.9 | 0.0 | 101.90 |
| 2476 | 11.0-52.0- 0.0 | 12.3 | 51.9 | 0.0 | 101.90 |
| 2478 | 11.0-52.0- 0.0 | 11.5 | 52.2 | 0.0 | 101.11 |
| 2820 | 11.0-52.0- 0.0 | 12.4 | 52.2 | 0.0 | 102.54 |
| 3007 | 11.0-52.0- 0.0 | 11.1 | 52.5 | 0.0 | 100.95 |
| 3824 | 11.0-52.0- 0.0 | 11.8 | 52.2 | 0.0 | 101.59 |
| 4204 | 11.0-52.0- 0.0 | 11.4 | 52.3 | 0.0 | 101.11 |
| 4211 | 11.0-52.0- 0.0 | 12.3 | 52.0 | 0.0 | 102.06 |
| 4385 | 11.0-52.0- 0.0 | 11.5 | 51.6 | 0.0 | 100.16 |
| 4387 | 11.0-52.0- 0.0 | 11.6 | 51.4 | 0.0 | 100.00 |
| 4594 | 11.0-52.0- 0.0 | 11.8 | 52.0 | 0.0 | 101.27 |
| 4596 | 11.0-52.0- 0.0 | 11.8 | 52.4 | 0.0 | 101.90 |
| 4597 | 11.0-52.0- 0.0 | 11.8 | 52.2 | 0.0 | 101.59 |
| 4598 | 11.0-52.0- 0.0 | 11.8 | 52.2 | 0.0 | 101.59 |
| 4599 | 11.0-52.0- 0.0 | 11.1 | 51.4 | 0.0 | 99.21 |
| 4765 | 11.0-52.0- 0.0 | 11.2 | 52.4 | 0.0 | 100.95 |
| 4766 | 11.0-52.0- 0.0 | 11.6 | 51.6 | 0.0 | 100.32 |
| 4980 | 11.0-52.0- 0.0 | 11.8 | 52.0 | 0.0 | 101.27 |
| 2497 | 18.0-46.0- 0.0 | 18.2 | 46.1 | 0.0 | 100.47 |
| 2686 | 18.0-46.0- 0.0 | 18.3 | 46.4 | 0.0 | 101.09 |
| 3429 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 3618 | 18.0-46.0- 0.0 | 17.4 | 46.0 | 0.0 | 99.06 |
| 3829 | 18.0-46.0- 0.0 | 18.2 | 45.7 | 0.0 | 99.84 |
| 3845 | 18.0-46.0- 0.0 | 18.1 | 45.9 | 0.0 | 100.00 |
| 4026 | 18.0-46.0- 0.0 | 17.9 | 45.7 | 0.0 | 99.38 |
| 4036 | 18.0-46.0- 0.0 | 17.7 | 45.5 | 0.0 | 98.75 |
| 4037 | 18.0-46.0- 0.0 | 18.3 | 46.5 | 0.0 | 101.25 |
| 4038 | 18.0-46.0- 0.0 | 18.3 | 45.8 | 0.0 | 100.16 |
| 4403 | 18.0-46.0- 0.0 | 17.9 | 45.8 | 0.0 | 99.53 |
| 4593 | 18.0-46.0- 0.0 | 18.2 | 46.3 | 0.0 | 100.78 |
| 4611 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 |
| 4614 | 18.0-46.0- 0.0 | 17.8 | 46.4 | 0.0 | 100.31 |
| 4994 | 18.0-46.0- 0.0 | 17.5 | 45.7 | 0.0 | 98.75 |
| 4996 | 18.0-46.0- 0.0 | 17.5 | 46.1 | 0.0 | 99.38 |
| 5159 | 18.0-46.0- 0.0 | 17.8 | 46.3 | 0.0 | 100.16 |
| 5250 | 18.0-46.0- 0.0 | 18.2 | 44.7 | 0.0 | 98.28 |
| 2408** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 2409** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 3935** | 21.0- 0.0- 0.0 | 20.9 | 0.0 | 0.0 | 99.52 |
| 4286** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 5307** | 21.0- 0.0- 0.0 | 21.0 | 0.0 | 0.0 | 100.00 |
| 2163 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 2164 | 34.0- 0.0- 0.0 | 34.2 | 0.0 | 0.0 | 100.59 |
| 2614 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 |
| 2620 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| 2626 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 2627 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| 2743 | 34.0- 0.0- 0.0 | 34.2 | 0.0 | 0.0 | 100.59 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--|----------------|---------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 2744 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2745 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2917 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3693 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3925 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 4142 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 4143 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 4498 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 4672 | 34.0- 0.0- 0.0 | 33.5 | 0.0 | 0.0 | 98.53 |
| 4673 | 34.0- 0.0- 0.0 | 33.5 | 0.0 | 0.0 | 98.53 |
| 5068 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 5070 | 34.0- 0.0- 0.0 | 33.4 | 0.0 | 0.0 | 98.24 |
| 5212 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 5273 | 34.0- 0.0- 0.0 | 33.6 | 0.0 | 0.0 | 98.82 |
| 2064 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2218 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2220 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2647 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2794 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3366 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3371 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3372 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3717 | 46.0- 0.0- 0.0 | 46.1 | 0.0 | 0.0 | 100.22 |
| 3719 | 46.0- 0.0- 0.0 | 46.1 | 0.0 | 0.0 | 100.22 |
| 3720 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3722 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3950 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 3959 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3962 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4170 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4171 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4322 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4323 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4325 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4329 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4547 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4560 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 4561 | 46.0- 0.0- 0.0 | 45.8 | 0.0 | 0.0 | 99.57 |
| 4896 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4898 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4901 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5086 | 46.0- 0.0- 0.0 | 45.9 | 0.0 | 0.0 | 99.78 |
| 5233 | 46.0- 0.0- 0.0 | 46.0 | 0.0 | 0.0 | 100.00 |
| 5279 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5280 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5281 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5283 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 5284 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES 310 - SMPLS MISBRANDED 0 - | | | | | 101.08 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - | | | | | 100.25 |
| AGRIUM ADVANCED TECHNOLOGIES (US)INC | | MARSTON, MO | | | |
| 2459 | 44.0- 0.0- 0.0 | 44.7 | 0.0 | 0.0 | 101.59 |
| 2801 | 44.0- 0.0- 0.0 | 45.4 | 0.0 | 0.0 | 103.18 |
| 2985 | 44.0- 0.0- 0.0 | 45.3 | 0.0 | 0.0 | 102.95 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - | | | | | 102.57 |
| AGRIUM U.S. INC. | | DENVER, CO | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - | | | | | 102.27 |
| AGRIUM U.S. INC. | | BEATRICE, NE | | | |
| 4099** | 0.0- 0.0-50.0 | 0.0 | 0.0 | 51.8 | 103.60 |
| 2136 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2137 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 2891 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 4109 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 4823 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 5101 | 39.0- 0.0- 0.0 | 39.3 | 0.0 | 0.0 | 100.77 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|----------------|-----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| AGRIUM U.S. INC. | | BEATRICE, NE | | | |
| 2223 | 44.0- 0.0- 0.0 | 45.2 | 0.0 | 0.0 | 102.73 |
| 3576 | 44.0- 0.0- 0.0 | 45.3 | 0.0 | 0.0 | 102.95 |
| 5317 | 44.0- 0.0- 0.0 | 45.3 | 0.0 | 0.0 | 102.95 |
| 2783 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3176 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 5316 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| #TOTALS - NO. SAMPLES 19 - SMPLS MISBRANDED 0 - | | | | | 102.08 |
| AMERICAN PLANT FOOD CORPORATION | | GALENA PARK, TX | | | |
| 2629** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 2773** | 21.0- 0.0- 0.0 | 21.1 | 0.0 | 0.0 | 100.48 |
| 5217** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| #TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - | | | | | 100.71 |
| AMEROPA NORTH AMERICA, INC | | TAMPA, FL | | | |
| 2634** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 2639** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 2772** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 3343** | 21.0- 0.0- 0.0 | 21.8 | 0.0 | 0.0 | 103.81 |
| 2983 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4712 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| #TOTALS - NO. SAMPLES 12 - SMPLS MISBRANDED 0 - | | | | | 101.16 |
| BEN-TREI TERMINALS,LLC-SPRINGFIELD | | TULSA, OK | | | |
| 2324 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.2 | 103.67 |
| 2327 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.0 | 103.33 |
| 2351 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 2390 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2226 | 44.0- 0.0- 0.0 | 45.2 | 0.0 | 0.0 | 102.73 |
| 2227 | 44.0- 0.0- 0.0 | 45.2 | 0.0 | 0.0 | 102.73 |
| #TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - | | | | | 102.41 |
| BEN-TREI FERTILIZER CO, LLC | | TULSA, OK | | | |
| 2138 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 2326 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2343 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2545 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 2736 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 2885 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3090 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3101 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 3469 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 4107 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 4115 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 4262 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.6 | 102.67 |
| 4484 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 4822 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 5036 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.9 | 103.17 |
| 5193 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2350 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 2683 | 11.0-52.0- 0.0 | 11.3 | 51.4 | 0.0 | 99.52 |
| 4019 | 11.0-52.0- 0.0 | 12.4 | 52.1 | 0.0 | 102.38 |
| 3020 | 18.0-46.0- 0.0 | 17.7 | 45.4 | 0.0 | 98.59 |
| 3027 | 18.0-46.0- 0.0 | 18.0 | 46.1 | 0.0 | 100.16 |
| 3416 | 18.0-46.0- 0.0 | 18.0 | 46.2 | 0.0 | 100.31 |
| 4028 | 18.0-46.0- 0.0 | 17.7 | 45.7 | 0.0 | 99.06 |
| 2406** | 21.0- 0.0- 0.0 | 20.3 | 0.0 | 0.0 | 96.67* |
| 2774** | 21.0- 0.0- 0.0 | 20.4 | 0.0 | 0.0 | 97.14 |
| 2389 | 34.0- 0.0- 0.0 | 34.2 | 0.0 | 0.0 | 100.59 |
| 2602 | 34.0- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 100.00 |
| 2603 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2605 | 34.0- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 100.88 |
| 2606 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2748 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 2749 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3127 | 34.0- 0.0- 0.0 | 34.2 | 0.0 | 0.0 | 100.59 |
| 3128 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 3131 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3132 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3133 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|-----------------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| BEN-TREI FERTILIZER CO, LLC TULSA, OK | | | | | |
| 3134 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 3327 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3540 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 3541 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3542 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3546 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 4141 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 4675 | 34.0- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 100.00 |
| 4677 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| 4681 | 34.0- 0.0- 0.0 | 33.9 | 0.0 | 0.0 | 99.71 |
| 5063 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 5072 | 34.0- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 100.88 |
| 5272 | 34.0- 0.0- 0.0 | 34.2 | 0.0 | 0.0 | 100.59 |
| #TOTALS - NO. SAMPLES | 78 - SMPLS MISBRANDED | 1 | | | 100.82 |
| BENEFICIAL BIOLOGICS ARCATA, CA | | | | | |
| 4831 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 4985 | 18.0-46.0- 0.0 | 18.6 | 46.5 | 0.0 | 101.72 |
| 4855** | 20.2- 0.0- 0.0 | 20.4 | 0.0 | 0.0 | 100.99 |
| 4842 | 33.5- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 100.90 |
| 4843 | 33.5- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 101.49 |
| 4845 | 33.5- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 100.90 |
| 4846 | 33.5- 0.0- 0.0 | 33.5 | 0.0 | 0.0 | 100.00 |
| 4847 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 |
| 4852 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| #TOTALS - NO. SAMPLES | 9 - SMPLS MISBRANDED | 0 | | | 100.85 |
| BOLIVAR FARMERS EXCHANGE BOLIVAR, MO | | | | | |
| 2284 | 18.0-46.0- 0.0 | 18.4 | 46.4 | 0.0 | 101.25 |
| #TOTALS - NO. SAMPLES | 1 - SMPLS MISBRANDED | 0 | | | 101.25 |
| CALCIUM PRODUCTS INC GILMORE CITY, IA | | | | | |
| 4152** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| 5218** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES | 2 - SMPLS MISBRANDED | 0 | | | 100.00 |
| CANTON MILLS, INC MINNESOTA CITY, MN | | | | | |
| 4042 | 0.0- 3.0- 0.0 | 0.0 | 14.7 | 0.0 | 490.00 |
| #TOTALS - NO. SAMPLES | 1 - SMPLS MISBRANDED | 0 | | | 490.00 |
| CENEX HARVEST STATES SIOUX FALLS, SD | | | | | |
| 4390 | 18.0-46.0- 0.0 | 18.1 | 46.6 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | 1 - SMPLS MISBRANDED | 0 | | | 101.09 |
| CENTRAL MISSOURI POULTRY PRODUCERS CALIFORNIA, MO | | | | | |
| 2528 | 3.0- 3.0- 2.0 | 3.6 | 3.1 | 2.1 | 110.71 |
| 4067 | 3.0- 3.0- 2.0 | 4.4 | 3.4 | 2.3 | 127.86 |
| #TOTALS - NO. SAMPLES | 5 - SMPLS MISBRANDED | 0 | | | 110.85 |
| CF INDUSTRIES SALES LLC DONALDSONVI DEERFIELD, IL | | | | | |
| 5093 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| #TOTALS - NO. SAMPLES | 1 - SMPLS MISBRANDED | 0 | | | 101.30 |
| CF INDUSTRIES SALES LLC DEERFIELD, IL | | | | | |
| 4773 | 18.0-46.0- 0.0 | 17.6 | 45.9 | 0.0 | 99.22 |
| 2382 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 2608 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2609 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2610 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2611 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2759 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3136 | 34.0- 0.0- 0.0 | 34.1 | 0.0 | 0.0 | 100.29 |
| 3326 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3547 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 |
| 3691 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2181 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2439 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2442 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2444 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2448 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---------------------------------------|-----------------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| CF INDUSTRIES SALES LLC DEERFIELD, IL | | | | | |
| 2450 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2453 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2454 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2663 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3156 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3157 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3158 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4165 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4703 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES | 29 - SMPLS MISBRANDED | 0 | | | 100.93 |
| CHS INC ST PAUL, MN | | | | | |
| 2333 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.1 | 100.17 |
| 3289 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 3887 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 3205 | 11.0-52.0- 0.0 | 11.1 | 53.1 | 0.0 | 101.90 |
| 3207 | 11.0-52.0- 0.0 | 11.3 | 52.6 | 0.0 | 101.43 |
| 2285 | 18.0-46.0- 0.0 | 17.8 | 46.5 | 0.0 | 100.47 |
| 2286 | 18.0-46.0- 0.0 | 17.8 | 46.6 | 0.0 | 100.63 |
| 2483 | 18.0-46.0- 0.0 | 18.3 | 45.1 | 0.0 | 99.06 |
| 2489 | 18.0-46.0- 0.0 | 18.1 | 45.8 | 0.0 | 99.84 |
| 2493 | 18.0-46.0- 0.0 | 17.9 | 45.4 | 0.0 | 98.91 |
| 2494 | 18.0-46.0- 0.0 | 18.1 | 46.1 | 0.0 | 100.31 |
| 2700 | 18.0-46.0- 0.0 | 17.7 | 46.1 | 0.0 | 99.69 |
| 3212 | 18.0-46.0- 0.0 | 17.7 | 46.1 | 0.0 | 99.69 |
| 3834 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 3835 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 3836 | 18.0-46.0- 0.0 | 17.7 | 45.7 | 0.0 | 99.06 |
| 4399 | 18.0-46.0- 0.0 | 17.7 | 46.0 | 0.0 | 99.53 |
| 4400 | 18.0-46.0- 0.0 | 17.5 | 45.9 | 0.0 | 99.06 |
| 5153 | 18.0-46.0- 0.0 | 17.6 | 46.4 | 0.0 | 100.00 |
| 3932 | 34.0- 0.0- 0.0 | 33.4 | 0.0 | 0.0 | 98.24 |
| 2203 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2412 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3154 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3162 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3163 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3724 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3725 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4318 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4319 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5082 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | 33 - SMPLS MISBRANDED | 0 | | | 100.29 |
| CGB FERTILIZER JEFFERSONVILLE, IN | | | | | |
| 3025** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| 3077** | 0.0- 0.0-22.0 | 0.0 | 0.0 | 21.8 | 99.09 |
| 3083 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 3084 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3085 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.1 | 100.17 |
| 3006 | 11.0-52.0- 0.0 | 11.9 | 52.7 | 0.0 | 102.54 |
| 2260 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 |
| 2261 | 18.0-46.0- 0.0 | 17.5 | 45.4 | 0.0 | 98.28 |
| 2283 | 18.0-46.0- 0.0 | 18.5 | 46.7 | 0.0 | 101.88 |
| 3019 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 |
| 3024 | 18.0-46.0- 0.0 | 18.0 | 46.4 | 0.0 | 100.63 |
| 3026 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 |
| 3041 | 18.0-46.0- 0.0 | 18.2 | 46.6 | 0.0 | 101.25 |
| 3417 | 18.0-46.0- 0.0 | 18.0 | 46.1 | 0.0 | 100.16 |
| 4219 | 18.0-46.0- 0.0 | 18.1 | 45.9 | 0.0 | 100.00 |
| 3141** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 |
| 3142** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 2367 | 33.5- 0.0- 0.0 | 33.9 | 0.0 | 0.0 | 101.19 |
| 2368 | 33.5- 0.0- 0.0 | 34.1 | 0.0 | 0.0 | 101.79 |
| 2369 | 33.5- 0.0- 0.0 | 33.9 | 0.0 | 0.0 | 101.19 |
| 2370 | 33.5- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 101.49 |
| 2741 | 33.5- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 101.49 |
| 3111 | 33.5- 0.0- 0.0 | 34.1 | 0.0 | 0.0 | 101.79 |
| 3113 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3114 | 33.5- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 103.58 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| CGB FERTILIZER | | | | | |
| JEFFERSONVILLE, IN | | | | | |
| 4139 | 33.5- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 100.90 |
| 5060 | 33.5- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 100.60 |
| 5061 | 33.5- 0.0- 0.0 | 33.4 | 0.0 | 0.0 | 99.70 |
| 2168 | 34.0- 0.0- 0.0 | 33.3 | 0.0 | 0.0 | 97.94 |
| 2395 | 34.0- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 100.00 |
| 2396 | 34.0- 0.0- 0.0 | 33.4 | 0.0 | 0.0 | 98.24 |
| 2397 | 34.0- 0.0- 0.0 | 33.3 | 0.0 | 0.0 | 97.94 |
| 2398 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 2760 | 34.0- 0.0- 0.0 | 34.2 | 0.0 | 0.0 | 100.59 |
| 3125 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| 3126 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 3130 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 3532 | 34.0- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 100.00 |
| 4284 | 34.0- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 100.00 |
| 2952 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2953 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2961 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| #TOTALS - NO. SAMPLES 65 - SMPLS MISBRANDED 0 - 100.82 | | | | | |

CONSUMERS OIL & SUPPLY CO BRAYMER, MO
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.39

| CROP PRODUCTION SERVICES-4025 | | MARSTON, MO | | | |
|--|----------------|-------------|------|------|--------|
| 2311 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 2312 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2313 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2316 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2318 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2555 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2570 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.8 | 103.00 |
| 2731 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 5187 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 5188 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2708 | 0.0-46.0- 0.0 | 0.0 | 46.6 | 0.0 | 101.30 |
| 2502 | 11.0-52.0- 0.0 | 11.5 | 51.9 | 0.0 | 100.63 |
| 2264 | 18.0-46.0- 0.0 | 18.3 | 46.5 | 0.0 | 101.25 |
| 2267 | 18.0-46.0- 0.0 | 18.1 | 46.5 | 0.0 | 100.94 |
| 2504 | 18.0-46.0- 0.0 | 18.1 | 45.8 | 0.0 | 99.84 |
| 2513 | 18.0-46.0- 0.0 | 18.4 | 46.3 | 0.0 | 101.09 |
| 2696 | 18.0-46.0- 0.0 | 18.2 | 46.1 | 0.0 | 100.47 |
| 5148 | 18.0-46.0- 0.0 | 17.6 | 45.8 | 0.0 | 99.06 |
| 2401** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 2403** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 2631** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 |
| 2635** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 2771** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 5216** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 2184 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2186 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2441 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2456 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2659 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2660 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2661 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5076 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5080 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| #TOTALS - NO. SAMPLES 48 - SMPLS MISBRANDED 0 - 100.80 | | | | | |

CROP PRODUCTION SERVICES-3512 PALMYRA, MO
2119** 12.0-40.0- 0.0 12.1 41.9 0.0 103.85
2110 18.0-46.0- 0.0 18.0 46.2 0.0 100.31
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.89

| CROP PRODUCTION SERVICES-3528 | | QUINCY, IL | | | |
|-------------------------------|---------------|------------|-----|------|--------|
| 2132 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 2543 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 2724 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.5 | 102.50 |
| 3895 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 4819 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 5196 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| CROP PRODUCTION SERVICES-3528 QUINCY, IL | | | | | |
| 2353 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 2587 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 3109 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 3904 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 4272 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 4485 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 4486 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 4647 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 5206 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 5366 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 4788 | 0.0-46.0- 0.0 | 0.0 | 45.9 | 0.0 | 99.78 |
| 2096 | 11.0-52.0- 0.0 | 11.7 | 52.4 | 0.0 | 101.75 |
| 2468 | 11.0-52.0- 0.0 | 11.6 | 52.5 | 0.0 | 101.75 |
| 3015 | 11.0-52.0- 0.0 | 11.6 | 52.9 | 0.0 | 102.38 |
| 3825 | 11.0-52.0- 0.0 | 11.6 | 52.9 | 0.0 | 102.38 |
| 3826 | 11.0-52.0- 0.0 | 11.6 | 52.8 | 0.0 | 102.22 |
| 4208 | 11.0-52.0- 0.0 | 11.6 | 52.3 | 0.0 | 101.43 |
| 4600 | 11.0-52.0- 0.0 | 11.6 | 51.7 | 0.0 | 100.48 |
| 4762 | 11.0-52.0- 0.0 | 11.8 | 51.7 | 0.0 | 100.79 |
| 5147 | 11.0-52.0- 0.0 | 11.6 | 52.0 | 0.0 | 100.95 |
| 2679 | 12.0-40.0- 0.0 | 11.9 | 43.2 | 0.0 | 105.96 |
| 5165** | 12.0-40.0- 0.0 | 11.9 | 40.6 | 0.0 | 100.96 |
| 2516 | 18.0-46.0- 0.0 | 18.0 | 46.0 | 0.0 | 100.00 |
| 2689 | 18.0-46.0- 0.0 | 18.0 | 46.4 | 0.0 | 100.63 |
| 4218 | 18.0-46.0- 0.0 | 17.5 | 45.3 | 0.0 | 98.13 |
| 4769 | 18.0-46.0- 0.0 | 17.5 | 45.9 | 0.0 | 99.06 |
| 5097 | 44.0- 0.0- 0.0 | 45.6 | 0.0 | 0.0 | 103.64 |
| 2650 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2652 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3739 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 4164 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES 90 - SMPLS MISBRANDED 0 - 101.09 | | | | | |

CTL FARM SERVICE INC BETHANY, MO
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.50

DALLAS COUNTY FARMERS EXCH-URBANA BUFFALO, MO
2482 18.0-46.0- 0.0 18.5 46.1 0.0 100.94
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.94

| DASCO, INC | | ENGLEWOOD, CO | | | |
|---|----------------|---------------|-------|-----|--------|
| 3407 | 11.0-52.0- 0.0 | 11.3 | 53.7 | 0.0 | 103.17 |
| 4595 | 11.0-52.0- 0.0 | 14.3 | 48.8* | 0.0 | 100.16 |
| 4761 | 11.0-52.0- 0.0 | 12.2 | 51.7 | 0.0 | 101.43 |
| 5242 | 11.0-52.0- 0.0 | 12.3 | 51.6 | 0.0 | 101.43 |
| 5247 | 12.0-52.0- 0.0 | 12.7 | 50.5 | 0.0 | 98.75 |
| #TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 1 - 100.98 | | | | | |

DICKERSON GRAIN, INC LUCERNE, MO
5254 18.0-46.0- 0.0 16.6 42.0* 0.0 91.56*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 91.56

| EL DORADO CHEMICAL CO | | EL DORADO, AR | | | |
|--|----------------|---------------|-----|-----|--------|
| 2921 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2922 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 2923 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 2924 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 |
| 2925 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2926 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 3328 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 4676 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 4678 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4680 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| #TOTALS - NO. SAMPLES 21 - SMPLS MISBRANDED 0 - 101.66 | | | | | |

FWLER ELEVATOR, INC UNIONVILLE, MO
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 100.65

FRIT INDUSTRIES OZARK, AL
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------|-------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |

GAGE'S FERTILIZER & GRAIN, INC BETHANY, MO
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.95

| GAVILON FERTILIZER, LLC | | NEW FRANKLIN, MO | | | |
|-------------------------|-----------------------|------------------|--------|------|--------|
| 2355 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 2581 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 2583 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 2584 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 3108 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 3490 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 3491 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 3900 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 3901 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.0 | 100.00 |
| 4120 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 4121 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 4122 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 4642 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 4643 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 4645 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.2 | 100.32 |
| 5044 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 5045 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 5201 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 5202 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 5269 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 5303 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 2495 | 18.0-46.0- 0.0 | 18.0 | 45.5 | 0.0 | 99.22 |
| 2498 | 18.0-46.0- 0.0 | 17.9 | 45.9 | 0.0 | 99.69 |
| 3419 | 18.0-46.0- 0.0 | 17.9 | 46.1 | 0.0 | 100.00 |
| 3421 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 |
| 3620 | 18.0-46.0- 0.0 | 17.6 | 46.1 | 0.0 | 99.53 |
| 3830 | 18.0-46.0- 0.0 | 18.0 | 45.2 | 0.0 | 98.75 |
| 3831 | 18.0-46.0- 0.0 | 18.0 | 45.6 | 0.0 | 99.38 |
| 4031 | 18.0-46.0- 0.0 | 17.9 | 45.8 | 0.0 | 99.53 |
| 4995 | 18.0-46.0- 0.0 | 17.4 | 45.9 | 0.0 | 98.91 |
| 5158 | 18.0-46.0- 0.0 | 17.7 | 46.0 | 0.0 | 99.53 |
| 5251 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 2162 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2615 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 2616 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 3528 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3530 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3531 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 4145 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4146 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4669 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2209 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2425 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2426 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3362 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3718 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 3721 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| #TOTALS - NO. SAMPLES | 86 - SMPLS MISBRANDED | 0 - | 100.50 | | |

| GAVILON FERTILIZER, LLC | | CATOOSA, OK | | | |
|-------------------------|----------------|-------------|------|-----|--------|
| 2818 | 11.0-52.0- 0.0 | 11.8 | 52.6 | 0.0 | 102.22 |
| 3206 | 11.0-52.0- 0.0 | 12.1 | 52.2 | 0.0 | 102.06 |
| 3406 | 11.0-52.0- 0.0 | 12.1 | 52.1 | 0.0 | 101.90 |
| 3603 | 11.0-52.0- 0.0 | 12.3 | 51.9 | 0.0 | 101.90 |
| 4205 | 11.0-52.0- 0.0 | 12.2 | 51.8 | 0.0 | 101.59 |
| 2853** | 12.0-40.0- 0.0 | 12.0 | 42.2 | 0.0 | 104.23 |
| 2490 | 18.0-46.0- 0.0 | 18.3 | 46.0 | 0.0 | 100.47 |
| 2825 | 18.0-46.0- 0.0 | 17.9 | 46.4 | 0.0 | 100.47 |
| 3211 | 18.0-46.0- 0.0 | 17.8 | 46.4 | 0.0 | 100.31 |
| 3213 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 |
| 3234 | 18.0-46.0- 0.0 | 18.2 | 46.8 | 0.0 | 101.56 |
| 2779 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2780 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2781 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2797 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2798 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3155 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------|-------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |

GAVILON FERTILIZER, LLC CATOOSA, OK
 4159 46.0- 0.0- 0.0 46.7 0.0 0.0 101.52
 #TOTALS - NO. SAMPLES 32 - SMPLS MISBRANDED 0 - 101.39

GAVILON FERTILIZER, INC KANSAS CITY, MO
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.37

GAVILON FERTILIZER, LLC SAVANNAH, GA
 #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.94

| GAVILON FERTILIZER LLC | | SAUGET, IL | | | |
|------------------------|----------------|------------|------|------|--------|
| 2553 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 2864 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2865 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 3079 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 3893 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 4108 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.6 | 102.67 |
| 4474 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2139 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 2144 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 2146 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.9 | 101.45 |
| 2348 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 2579 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.2 | 100.32 |
| 2892 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.9 | 101.45 |
| 2894 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 3106 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 3493 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 3494 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.2 | 100.32 |
| 3898 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 3902 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.0 | 100.00 |
| 3903 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.9 | 101.45 |
| 4119 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 4487 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 4488 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 4638 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 4640 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 4830 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 4832 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 5198 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 5207 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 5270 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 2470 | 11.0-52.0- 0.0 | 11.9 | 51.7 | 0.0 | 100.95 |
| 2471 | 11.0-52.0- 0.0 | 11.9 | 51.6 | 0.0 | 100.79 |
| 3014 | 11.0-52.0- 0.0 | 12.4 | 52.5 | 0.0 | 103.02 |
| 3822 | 11.0-52.0- 0.0 | 11.1 | 51.7 | 0.0 | 99.68 |
| 4021 | 11.0-52.0- 0.0 | 11.3 | 52.1 | 0.0 | 100.63 |
| 4982 | 11.0-52.0- 0.0 | 11.3 | 51.5 | 0.0 | 99.68 |
| 5144 | 11.0-52.0- 0.0 | 11.6 | 52.9 | 0.0 | 102.38 |
| 5244 | 11.0-52.0- 0.0 | 11.6 | 52.6 | 0.0 | 101.90 |
| 5246 | 11.0-52.0- 0.0 | 11.4 | 52.3 | 0.0 | 101.11 |
| 5295 | 11.0-52.0- 0.0 | 11.4 | 52.5 | 0.0 | 101.43 |
| 2101 | 18.0-46.0- 0.0 | 18.2 | 46.2 | 0.0 | 100.63 |
| 2113 | 18.0-46.0- 0.0 | 17.9 | 46.0 | 0.0 | 99.84 |
| 2257 | 18.0-46.0- 0.0 | 18.1 | 46.4 | 0.0 | 100.78 |
| 2501 | 18.0-46.0- 0.0 | 18.0 | 45.9 | 0.0 | 99.84 |
| 3018 | 18.0-46.0- 0.0 | 17.9 | 45.9 | 0.0 | 99.69 |
| 3031 | 18.0-46.0- 0.0 | 18.1 | 46.5 | 0.0 | 100.94 |
| 3422 | 18.0-46.0- 0.0 | 17.5 | 45.7 | 0.0 | 98.75 |
| 3427 | 18.0-46.0- 0.0 | 17.9 | 45.8 | 0.0 | 99.53 |
| 3839 | 18.0-46.0- 0.0 | 17.9 | 45.9 | 0.0 | 99.69 |
| 3842 | 18.0-46.0- 0.0 | 18.2 | 46.3 | 0.0 | 100.78 |
| 3844 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 4025 | 18.0-46.0- 0.0 | 17.5 | 45.8 | 0.0 | 98.91 |
| 4029 | 18.0-46.0- 0.0 | 17.9 | 45.8 | 0.0 | 99.53 |
| 4214 | 18.0-46.0- 0.0 | 17.8 | 45.2 | 0.0 | 98.44 |
| 4395 | 18.0-46.0- 0.0 | 17.8 | 45.9 | 0.0 | 99.53 |
| 4396 | 18.0-46.0- 0.0 | 17.6 | 46.0 | 0.0 | 99.38 |
| 4602 | 18.0-46.0- 0.0 | 17.7 | 46.0 | 0.0 | 99.53 |
| 4603 | 18.0-46.0- 0.0 | 17.6 | 45.7 | 0.0 | 98.91 |
| 4605 | 18.0-46.0- 0.0 | 17.6 | 45.5 | 0.0 | 98.59 |
| 4780 | 18.0-46.0- 0.0 | 17.7 | 45.9 | 0.0 | 99.38 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------------------------|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| GAVILON FERTILIZER LLC SAUGET, IL | | | | | |
| 4783 | 18.0-46.0- 0.0 | 17.5 | 45.6 | 0.0 | 98.59 |
| 4992 | 18.0-46.0- 0.0 | 17.6 | 45.8 | 0.0 | 99.06 |
| 5151 | 18.0-46.0- 0.0 | 17.6 | 46.3 | 0.0 | 99.84 |
| 5160 | 18.0-46.0- 0.0 | 17.6 | 46.1 | 0.0 | 99.53 |
| 5163 | 18.0-46.0- 0.0 | 17.8 | 46.4 | 0.0 | 100.31 |
| 5252 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 5335 | 18.0-46.0- 0.0 | 17.7 | 46.9 | 0.0 | 100.94 |
| 4687** | 20.5- 0.0- 0.0 | 20.9 | 0.0 | 0.0 | 101.95 |
| 2171** | 21.0- 0.0- 0.0 | 21.0 | 0.0 | 0.0 | 100.00 |
| 2174** | 21.0- 0.0- 0.0 | 20.8 | 0.0 | 0.0 | 99.05 |
| 4288** | 21.0- 0.0- 0.0 | 23.7 | 0.0 | 0.0 | 112.86 |
| 4520** | 21.0- 0.0- 0.0 | 21.0 | 0.0 | 0.0 | 100.00 |
| 4521** | 21.0- 0.0- 0.0 | 21.0 | 0.0 | 0.0 | 100.00 |
| 4522** | 21.0- 0.0- 0.0 | 20.9 | 0.0 | 0.0 | 99.52 |
| 4685** | 21.0- 0.0- 0.0 | 20.8 | 0.0 | 0.0 | 99.05 |
| 2152 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 2153 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 2366 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 4844 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 2160 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2161 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2165 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2618 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2742 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 2747 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2766 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2767 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 |
| 2915 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3121 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3122 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 3331 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 3337 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3340 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 3529 | 34.0- 0.0- 0.0 | 33.9 | 0.0 | 0.0 | 99.71 |
| 3534 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 |
| 3543 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 3922 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 |
| 4281 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 4282 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 4283 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 |
| 4499 | 34.0- 0.0- 0.0 | 34.1 | 0.0 | 0.0 | 100.29 |
| 4500 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4501 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4503 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4504 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4505 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 4506 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4670 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4671 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 |
| 4850 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 5064 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 5065 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 5066 | 34.0- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 100.88 |
| 5071 | 34.0- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 100.88 |
| 5209 | 34.0- 0.0- 0.0 | 33.4 | 0.0 | 0.0 | 98.24 |
| 2052 | 46.0- 0.0- 0.0 | 46.1 | 0.0 | 0.0 | 100.22 |
| 2056 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2060 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2066 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2069 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2081 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2082 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2083 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2422 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2423 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2432 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2437 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2791 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2965 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 2968 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| GAVILON FERTILIZER LLC SAUGET, IL | | | | | |
| 2969 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2973 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3733 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3734 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3735 | 46.0- 0.0- 0.0 | 46.0 | 0.0 | 0.0 | 100.00 |
| 3736 | 46.0- 0.0- 0.0 | 46.1 | 0.0 | 0.0 | 100.22 |
| 3946 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3949 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4303 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4309 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4312 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4314 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4331 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4536 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4537 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4538 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4548 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4550 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4555 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4556 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4716 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4892 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5087 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5088 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5090 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 5091 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5094 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 5223 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 5228 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 5234 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 5315 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| #TOTALS - NO. SAMPLES 278 - SMPLS MISBRANDED 1 - 100.99 | | | | | |
| GAVILON FERTILIZER, LLC ST JOSEPH, MO | | | | | |
| 2304 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 2305 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 2306 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2547 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 2868 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 3290 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 4998** | 11.0-40.0- 0.0 | 11.2 | 40.6 | 0.0 | 101.57 |
| 4999** | 11.0-40.0- 0.0 | 11.2 | 40.3 | 0.0 | 100.98 |
| 2116 | 18.0-46.0- 0.0 | 18.0 | 45.6 | 0.0 | 99.38 |
| 2383 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 |
| 2384 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2385 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 5069 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2668 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES 33 - SMPLS MISBRANDED 2 - 100.76 | | | | | |
| GAVILON AG SERVICES, LLC-NEBRASKA C NEBRASKA CITY, NE | | | | | |
| 2399** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 2628** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 3698** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| #TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 104.41 | | | | | |
| GRANITE CITY TERMINAL LLC GRANITE CITY, IL | | | | | |
| 3679 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 3892 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 4258 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 4627 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 4628 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 5029 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 2580 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 2738 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 2895 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 3107 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 3314 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 3488 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 3489 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|-------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| GRANITE CITY TERMINAL LLC | | GRANITE CITY, IL | | | |
| 2102 | 18.0-46.0- 0.0 | 18.1 | 46.2 | 0.0 | 100.47 |
| 2106 | 18.0-46.0- 0.0 | 18.1 | 45.6 | 0.0 | 99.53 |
| 2258 | 18.0-46.0- 0.0 | 18.5 | 46.8 | 0.0 | 102.03 |
| 3229 | 18.0-46.0- 0.0 | 18.2 | 46.6 | 0.0 | 101.25 |
| 3232 | 18.0-46.0- 0.0 | 18.2 | 46.6 | 0.0 | 101.25 |
| 3625 | 18.0-46.0- 0.0 | 17.5 | 46.1 | 0.0 | 99.38 |
| 3838 | 18.0-46.0- 0.0 | 17.9 | 46.1 | 0.0 | 100.00 |
| 3841 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 |
| 4397 | 18.0-46.0- 0.0 | 17.7 | 46.0 | 0.0 | 99.53 |
| 4606 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 4771 | 18.0-46.0- 0.0 | 17.6 | 45.6 | 0.0 | 98.75 |
| 4779 | 18.0-46.0- 0.0 | 17.7 | 45.7 | 0.0 | 99.06 |
| 5256 | 18.0-46.0- 0.0 | 17.6 | 45.7 | 0.0 | 98.91 |
| 2630** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 |
| 3143** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 3548** | 21.0- 0.0- 0.0 | 21.7 | 0.0 | 0.0 | 103.33 |
| 4287** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 |
| 2419 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2970 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3573 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3730 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4539 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4542 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | | 58 | - SMPLS MISBRANDED | 0 | - 100.53 |
| GREAT SALT LAKE MINERALS CORP. | | OGDEN, UT | | | |
| 5184** | 0.0- 0.0-50.0 | 0.0 | 0.0 | 50.9 | 101.80 |
| 5185** | 0.0- 0.0-50.0 | 0.0 | 0.0 | 50.9 | 101.80 |
| #TOTALS - NO. SAMPLES | | 3 | - SMPLS MISBRANDED | 0 | - 102.20 |
| GROWMARK, INC | | BLOOMINGTON, IL | | | |
| 5028 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 5031 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3045** | 12.0-40.0- 0.0 | 11.9 | 42.9 | 0.0 | 105.38 |
| 2111 | 18.0-46.0- 0.0 | 18.0 | 46.3 | 0.0 | 100.47 |
| 2255 | 18.0-46.0- 0.0 | 18.3 | 46.7 | 0.0 | 101.56 |
| 2823 | 18.0-46.0- 0.0 | 17.9 | 46.3 | 0.0 | 100.31 |
| 2824 | 18.0-46.0- 0.0 | 17.7 | 46.2 | 0.0 | 99.84 |
| 2827 | 18.0-46.0- 0.0 | 17.9 | 46.6 | 0.0 | 100.78 |
| 4216 | 18.0-46.0- 0.0 | 17.8 | 45.6 | 0.0 | 99.06 |
| 4778 | 18.0-46.0- 0.0 | 17.9 | 46.1 | 0.0 | 100.00 |
| 4989 | 18.0-46.0- 0.0 | 17.6 | 46.2 | 0.0 | 99.69 |
| 3933** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 4523** | 21.0- 0.0- 0.0 | 21.7 | 0.0 | 0.0 | 103.33 |
| 2078 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2964 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3738 | 46.0- 0.0- 0.0 | 45.9 | 0.0 | 0.0 | 99.78 |
| 4694 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| #TOTALS - NO. SAMPLES | | 27 | - SMPLS MISBRANDED | 0 | - 100.85 |
| HELENA CHEMICAL CO - CANTON | | WYACONDA, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 99.70 |
| HELENA CHEMICAL COMPANY | | CLARKTON, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 101.08 |
| HELENA CHEMICAL COMPANY | | COLLIERSVILLE, TN | | | |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 103.58 |
| HELENA CHEMICAL CO | | MEMPHIS, MO | | | |
| 3674 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2510 | 18.0-46.0- 0.0 | 18.2 | 46.2 | 0.0 | 100.63 |
| 3612 | 18.0-46.0- 0.0 | 18.2 | 46.0 | 0.0 | 100.31 |
| 3613 | 18.0-46.0- 0.0 | 18.1 | 46.1 | 0.0 | 100.31 |
| 3695** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 3566 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| #TOTALS - NO. SAMPLES | | 12 | - SMPLS MISBRANDED | 0 | - 100.49 |
| HELENA CHEMICAL COMPANY -NEWTOWN | | NEWTOWN, MO | | | |
| 3484 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| HELENA CHEMICAL COMPANY -NEWTOWN | | NEWTOWN, MO | | | |
| 3409 | 11.0-52.0- 0.0 | 11.7 | 53.3 | 0.0 | 103.17 |
| 3431 | 18.0-46.0- 0.0 | 17.7 | 46.4 | 0.0 | 100.16 |
| 3527 | 33.5- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 102.39 |
| #TOTALS - NO. SAMPLES | | 5 | - SMPLS MISBRANDED | 0 | - 101.60 |
| HELENA CHEMICAL COMPANY | | UNIONVILLE, MO | | | |
| 3487 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.6 | 99.33 |
| 4261 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 5190 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3430 | 18.0-46.0- 0.0 | 17.7 | 46.0 | 0.0 | 99.53 |
| #TOTALS - NO. SAMPLES | | 7 | - SMPLS MISBRANDED | 0 | - 100.36 |
| HELM FERTILIZER CORPORATION | | TAMPA, FL | | | |
| 3297 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 3300 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 3475 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 4637 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 3219 | 18.0-46.0- 0.0 | 18.2 | 46.4 | 0.0 | 100.94 |
| 3222 | 18.0-46.0- 0.0 | 17.8 | 46.9 | 0.0 | 101.09 |
| 3423 | 18.0-46.0- 0.0 | 17.7 | 46.6 | 0.0 | 100.47 |
| 4617 | 18.0-46.0- 0.0 | 17.7 | 46.4 | 0.0 | 100.16 |
| 3550** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 3516 | 33.5- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 100.60 |
| 3517 | 33.5- 0.0- 0.0 | 33.6 | 0.0 | 0.0 | 100.30 |
| 4674 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 4679 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| 3369 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| #TOTALS - NO. SAMPLES | | 22 | - SMPLS MISBRANDED | 0 | - 100.69 |
| HOFFMAN & REED, INC | | TRENTON, MO | | | |
| 4634 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 5034 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2239 | 11.0-52.0- 0.0 | 12.4 | 52.2 | 0.0 | 102.54 |
| 4613 | 18.0-46.0- 0.0 | 17.7 | 45.5 | 0.0 | 98.75 |
| 2621 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 2624 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 2625 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 4894 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| #TOTALS - NO. SAMPLES | | 15 | - SMPLS MISBRANDED | 0 | - 101.11 |
| HONEYWELL | | HOPEWELL, VA | | | |
| 4854** | 21.0- 0.0- 0.0 | 20.9 | 0.0 | 0.0 | 99.52 |
| #TOTALS - NO. SAMPLES | | 3 | - SMPLS MISBRANDED | 0 | - 100.95 |
| INTER-CHEM | | TULSA, OK | | | |
| 4478 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.7 | 99.50 |
| 2843 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 |
| 4166 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES | | 8 | - SMPLS MISBRANDED | 0 | - 100.08 |
| INTREPID POTASH- NEW MEXICO, LLC | | DENVER, CO | | | |
| 2730 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 5024 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2349 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 61.9 | 99.84 |
| 2576 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 2577 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.0 | 100.00 |
| 2578 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 61.9 | 99.84 |
| 2739 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 3313 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 61.9 | 99.84 |
| 3316 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 3684 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 61.6 | 99.35 |
| 3685 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| #TOTALS - NO. SAMPLES | | 24 | - SMPLS MISBRANDED | 0 | - 100.43 |
| KELLY LIMESTONE LLC | | KIRKSVILLE, MO | | | |
| #TOTALS - NO. SAMPLES | | 2 | - SMPLS MISBRANDED | 0 | - 100.00 |
| KNOX FERTILIZER COMPANY, INC | | KNOX, IN | | | |
| 5098 | 44.0- 0.0- 0.0 | 45.0 | 0.0 | 0.0 | 102.27 |
| 5099 | 44.0- 0.0- 0.0 | 45.2 | 0.0 | 0.0 | 102.73 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|---------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| KNOX FERTILIZER COMPANY, INC | | KNOX, IN | | | |
| 5100 | 44.0- 0.0- 0.0 | 44.7 | 0.0 | 0.0 | 101.59 |
| #TOTALS - NO. SAMPLES | | 5 - SMPLS | MISBRANDED | 0 - | 102.45 |
| KOCH AGRONOMIC SERVICES-ST LOUIS | | WICHITA, KS | | | |
| 2984 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 4304 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 4306 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4696 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4710 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | | 9 - SMPLS | MISBRANDED | 0 - | 101.40 |
| KOCH NITROGEN COMPANY, LLC | | BEATRICE, NE | | | |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 101.63 |
| KOCH NITROGEN COMPANY, LLC | | ST. LOUIS, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.52 |
| KOCH NITROGEN COMPANY, LLC | | WICHITA, KS | | | |
| 3731 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.43 |
| KOCH NITROGEN INTERNATIONAL SARL | | ST LOUIS, MO | | | |
| 2097 | 11.0-52.0- 0.0 | 11.5 | 52.0 | 0.0 | 100.79 |
| 2814 | 11.0-52.0- 0.0 | 11.4 | 52.0 | 0.0 | 100.63 |
| 4767 | 11.0-52.0- 0.0 | 11.3 | 52.8 | 0.0 | 101.75 |
| 2702** | 12.0-40.0- 0.0 | 12.0 | 42.3 | 0.0 | 104.42 |
| 2072 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2073 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2074 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2671 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2982 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 3167 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3177 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3178 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3179 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3363 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4327 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4328 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4549 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4551 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4552 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 4553 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4554 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4900 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4902 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 5085 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5089 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5278 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 5282 | 46.0- 0.0- 0.0 | 46.1 | 0.0 | 0.0 | 100.22 |
| #TOTALS - NO. SAMPLES | | 28 - SMPLS | MISBRANDED | 0 - | 101.37 |
| LANGE-STEGMANN COMPANY | | ST LOUIS, MO | | | |
| 3070 | 1.0- 0.0- 0.0 | 32.4 | 0.0 | 0.0 | 3,240.00 |
| 3071 | 1.0- 0.0- 0.0 | 38.7 | 0.0 | 0.0 | 3,870.00 |
| 3072 | 1.0- 0.0- 0.0 | 8.9 | 0.0 | 0.0 | 890.00 |
| 3073 | 1.0- 0.0- 0.0 | 31.2 | 0.0 | 0.0 | 3,120.00 |
| 3074 | 1.0- 0.0- 0.0 | 3.0 | 0.0 | 0.0 | 300.00 |
| 2815 | 11.0-52.0- 0.0 | 11.1 | 52.2 | 0.0 | 100.48 |
| #TOTALS - NO. SAMPLES | | 6 - SMPLS | MISBRANDED | 0 - | 261.02 |
| M. G. WALDBAUM CO. | | WAKEFIELD, NE | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 100.00 |
| MARTIN OPERATING PARTNERSHIP, LP | | KILGORE, TX | | | |
| 3552** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.00 |
| MARTIN OPERATING PARTNERSHIP LP | | ODESSA, TX | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.00 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------------------------------|----------------|----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MERSCHMAN FERTILIZR LLC-(FT MADISON) | | WEST POINT, IA | | | |
| 3094 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 4820 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 5199 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 2238 | 11.0-52.0- 0.0 | 11.4 | 50.6 | 0.0 | 98.41 |
| 3011 | 11.0-52.0- 0.0 | 11.5 | 51.2 | 0.0 | 99.52 |
| 5145 | 11.0-52.0- 0.0 | 11.6 | 52.9 | 0.0 | 102.38 |
| 3032 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 |
| 4772 | 18.0-46.0- 0.0 | 17.6 | 45.9 | 0.0 | 99.22 |
| 2172** | 21.0- 0.0- 0.0 | 21.1 | 0.0 | 0.0 | 100.48 |
| 3512 | 33.5- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 100.90 |
| 4279 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3338 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 3339 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| 3926 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| 4280 | 34.0- 0.0- 0.0 | 33.6 | 0.0 | 0.0 | 98.82 |
| 5210 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 5211 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 5213 | 34.0- 0.0- 0.0 | 33.5 | 0.0 | 0.0 | 98.53 |
| 2972 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | | 32 - SMPLS | MISBRANDED | 0 - | 100.64 |
| MFA AGRI SERVICES | | MILAN, MO | | | |
| 3485 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.17 |
| MFA AGRI SERVICES | | SHERIDAN, MO | | | |
| 5023 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 5027 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 5039 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 5040 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 4848 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 4849 | 34.0- 0.0- 0.0 | 33.9 | 0.0 | 0.0 | 99.71 |
| 4851 | 34.0- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 100.88 |
| 4161 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| #TOTALS - NO. SAMPLES | | 8 - SMPLS | MISBRANDED | 0 - | 100.93 |
| MFA PLANT FOODS | | PALMYRA, MO | | | |
| 2130 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2131 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2134 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2135 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.6 | 102.67 |
| 2325 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2329 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2330 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 2541 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 2544 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2548 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2549 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2870 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 3093 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 3305 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 3306 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 3307 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 3308 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 3896 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.0 | 100.00 |
| 4473 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 4817 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 4818 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 5268 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 2346 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.2 | 100.32 |
| 2352 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 61.9 | 99.84 |
| 2095 | 11.0-52.0- 0.0 | 11.5 | 52.3 | 0.0 | 101.27 |
| 2240 | 11.0-52.0- 0.0 | 11.5 | 52.1 | 0.0 | 100.95 |
| 2242 | 11.0-52.0- 0.0 | 11.5 | 52.2 | 0.0 | 101.11 |
| 2467 | 11.0-52.0- 0.0 | 11.5 | 51.8 | 0.0 | 100.48 |
| 2472 | 11.0-52.0- 0.0 | 11.4 | 51.8 | 0.0 | 100.32 |
| 3209 | 11.0-52.0- 0.0 | 11.5 | 52.1 | 0.0 | 100.95 |
| 4207 | 11.0-52.0- 0.0 | 11.1 | 52.6 | 0.0 | 101.11 |
| 4380 | 11.0-52.0- 0.0 | 11.8 | 52.2 | 0.0 | 101.59 |
| 4381 | 11.0-52.0- 0.0 | 11.4 | 52.1 | 0.0 | 100.79 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--|----------------|-------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA PLANT FOODS | | PALMYRA, MO | | | |
| 4382 | 11.0-52.0- 0.0 | 11.8 | 52.7 | 0.0 | 102.38 |
| 2849** | 12.0-40.0- 0.0 | 12.0 | 42.5 | 0.0 | 104.81 |
| 3849** | 12.0-40.0- 0.0 | 11.8 | 42.6 | 0.0 | 104.62 |
| 4221** | 12.0-40.0- 0.0 | 12.0 | 42.0 | 0.0 | 103.85 |
| 2109 | 18.0-46.0- 0.0 | 17.8 | 45.9 | 0.0 | 99.53 |
| 2487 | 18.0-46.0- 0.0 | 18.0 | 45.1 | 0.0 | 98.59 |
| 2828 | 18.0-46.0- 0.0 | 18.0 | 46.0 | 0.0 | 100.00 |
| 2829 | 18.0-46.0- 0.0 | 18.1 | 46.3 | 0.0 | 100.63 |
| 3225 | 18.0-46.0- 0.0 | 18.3 | 46.4 | 0.0 | 101.09 |
| 4389 | 18.0-46.0- 0.0 | 18.2 | 46.0 | 0.0 | 100.31 |
| 4391 | 18.0-46.0- 0.0 | 17.7 | 46.3 | 0.0 | 100.00 |
| 4392 | 18.0-46.0- 0.0 | 18.2 | 46.3 | 0.0 | 100.78 |
| 4393 | 18.0-46.0- 0.0 | 17.7 | 46.5 | 0.0 | 100.31 |
| 4394 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 |
| 4770 | 18.0-46.0- 0.0 | 18.0 | 45.8 | 0.0 | 99.69 |
| 5162 | 18.0-46.0- 0.0 | 17.7 | 46.1 | 0.0 | 99.69 |
| 5255 | 18.0-46.0- 0.0 | 17.7 | 45.9 | 0.0 | 99.38 |
| 2916 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 |
| 2071 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2075 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2076 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2077 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2195 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2413 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2416 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2651 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2784 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4163 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4305 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4307 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4308 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4310 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5235 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 5236 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES 155 - SMPLS MISBRANDED 1 - | | | | | 101.24 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------|---------------|--------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA PLANT FOODS | | COLUMBIA, MO | | | |
| 2410** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| 2411** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| 4151** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| 2299** | 0.0- 0.0-21.0 | 0.0 | 0.0 | 23.2 | 110.48 |
| 2531** | 0.0- 0.0-21.0 | 0.0 | 0.0 | 21.6 | 102.86 |
| 2860** | 0.0- 0.0-21.7 | 0.0 | 0.0 | 21.5 | 99.08 |
| 3075** | 0.0- 0.0-21.0 | 0.0 | 0.0 | 21.7 | 103.33 |
| 3467** | 0.0- 0.0-22.0 | 0.0 | 0.0 | 21.5 | 97.73 |
| 2122 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.4 | 104.00 |
| 2124 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2300 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2302 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2303 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 2323 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 2334 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2335 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2336 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2339 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 2341 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 2344 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 2345 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 2533 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 2534 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 2535 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.9 | 99.83 |
| 2536 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 2538 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2539 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.6 | 102.67 |
| 2540 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 2552 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2571 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2572 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 2573 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.0 | 103.33 |
| 2723 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------|---------------|--------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA PLANT FOODS | | COLUMBIA, MO | | | |
| 2733 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2734 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2735 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2737 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 2863 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2867 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2881 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2882 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.0 | 103.33 |
| 2883 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2884 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2886 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2887 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2888 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2889 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 3080 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 3081 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 3082 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 3086 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 3087 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3088 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 3092 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.6 | 99.33 |
| 3100 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 3102 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 3304 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 3309 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3470 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 3471 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 3479 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3480 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 3483 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 3486 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.1 | 100.17 |
| 3666 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 3668 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 3677 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 3681 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 3882 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 3883 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3891 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 3894 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.0 | 100.00 |
| 4100 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 4105 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 4110 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.5 | 99.17 |
| 4111 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 4117 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 4264 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 4267 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 4475 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.0 | 100.00 |
| 4477 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.7 | 99.50 |
| 4480 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 4481 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 4483 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 4635 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 4636 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 4816 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 4825 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 4826 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 4827 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 5030 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 5032 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 5033 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 5189 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 5191 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 5267 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 5300 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 5301 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 5302 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 5364 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2574 | 0.0- 0.0-61.0 | 0.0 | 0.0 | 60.2 | 98.69 |
| 3312 | 0.0- 0.0-61.0 | 0.0 | 0.0 | 61.0 | 100.00 |
| 4269 | 0.0- 0.0-61.0 | 0.0 | 0.0 | 60.8 | 99.67 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA PLANT FOODS | | | | | |
| 5197 | 0.0- 0.0-61.0 | 0.0 | 0.0 | 60.8 | 99.67 |
| 5365 | 0.0- 0.0-61.0 | 0.0 | 0.0 | 60.7 | 99.51 |
| 2140 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.9 | 101.45 |
| 2142 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 2143 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 2145 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 2147 | 0.0- 0.0-62.2 | 0.0 | 0.0 | 62.8 | 100.96 |
| 2148 | 0.0- 0.0-62.2 | 0.0 | 0.0 | 62.6 | 100.64 |
| 2347 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.9 | 101.45 |
| 2359 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 2360 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 2586 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.0 | 100.00 |
| 2588 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 3103 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 3104 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 3105 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 3317 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 3492 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 61.9 | 99.84 |
| 3497 | 0.0- 0.0-62.3 | 0.0 | 0.0 | 62.4 | 100.16 |
| 3498 | 0.0- 0.0-62.3 | 0.0 | 0.0 | 62.3 | 100.00 |
| 4270 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 4271 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 4639 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.2 | 100.32 |
| 4648 | 0.0- 0.0-62.3 | 0.0 | 0.0 | 62.7 | 100.64 |
| 4649 | 0.0- 0.0-62.3 | 0.0 | 0.0 | 62.8 | 100.80 |
| 4834 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 5041 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.9 | 101.45 |
| 5046 | 0.0- 0.0-62.2 | 0.0 | 0.0 | 62.3 | 100.16 |
| 5271 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.4 | 100.65 |
| 5304 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 2298 | 0.0-46.0- 0.0 | 0.0 | 46.9 | 0.0 | 101.96 |
| 2523 | 0.0-46.0- 0.0 | 0.0 | 45.8 | 0.0 | 99.57 |
| 2857 | 0.0-46.0- 0.0 | 0.0 | 46.2 | 0.0 | 100.43 |
| 3050 | 0.0-46.0- 0.0 | 0.0 | 45.7 | 0.0 | 99.35 |
| 3850 | 0.0-46.0- 0.0 | 0.0 | 45.9 | 0.0 | 99.78 |
| 4786 | 0.0-46.0- 0.0 | 0.0 | 44.5 | 0.0 | 96.74* |
| 5002 | 0.0-46.0- 0.0 | 0.0 | 46.9 | 0.0 | 101.96 |
| 5003 | 0.0-46.0- 0.0 | 0.0 | 47.0 | 0.0 | 102.17 |
| 4997** | 10.0-40.0- 0.0 | 11.8 | 42.3 | 0.0 | 108.20 |
| 2087 | 11.0-52.0- 0.0 | 11.4 | 52.0 | 0.0 | 100.63 |
| 2088 | 11.0-52.0- 0.0 | 12.1 | 52.2 | 0.0 | 102.06 |
| 2089 | 11.0-52.0- 0.0 | 11.7 | 53.0 | 0.0 | 102.70 |
| 2090 | 11.0-52.0- 0.0 | 12.0 | 52.3 | 0.0 | 102.06 |
| 2092 | 11.0-52.0- 0.0 | 12.0 | 52.6 | 0.0 | 102.54 |
| 2093 | 11.0-52.0- 0.0 | 12.4 | 52.1 | 0.0 | 102.38 |
| 2098 | 11.0-52.0- 0.0 | 12.4 | 52.3 | 0.0 | 102.70 |
| 2235 | 11.0-52.0- 0.0 | 11.2 | 50.4 | 0.0 | 97.78 |
| 2243 | 11.0-52.0- 0.0 | 12.5 | 52.0 | 0.0 | 102.38 |
| 2245 | 11.0-52.0- 0.0 | 11.7 | 52.1 | 0.0 | 101.27 |
| 2246 | 11.0-52.0- 0.0 | 12.2 | 52.3 | 0.0 | 102.38 |
| 2251 | 11.0-52.0- 0.0 | 11.9 | 52.3 | 0.0 | 101.90 |
| 2252 | 11.0-52.0- 0.0 | 12.0 | 52.7 | 0.0 | 102.70 |
| 2466 | 11.0-52.0- 0.0 | 11.8 | 51.7 | 0.0 | 100.79 |
| 2477 | 11.0-52.0- 0.0 | 12.3 | 52.0 | 0.0 | 102.06 |
| 2479 | 11.0-52.0- 0.0 | 12.0 | 51.8 | 0.0 | 101.27 |
| 2681 | 11.0-52.0- 0.0 | 10.4 | 51.9 | 0.0 | 98.89 |
| 2682 | 11.0-52.0- 0.0 | 10.3 | 52.1 | 0.0 | 99.05 |
| 2684 | 11.0-52.0- 0.0 | 10.7 | 51.0 | 0.0 | 97.94 |
| 2685 | 11.0-52.0- 0.0 | 12.3 | 52.2 | 0.0 | 102.38 |
| 2816 | 11.0-52.0- 0.0 | 12.5 | 52.2 | 0.0 | 102.70 |
| 2817 | 11.0-52.0- 0.0 | 12.5 | 52.3 | 0.0 | 102.86 |
| 2819 | 11.0-52.0- 0.0 | 11.4 | 53.0 | 0.0 | 102.22 |
| 3004 | 11.0-52.0- 0.0 | 12.0 | 52.4 | 0.0 | 102.22 |
| 3005 | 11.0-52.0- 0.0 | 11.0 | 52.3 | 0.0 | 100.48 |
| 3009 | 11.0-52.0- 0.0 | 12.3 | 52.1 | 0.0 | 102.22 |
| 3012 | 11.0-52.0- 0.0 | 11.8 | 52.5 | 0.0 | 102.06 |
| 3013 | 11.0-52.0- 0.0 | 11.5 | 52.3 | 0.0 | 101.27 |
| 3210 | 11.0-52.0- 0.0 | 12.3 | 52.2 | 0.0 | 102.38 |
| 3403 | 11.0-52.0- 0.0 | 12.1 | 52.0 | 0.0 | 101.75 |
| 3404 | 11.0-52.0- 0.0 | 12.2 | 52.1 | 0.0 | 102.06 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA PLANT FOODS | | | | | |
| 3405 | 11.0-52.0- 0.0 | 12.1 | 52.0 | 0.0 | 101.75 |
| 3599 | 11.0-52.0- 0.0 | 11.5 | 52.0 | 0.0 | 100.79 |
| 3601 | 11.0-52.0- 0.0 | 11.2 | 53.0 | 0.0 | 101.90 |
| 3602 | 11.0-52.0- 0.0 | 11.2 | 52.4 | 0.0 | 100.95 |
| 3605 | 11.0-52.0- 0.0 | 12.6 | 51.8 | 0.0 | 102.22 |
| 3606 | 11.0-52.0- 0.0 | 12.3 | 52.3 | 0.0 | 102.54 |
| 4013 | 11.0-52.0- 0.0 | 12.2 | 51.6 | 0.0 | 101.27 |
| 4017 | 11.0-52.0- 0.0 | 11.5 | 51.3 | 0.0 | 99.68 |
| 4020 | 11.0-52.0- 0.0 | 12.3 | 51.8 | 0.0 | 101.75 |
| 4022 | 11.0-52.0- 0.0 | 11.8 | 52.0 | 0.0 | 101.27 |
| 4210 | 11.0-52.0- 0.0 | 12.2 | 52.1 | 0.0 | 102.06 |
| 4383 | 11.0-52.0- 0.0 | 11.5 | 51.2 | 0.0 | 99.52 |
| 4384 | 11.0-52.0- 0.0 | 11.5 | 51.7 | 0.0 | 100.32 |
| 4386 | 11.0-52.0- 0.0 | 12.5 | 51.8 | 0.0 | 102.06 |
| 4592 | 11.0-52.0- 0.0 | 11.5 | 51.1 | 0.0 | 99.37 |
| 4764 | 11.0-52.0- 0.0 | 11.9 | 52.0 | 0.0 | 101.43 |
| 4976 | 11.0-52.0- 0.0 | 11.5 | 52.0 | 0.0 | 100.79 |
| 4977 | 11.0-52.0- 0.0 | 11.7 | 51.9 | 0.0 | 100.95 |
| 4979 | 11.0-52.0- 0.0 | 11.1 | 50.0 | 0.0 | 96.98* |
| 4981 | 11.0-52.0- 0.0 | 11.6 | 52.4 | 0.0 | 101.59 |
| 4983 | 11.0-52.0- 0.0 | 11.5 | 52.4 | 0.0 | 101.43 |
| 4984 | 11.0-52.0- 0.0 | 11.0 | 53.1 | 0.0 | 101.75 |
| 5245 | 11.0-52.0- 0.0 | 11.3 | 52.4 | 0.0 | 101.11 |
| 5296 | 11.0-52.0- 0.0 | 11.5 | 52.1 | 0.0 | 100.95 |
| 5333 | 11.0-52.0- 0.0 | 11.2 | 52.6 | 0.0 | 101.27 |
| 2117** | 12.0-40.0- 0.0 | 11.9 | 42.6 | 0.0 | 104.81 |
| 2118** | 12.0-40.0- 0.0 | 11.9 | 42.6 | 0.0 | 104.81 |
| 2120** | 12.0-40.0- 0.0 | 12.2 | 42.0 | 0.0 | 104.23 |
| 2292** | 12.0-40.0- 0.0 | 12.1 | 42.9 | 0.0 | 105.77 |
| 2296** | 12.0-40.0- 0.0 | 11.9 | 43.1 | 0.0 | 105.77 |
| 2519** | 12.0-40.0- 0.0 | 12.2 | 42.1 | 0.0 | 104.42 |
| 2703** | 12.0-40.0- 0.0 | 12.0 | 42.5 | 0.0 | 104.81 |
| 2704** | 12.0-40.0- 0.0 | 11.9 | 42.9 | 0.0 | 105.38 |
| 2848** | 12.0-40.0- 0.0 | 12.1 | 42.0 | 0.0 | 104.04 |
| 2854** | 12.0-40.0- 0.0 | 12.1 | 41.8 | 0.0 | 103.65 |
| 3042** | 12.0-40.0- 0.0 | 11.9 | 42.7 | 0.0 | 105.00 |
| 3043** | 12.0-40.0- 0.0 | 12.0 | 42.2 | 0.0 | 104.23 |
| 3044** | 12.0-40.0- 0.0 | 12.0 | 42.4 | 0.0 | 104.62 |
| 3629** | 12.0-40.0- 0.0 | 12.1 | 42.4 | 0.0 | 104.81 |
| 3630** | 12.0-40.0- 0.0 | 12.1 | 41.9 | 0.0 | 103.85 |
| 3847** | 12.0-40.0- 0.0 | 11.8 | 41.9 | 0.0 | 103.27 |
| 4040** | 12.0-40.0- 0.0 | 12.0 | 41.4 | 0.0 | 102.69 |
| 4222** | 12.0-40.0- 0.0 | 12.1 | 41.6 | 0.0 | 103.27 |
| 4405** | 12.0-40.0- 0.0 | 12.1 | 41.9 | 0.0 | 103.85 |
| 4785** | 12.0-40.0- 0.0 | 11.8 | 42.0 | 0.0 | 103.46 |
| 5298** | 12.0-40.0- 0.0 | 11.9 | 42.0 | 0.0 | 103.65 |
| 2099 | 18.0-46.0- 0.0 | 18.1 | 46.3 | 0.0 | 100.63 |
| 2100 | 18.0-46.0- 0.0 | 18.0 | 46.0 | 0.0 | 100.00 |
| 2104 | 18.0-46.0- 0.0 | 18.2 | 46.2 | 0.0 | 100.63 |
| 2105 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 2107 | 18.0-46.0- 0.0 | 18.1 | 46.3 | 0.0 | 100.63 |
| 2112 | 18.0-46.0- 0.0 | 18.2 | 46.1 | 0.0 | 100.47 |
| 2114 | 18.0-46.0- 0.0 | 18.3 | 46.1 | 0.0 | 100.63 |
| 2115 | 18.0-46.0- 0.0 | 18.1 | 46.1 | 0.0 | 100.31 |
| 2253 | 18.0-46.0- 0.0 | 18.4 | 46.8 | 0.0 | 101.88 |
| 2254 | 18.0-46.0- 0.0 | 18.2 | 46.7 | 0.0 | 101.41 |
| 2256 | 18.0-46.0- 0.0 | 18.1 | 46.1 | 0.0 | 100.31 |
| 2276 | 18.0-46.0- 0.0 | 18.0 | 46.4 | 0.0 | 100.63 |
| 2278 | 18.0-46.0- 0.0 | 18.2 | 46.8 | 0.0 | 101.56 |
| 2279 | 18.0-46.0- 0.0 | 17.9 | 46.6 | 0.0 | 100.78 |
| 2281 | 18.0-46.0- 0.0 | 18.3 | 46.8 | 0.0 | 101.72 |
| 2288 | 18.0-46.0- 0.0 | 18.2 | 46.9 | 0.0 | 101.72 |
| 2289 | 18.0-46.0- 0.0 | 18.3 | 46.9 | 0.0 | 101.88 |
| 2290 | 18.0-46.0- 0.0 | 18.5 | 46.4 | 0.0 | 101.41 |
| 2480 | 18.0-46.0- 0.0 | 18.1 | 45.6 | 0.0 | 99.53 |
| 2481 | 18.0-46.0- 0.0 | 18.1 | 45.5 | 0.0 | 99.38 |
| 2484 | 18.0-46.0- 0.0 | 18.0 | 45.7 | 0.0 | 99.53 |
| 2485 | 18.0-46.0- 0.0 | 18.6 | 46.0 | 0.0 | 100.94 |
| 2496 | 18.0-46.0- 0.0 | 18.6 | 46.2 | 0.0 | 101.25 |
| 2499 | 18.0-46.0- 0.0 | 18.2 | 46.5 | 0.0 | 101.09 |

BULK DRY FERTILIZER

| MANUFACTURER | | | % FOUND | | | % Relative Value |
|-----------------|----------------|----------|-------------------------------|--------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | | |
| MFA PLANT FOODS | | | | | | |
| COLUMBIA, MO | | | | | | |
| 2500 | 18.0-46.0- 0.0 | 18.3 | 46.4 | 0.0 | 101.09 | |
| 2515 | 18.0-46.0- 0.0 | 18.1 | 46.0 | 0.0 | 100.16 | |
| 2517 | 18.0-46.0- 0.0 | 18.4 | 46.3 | 0.0 | 101.09 | |
| 2518 | 18.0-46.0- 0.0 | 18.0 | 45.7 | 0.0 | 99.53 | |
| 2687 | 18.0-46.0- 0.0 | 18.2 | 46.4 | 0.0 | 100.94 | |
| 2698 | 18.0-46.0- 0.0 | 18.2 | 46.2 | 0.0 | 100.63 | |
| 2699 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 | |
| 2701 | 18.0-46.0- 0.0 | 18.6 | 47.1 | 0.0 | 102.66 | |
| 2822 | 18.0-46.0- 0.0 | 17.9 | 46.4 | 0.0 | 100.47 | |
| 2826 | 18.0-46.0- 0.0 | 18.4 | 46.9 | 0.0 | 102.03 | |
| 2836 | 18.0-46.0- 0.0 | 18.1 | 46.5 | 0.0 | 100.94 | |
| 2838 | 18.0-46.0- 0.0 | 17.9 | 46.5 | 0.0 | 100.63 | |
| 2840 | 18.0-46.0- 0.0 | 18.2 | 46.4 | 0.0 | 100.94 | |
| 2841 | 18.0-46.0- 0.0 | 18.2 | 46.4 | 0.0 | 100.94 | |
| 2842 | 18.0-46.0- 0.0 | 18.0 | 46.6 | 0.0 | 100.94 | |
| 2844 | 18.0-46.0- 0.0 | 18.3 | 46.8 | 0.0 | 101.72 | |
| 2845 | 18.0-46.0- 0.0 | 17.9 | 46.9 | 0.0 | 101.25 | |
| 2846 | 18.0-46.0- 0.0 | 18.0 | 46.8 | 0.0 | 101.25 | |
| 2847 | 18.0-46.0- 0.0 | 18.0 | 46.6 | 0.0 | 100.94 | |
| 3016 | 18.0-46.0- 0.0 | 18.0 | 46.3 | 0.0 | 100.47 | |
| 3017 | 18.0-46.0- 0.0 | 17.6 | 45.5 | 0.0 | 98.59 | |
| 3021 | 18.0-46.0- 0.0 | 18.3 | 46.5 | 0.0 | 101.25 | |
| 3022 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 | |
| 3028 | 18.0-46.0- 0.0 | 18.3 | 46.6 | 0.0 | 101.41 | |
| 3033 | 18.0-46.0- 0.0 | 18.4 | 46.9 | 0.0 | 102.03 | |
| 3034 | 18.0-46.0- 0.0 | 18.2 | 46.8 | 0.0 | 101.56 | |
| 3035 | 18.0-46.0- 0.0 | 18.3 | 46.7 | 0.0 | 101.56 | |
| 3040 | 18.0-46.0- 0.0 | 17.9 | 46.6 | 0.0 | 100.78 | |
| 3228 | 18.0-46.0- 0.0 | 18.1 | 46.7 | 0.0 | 101.25 | |
| 3231 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 | |
| 3415 | 18.0-46.0- 0.0 | 18.0 | 46.2 | 0.0 | 100.31 | |
| 3428 | 18.0-46.0- 0.0 | 18.2 | 46.3 | 0.0 | 100.78 | |
| 3608 | 18.0-46.0- 0.0 | 18.4 | 46.5 | 0.0 | 101.41 | |
| 3609 | 18.0-46.0- 0.0 | 18.1 | 46.2 | 0.0 | 100.47 | |
| 3624 | 18.0-46.0- 0.0 | 17.6 | 46.1 | 0.0 | 99.53 | |
| 3823 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 | |
| 3832 | 18.0-46.0- 0.0 | 17.8 | 45.6 | 0.0 | 99.06 | |
| 3840 | 18.0-46.0- 0.0 | 17.8 | 45.5 | 0.0 | 98.91 | |
| 3843 | 18.0-46.0- 0.0 | 18.0 | 46.2 | 0.0 | 100.31 | |
| 4027 | 18.0-46.0- 0.0 | 17.8 | 45.6 | 0.0 | 99.06 | |
| 4030 | 18.0-46.0- 0.0 | 17.8 | 45.5 | 0.0 | 98.91 | |
| 4032 | 18.0-46.0- 0.0 | 18.0 | 45.9 | 0.0 | 99.84 | |
| 4212 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 | |
| 4215 | 18.0-46.0- 0.0 | 17.8 | 45.9 | 0.0 | 99.53 | |
| 4220 | 18.0-46.0- 0.0 | 18.3 | 46.1 | 0.0 | 100.63 | |
| 4398 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 | |
| 4401 | 18.0-46.0- 0.0 | 17.6 | 46.2 | 0.0 | 99.69 | |
| 4402 | 18.0-46.0- 0.0 | 18.0 | 46.5 | 0.0 | 100.78 | |
| 4604 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 | |
| 4608 | 18.0-46.0- 0.0 | 18.4 | 46.9 | 0.0 | 102.03 | |
| 4609 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 | |
| 4615 | 18.0-46.0- 0.0 | 18.1 | 46.4 | 0.0 | 100.78 | |
| 4616 | 18.0-46.0- 0.0 | 18.1 | 46.3 | 0.0 | 100.63 | |
| 4782 | 18.0-46.0- 0.0 | 17.7 | 45.9 | 0.0 | 99.38 | |
| 4986 | 18.0-46.0- 0.0 | 17.4 | 45.9 | 0.0 | 98.91 | |
| 4990 | 18.0-46.0- 0.0 | 17.6 | 45.7 | 0.0 | 98.91 | |
| 4991 | 18.0-46.0- 0.0 | 17.6 | 45.9 | 0.0 | 99.22 | |
| 4993 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 | |
| 5150 | 18.0-46.0- 0.0 | 17.7 | 45.9 | 0.0 | 99.38 | |
| 5152 | 18.0-46.0- 0.0 | 17.6 | 46.1 | 0.0 | 99.53 | |
| 5154 | 18.0-46.0- 0.0 | 17.5 | 46.0 | 0.0 | 99.22 | |
| 5155 | 18.0-46.0- 0.0 | 17.6 | 46.3 | 0.0 | 99.84 | |
| 5297 | 18.0-46.0- 0.0 | 17.9 | 45.9 | 0.0 | 99.69 | |
| 5334 | 18.0-46.0- 0.0 | 17.8 | 46.7 | 0.0 | 100.78 | |
| 5336 | 18.0-46.0- 0.0 | 17.5 | 45.9 | 0.0 | 99.06 | |
| 2929** | 20.5- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 104.39 | |
| 2173** | 21.0- 0.0- 0.0 | 21.1 | 0.0 | 0.0 | 100.48 | |
| 2407** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 | |
| 2641** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 | |
| 2934** | 21.0- 0.0- 0.0 | 20.5 | 0.0 | 0.0 | 97.62 | |

| MANUFACTURER | | | % FOUND | | | % Relative Value |
|-----------------|----------------|----------|-------------------------------|--------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | | |
| MFA PLANT FOODS | | | | | | |
| COLUMBIA, MO | | | | | | |
| 3140** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 | |
| 3549** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 | |
| 3694** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 | |
| 4285** | 21.0- 0.0- 0.0 | 21.7 | 0.0 | 0.0 | 103.33 | |
| 4684** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 | |
| 4686** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 | |
| 2150 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 | |
| 2151 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 | |
| 2374 | 33.5- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 100.60 | |
| 2590 | 33.5- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 101.49 | |
| 3112 | 33.5- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 101.49 | |
| 3117 | 33.5- 0.0- 0.0 | 34.2 | 0.0 | 0.0 | 102.09 | |
| 3118 | 33.5- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 101.49 | |
| 4668 | 33.5- 0.0- 0.0 | 33.9 | 0.0 | 0.0 | 101.19 | |
| 2154 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2155 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2156 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 2157 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2158 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2159 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 2379 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2380 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2386 | 34.0- 0.0- 0.0 | 33.5 | 0.0 | 0.0 | 98.53 | |
| 2391 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 2392 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2393 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 2394 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 2595 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2596 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2597 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2598 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 2599 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2600 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 | |
| 2601 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 2607 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2617 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 | |
| 2619 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 2622 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2623 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2746 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2750 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 2751 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2752 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 2753 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 2754 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2755 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 2756 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2757 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 2758 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 | |
| 2761 | 34.0- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 100.88 | |
| 2762 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 2764 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 | |
| 2765 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 | |
| 2918 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 2919 | 34.0- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 100.88 | |
| 2920 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 2927 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 | |
| 3123 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 3124 | 34.0- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 100.88 | |
| 3129 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 3137 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 3138 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 3139 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 3329 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 3330 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 3332 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 3333 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 | |
| 3334 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 3335 | 34.0- 0.0- 0.0 | 35.2 | 0.0 | 0.0 | 103.53 | |
| 3336 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 | |

BULK DRY FERTILIZER

| MANUFACTURER | | | % FOUND | | | % Relative Value |
|-----------------|----------------|----------|-------------------------------|--------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | | |
| MFA PLANT FOODS | | | COLUMBIA, MO | | | |
| 3341 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 | |
| 3342 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 | |
| 3539 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 3544 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 3545 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 3923 | 34.0- 0.0- 0.0 | 33.5 | 0.0 | 0.0 | 98.53 | |
| 3924 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 3927 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 3928 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 3929 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 3930 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 4140 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 | |
| 4144 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 | |
| 4502 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 | |
| 4507 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 4508 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 4509 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 4510 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 4511 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 4512 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 | |
| 4513 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 | |
| 4514 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 4515 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 4516 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 | |
| 4517 | 34.0- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 102.65 | |
| 4518 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 4519 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 4682 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 4683 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 | |
| 5062 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 | |
| 5208 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 | |
| 5305 | 34.0- 0.0- 0.0 | 33.2 | 0.0 | 0.0 | 97.65 | |
| 2800 | 44.0- 0.0- 0.0 | 45.3 | 0.0 | 0.0 | 102.95 | |
| 3741 | 44.0- 0.0- 0.0 | 45.2 | 0.0 | 0.0 | 102.73 | |
| 3963 | 44.0- 0.0- 0.0 | 45.4 | 0.0 | 0.0 | 103.18 | |
| 2050 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 | |
| 2054 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2055 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2057 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2058 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2059 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2061 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2062 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2063 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2065 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2067 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2068 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2070 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2079 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2080 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2084 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2085 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2086 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2176 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2177 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2178 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2179 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2180 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2190 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2191 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2193 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2197 | 46.0- 0.0- 0.0 | 46.1 | 0.0 | 0.0 | 100.22 | |
| 2198 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2205 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2206 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2207 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2208 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2210 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2211 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2212 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |

| MANUFACTURER | | | % FOUND | | | % Relative Value |
|-----------------|----------------|----------|-------------------------------|--------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | | |
| MFA PLANT FOODS | | | COLUMBIA, MO | | | |
| 2213 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2214 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2219 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2221 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2222 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2414 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2415 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2417 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2424 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2427 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2428 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2429 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2430 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2433 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2434 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2435 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2436 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2438 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2457 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2458 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2648 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2649 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 2665 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2666 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2667 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2669 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2670 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2777 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2782 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2792 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2795 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2796 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2799 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 2948 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2949 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2950 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 2951 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2954 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2955 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2956 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2957 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2958 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2959 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 | |
| 2960 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 2962 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 | |
| 2963 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 | |
| 2967 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 3171 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 3180 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 3181 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 3364 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 3367 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 3370 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 3373 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 3375 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 3376 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 3560 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 | |
| 3561 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 3570 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 3574 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |
| 3711 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 | |
| 3712 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 3723 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 3728 | 46.0- 0.0- 0.0 | 45.8 | 0.0 | 0.0 | 99.57 | |
| 3737 | 46.0- 0.0- 0.0 | 46.0 | 0.0 | 0.0 | 100.00 | |
| 3938 | 46.0- 0.0- 0.0 | 46.0 | 0.0 | 0.0 | 100.00 | |
| 3943 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 | |
| 3947 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 | |
| 3948 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 | |
| 3951 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 | |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------------|----------------|--------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA PLANT FOODS | | COLUMBIA, MO | | | |
| 3952 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3955 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3960 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3961 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4160 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4162 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4167 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4169 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4172 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4313 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4316 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4320 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4324 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4330 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4332 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4533 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4534 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 4535 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4541 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4543 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4545 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4546 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4558 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4559 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 4563 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 4697 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4698 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4700 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4701 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4702 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4704 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4708 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4713 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4887 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4890 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4891 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4893 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4897 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4899 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5081 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5084 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 5095 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 5230 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5232 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5285 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 5286 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5287 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| #TOTALS - NO. SAMPLES | | 985 | - SMPLS MISBRANDED | 4 | - 101.24 |
| MFA RIVER TERMINAL | | CARUTHERSVILLE, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 | - SMPLS MISBRANDED | 0 | - 99.21 |
| MFA PLANT FOODS | | HAYTI, MO | | | |
| 2314 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 2315 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2319 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2320 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2561 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2729 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 2874 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 2877 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 2878 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2879 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 3096 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 5264 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.5 | 99.17 |
| 2526 | 0.0-45.0- 0.0 | 0.0 | 46.8 | 0.0 | 104.00 |
| 2707 | 0.0-46.0- 0.0 | 0.0 | 47.2 | 0.0 | 102.61 |
| 2709 | 0.0-46.0- 0.0 | 0.0 | 45.8 | 0.0 | 99.57 |
| 3048 | 0.0-46.0- 0.0 | 0.0 | 46.3 | 0.0 | 100.65 |
| 2266 | 18.0-46.0- 0.0 | 17.7 | 46.1 | 0.0 | 99.69 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---------------------------|----------------|--------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA PLANT FOODS | | HAYTI, MO | | | |
| 2268 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 2269 | 18.0-46.0- 0.0 | 17.8 | 46.4 | 0.0 | 100.31 |
| 2271 | 18.0-46.0- 0.0 | 17.8 | 46.4 | 0.0 | 100.31 |
| 2272 | 18.0-46.0- 0.0 | 18.0 | 46.6 | 0.0 | 100.94 |
| 2511 | 18.0-46.0- 0.0 | 18.0 | 45.8 | 0.0 | 99.69 |
| 2692 | 18.0-46.0- 0.0 | 17.9 | 46.0 | 0.0 | 99.84 |
| 2832 | 18.0-46.0- 0.0 | 17.7 | 46.1 | 0.0 | 99.69 |
| 2833 | 18.0-46.0- 0.0 | 17.9 | 46.4 | 0.0 | 100.47 |
| 2835 | 18.0-46.0- 0.0 | 17.8 | 46.3 | 0.0 | 100.16 |
| 3036 | 18.0-46.0- 0.0 | 17.9 | 46.5 | 0.0 | 100.63 |
| 5249 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 2402** | 21.0- 0.0- 0.0 | 21.1 | 0.0 | 0.0 | 100.48 |
| 2632** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 2932** | 21.0- 0.0- 0.0 | 21.1 | 0.0 | 0.0 | 100.48 |
| 2933** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 3147** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 5214** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 5215** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 2187 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2188 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2445 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2446 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 2657 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2658 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2662 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2787 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2788 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 2789 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 2978 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2981 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 5077 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5078 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5079 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5225 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 5227 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES | | 95 | - SMPLS MISBRANDED | 1 | - 100.70 |
| MIDWEST AGRI-CHEMICO, INC | | CAPE GIRARDEAU, MO | | | |
| 3076** | 0.0- 0.0-21.5 | 0.0 | 0.0 | 22.4 | 104.19 |
| 2123 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 2125 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2126 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.3 | 103.83 |
| 2307 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2308 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 2332 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2556 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2558 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2873 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2875 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 2876 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.5 | 102.50 |
| 3078 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 3097 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 3098 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3099 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3296 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.0 | 100.00 |
| 3299 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.1 | 103.50 |
| 3301 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 3303 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 3310 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 3311 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.1 | 103.50 |
| 3472 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.5 | 102.50 |
| 3474 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.8 | 103.00 |
| 3476 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3478 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.9 | 103.17 |
| 3667 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 3672 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3680 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.1 | 103.50 |
| 3682 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 3683 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.1 | 103.50 |
| 4103 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---------------------------|----------------|--------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MIDWEST AGRI-CHEMICO, INC | | CAPE GIRARDEAU, MO | | | |
| 4476 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.9 | 103.17 |
| 4630 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.0 | 103.33 |
| 5205 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 2297 | 0.0-45.0- 0.0 | 0.0 | 46.6 | 0.0 | 103.56 |
| 3348 | 0.0-45.0- 0.0 | 0.0 | 46.5 | 0.0 | 103.33 |
| 2121 | 0.0-46.0- 0.0 | 0.0 | 45.6 | 0.0 | 99.13 |
| 2524 | 0.0-46.0- 0.0 | 0.0 | 45.7 | 0.0 | 99.35 |
| 2858 | 0.0-46.0- 0.0 | 0.0 | 45.2 | 0.0 | 98.26 |
| 3049 | 0.0-46.0- 0.0 | 0.0 | 46.3 | 0.0 | 100.65 |
| 3349 | 0.0-46.0- 0.0 | 0.0 | 45.8 | 0.0 | 99.57 |
| 3434 | 0.0-46.0- 0.0 | 0.0 | 45.7 | 0.0 | 99.35 |
| 4041 | 0.0-46.0- 0.0 | 0.0 | 46.4 | 0.0 | 100.87 |
| 5001 | 0.0-46.0- 0.0 | 0.0 | 45.9 | 0.0 | 99.78 |
| 3627** | 12.0-40.0- 0.0 | 11.9 | 42.0 | 0.0 | 103.65 |
| 2103 | 18.0-46.0- 0.0 | 18.2 | 46.4 | 0.0 | 100.94 |
| 2508 | 18.0-46.0- 0.0 | 18.2 | 46.2 | 0.0 | 100.63 |
| 3037 | 18.0-46.0- 0.0 | 18.2 | 46.7 | 0.0 | 101.41 |
| 3038 | 18.0-46.0- 0.0 | 18.1 | 46.6 | 0.0 | 101.09 |
| 3039 | 18.0-46.0- 0.0 | 18.1 | 46.7 | 0.0 | 101.25 |
| 3221 | 18.0-46.0- 0.0 | 18.8 | 47.1 | 0.0 | 102.97 |
| 3224 | 18.0-46.0- 0.0 | 18.3 | 46.6 | 0.0 | 101.41 |
| 3350 | 18.0-46.0- 0.0 | 18.0 | 46.3 | 0.0 | 100.47 |
| 3351 | 18.0-46.0- 0.0 | 18.3 | 46.4 | 0.0 | 101.09 |
| 3413 | 18.0-46.0- 0.0 | 18.5 | 47.6 | 0.0 | 103.28 |
| 3414 | 18.0-46.0- 0.0 | 18.5 | 47.6 | 0.0 | 103.28 |
| 3418 | 18.0-46.0- 0.0 | 18.7 | 47.5 | 0.0 | 103.44 |
| 3424 | 18.0-46.0- 0.0 | 18.1 | 46.4 | 0.0 | 100.78 |
| 3426 | 18.0-46.0- 0.0 | 18.1 | 46.5 | 0.0 | 100.94 |
| 3610 | 18.0-46.0- 0.0 | 18.6 | 46.9 | 0.0 | 102.34 |
| 3622 | 18.0-46.0- 0.0 | 18.3 | 47.0 | 0.0 | 102.03 |
| 3623 | 18.0-46.0- 0.0 | 17.4 | 45.8 | 0.0 | 98.75 |
| 3626 | 18.0-46.0- 0.0 | 18.1 | 46.8 | 0.0 | 101.41 |
| 3827 | 18.0-46.0- 0.0 | 18.3 | 46.6 | 0.0 | 101.41 |
| 4024 | 18.0-46.0- 0.0 | 18.1 | 46.1 | 0.0 | 100.31 |
| 4610 | 18.0-46.0- 0.0 | 17.6 | 45.9 | 0.0 | 99.22 |
| 5161 | 18.0-46.0- 0.0 | 17.9 | 46.4 | 0.0 | 100.47 |
| 5253 | 18.0-46.0- 0.0 | 18.4 | 46.5 | 0.0 | 101.41 |
| 3551 | 20.5- 0.0- 0.0 | 20.3 | 0.0 | 0.0 | 99.02 |
| 3936 | 20.5- 0.0- 0.0 | 20.8 | 0.0 | 0.0 | 101.46 |
| 2637** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 2638** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 4147** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 2170** | 27.0- 0.0- 0.0 | 26.5 | 0.0 | 0.0 | 98.15 |
| 4497** | 27.0- 0.0- 0.0 | 26.5 | 0.0 | 0.0 | 98.15 |
| 2375 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 2376 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 2377 | 33.5- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 103.58 |
| 2378 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 2591 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 2592 | 33.5- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 102.69 |
| 2593 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 2594 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 2913 | 33.5- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 103.58 |
| 3115 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3116 | 33.5- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 103.58 |
| 3119 | 33.5- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 102.39 |
| 3120 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3324 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3513 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 3518 | 33.5- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 102.69 |
| 3519 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3520 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3522 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3523 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 3524 | 33.5- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 103.58 |
| 3525 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 3526 | 33.5- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 103.58 |
| 3690 | 33.5- 0.0- 0.0 | 34.9 | 0.0 | 0.0 | 104.18 |
| 4666 | 33.5- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 103.28 |
| 2740 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|--------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MIDWEST AGRI-CHEMICO, INC | | CAPE GIRARDEAU, MO | | | |
| 2914 | 34.0- 0.0- 0.0 | 34.4 | 0.0 | 0.0 | 101.18 |
| 5067 | 34.0- 0.0- 0.0 | 33.3 | 0.0 | 0.0 | 97.94 |
| 5306 | 34.0- 0.0- 0.0 | 33.2 | 0.0 | 0.0 | 97.65 |
| 2051 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2053 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2440 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2443 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2447 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2449 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2452 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2785 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2786 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 2966 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2974 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2975 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2976 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2977 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2979 | 46.0- 0.0- 0.0 | 45.7 | 0.0 | 0.0 | 99.35 |
| 2980 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3161 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3166 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3172 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3173 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3353 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3368 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3563 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3564 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 3572 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3575 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3713 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4317 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4540 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 5092 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | | 246 | SMPLS MISBRANDED 1 - | | 100.74 |
| MIDWEST AGRI-CHEMICO - LOUISIANA | | CAPE GIRARDEAU, MO | | | |
| 2859** | 0.0- 0.0-21.0 | 0.0 | 0.0 | 21.9 | 104.29 |
| 2542 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 2722 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.2 | 103.67 |
| 4259 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2575 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 2893 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 2690 | 18.0-46.0- 0.0 | 18.7 | 46.7 | 0.0 | 102.19 |
| 3412 | 18.0-46.0- 0.0 | 18.5 | 47.5 | 0.0 | 103.13 |
| 3621 | 18.0-46.0- 0.0 | 18.2 | 47.3 | 0.0 | 102.34 |
| 2645 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2646 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3360 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3361 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| #TOTALS - NO. SAMPLES | | 15 | SMPLS MISBRANDED 0 - | | 101.73 |
| MIDWEST FERTILIZER INC | | PAOLA, KS | | | |
| 2861** | 0.0- 0.0-22.0 | 0.0 | 0.0 | 21.9 | 99.55 |
| 2328 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2331 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 3473 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 3669 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 3886 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2282 | 18.0-46.0- 0.0 | 17.8 | 46.5 | 0.0 | 100.47 |
| 3411 | 18.0-46.0- 0.0 | 17.9 | 46.5 | 0.0 | 100.63 |
| 3611 | 18.0-46.0- 0.0 | 18.2 | 46.4 | 0.0 | 100.94 |
| 4775 | 18.0-46.0- 0.0 | 17.9 | 45.8 | 0.0 | 99.53 |
| 4776 | 18.0-46.0- 0.0 | 18.1 | 46.0 | 0.0 | 100.16 |
| 2935** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 2371 | 33.5- 0.0- 0.0 | 33.9 | 0.0 | 0.0 | 101.19 |
| 2372 | 33.5- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 101.49 |
| 2373 | 33.5- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 100.90 |
| 2763 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3533 | 34.0- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 101.47 |
| 3535 | 34.0- 0.0- 0.0 | 34.1 | 0.0 | 0.0 | 100.29 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|------------------------|----------------|-----------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MIDWEST FERTILIZER INC | | PAOLA, KS | | | |
| 3536 | 34.0- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 99.41 |
| 3537 | 34.0- 0.0- 0.0 | 34.6 | 0.0 | 0.0 | 101.76 |
| 3538 | 34.0- 0.0- 0.0 | 33.7 | 0.0 | 0.0 | 99.12 |
| 2199 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2200 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2201 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 2202 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2204 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2793 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3365 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3562 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES | | 50 - SMPLS MISBRANDED | 0 - | | 100.77 |

| | | | | | |
|-----------------------|---------------|----------------------|-----|-----|--------|
| MK MINERALS INC | | WAMEGO, KS | | | |
| 3148** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 100.00 |

| | | | | | |
|----------------------------|----------------|-----------------------|------|------|--------|
| MOSAIC CROP NUTRITION, LLC | | LITHIA, FL | | | |
| 2532** | 0.0- 0.0-22.0 | 0.0 | 0.0 | 21.8 | 99.09 |
| 2557 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 2560 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 2562 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.8 | 103.00 |
| 2563 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.6 | 102.67 |
| 2564 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2565 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 2567 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2568 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 2569 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 2732 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.0 | 101.67 |
| 4632 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 5194 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.4 | 104.00 |
| 5195 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.0 | 103.33 |
| 3315 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 63.0 | 101.61 |
| 3318 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 2293** | 12.0-40.0- 0.0 | 12.1 | 42.6 | 0.0 | 105.19 |
| 2294** | 12.0-40.0- 0.0 | 12.2 | 42.4 | 0.0 | 105.00 |
| 2295** | 12.0-40.0- 0.0 | 12.0 | 42.3 | 0.0 | 104.42 |
| 2521** | 12.0-40.0- 0.0 | 12.2 | 42.4 | 0.0 | 105.00 |
| 2522** | 12.0-40.0- 0.0 | 12.3 | 42.2 | 0.0 | 104.81 |
| 3046 | 12.0-40.0- 0.0 | 12.1 | 43.1 | 0.0 | 106.15 |
| 3235** | 12.0-40.0- 0.0 | 11.9 | 42.9 | 0.0 | 105.38 |
| 3236** | 12.0-40.0- 0.0 | 12.1 | 42.3 | 0.0 | 104.62 |
| 3848** | 12.0-40.0- 0.0 | 11.7 | 42.8 | 0.0 | 104.81 |
| 4039** | 12.0-40.0- 0.0 | 11.9 | 42.2 | 0.0 | 104.04 |
| 4404** | 12.0-40.0- 0.0 | 12.3 | 41.8 | 0.0 | 104.04 |
| 4784** | 12.0-40.0- 0.0 | 11.9 | 42.4 | 0.0 | 104.42 |
| 5000** | 12.0-40.0- 0.0 | 11.8 | 42.5 | 0.0 | 104.42 |
| 5164** | 12.0-40.0- 0.0 | 12.0 | 42.4 | 0.0 | 104.62 |
| 2488 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 2505 | 18.0-46.0- 0.0 | 18.1 | 46.0 | 0.0 | 100.16 |
| 2509 | 18.0-46.0- 0.0 | 17.7 | 45.4 | 0.0 | 98.59 |
| 2697 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 3214 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 3216 | 18.0-46.0- 0.0 | 17.9 | 46.1 | 0.0 | 100.00 |
| 3226 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 |
| 3227 | 18.0-46.0- 0.0 | 17.9 | 46.3 | 0.0 | 100.31 |
| 4217 | 18.0-46.0- 0.0 | 17.9 | 45.8 | 0.0 | 99.53 |
| 4612 | 18.0-46.0- 0.0 | 17.6 | 46.1 | 0.0 | 99.53 |
| #TOTALS - NO. SAMPLES | | 51 - SMPLS MISBRANDED | 0 - | | 102.40 |

| | | | | | |
|----------------------------|----------------|----------------------|------|-----|--------|
| NORTHERN AG SUPPLIERS INC. | | URBANDALE, IA | | | |
| 4018 | 11.0-52.0- 0.0 | 12.0 | 51.9 | 0.0 | 101.43 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 101.43 |

| | | | | | |
|-----------------------|---------------|----------------------|-----|-----|--------|
| NUTRIENTS PLUS LLC | | VIRGINIA BEACH, VA | | | |
| 4066 | 4.0- 3.0- 2.0 | 4.1 | 3.6 | 2.5 | 111.88 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 111.88 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|------------------------|---------------|-----------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| OAKLEY FERTILIZER, INC | | NORTH LITTLE ROCK, AR | | | |
| 4631 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| #TOTALS - NO. SAMPLES | | 10 - SMPLS MISBRANDED | 2 - | | 101.62 |

| | | | | | |
|-----------------------|----------------|-----------------------|------|------|--------|
| OAKLEY MISSOURI, INC | | CARUTHERSVILLE, MO | | | |
| 3298 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 3302 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 3477 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 3897 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.9 | 99.83 |
| 4106 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 4114 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 5186 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.9 | 99.83 |
| 2525 | 0.0-45.0- 0.0 | 0.0 | 46.8 | 0.0 | 104.00 |
| 3433 | 0.0-45.0- 0.0 | 0.0 | 47.1 | 0.0 | 104.67 |
| 5166 | 0.0-45.0- 0.0 | 0.0 | 46.6 | 0.0 | 103.56 |
| 2856 | 0.0-46.0- 0.0 | 0.0 | 45.6 | 0.0 | 99.13 |
| 3631 | 0.0-46.0- 0.0 | 0.0 | 46.7 | 0.0 | 101.52 |
| 4787 | 0.0-46.0- 0.0 | 0.0 | 45.9 | 0.0 | 99.78 |
| 4023 | 17.5-45.5- 0.0 | 18.1 | 46.2 | 0.0 | 102.06 |
| 3352 | 18.0-46.0- 0.0 | 18.1 | 46.0 | 0.0 | 100.16 |
| 3425 | 18.0-46.0- 0.0 | 17.6 | 46.1 | 0.0 | 99.53 |
| 3846 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 4035 | 18.0-46.0- 0.0 | 17.7 | 45.7 | 0.0 | 99.06 |
| 5149 | 18.0-46.0- 0.0 | 17.6 | 46.0 | 0.0 | 99.38 |
| 2928** | 19.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 111.58 |
| 4149** | 20.5- 0.0- 0.0 | 20.8 | 0.0 | 0.0 | 101.46 |
| 4150** | 20.5- 0.0- 0.0 | 20.6 | 0.0 | 0.0 | 100.49 |
| 3325 | 33.5- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 103.58 |
| 3514 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 3515 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 3521 | 33.5- 0.0- 0.0 | 34.5 | 0.0 | 0.0 | 102.99 |
| 4138 | 33.5- 0.0- 0.0 | 34.3 | 0.0 | 0.0 | 102.39 |
| 3740 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3958 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES | | 56 - SMPLS MISBRANDED | 2 - | | 101.27 |

| | | | | | |
|-----------------------|----------------|----------------------|------|-----|--------|
| OXBOW SULPHUR INC | | THE WOODLANDS, TX | | | |
| 4206 | 11.0-52.0- 0.0 | 11.9 | 52.3 | 0.0 | 101.90 |
| 4601 | 17.0-45.5- 0.0 | 18.6 | 47.1 | 0.0 | 105.12 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS MISBRANDED | 0 - | | 103.50 |

| | | | | | |
|-----------------------|----------------|-----------------------|------|------|--------|
| PCS SALES USA INC | | NORTHBROOK, IL | | | |
| 2133 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 2869 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 4260 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 59.9 | 99.83 |
| 4829 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 5203 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.1 | 100.16 |
| 5204 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 2094 | 11.0-52.0- 0.0 | 11.2 | 52.2 | 0.0 | 100.63 |
| 2241 | 11.0-52.0- 0.0 | 11.3 | 52.3 | 0.0 | 100.95 |
| 2813 | 11.0-52.0- 0.0 | 11.3 | 52.1 | 0.0 | 100.63 |
| 3008 | 11.0-52.0- 0.0 | 11.1 | 52.6 | 0.0 | 101.11 |
| 3010 | 11.0-52.0- 0.0 | 11.1 | 52.5 | 0.0 | 100.95 |
| 3208 | 11.0-52.0- 0.0 | 11.1 | 52.0 | 0.0 | 100.16 |
| 3600 | 11.0-52.0- 0.0 | 11.3 | 52.3 | 0.0 | 100.95 |
| 4768 | 11.0-52.0- 0.0 | 11.1 | 52.1 | 0.0 | 100.32 |
| 5243 | 11.0-52.0- 0.0 | 11.1 | 52.2 | 0.0 | 100.48 |
| 3165 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3169 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3170 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| #TOTALS - NO. SAMPLES | | 29 - SMPLS MISBRANDED | 0 - | | 100.87 |

| | | | | | |
|-----------------------|---------------|----------------------|-----|-----|--------|
| QC CORPORATION | | BALTIMORE, MD | | | |
| 5221** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 100.00 |

| | | | | | |
|----------------------------------|----------------|----------------------|-----|------|--------|
| RAY CARROLL COUNTY GRAIN GROWERS | | BRUNSWICK, MO | | | |
| 4333 | 33.8- 8.5- 8.5 | 31.7* | 9.8 | 11.0 | 100.97 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 1 - | | 100.97 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--|----------------|-----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| RAY-CARROLL COUNTY GRAIN GROWERS, INC CARROLLTON, MO | | | | | |
| 3496 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.2 | 100.32 |
| 3410 | 11.0-52.0- 0.0 | 12.3 | 52.2 | 0.0 | 102.38 |
| 3432** | 12.0-40.0- 0.0 | 12.1 | 42.4 | 0.0 | 104.81 |
| 3374 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| #TOTALS - NO. SAMPLES | | 6 - SMPLS | MISBRANDED | 0 - | 102.27 |

RAY-CARROLL COUNTY GRAIN GROWERS HARDIN, MO
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.66

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| RIVER BEND AG LLC NEW MADRID, MO | | | | | |
| 2862** | 0.0- 0.0-22.0 | 0.0 | 0.0 | 21.9 | 99.55 |
| 3664** | 0.0- 0.0-22.0 | 0.0 | 0.0 | 21.9 | 99.55 |
| 2321 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.9 | 103.17 |
| 2322 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.5 | 102.50 |
| 2554 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 2559 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.5 | 102.50 |
| 2566 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 2725 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 2726 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 2727 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.6 | 102.67 |
| 2728 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 2871 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2872 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 3095 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 3293 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 3294 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 3295 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 3347 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.4 | 100.67 |
| 3670 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 3671 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 3673 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.7 | 102.83 |
| 3888 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 3889 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 4112 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.5 | 102.50 |
| 4113 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.6 | 102.67 |
| 4821 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 5025 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 62.1 | 103.50 |
| 5026 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.1 | 101.83 |
| 5265 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.5 | 102.50 |
| 2855 | 0.0-45.0- 0.0 | 0.0 | 45.9 | 0.0 | 102.00 |
| 2705 | 0.0-46.0- 0.0 | 0.0 | 46.5 | 0.0 | 101.09 |
| 2706 | 0.0-46.0- 0.0 | 0.0 | 46.3 | 0.0 | 100.65 |
| 5241 | 11.0-52.0- 0.0 | 11.6 | 52.4 | 0.0 | 101.59 |
| 2520 | 12.0-40.0- 0.0 | 12.1 | 39.8 | 0.0 | 99.81 |
| 2850 | 12.0-40.0- 0.0 | 12.0 | 40.6 | 0.0 | 101.15 |
| 2851 | 12.0-40.0- 0.0 | 11.9 | 40.6 | 0.0 | 100.96 |
| 2852 | 12.0-40.0- 0.0 | 12.0 | 40.2 | 0.0 | 100.38 |
| 3628** | 12.0-40.0- 0.0 | 12.0 | 41.6 | 0.0 | 103.08 |
| 2262 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 |
| 2263 | 18.0-46.0- 0.0 | 17.7 | 45.7 | 0.0 | 99.06 |
| 2270 | 18.0-46.0- 0.0 | 18.0 | 46.7 | 0.0 | 101.09 |
| 2273 | 18.0-46.0- 0.0 | 18.0 | 46.5 | 0.0 | 100.78 |
| 2274 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 2503 | 18.0-46.0- 0.0 | 18.1 | 45.9 | 0.0 | 100.00 |
| 2506 | 18.0-46.0- 0.0 | 18.4 | 46.4 | 0.0 | 101.25 |
| 2507 | 18.0-46.0- 0.0 | 18.3 | 45.5 | 0.0 | 99.69 |
| 2691 | 18.0-46.0- 0.0 | 18.1 | 46.4 | 0.0 | 100.78 |
| 2693 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 |
| 2694 | 18.0-46.0- 0.0 | 17.8 | 45.8 | 0.0 | 99.38 |
| 2695 | 18.0-46.0- 0.0 | 17.8 | 46.0 | 0.0 | 99.69 |
| 2830 | 18.0-46.0- 0.0 | 17.9 | 46.5 | 0.0 | 100.63 |
| 2831 | 18.0-46.0- 0.0 | 18.0 | 46.7 | 0.0 | 101.09 |
| 2834 | 18.0-46.0- 0.0 | 18.0 | 46.5 | 0.0 | 100.78 |
| 3215 | 18.0-46.0- 0.0 | 17.6 | 45.8 | 0.0 | 99.06 |
| 3217 | 18.0-46.0- 0.0 | 17.9 | 46.2 | 0.0 | 100.16 |
| 3218 | 18.0-46.0- 0.0 | 17.8 | 46.3 | 0.0 | 100.16 |
| 3220 | 18.0-46.0- 0.0 | 17.8 | 45.9 | 0.0 | 99.53 |
| 3223 | 18.0-46.0- 0.0 | 18.1 | 46.3 | 0.0 | 100.63 |
| 3614 | 18.0-46.0- 0.0 | 17.6 | 45.9 | 0.0 | 99.22 |
| 3615 | 18.0-46.0- 0.0 | 17.8 | 46.5 | 0.0 | 100.47 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|-------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| RIVER BEND AG LLC NEW MADRID, MO | | | | | |
| 3616 | 18.0-46.0- 0.0 | 17.5 | 46.1 | 0.0 | 99.38 |
| 3837 | 18.0-46.0- 0.0 | 18.0 | 45.9 | 0.0 | 99.84 |
| 4033 | 18.0-46.0- 0.0 | 17.9 | 45.7 | 0.0 | 99.38 |
| 4034 | 18.0-46.0- 0.0 | 17.8 | 45.7 | 0.0 | 99.22 |
| 4774 | 18.0-46.0- 0.0 | 17.6 | 45.4 | 0.0 | 98.44 |
| 4987 | 18.0-46.0- 0.0 | 17.4 | 45.7 | 0.0 | 98.59 |
| 4988 | 18.0-46.0- 0.0 | 17.5 | 46.4 | 0.0 | 99.84 |
| 5248 | 18.0-46.0- 0.0 | 17.7 | 46.3 | 0.0 | 100.00 |
| 2400** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 2404** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 2405** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 2633** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 |
| 2636** | 21.0- 0.0- 0.0 | 20.5 | 0.0 | 0.0 | 97.62 |
| 2640** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 2768** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 2769** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 2770** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 2930** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 2931** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 3144** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 3145** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 |
| 3146** | 21.0- 0.0- 0.0 | 21.3 | 0.0 | 0.0 | 101.43 |
| 3344** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 |
| 3345** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 3346** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 3696** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 3697** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 3934** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 4148** | 21.0- 0.0- 0.0 | 21.5 | 0.0 | 0.0 | 102.38 |
| 4853** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 5074** | 21.0- 0.0- 0.0 | 21.6 | 0.0 | 0.0 | 102.86 |
| 5274** | 21.0- 0.0- 0.0 | 21.2 | 0.0 | 0.0 | 100.95 |
| 2182 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 2183 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2185 | 46.0- 0.0- 0.0 | 21.0* | 0.0 | 0.0 | 45.65* |
| 2189 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2451 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2455 | 46.0- 0.0- 0.0 | 45.6 | 0.0 | 0.0 | 99.13 |
| 2653 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2654 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2655 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2656 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2778 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 2790 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 3159 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3160 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 3354 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3565 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3726 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3727 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3944 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3945 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3954 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3956 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3957 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4711 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4888 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4889 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5226 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES | | 210 - SMPLS | MISBRANDED | 1 - | 100.42 |

SODA SPRINGS PHOSPHATE II SODA SPRINGS, ID
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 286.66

SOUTH CENTRAL COOP CAINSVILLE, MO
 2337 0.0- 0.0-60.0 0.0 0.0 60.6 101.00
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.83

SOUTH CENTRAL COOP LAMONI, IA
 #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.06

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|---------------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| SOUTHEAST COOPERATIVE SERVICE CO | | ADVANCE, MO | | | |
| 2880 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 101.56 |
| SOUTHEAST COOPERATIVE SERVICE CO | | MOREHOUSE, MO | | | |
| 3047 | 0.0-45.0- 0.0 | 0.0 | 46.2 | 0.0 | 102.67 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.67 |
| SUR-GRO PLANT FOOD | | PLATTSBURG, MO | | | |
| 2362 | 0.0- 0.0-62.4 | 0.0 | 0.0 | 61.9 | 99.20 |
| 2277 | 18.0-46.0- 0.0 | 18.0 | 46.8 | 0.0 | 101.25 |
| 2287 | 18.0-46.0- 0.0 | 17.9 | 46.4 | 0.0 | 100.47 |
| 2388 | 34.0- 0.0- 0.0 | 34.7 | 0.0 | 0.0 | 102.06 |
| 2224 | 44.0- 0.0- 0.0 | 45.3 | 0.0 | 0.0 | 102.95 |
| 2225 | 44.0- 0.0- 0.0 | 45.2 | 0.0 | 0.0 | 102.73 |
| #TOTALS - NO. SAMPLES | | 14 - SMPLS | MISBRANDED | 0 - | 101.37 |
| TERRA NITROGEN CORP. - | | YAZOO CITY SIOUX CITY, IA | | | |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 102.05 |
| TRANSAMMONIA, INC | | TAMPA, FL | | | |
| 4618 | 0.0-46.0- 0.0 | 0.0 | 46.6 | 0.0 | 101.30 |
| 2491 | 18.0-46.0- 0.0 | 18.6 | 46.3 | 0.0 | 101.41 |
| 2492 | 18.0-46.0- 0.0 | 18.0 | 45.7 | 0.0 | 99.53 |
| 3029 | 18.0-46.0- 0.0 | 17.8 | 46.3 | 0.0 | 100.16 |
| 3617 | 18.0-46.0- 0.0 | 17.2 | 46.0 | 0.0 | 98.75 |
| #TOTALS - NO. SAMPLES | | 6 - SMPLS | MISBRANDED | 0 - | 100.37 |
| UNITED SUPPLIERS, INC | | ELDORA, IA | | | |
| 2127 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 2301 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 2551 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 3091 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 3678 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.4 | 102.33 |
| 3890 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 4482 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 4629 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.8 | 101.33 |
| 4824 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 5037 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.6 | 101.00 |
| 2356 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.8 | 101.29 |
| 2358 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.9 | 101.45 |
| 2582 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.2 | 100.32 |
| 4118 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 4489 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.6 | 100.97 |
| 5042 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 5200 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 2244 | 11.0-52.0- 0.0 | 12.4 | 52.4 | 0.0 | 102.86 |
| 2249 | 11.0-52.0- 0.0 | 11.1 | 52.5 | 0.0 | 100.95 |
| 2473 | 11.0-52.0- 0.0 | 12.0 | 52.0 | 0.0 | 101.59 |
| 2474 | 11.0-52.0- 0.0 | 11.3 | 51.9 | 0.0 | 100.32 |
| 2475 | 11.0-52.0- 0.0 | 11.3 | 52.0 | 0.0 | 100.48 |
| 2680 | 11.0-52.0- 0.0 | 12.2 | 52.1 | 0.0 | 102.06 |
| 4014 | 11.0-52.0- 0.0 | 11.7 | 50.5 | 0.0 | 98.73 |
| 4015 | 11.0-52.0- 0.0 | 11.3 | 52.2 | 0.0 | 100.79 |
| 4016 | 11.0-52.0- 0.0 | 11.6 | 51.1 | 0.0 | 99.52 |
| 4203 | 11.0-52.0- 0.0 | 11.5 | 51.3 | 0.0 | 99.68 |
| 4388 | 11.0-52.0- 0.0 | 11.4 | 52.2 | 0.0 | 100.95 |
| 5146 | 11.0-52.0- 0.0 | 12.1 | 51.6 | 0.0 | 101.11 |
| 2821 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 |
| 2837 | 18.0-46.0- 0.0 | 17.8 | 45.9 | 0.0 | 99.53 |
| 3030 | 18.0-46.0- 0.0 | 17.9 | 46.4 | 0.0 | 100.47 |
| 3230 | 18.0-46.0- 0.0 | 18.3 | 46.7 | 0.0 | 101.56 |
| 3233 | 18.0-46.0- 0.0 | 18.5 | 46.9 | 0.0 | 102.19 |
| 3619 | 18.0-46.0- 0.0 | 17.4 | 46.0 | 0.0 | 99.06 |
| 3828 | 18.0-46.0- 0.0 | 17.8 | 45.7 | 0.0 | 99.22 |
| 4213 | 18.0-46.0- 0.0 | 17.8 | 45.3 | 0.0 | 98.59 |
| 4607 | 18.0-46.0- 0.0 | 17.8 | 46.1 | 0.0 | 99.84 |
| 4781 | 18.0-46.0- 0.0 | 13.8* | 35.6* | 0.0 | 77.19* |
| 5156 | 18.0-46.0- 0.0 | 17.7 | 46.2 | 0.0 | 99.84 |
| 4289** | 21.0- 0.0- 0.0 | 21.4 | 0.0 | 0.0 | 101.90 |
| 5073** | 21.0- 0.0- 0.0 | 21.1 | 0.0 | 0.0 | 100.48 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------------------|----------------|------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| UNITED SUPPLIERS, INC | | ELDORA, IA | | | |
| 2604 | 34.0- 0.0- 0.0 | 34.8 | 0.0 | 0.0 | 102.35 |
| 2613 | 34.0- 0.0- 0.0 | 34.0 | 0.0 | 0.0 | 100.00 |
| 2175 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2196 | 46.0- 0.0- 0.0 | 45.8 | 0.0 | 0.0 | 99.57 |
| 2215 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2216 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2217 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2431 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 2664 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 3182 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3567 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3571 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 3716 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| 3729 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3732 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 3941 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3942 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4168 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 4315 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 4321 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| 4326 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4544 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 4695 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 4699 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4714 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4895 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| 5083 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 5224 | 46.0- 0.0- 0.0 | 46.3 | 0.0 | 0.0 | 100.65 |
| #TOTALS - NO. SAMPLES | | 120 - SMPLS | MISBRANDED | 3 - | 100.71 |
| UNITED SUPPLIERS, INC | | ST JOSEPH, MO | | | |
| 2342 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.2 | 102.00 |
| 2866 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| 3675 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 4101 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 4102 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.9 | 101.50 |
| 4263 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.5 | 100.83 |
| 4266 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.2 | 100.33 |
| 4828 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 5035 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.7 | 101.17 |
| 5192 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 61.3 | 102.17 |
| 2357 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.7 | 101.13 |
| 2361 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.5 | 100.81 |
| 3495 | 0.0- 0.0-62.0 | 0.0 | 0.0 | 62.3 | 100.48 |
| 2237 | 11.0-52.0- 0.0 | 11.1 | 52.3 | 0.0 | 100.63 |
| 2812 | 11.0-52.0- 0.0 | 10.9 | 52.3 | 0.0 | 100.32 |
| 3408 | 11.0-52.0- 0.0 | 11.3 | 52.3 | 0.0 | 100.95 |
| 4209 | 11.0-52.0- 0.0 | 11.1 | 52.3 | 0.0 | 100.63 |
| 4763 | 11.0-52.0- 0.0 | 11.0 | 51.7 | 0.0 | 99.52 |
| 4978 | 11.0-52.0- 0.0 | 11.9 | 52.1 | 0.0 | 101.59 |
| 4777 | 18.0-46.0- 0.0 | 17.9 | 46.1 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES | | 54 - SMPLS | MISBRANDED | 0 - | 100.99 |
| UNITED SUPPLIERS, INC | | ST LOUIS, MO | | | |
| 2486 | 18.0-46.0- 0.0 | 18.0 | 45.6 | 0.0 | 99.38 |
| 2688 | 18.0-46.0- 0.0 | 17.8 | 46.2 | 0.0 | 100.00 |
| 2420 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 2421 | 46.0- 0.0- 0.0 | 46.6 | 0.0 | 0.0 | 101.30 |
| 3174 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3175 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3359 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3569 | 46.0- 0.0- 0.0 | 46.7 | 0.0 | 0.0 | 101.52 |
| 3710 | 46.0- 0.0- 0.0 | 46.8 | 0.0 | 0.0 | 101.74 |
| 4709 | 46.0- 0.0- 0.0 | 46.5 | 0.0 | 0.0 | 101.09 |
| 4715 | 46.0- 0.0- 0.0 | 46.2 | 0.0 | 0.0 | 100.43 |
| #TOTALS - NO. SAMPLES | | 14 - SMPLS | MISBRANDED | 0 - | 100.93 |
| VAN DIEST SUPPLY COMPANY | | WEBSTER CITY, IA | | | |
| 4688** | 0.0- 0.0- 0.0 | 0.0 | 0.0 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.00 |

BULK DRY FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------|----------------|----------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| YARA NORTH AMERICA, INC | | TAMPA, FL | | | |
| 4667 | 33.5- 0.0- 0.0 | 33.8 | 0.0 | 0.0 | 100.90 |
| 4557 | 46.0- 0.0- 0.0 | 46.4 | 0.0 | 0.0 | 100.87 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS MISBRANDED | 0 - | | 100.88 |
| YOCUM SERVICE, INC | | MOUND CITY, MO | | | |
| 3089 | 0.0- 0.0-60.0 | 0.0 | 0.0 | 60.3 | 100.50 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 100.50 |

* Subject to penalty (either 10% or two units deficient from guarantee in nutrient indicated, or 3% deficient in total value).

** Sample analyzed for guaranteed secondary or micronutrients, the results are tabulated beginning page 37.

Totals from July 1, 2012

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------------------------|----------------|----------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| A & L AG CENTER | | SEDALIA, MO | | | |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS MISBRANDED | 0 - | | 105.90 |
| AG COOP SERVICES INC | | BOONVILLE, MO | | | |
| 4652 | 17.9-17.9-17.9 | 17.4 | 18.7 | 18.6 | 101.45 |
| 4660 | 23.4-11.7-11.7 | 22.8 | 13.2 | 12.6 | 103.30 |
| 4664 | 25.9- 7.4-10.0 | 25.2 | 8.3 | 11.4 | 102.35 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS MISBRANDED | 0 - | | 102.33 |
| AG COOP SERVICES INC | | LA MONTE, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 100.00 |
| AG COOP SERVICES INC | | OTTERVILLE, MO | | | |
| 3382 | 27.0-13.5-13.5 | 27.6 | 14.2 | 14.4 | 103.70 |
| 3379 | 31.5-10.5-10.5 | 30.0 | 11.2 | 13.1 | 101.06 |
| 3380 | 31.5-10.5-10.5 | 31.3 | 10.6 | 11.3 | 100.63 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS MISBRANDED | 0 - | | 101.79 |
| AG COOP SERVICES INC | | SEDALIA, MO | | | |
| 5053 | 22.4-12.9-12.9 | 20.2* | 14.9 | 15.1 | 102.16 |
| 5054 | 22.4-12.9-12.9 | 20.8 | 14.0 | 14.4 | 100.60 |
| 4129 | 23.1- 9.2-13.8 | 23.7 | 8.8 | 14.2 | 101.02 |
| 4046 | 23.4-11.7-11.7 | 26.3 | 9.1* | 9.2* | 97.68 |
| 4127 | 25.0-10.0-10.0 | 24.9 | 10.8 | 10.5 | 102.38 |
| #TOTALS - NO. SAMPLES | | 8 - SMPLS MISBRANDED | 2 - | | 100.58 |
| AG SERVICE OF LOCKWOOD INC. | | LOCKWOOD, MO | | | |
| 3915 | 25.9- 8.8- 8.8 | 25.9 | 9.4 | 8.6 | 101.28 |
| 3917 | 26.0- 8.6- 8.6 | 25.9 | 9.0 | 9.1 | 101.41 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS MISBRANDED | 0 - | | 101.42 |
| AG-LAND, INC | | BROOKFIELD, MO | | | |
| 3504 | 17.9-17.9-18.0 | 17.6 | 19.2 | 18.0 | 102.23 |
| 3507** | 22.6- 9.0-13.5 | 22.6 | 10.7 | 11.2* | 101.43 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS MISBRANDED | 1 - | | 101.86 |
| AGRI-ENTERPRISES FERTILIZER LLC | | LICKING, MO | | | |
| 4132 | 19.5- 9.8-19.5 | 19.9 | 9.4 | 19.6 | 100.13 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 100.13 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 4376** | 5.1-24.4-28.1 | 5.4 | 24.3 | 27.8 | 100.11 |
| 4377** | 5.1-24.4-28.1 | 5.6 | 24.7 | 28.1 | 101.84 |
| 4378** | 5.1-24.4-28.1 | 5.9 | 26.3 | 26.6 | 104.48 |
| #TOTALS - NO. SAMPLES | | 5 - SMPLS MISBRANDED | 0 - | | 102.24 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 4966 | 5.8-27.8-27.8 | 6.1 | 27.0 | 29.1 | 100.32 |
| 4941** | 7.5-35.6-14.8 | 7.8 | 34.4 | 16.3 | 99.70 |
| 4959** | 7.5-35.6-14.8 | 7.8 | 34.4 | 16.0 | 99.41 |
| 5055 | 22.7- 7.5-15.1 | 23.2 | 7.0 | 14.3 | 98.94 |
| #TOTALS - NO. SAMPLES | | 4 - SMPLS MISBRANDED | 0 - | | 99.62 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 4952** | 9.6-24.5-26.9 | 8.8 | 22.8 | 29.4 | 97.37 |
| 5289 | 22.0-17.5-17.5 | 20.6 | 21.2 | 17.2 | 104.46 |
| #TOTALS - NO. SAMPLES | | 9 - SMPLS MISBRANDED | 0 - | | 100.82 |
| BACKES & TOELKE AGRI PRODUCTS INC | | NEW HAVEN, MO | | | |
| 5047** | 13.5- 4.5-33.0 | 14.8 | 4.5 | 31.6 | 101.74 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 101.74 |
| BACKES & TOELKE-MARTHASVILLE AG | | MARTHASVILLE, MO | | | |
| 3921** | 32.5- 0.0- 0.0 | 33.4 | 0.0 | 0.0 | 102.77 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 0 - | | 102.77 |
| BARRY COUNTY FARMERS CO-OP | | STARK CITY, MO | | | |
| 4838 | 22.8- 7.6-15.2 | 24.0 | 6.1* | 14.2 | 97.89 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS MISBRANDED | 1 - | | 97.89 |

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------------------|----------------|------------------|-------------------------------|------------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| BARTLETT & COMPANY, L.P. | | HIGGINSVILLE, MO | | | |
| 3818 | 5.8-27.8-27.8 | 6.7 | 28.4 | 27.2 | 102.53 |
| 3819** | 5.7-27.0-27.0 | 6.4 | 27.1 | 27.2 | 101.95 |
| 3820** | 5.7-27.0-27.0 | 6.3 | 27.0 | 27.3 | 101.62 |
| 4964 | 5.8-27.8-27.8 | 6.1 | 28.0 | 27.8 | 101.05 |
| 4965 | 5.8-27.8-27.8 | 6.2 | 28.3 | 27.5 | 101.58 |
| #TOTALS - NO. SAMPLES | | 14 - | SMPLS | MISBRANDED | 1 - 102.00 |
| BATESVILLE GRAIN AND FERTILIZER OF | | BROSELEY, MO | | | |
| 3980** | 15.0-15.0-23.0 | 14.5 | 16.0 | 24.6 | 103.13 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 103.13 |
| BICHSSEL SPREADING SERVICE | | LEONARD, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 102.41 |
| BLAKEMORE COTTON & GRAIN LLC | | CAMPBELL, MO | | | |
| 3979** | 15.0-13.0-21.0 | 15.5 | 13.6 | 22.7 | 105.06 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 105.06 |
| BOLLINGER COUNTY CO-OP | | MARBLE HILL, MO | | | |
| 3509 | 24.0-10.0-10.0 | 23.9 | 10.3 | 11.4 | 102.31 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 102.31 |
| BOYLES FARM SERVICE, INC | | FISK, MO | | | |
| 3968** | 28.0- 6.0-13.0 | 28.4 | 6.6 | 14.6 | 104.44 |
| 3969** | 28.0- 6.0-13.0 | 27.7 | 7.2 | 15.4 | 105.19 |
| #TOTALS - NO. SAMPLES | | 2 - | SMPLS | MISBRANDED | 0 - 104.81 |
| BURNS CUSTOM SPRAYING, LLC | | BUTLER, MO | | | |
| 4925 | 22.6-16.9-16.9 | 22.2 | 16.9 | 17.6 | 99.90 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 99.90 |
| BUCHHEIT INC | | PERRYVILLE, MO | | | |
| 3756 | 27.0-13.0-13.0 | 25.9 | 14.8 | 15.0 | 103.66 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 103.66 |
| BUTTERFIELD & ASSOCIATES GRAIN, INC | | MEADVILLE, MO | | | |
| 4587 | 4.3-20.6-36.1 | 4.9 | 21.8 | 35.5 | 103.49 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 103.49 |
| CAMERON COOP ELEVATOR ASSN | | CAMERON, MO | | | |
| #TOTALS - NO. SAMPLES | | 2 - | SMPLS | MISBRANDED | 1 - 84.40 |
| CARTHAGE AG SERVICE LLC | | CARTHAGE, MO | | | |
| 4494 | 23.3-11.7-11.7 | 23.9 | 11.1 | 11.6 | 99.88 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 99.88 |
| CENTRAL ELEVATOR INC | | SILEX, MO | | | |
| 4719 | 24.0-16.0-16.0 | 23.3 | 16.6 | 17.0 | 100.83 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 100.83 |
| CENTRAL MISSOURI AGRISERVICE LLC | | BLACKBURN, MO | | | |
| 4757** | 4.3-20.2-35.4 | 4.4 | 19.9 | 35.8 | 100.00 |
| 4758** | 4.3-20.2-35.4 | 4.6 | 20.3 | 35.1 | 100.59 |
| 4914** | 27.8-12.4-12.4 | 27.5 | 13.1 | 13.1 | 101.62 |
| 4915** | 27.8-12.4-12.4 | 28.3 | 12.6 | 12.4 | 101.51 |
| #TOTALS - NO. SAMPLES | | 7 - | SMPLS | MISBRANDED | 0 - 100.79 |
| CENTRAL MISSOURI AGRISERVICE LLC | | MALTA BEND, MO | | | |
| #TOTALS - NO. SAMPLES | | 4 - | SMPLS | MISBRANDED | 0 - 102.30 |
| CENTRAL MISSOURI AGRISERVICE LLC | | MARSHALL, MO | | | |
| 4945** | 11.1-28.5-21.4 | 11.0 | 29.0 | 21.4 | 100.80 |
| 4946** | 11.1-28.5-21.4 | 10.9 | 28.8 | 21.7 | 100.50 |
| 4947** | 11.1-28.5-21.4 | 11.0 | 29.0 | 21.6 | 100.99 |
| #TOTALS - NO. SAMPLES | | 11 - | SMPLS | MISBRANDED | 0 - 101.75 |
| CENTRAL MISSOURI AGRISERVICE LLC | | SLATER, MO | | | |
| 4912** | 28.7- 9.6-12.8 | 27.5 | 9.7 | 14.8 | 99.78 |
| #TOTALS - NO. SAMPLES | | 7 - | SMPLS | MISBRANDED | 1 - 102.38 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-----------------------------------|----------------|-------------------|-------------------------------|------------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| CHULA FARMERS COOPERATIVE | | CHULA, MO | | | |
| 4591 | 10.3-26.4-26.4 | 9.9 | 26.5 | 26.8 | 99.80 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 99.80 |
| CONSUMERS OIL COMPANY, INC | | MARYVILLE, MO | | | |
| 4273** | 20.0-10.0-10.0 | 20.6 | 10.1 | 11.5 | 104.14 |
| 4276** | 23.0- 7.0- 7.0 | 23.0 | 7.4 | 9.2 | 104.48 |
| #TOTALS - NO. SAMPLES | | 3 - | SMPLS | MISBRANDED | 0 - 104.95 |
| CO-OP SERVICE CENTER INC | | JACKSON, MO | | | |
| 3909 | 18.0-18.0-18.0 | 18.6 | 14.0* | 19.2 | 93.78* |
| 3912 | 20.0-10.0-10.0 | 19.4 | 10.2 | 10.6 | 99.71 |
| #TOTALS - NO. SAMPLES | | 2 - | SMPLS | MISBRANDED | 1 - 96.37 |
| COOP ASSN #130 - MCKITTRICK | | RHINELAND, MO | | | |
| 3385 | 10.5-16.0-33.5 | 11.5 | 18.0 | 32.2 | 105.43 |
| 3377 | 30.5- 0.0-20.5 | 29.1 | 0.0 | 23.8 | 100.61 |
| #TOTALS - NO. SAMPLES | | 2 - | SMPLS | MISBRANDED | 0 - 103.09 |
| COOP ASSN #2 - MARTHASVILLE | | WASHINGTON, MO | | | |
| 3760 | 26.0- 8.0-18.0 | 25.0 | 8.9 | 19.6 | 101.63 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 101.63 |
| COOPERATIVE ASSN NO. 2-BULK PLANT | | WASHINGTON, MO | | | |
| #TOTALS - NO. SAMPLES | | 3 - | SMPLS | MISBRANDED | 0 - 100.96 |
| COOPER FARM SUPPLY INC | | SUMMERSVILLE, MO | | | |
| 4137 | 11.7-11.7-11.7 | 12.3 | 11.7 | 11.6 | 101.88 |
| 4136 | 17.0- 2.4- 5.0 | 17.1 | 2.4 | 5.4 | 101.37 |
| #TOTALS - NO. SAMPLES | | 2 - | SMPLS | MISBRANDED | 0 - 101.66 |
| CROP PRODUCTION SERVICES-3504 | | BOWLING GREEN, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 104.82 |
| CROP PRODUCTION SERVICES-712 | | CLARENCE, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 100.81 |
| CROP PRODUCTION SERVICES-4008 | | COOTER, MO | | | |
| 2678 | 9.0-24.0-28.0 | 9.6 | 23.3 | 29.2 | 101.06 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 101.06 |
| CROP PRODUCTION SERVICES-3512 | | PALMYRA, MO | | | |
| 5102** | 18.3-14.6-22.0 | 16.3* | 15.4 | 25.6 | 101.37 |
| #TOTALS - NO. SAMPLES | | 3 - | SMPLS | MISBRANDED | 2 - 100.98 |
| CROP PRODUCTION SERVICES-429 | | PARIS, MO | | | |
| 2673 | 17.5-17.5-23.4 | 21.6 | 15.6* | 20.0* | 101.07 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 1 - 101.07 |
| CROP PRODUCTION SERVICES-4014 | | PORTAGEVILLE, MO | | | |
| 4009** | 8.5-12.5-33.3 | 8.2 | 12.1 | 33.6 | 98.54 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 98.54 |
| CROP PRODUCTION SERVICES-4012 | | SENATH, MO | | | |
| 4490** | 7.0- 0.0-40.0 | 7.4 | 0.0 | 40.9 | 103.15 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 0 - 103.15 |
| CROP PRODUCTION SERVICES-4013 | | SIKESTON, MO | | | |
| 3579** | 22.0-11.0-16.0 | 23.9 | 9.3* | 16.4 | 100.98 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 1 - 100.98 |
| CROP PRODUCTION SERVICES-448 | | WESTBORO, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS | MISBRANDED | 1 - 105.85 |
| CROP PRODUCTION SERVICES-4031 | | WHITE OAK, MO | | | |
| 4004** | 18.0-20.0- 0.0 | 18.8 | 19.0 | 0.0 | 99.47 |
| 4005** | 18.0-20.0- 0.0 | 18.8 | 18.4 | 0.0 | 97.89 |
| #TOTALS - NO. SAMPLES | | 2 - | SMPLS | MISBRANDED | 0 - 98.68 |
| D&S FERTILIZER INC. | | CLINTON, MO | | | |
| #TOTALS - NO. SAMPLES | | 2 - | SMPLS | MISBRANDED | 0 - 100.10 |

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|------------------------------------|----------------|--------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| DALLAS COUNTY FARMERS EXCHANGE | | BUFFALO, MO | | | |
| 4589 | 9.0-23.0-30.0 | 9.1 | 23.8 | 29.4 | 101.28 |
| 4650 | 17.7-17.7-17.7 | 18.5 | 17.1 | 17.1 | 99.77 |
| 4655 | 21.2-10.6-15.9 | 22.2 | 11.2 | 14.2* | 101.89 |
| 4656 | 22.5- 7.5-15.0 | 24.2 | 7.2 | 12.8* | 100.80 |
| #TOTALS - NO. SAMPLES | | 4 - SMPLS | MISBRANDED | 2 - | 100.91 |
| DALLAS COUNTY FARMERS EXCH-URBANA | | BUFFALO, MO | | | |
| 3910 | 18.9-12.6-16.4 | 21.3 | 11.6 | 16.0 | 103.02 |
| 3913 | 20.0-12.0-17.0 | 21.3 | 11.2 | 16.0 | 100.00 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 101.49 |
| DAVIS FERTILIZER CO | | GRAHAM, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 93.76 |
| DELTA GROWERS ASSOC-EAST PRAIRIE | | CHARLESTON, MO | | | |
| 3577** | 32.0- 0.0-14.0 | 30.5 | 0.0 | 17.0 | 100.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.00 |
| DELTA GROWERS ASSOCIATION-KEWANEE | | CHARLESTON, MO | | | |
| 3744** | 40.0- 0.0- 0.0 | 40.4 | 0.0 | 0.0 | 101.00 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.00 |
| DELTA SUPPLY INC | | DELTA, MO | | | |
| 4202 | 9.0-23.0-30.0 | 8.4 | 22.6 | 31.2 | 99.15 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.15 |
| DICKEY FARM SUPPLY, INC | | CENTERVILLE, MO | | | |
| 3580 | 19.0-19.0-19.0 | 18.5 | 19.6 | 20.2 | 101.47 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.47 |
| DISHMAN FERTILIZER | | HELENA, MO | | | |
| 4567 | 28.0-12.0-12.0 | 28.8 | 12.1 | 12.9 | 102.93 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.93 |
| DONLEY FEED & FERTILIZER | | THORNFIELD, MO | | | |
| 4661 | 23.4-11.7-11.7 | 23.0 | 11.7 | 11.8 | 99.15 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.15 |
| G.C. DUNN & SONS, INC | | MIDDLETOWN, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 95.48 |
| FARMER'S AG & GRAIN SUPPLY, INC. | | DEERFIELD, MO | | | |
| 4659 | 23.3-11.6-11.6 | 23.9 | 10.2* | 10.9 | 97.17 |
| 4565 | 30.3-11.3-11.3 | 30.0 | 11.4 | 12.3 | 100.63 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 2 - | 98.62 |
| FARMERS 280 FERTILIZER COMPANY LLC | | FREEBURG, MO | | | |
| 3508 | 23.5-11.5-11.5 | 21.8 | 12.8 | 13.4 | 101.35 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.35 |
| FARMERS AG CENTER | | MOUNTAIN GROVE, MO | | | |
| 3499 | 6.0-15.0-40.1 | 8.8 | 17.7 | 33.7* | 105.60 |
| 3502 | 17.6-17.6-17.6 | 17.2 | 19.0 | 18.1 | 102.84 |
| 3505 | 19.4- 9.7-19.4 | 18.3 | 10.7 | 21.0 | 101.80 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 1 - | 103.43 |
| FARMERS COOPERATIVE ASSOC. #301 | | SULLIVAN, MO | | | |
| 4570 | 27.0-10.5-16.0 | 26.5 | 11.2 | 17.9 | 102.53 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.53 |
| FARMERS COOPERATIVE SERVICES, INC | | PALMYRA, MO | | | |
| 5142 | 8.0-20.6-33.0 | 8.1 | 21.3 | 33.3 | 102.11 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.11 |
| FARMERS ELEVATOR & EXCHANGE CO | | MONROE CITY, MO | | | |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 100.75 |
| FARMERS ELEVATOR AND SUPPLY CO. | | CLINTON, MO | | | |
| 3971 | 27.2-13.6-13.6 | 26.2 | 14.6 | 14.8 | 101.26 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.26 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---------------------------------|----------------|------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| FARMERS PRODUCE EXCHANGE-CONWAY | | LEBANON, MO | | | |
| 4909** | 29.1- 7.2-10.9 | 27.4 | 7.3 | 12.4 | 97.96 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 97.96 |
| FERTILIZER SERVICE CO | | FAIRFAX, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.52 |
| FREISTATT FARMERS EXCHANGE | | FREISTATT, MO | | | |
| 4972** | 4.3-11.1-44.7 | 5.4 | 13.0 | 41.2* | 103.31 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 103.31 |
| GAGE'S FERTILIZER & GRAIN, INC | | ALBANY, MO | | | |
| 3688 | 22.5-18.0- 8.9 | 21.4 | 20.2 | 10.0 | 103.67 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.67 |
| GAGE'S FERTILIZER & GRAIN, INC. | | MAITLAND, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 98.37 |
| GAGE'S FERTILIZER & GRAIN, INC | | SKIDMORE, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 98.07 |
| GAGE'S FERTILIZER & GRAIN INC | | STANBERRY, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.00 |
| GREENPOINT AG, LLC | | CATRON, MO | | | |
| 3974** | 22.0-10.0-16.0 | 21.1 | 13.6 | 16.4 | 107.25 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 107.25 |
| GREENPOINT AG, LLC | | MALDEN, MO | | | |
| 4006** | 12.0-14.0-19.0 | 12.2 | 14.1 | 19.7 | 101.83 |
| 4007** | 12.0-14.0-19.0 | 12.7 | 15.2 | 18.4 | 104.51 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 103.16 |
| GREENPOINT AG, LLC | | PORTAGEVILLE, MO | | | |
| 3981 | 15.0-23.0-16.0 | 14.6 | 22.4 | 18.4 | 100.43 |
| 3982 | 15.0-23.0-16.0 | 14.6 | 22.5 | 18.4 | 100.65 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 100.54 |
| GREENPOINT AG, LLC | | SIKESTON, MO | | | |
| 3747** | 11.0- 0.0-29.0 | 10.8 | 0.0 | 32.4 | 105.88 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 105.88 |
| GRO-MOR FERTILIZER INC | | WEST PLAINS, MO | | | |
| 4125 | 26.0- 8.0- 8.0 | 24.9 | 9.4 | 9.2 | 102.37 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.37 |
| GUIER CHEMICAL & FERTILIZER | | HOUSTONIA, MO | | | |
| 4940** | 8.0-21.5-28.5 | 8.6 | 23.0 | 29.2 | 105.60 |
| 4958** | 8.0-21.5-28.5 | 8.6 | 23.0 | 30.1 | 106.63 |
| 4949 | 10.3-26.4-26.4 | 9.8 | 25.3 | 27.3 | 97.70 |
| #TOTALS - NO. SAMPLES | | 7 - SMPLS | MISBRANDED | 0 - | 102.39 |
| HARTVILLE FEED | | HARTVILLE, MO | | | |
| 3503 | 17.7-17.7-17.7 | 17.9 | 16.8 | 18.6 | 99.44 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.44 |
| HEATH & SON FEED & SUPPLY, INC. | | AVA, MO | | | |
| 3686 | 16.0- 0.0- 0.0 | 16.6 | 0.0 | 0.0 | 103.75 |
| 3689 | 24.0- 8.0- 8.0 | 24.7 | 7.7 | 9.0 | 102.50 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 102.88 |
| HEIMAN AGRI-SERVICES, INC | | BUTLER, MO | | | |
| 2460 | 29.0-11.0-11.0 | 27.4 | 12.8 | 13.5 | 103.19 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 103.19 |
| HEIMAN INC | | ROCKVILLE, MO | | | |
| 3757 | 27.0-13.5-13.5 | 27.6 | 14.5 | 12.6 | 102.43 |
| 3759 | 27.0-13.5-13.5 | 27.4 | 13.5 | 14.0 | 101.38 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 101.90 |

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------------------------|----------------|-----------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| HEIMSOOTH AGRI SERVICE INC | | CORDER, MO | | | |
| 3398** | 6.0-28.5-25.0 | 6.3 | 29.6 | 25.5 | 103.51 |
| 3399** | 6.0-29.0-23.5 | 6.1 | 29.4 | 25.1 | 102.78 |
| 3397** | 7.0-34.5-17.0 | 7.6 | 36.6 | 17.3 | 105.70 |
| #TOTALS - NO. SAMPLES | | 7 - SMPLS | MISBRANDED | 0 - | 103.81 |
| HELENA CHEMICAL COMPANY | | CLARKTON, MO | | | |
| 3966 | 32.0- 5.0- 9.0 | 32.4 | 5.5 | 11.4 | 105.06 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 105.06 |
| HELENA CHEMICAL COMPANY | | DUDLEY, MO | | | |
| 3771** | 18.0-13.0-21.0 | 17.6 | 13.7 | 22.8 | 102.89 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.89 |
| HELENA CHEMICAL COMPANY-HARRIS | | NEWTOWN, MO | | | |
| 4130 | 23.0-11.5-11.5 | 23.8 | 11.6 | 11.0 | 101.61 |
| 4123 | 23.0-12.0-12.0 | 23.0 | 12.4 | 11.6 | 100.49 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 101.04 |
| HELENA CHEMICAL CO. | | MATTHEWS, MO | | | |
| 4010** | 7.0- 0.0-28.0 | 7.2 | 0.0 | 28.9 | 103.10 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.10 |
| HELENA CHEMICAL CO | | NEW MADRID, MO | | | |
| 3977** | 18.0-10.0-20.0 | 17.3 | 8.9* | 24.1 | 100.66 |
| 3978** | 18.0-10.0-20.0 | 18.2 | 8.6* | 23.2 | 101.05 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 2 - | 100.85 |
| HENSON FARM SUPPLY | | WILLIAMSVILLE, MO | | | |
| 3500 | 17.0-17.0-17.0 | 18.4 | 18.6 | 17.6 | 107.76 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 107.76 |
| HODGES FERTILIZER | | PERRY, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 104.35 |
| HOFFMAN & REED, INC | | TRENTON, MO | | | |
| 4590 | 10.0-26.0-26.0 | 10.2 | 27.2 | 25.0 | 101.84 |
| 4662 | 24.8- 9.9- 9.9 | 25.5 | 9.5 | 10.2 | 101.13 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 101.52 |
| HOPKINS SEED & CHEMICAL INC | | QULIN, MO | | | |
| 4011 | 6.0-17.0-34.0 | 6.5 | 17.7 | 35.4 | 104.75 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 104.75 |
| INGREDION INCORPORATED | | NORTH KANSAS CITY, MO | | | |
| 4439 | 5.0- 1.0- 0.0 | 1.3* | 0.4* | 0.0 | 28.33* |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 28.33 |
| JEFFCO FEED & FERTILIZER | | DESOTO, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 104.57 |
| JOHNSON FEED STORE | | PIEDMONT, MO | | | |
| 3322 | 23.0-11.0-11.0 | 23.7 | 11.3 | 12.0 | 103.80 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.80 |
| JONES BROS. AGRI SERVICE, LLC | | LA MONTE, MO | | | |
| 4948 | 11.0-29.0-21.5 | 10.7 | 27.8 | 23.4 | 98.92 |
| 5051 | 22.0-13.0-13.0 | 21.7 | 12.7 | 13.8 | 99.52 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 99.18 |
| KEENEY FERTILIZER SERVICE, INC | | OWENSVILLE, MO | | | |
| 4576 | 19.0-19.0-19.0 | 16.9* | 20.6 | 20.8 | 100.84 |
| 4575 | 24.0- 9.0-19.0 | 23.2 | 10.8 | 21.8 | 105.65 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 1 - | 102.58 |
| KELSO MILLING CO | | SCOTT CITY, MO | | | |
| 3813** | 8.0-21.1-27.4 | 8.1 | 21.0 | 27.9 | 100.58 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.58 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------|----------------|-------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| KINDER PLANT FOOD | | LICKING, MO | | | |
| 3991 | 13.0-13.0-13.0 | 11.8 | 13.0 | 14.0 | 97.85 |
| 4133 | 17.8-17.8-17.8 | 17.3 | 18.6 | 18.3 | 101.24 |
| 4128 | 23.4-11.7-11.7 | 22.7 | 12.3 | 12.3 | 100.49 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 0 - | 100.04 |
| KOTTWITZ FERT. CO. | | OSCEOLA, MO | | | |
| 4571 | 27.0-13.0-13.0 | 26.7 | 13.7 | 14.4 | 102.37 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.37 |
| KREISEL CO. APPLICATION | | HOUSTONIA, MO | | | |
| 4938 | 10.0-26.0-26.0 | 10.3 | 25.4 | 27.1 | 100.51 |
| 3752 | 29.5-11.5-11.5 | 28.7 | 12.8 | 13.2 | 102.89 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 0 - | 101.53 |
| LEBANON FARM CENTER | | MTN. GROVE, MO | | | |
| 4969** | 5.2-13.4-40.4 | 5.5 | 13.7 | 40.0 | 101.03 |
| 5049 | 17.6-17.6-17.6 | 17.1 | 18.2 | 17.8 | 100.45 |
| 5058 | 24.5- 6.1-12.2 | 23.6 | 6.7 | 13.4 | 100.82 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 0 - | 100.75 |
| LEGRAND FERTILIZER | | POPLAR BLUFF, MO | | | |
| 4043 | 0.0-14.0-38.0 | 0.0 | 14.4 | 39.5 | 103.48 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.48 |
| LOGANBILL FERTILIZER INC. | | SYRACUSE, MO | | | |
| 5290 | 9.0-23.0-30.0 | 9.2 | 23.4 | 30.9 | 102.23 |
| 5294 | 9.0-23.0-30.0 | 9.1 | 22.9 | 31.5 | 101.60 |
| 3916 | 26.0- 6.0- 9.0 | 27.5 | 6.0 | 8.4 | 103.29 |
| 3510 | 26.0- 8.0- 8.0 | 26.2 | 8.6 | 9.0 | 103.42 |
| #TOTALS - NO. SAMPLES | | 4 - SMPLS | MISBRANDED | 0 - | 102.55 |
| LOHMAN PRODUCERS EXCHANGE | | LOHMAN, MO | | | |
| 3186 | 18.0-18.0-18.0 | 17.7 | 19.7 | 16.0* | 100.89 |
| 3183 | 27.5-13.0-13.0 | 26.8 | 14.9 | 14.1 | 103.72 |
| 3184 | 27.5-13.0-13.0 | 27.3 | 13.7 | 14.6 | 102.77 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 1 - | 102.48 |
| LOIDA AG SERVICE LLC | | STE GENEVIEVE, MO | | | |
| 5004 | 0.0-22.0-30.0 | 0.0 | 21.8 | 32.3 | 102.57 |
| 4905 | 30.0- 9.0-12.0 | 29.4 | 10.2 | 13.8 | 103.33 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 102.98 |
| MADISON COUNTY FARM SUPPLY | | FREDERICKTOWN, MO | | | |
| 3770 | 19.5-19.5-19.5 | 17.6 | 20.8 | 20.8 | 100.10 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.10 |
| MARSHFIELD MILLS INC | | MARSHFIELD, MO | | | |
| 4653 | 19.6- 9.8-19.6 | 20.0 | 9.6 | 19.4 | 100.26 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.26 |
| MFA AGRI SERVICES | | ADVANCE, MO | | | |
| 3785 | 12.0-12.0-33.0 | 11.2 | 11.4 | 36.2 | 100.49 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.49 |
| MFA AGRI SERVICES | | ALBANY, MO | | | |
| 3594** | 7.3-18.7-34.3 | 7.9 | 19.4 | 34.5 | 103.24 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.24 |
| MFA AGRI SERVICES | | ASH GROVE, MO | | | |
| 3911 | 19.5- 9.7-19.5 | 19.7 | 9.4 | 19.5 | 99.74 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.74 |
| MFA AGRI SERVICES | | BENTON, MO | | | |
| 3581** | 2.0- 0.0-35.0 | 1.9 | 0.0 | 34.5 | 98.21 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 98.21 |
| MFA AGRI SERVICES | | BERNIE, MO | | | |
| 3808** | 13.0-19.0-17.0 | 13.2 | 20.0 | 18.6 | 104.94 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 104.94 |

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA AGRI SERVICES BETHANY, MO | | | | | |
| 2677 | 9.0-23.1-30.2 | 8.9 | 23.2 | 31.0 | 100.85 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.85 | | | | | |
| MFA AGRI SERVICES BIRCH TREE, MO | | | | | |
| 2363 | 19.0- 6.0-19.0 | 18.8 | 4.8* | 23.5 | 102.46 |
| 2364 | 19.0- 6.0-19.0 | 19.5 | 4.5* | 22.2 | 101.74 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 2 - 102.10 | | | | | |
| MFA AGRI SERVICES BOONVILLE, MO | | | | | |
| 4577 | 14.7-22.0-22.0 | 13.8 | 23.5 | 22.7 | 101.99 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 102.68 | | | | | |
| MFA AGRI SERVICES BROOKFIELD, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.84 | | | | | |
| MFA AGRI SERVICES BROWNING, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.60 | | | | | |
| MFA AGRI SERVICES BURLINGTON JCT, MO | | | | | |
| 2802** | 35.8-11.9- 0.0 | 37.4 | 11.6 | 0.0 | 102.73 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 103.41 | | | | | |
| MFA AGRI SERVICES CABOOL, MO | | | | | |
| 3501 | 17.4-17.5-17.5 | 18.0 | 17.5 | 17.3 | 101.15 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.15 | | | | | |
| MFA AGRI SERVICES CALIFORNIA, MO | | | | | |
| 2462 | 21.3-29.7- 8.5 | 21.3 | 30.4 | 8.4 | 101.18 |
| 3764 | 24.4-12.2-18.3 | 23.0 | 13.0 | 20.0 | 100.55 |
| 3762 | 25.2-15.1-15.1 | 25.0 | 15.7 | 15.1 | 100.84 |
| 2461 | 27.2-13.6-13.6 | 27.2 | 15.2 | 13.2 | 102.94 |
| 3745 | 30.4- 0.0-20.3 | 31.7 | 0.0 | 19.5 | 102.22 |
| #TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 101.51 | | | | | |
| MFA AGRI SERVICES CARYTOWN, MO | | | | | |
| 4927 | 19.3-19.3-19.3 | 18.3 | 19.6 | 20.5 | 99.79 |
| 4495 | 23.3-11.6-11.6 | 23.6 | 13.0 | 10.9 | 103.32 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.40 | | | | | |
| MFA AGRI SERVICES CENTRALIA, MO | | | | | |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 103.55 | | | | | |
| MFA AGRI SERVICES CHILLICOTHE, MO | | | | | |
| 5006** | 8.9-25.3-25.3 | 8.8 | 26.5 | 24.8 | 101.81 |
| 5007** | 8.9-25.3-25.3 | 8.7 | 25.7 | 25.9 | 101.07 |
| 5008** | 11.5-45.2- 0.0 | 11.9 | 45.9 | 0.0 | 101.94 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.62 | | | | | |
| MFA AGRI SERVICES CLARK, MO | | | | | |
| 4973 | 4.0-19.0-38.0 | 4.3 | 19.5 | 38.1 | 102.02 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.02 | | | | | |
| MFA AGRI SERVICES COLUMBIA, MO | | | | | |
| 4496 | 25.2-12.6- 8.4 | 26.4 | 11.2* | 7.1* | 97.98 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 97.98 | | | | | |
| MFA AGRI SERVICES CONCEPTION JCT, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.92 | | | | | |
| MFA AGRI SERVICES CROCKER, MO | | | | | |
| 4493 | 23.0-11.5-11.5 | 22.9 | 11.9 | 12.6 | 102.11 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.11 | | | | | |
| PRODUCERS MFA AGRI-SERVICES EL DORADO SPRINGS, MO | | | | | |
| 4134 | 17.7-17.7-17.7 | 18.5 | 17.0 | 15.6* | 97.85 |
| 4135 | 17.7-17.7-17.7 | 18.5 | 16.4 | 16.0 | 96.95* |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 2 - 97.40 | | | | | |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA AGRI SERVICES ESSEX, MO | | | | | |
| 3743** | 40.0- 0.0- 0.0 | 39.0 | 0.0 | 0.0 | 97.50 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 97.50 | | | | | |
| MFA AGRI SERVICES FULTON, MO | | | | | |
| 3506 | 20.0-15.0-15.0 | 20.0 | 16.2 | 15.7 | 103.65 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.65 | | | | | |
| MFA AGRI SERVICES GALLATIN, MO | | | | | |
| #TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 101.31 | | | | | |
| GLASGOW MFA GLASGOW, MO | | | | | |
| 4975 | 3.5-16.5-41.5 | 3.7 | 16.8 | 41.7 | 101.47 |
| 4926 | 19.5-19.5-19.5 | 18.8 | 19.4 | 20.5 | 99.38 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.33 | | | | | |
| MFA AGRI SERVICES - WEST HALE, MO | | | | | |
| 4584** | 4.7-12.1-16.2 | 5.0 | 13.0 | 16.0 | 104.42 |
| 4564** | 40.7- 0.0- 0.0 | 39.2 | 0.0 | 0.0 | 96.31* |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 99.39 | | | | | |
| MFA AGRI SERVICES HAMILTON, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.09 | | | | | |
| MFA AGRI SERVICES HANNIBAL, MO | | | | | |
| 5143** | 8.3-23.3-23.3 | 8.8 | 22.6 | 23.4 | 99.65 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.00 | | | | | |
| MFA AGRI SERVICES HIGGINSVILLE, MO | | | | | |
| 3400 | 5.9-28.0-28.0 | 6.8 | 28.9 | 27.1 | 102.82 |
| 4962 | 5.9-28.0-28.0 | 6.5 | 28.6 | 27.1 | 101.57 |
| 3967 | 28.7-12.6-12.6 | 28.7 | 13.7 | 12.7 | 102.42 |
| 4907** | 29.9-10.0- 9.9 | 29.2 | 10.3 | 11.3 | 100.67 |
| 4908 | 29.9-10.0- 9.9 | 28.2 | 10.6 | 11.5 | 99.33 |
| 3964** | 39.8- 0.0- 0.0 | 39.9 | 0.0 | 0.0 | 100.25 |
| #TOTALS - NO. SAMPLES 12 - SMPLS MISBRANDED 0 - 101.79 | | | | | |
| MFA AGRI SERVICES IANTHA, MO | | | | | |
| 4957 | 9.0-23.0-30.0 | 8.7 | 23.0 | 30.0 | 99.36 |
| 4929** | 10.9-13.1-27.4 | 10.2 | 12.8 | 28.3 | 98.54 |
| 4928** | 18.4- 5.5-18.4 | 17.2 | 6.8 | 18.5 | 100.45 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.40 | | | | | |
| MFA AGRI SERVICES JACKSON, MO | | | | | |
| 3746** | 20.0- 0.0-24.0 | 20.4 | 0.0 | 26.1 | 104.53 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.53 | | | | | |
| MFA AGRI SERVICES JEFFERSON CITY, MO | | | | | |
| 2149 | 24.0-11.0-11.0 | 24.1 | 10.7 | 12.2 | 100.99 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.13 | | | | | |
| MFA AGRI SERVICES KIRKSVILLE, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.49 | | | | | |
| MFA AGRI SERVICES LABELLE, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.36 | | | | | |
| MFA AGRI SERVICES LADDONIA, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.21 | | | | | |
| MFA AGRI SERVICES LA PLATA, MO | | | | | |
| 4586 | 5.5-26.0-30.0 | 5.7 | 26.6 | 30.0 | 101.72 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.72 | | | | | |
| MFA AGRI SERVICES LEXINGTON, MO | | | | | |
| 3816 | 5.9-28.0-28.0 | 6.5 | 27.7 | 28.4 | 101.04 |
| 3817 | 5.9-28.0-28.0 | 6.3 | 27.1 | 28.8 | 99.79 |
| 3383 | 24.1-16.0-16.0 | 25.0 | 15.6 | 15.6 | 100.62 |
| 4906** | 30.5-10.9-10.9 | 30.6 | 10.6 | 11.3 | 100.00 |
| #TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 101.01 | | | | | |

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA AGRI SERVICES LOCKWOOD, MO | | | | | |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 98.77 | | | | | |
| MFA AGRI SERVICES LOUISIANA, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.19 | | | | | |
| MFA AGRI SERVICES MACON, MO | | | | | |
| 4585 | 4.7-22.6-33.9 | 4.9 | 22.7 | 34.6 | 101.47 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.47 | | | | | |
| MFA AGRI SERVICES MANSFIELD, MO | | | | | |
| 4278 | 27.6- 6.9- 6.9 | 29.3 | 5.9* | 6.1* | 100.79 |
| 5059 | 27.6- 6.9- 6.9 | 28.0 | 6.8 | 6.4 | 100.13 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 100.46 | | | | | |
| MFA AGRI SERVICES MARSHFIELD, MO | | | | | |
| 4651 | 17.7-17.7-17.7 | 18.4 | 18.3 | 16.4 | 101.47 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.47 | | | | | |
| MFA AGRI SERVICES MARTINSBURG, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.10 | | | | | |
| MFA AGRI SERVICES MARYVILLE, MO | | | | | |
| 2710** | 7.2-24.0-24.0 | 7.7 | 27.7 | 21.5* | 106.83 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 2 - 101.38 | | | | | |
| MFA AGRI SERVICES MAYSVILLE, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.21 | | | | | |
| MFA AGRI SERVICES MEXICO, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 97.23 | | | | | |
| MFA AGRI SERVICES MILAN, MO | | | | | |
| 3972 | 26.8-13.4-13.4 | 26.8 | 13.3 | 14.5 | 100.96 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.96 | | | | | |
| MFA AGRI SERVICES MOBERLY, MO | | | | | |
| 5056 | 23.6-11.8-11.7 | 24.5 | 10.4* | 10.5* | 97.33 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 98.54 | | | | | |
| MFA AGRI SERVICES MONTGOMERY CITY, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 95.99 | | | | | |
| MFA AGRI SERVICES NELSON, MO | | | | | |
| 4759 | 5.5-28.0-28.0 | 6.9 | 28.1 | 28.2 | 103.37 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.37 | | | | | |
| MFA AGRI SERVICES NEOSHO, MO | | | | | |
| 4658 | 22.8- 7.6-15.2 | 23.0 | 8.4 | 14.2 | 101.32 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.32 | | | | | |
| PRODUCERS MFA AGRI-SERVICES NEVADA, MO | | | | | |
| 4569 | 27.2-13.6-13.6 | 27.3 | 14.2 | 13.7 | 101.58 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.58 | | | | | |
| MFA AGRI SERVICES NORBORNE, MO | | | | | |
| 4974 | 4.0-19.2-38.4 | 4.2 | 19.0 | 38.4 | 100.00 |
| #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 101.35 | | | | | |
| MFA AGRI SERVICES ODESSA, MO | | | | | |
| 3821** | 3.2-15.2-12.9 | 3.6 | 15.2 | 13.2 | 102.21 |
| 2672 | 31.6-10.5-10.5 | 31.2 | 11.3 | 11.1 | 101.48 |
| 3748 | 31.5-10.5-10.5 | 28.7* | 10.8 | 11.1 | 95.34* |
| #TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 2 - 100.98 | | | | | |
| MFA AGRI SERVICES OWENSVILLE, MO | | | | | |
| 4760 | 13.0-33.5-15.5 | 13.1 | 33.4 | 16.2 | 100.65 |
| 3918 | 27.0- 6.5- 6.5 | 29.0 | 5.7* | 6.2 | 102.86 |
| 4841 | 28.5- 5.5- 5.5 | 29.4 | 5.7 | 5.7 | 103.27 |
| 3919 | 30.0- 0.0- 5.5 | 30.8 | 0.0 | 6.4 | 103.82 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA AGRI SERVICES OWENSVILLE, MO | | | | | |
| 3920 | 30.0- 0.0- 5.5 | 30.9 | 0.0 | 6.1 | 103.66 |
| #TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 1 - 102.61 | | | | | |
| MFA AGRI SERVICES PATTONSBURG, MO | | | | | |
| 5167** | 27.9-11.6-11.6 | 26.6 | 13.7 | 12.2 | 102.43 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.43 | | | | | |
| MFA AGRI SERVICES ROLLA, MO | | | | | |
| 3907 | 17.5-17.5-17.5 | 17.9 | 17.2 | 17.7 | 100.46 |
| 3908 | 17.5-17.5-17.5 | 18.8 | 16.6 | 17.0 | 100.34 |
| 3914 | 20.0-18.0-12.0 | 20.9 | 17.7 | 11.3 | 100.57 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.45 | | | | | |
| MFA AGRI SERVICES STE GENEVIEVE, MO | | | | | |
| 4916 | 27.0- 0.0-24.5 | 25.5 | 0.0 | 27.4 | 99.87 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.87 | | | | | |
| MFA AGRI SERVICES SALEM, MO | | | | | |
| 3319 | 11.5-11.5-11.5 | 12.0 | 11.3 | 11.8 | 101.57 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.57 | | | | | |
| MFA AGRI SERVICES SALISBURY, MO | | | | | |
| 4970 | 5.2-24.5-32.7 | 5.3 | 24.3 | 33.4 | 100.54 |
| 4963 | 5.9-28.3-28.3 | 6.5 | 29.2 | 27.4 | 102.17 |
| 4961** | 6.1-29.2-21.3 | 6.7 | 29.7 | 22.1 | 103.26 |
| 3763** | 24.9-11.0-15.9 | 25.5 | 10.8 | 16.5 | 101.60 |
| 4574** | 25.0-11.0-15.9 | 25.1 | 12.1 | 15.8 | 102.62 |
| #TOTALS - NO. SAMPLES 8 - SMPLS MISBRANDED 0 - 102.38 | | | | | |
| MFA AGRI SERVICES SEDALIA, MO | | | | | |
| 4971** | 5.1-24.2-29.1 | 5.3 | 24.6 | 29.2 | 101.48 |
| 3973 | 23.4-15.6-15.6 | 24.0 | 16.0 | 15.7 | 102.24 |
| 4920** | 26.5-11.4-12.4 | 26.5 | 11.6 | 12.6 | 100.68 |
| 3970** | 27.3-10.9-10.9 | 28.2 | 11.6 | 10.2 | 102.86 |
| 4910 | 29.0- 9.7-13.5 | 29.8 | 9.1 | 14.1 | 101.10 |
| #TOTALS - NO. SAMPLES 10 - SMPLS MISBRANDED 1 - 102.45 | | | | | |
| MFA AGRI SERVICES SHELBYNA, MO | | | | | |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.15 | | | | | |
| MFA AGRI SERVICES SHERIDAN, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.48 | | | | | |
| MFA AGRI SERVICES SPRINGFIELD, MO | | | | | |
| 4836 | 19.1-11.4-19.1 | 21.0 | 11.1 | 16.2* | 100.37 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 100.37 | | | | | |
| MFA INC - STEELVILLE | | | | | |
| 3185 | 19.0-19.0-19.0 | 18.9 | 19.7 | 20.4 | 102.74 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.63 | | | | | |
| MFA AGRI SERVICES TIPTON, MO | | | | | |
| 5293 | 8.5-21.8-32.7 | 8.5 | 21.4 | 33.6 | 100.11 |
| 3755 | 27.4-13.7-13.7 | 27.5 | 13.8 | 13.8 | 100.52 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.31 | | | | | |
| MFA AGRI SERVICES TRENTON, MO | | | | | |
| 4126 | 25.2- 6.3-12.8 | 25.6 | 6.3 | 11.6 | 99.47 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.47 | | | | | |
| MFA AGRI SERVICES VANDALIA, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.69 | | | | | |
| PRODUCERS MFA AGRI-SERVICES WALKER, MO | | | | | |
| 4663 | 24.8- 9.9- 9.9 | 26.0 | 8.3* | 8.9* | 97.73 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 97.73 | | | | | |
| MFA AGRI SERVICES WARRENTON, MO | | | | | |
| 4351 | 14.5-13.5-29.5 | 14.3 | 14.6 | 29.7 | 102.34 |
| 4343 | 19.0-19.0-19.0 | 18.2 | 20.2 | 20.0 | 101.89 |

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| MFA AGRI SERVICES WARRENTON, MO | | | | | |
| 3768 | 21.5-11.5-21.5 | 22.1 | 11.7 | 21.3 | 101.60 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.94 | | | | | |
| MFA AGRI SERVICES WENTZVILLE, MO | | | | | |
| 3769 | 21.0- 8.5-25.5 | 21.1 | 8.6 | 25.4 | 100.36 |
| 3758 | 27.0-13.5-13.5 | 26.5 | 14.3 | 14.8 | 102.01 |
| 3753 | 29.5-11.5-11.5 | 29.4 | 11.8 | 12.6 | 101.60 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.35 | | | | | |
| MFA AGRI SERVICES WHEATON, MO | | | | | |
| 3511 | 24.7- 0.0-16.2 | 26.3 | 0.0 | 14.2* | 101.83 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 101.83 | | | | | |
| MFA AGRI SERVICES WINDSOR, MO | | | | | |
| 3976 | 18.3-18.3-18.3 | 18.4 | 18.2 | 18.7 | 100.44 |
| 4124** | 30.4- 0.0- 0.0 | 31.0 | 0.0 | 0.0 | 101.97 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.28 | | | | | |
| MFA EXCHANGE - META META, MO | | | | | |
| 2811 | 8.5-21.5-31.0 | 8.6 | 22.0 | 31.5 | 101.87 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.87 | | | | | |
| MID MISSOURI ENVIRO AGRI SERVICES EMMA, MO | | | | | |
| 3401 | 5.1-24.1-32.1 | 5.5 | 23.4 | 33.4 | 100.77 |
| 4921 | 25.2-14.4-14.4 | 25.6 | 15.8 | 13.7 | 103.10 |
| 3378 | 31.5-10.5-10.1 | 28.1* | 10.9 | 15.2 | 99.04 |
| #TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 1 - 102.11 | | | | | |
| MIDVALE FARM SUPPLY SUMMERSVILLE, MO | | | | | |
| 4064 | 9.0- 2.4- 1.6 | 15.2 | 1.8* | 1.3* | 144.67 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 144.67 | | | | | |
| MIDWEST FERTILIZER - DEERFIELD DEERFIELD, MO | | | | | |
| 4588 | 9.0-23.0-30.0 | 8.6 | 22.0 | 31.7 | 98.83 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.83 | | | | | |
| MIDWEST FERTILIZER METZ, MO | | | | | |
| 4348 | 16.0-22.0-22.0 | 15.8 | 22.7 | 22.1 | 101.12 |
| 4913** | 28.0-10.0-14.0 | 28.3 | 10.5 | 13.7 | 101.44 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.27 | | | | | |
| MIDWEST FERTILIZER SHELDON, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.31 | | | | | |
| MONTROSE AGRI SERVICE MONTROSE, MO | | | | | |
| 4924 | 23.2-16.5-16.5 | 23.8 | 16.2 | 16.1 | 100.21 |
| 5057 | 24.0-11.0-11.0 | 25.7 | 9.0* | 9.1* | 96.91* |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 98.69 | | | | | |
| MO VALLEY AGRI SERVICE ROCK PORT, MO | | | | | |
| 3597 | 7.0-32.0-23.0 | 7.1 | 33.0 | 22.5 | 101.68 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.68 | | | | | |
| MRM AG SERVICE INC EAST PRAIRIE, MO | | | | | |
| 3598** | 5.9-15.0-27.0 | 5.4 | 14.0 | 27.7 | 96.66* |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 96.66 | | | | | |
| MYRTLE FERTILIZER & SEED MYRTLE, MO | | | | | |
| 3321 | 23.0- 7.0-15.0 | 22.5 | 8.0 | 16.0 | 102.67 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.67 | | | | | |
| NAYLOR AG., INC NAYLOR, MO | | | | | |
| 3975** | 20.0-14.0- 0.0 | 28.2 | 15.8 | 0.0 | 129.41 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 129.41 | | | | | |
| NEELYVILLE FARM CENTER POCAHONTAS, AR | | | | | |
| 4044 | 0.0-23.0-30.0 | 0.0 | 24.6 | 28.1 | 101.71 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.71 | | | | | |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| NEW HAVEN FARM & FEED NEW HAVEN, MO | | | | | |
| 4917 | 27.0-13.0-13.0 | 27.0 | 13.6 | 14.1 | 102.47 |
| 4903 | 34.5- 9.0- 7.0 | 35.0 | 9.8 | 7.1 | 102.87 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.67 | | | | | |
| OLEAN FERTILIZER INC OLEAN, MO | | | | | |
| 3776 | 15.0- 9.0-33.0 | 14.7 | 9.9 | 33.8 | 102.47 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.47 | | | | | |
| ORRICK FARM SERVICE, INC ORRICK, MO | | | | | |
| #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.28 | | | | | |
| PILOT GROVE COOPERATIVE ELEVATOR PILOT GROVE, MO | | | | | |
| 4654 | 21.0-12.5-12.5 | 23.4 | 9.4* | 13.0 | 98.87 |
| 4566 | 28.5-12.0-12.0 | 29.9 | 10.7* | 12.6 | 100.86 |
| #TOTALS - NO. SAMPLES 9 - SMPLS MISBRANDED 2 - 102.05 | | | | | |
| PRAIRIE HOME COOP PRAIRIE HOME, MO | | | | | |
| 3784 | 13.4-11.9-34.2 | 13.1 | 12.3 | 34.0 | 100.00 |
| 3761 | 25.5-15.3-15.3 | 25.6 | 15.6 | 15.0 | 100.52 |
| 3751 | 29.9-12.0-12.0 | 30.5 | 11.2 | 12.3 | 99.90 |
| #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.15 | | | | | |
| PRO AG SERVICES, LLC ALBANY, MO | | | | | |
| 3596** | 10.9-27.9-18.6 | 11.2 | 29.0 | 18.7 | 103.01 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.01 | | | | | |
| PRODUCE EXCHANGE GOLDEN CITY, MO | | | | | |
| 3110** | 20.9-12.5-16.7 | 21.0 | 12.6 | 17.0 | 100.84 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.84 | | | | | |
| PRODUCERS GRAIN CO-BRONAUGH BRONAUGH, MO | | | | | |
| 5048 | 16.9-16.9-16.9 | 17.8 | 17.2 | 15.6 | 101.30 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.30 | | | | | |
| QMI FERTILIZER & GRAIN, INC PARMA, MO | | | | | |
| 3809** | 12.0-14.0- 0.0 | 12.6 | 14.5 | 0.0 | 104.23 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.23 | | | | | |
| QUINN FARM SUPPLY, INC MONROE CITY, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00 | | | | | |
| RAY CARROLL COUNTY GRAIN GROWERS BRUNSWICK, MO | | | | | |
| 4967** | 5.6-26.6-26.6 | 6.6 | 26.3 | 25.9 | 100.77 |
| 4341 | 22.5-10.0-22.5 | 21.0 | 13.3 | 22.6 | 104.23 |
| 4342 | 22.5-10.0-22.5 | 21.4 | 11.6 | 23.4 | 102.17 |
| 4918 | 26.9-13.4-13.4 | 28.2 | 13.2 | 13.0 | 101.91 |
| 4919 | 26.9-13.4-13.4 | 27.6 | 13.3 | 13.6 | 101.49 |
| #TOTALS - NO. SAMPLES 12 - SMPLS MISBRANDED 1 - 102.10 | | | | | |
| RAY-CARROLL COUNTY GRAIN GROWERS, INC CARROLLTON, MO | | | | | |
| 4960** | 6.3-30.0-21.0 | 6.7 | 30.6 | 21.1 | 102.24 |
| #TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 101.88 | | | | | |
| RAY-CARROLL COUNTY GRAIN GROWERS HARDIN, MO | | | | | |
| #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 103.09 | | | | | |
| RAY-CARROLL COUNTY GRAIN GROWERS MAYVIEW, MO | | | | | |
| 3810 | 10.1-25.9-26.9 | 10.4 | 26.2 | 26.5 | 100.81 |
| 3811 | 10.1-25.9-26.9 | 10.0 | 25.2 | 27.6 | 99.09 |
| 3765 | 24.2-16.1-16.1 | 24.2 | 16.4 | 16.0 | 100.52 |
| 2228** | 31.5-11.8- 5.9 | 30.0 | 13.9 | 5.4 | 100.76 |
| #TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 101.52 | | | | | |
| RAY-CARROLL COUNTY GRAIN GROWERS NORBORNE, MO | | | | | |
| 5005** | 4.9-17.5-34.9 | 5.0 | 17.8 | 37.2 | 103.89 |
| 4968 | 5.5-27.8-27.8 | 6.3 | 28.8 | 27.4 | 103.39 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 102.28 | | | | | |
| RICHLAND PLANT FOOD SERVICE, INC RICHLAND, MO | | | | | |
| 2463 | 19.0-19.0-19.0 | 18.4 | 18.6 | 20.6 | 99.58 |

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------------------|----------------|-------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| RICHLAND PLANT FOOD SERVICE, INC | | RICHLAND, MO | | | |
| 2464 | 19.0-19.0-19.0 | 19.0 | 19.5 | 18.7 | 100.74 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 100.15 |
| RICKETTS FARM SERVICE -SOUTH PLANT | | CAIRO, MO | | | |
| 5052** | 22.1-10.1-13.7 | 22.6 | 9.8 | 13.2 | 99.87 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.87 |
| RICKETTS FARM SERVICE INC | | SALISBURY, MO | | | |
| 5291 | 5.9-28.2-28.2 | 6.4 | 28.2 | 29.1 | 101.97 |
| 5292 | 5.9-28.2-28.2 | 7.0 | 29.9 | 26.9 | 104.46 |
| 4572 | 25.1-18.8-12.5 | 24.8 | 19.0 | 13.2 | 100.50 |
| 4573 | 25.1-18.8-12.5 | 24.8 | 18.9 | 13.5 | 100.60 |
| #TOTALS - NO. SAMPLES | | 5 - SMPLS | MISBRANDED | 0 - | 102.74 |
| RICKETT'S FARM SERVICE | | SHELBY, MO | | | |
| 4840 | 22.1-13.2-13.2 | 21.8 | 13.1 | 14.2 | 100.24 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.24 |
| RIVER VALLEY AG | | HOPKINS, MO | | | |
| 3578 | 38.2- 5.5- 5.4 | 38.0 | 6.2 | 5.6 | 101.29 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.29 |
| RKL PLANT FOODS LLC | | MARIONVILLE, MO | | | |
| 4837 | 19.8- 9.9-19.7 | 20.4 | 9.1 | 18.8 | 98.36 |
| 4839 | 22.9- 7.7-15.3 | 23.3 | 7.6 | 15.5 | 101.05 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 99.67 |
| J.P. ROSS COTTON CO. | | ESSEX, MO | | | |
| 3783** | 14.0-15.0-22.0 | 13.3 | 15.2 | 24.8 | 102.25 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.25 |
| SALISBURY AG CENTER, INC | | SALISBURY, MO | | | |
| 4944** | 15.0-12.0-14.5 | 14.5 | 12.1 | 16.1 | 101.17 |
| 4568 | 27.9-11.5-14.5 | 28.0 | 11.9 | 15.5 | 102.14 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 0 - | 101.88 |
| SCHAEPERKOTTER STORE INC | | MT STERLING, MO | | | |
| 3754 | 28.0-10.0-15.0 | 27.1 | 11.2 | 16.4 | 102.20 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.20 |
| SEED & FARM SUPPLY, INC. | | LIBERAL, MO | | | |
| 4953 | 9.3-23.8-28.9 | 9.2 | 24.6 | 28.4 | 100.95 |
| 4955 | 9.0-23.0-30.0 | 9.7 | 24.8 | 28.0 | 103.19 |
| 4956 | 9.0-23.0-30.0 | 8.9 | 23.4 | 29.9 | 100.53 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 0 - | 101.55 |
| SERVICE AND SUPPLY COOPERATIVE, INC | | BOWLING GREEN, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.81 |
| SHAWNEETOWN FEED & SEED CO. | | JACKSON, MO | | | |
| 3814 | 8.0-21.0-28.0 | 8.9 | 22.6 | 30.6 | 108.84 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 108.84 |
| JEFF SHRABLE LLC, | | SEYMOUR, MO | | | |
| 4492 | 22.7- 7.5-15.0 | 21.6 | 9.4 | 16.4 | 103.98 |
| 5050 | 22.0- 7.0-15.0 | 23.2 | 7.4 | 14.1 | 103.15 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 1 - | 102.14 |
| SOUTHEAST COOPERATIVE SERVICE CO | | ADVANCE, MO | | | |
| 3742** | 41.0- 0.0- 0.0 | 40.5 | 0.0 | 0.0 | 98.78 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 98.78 |
| SOUTHEAST COOPERATIVE SERVICE CO | | DEXTER, MO | | | |
| 3777** | 15.0-17.0-19.0 | 14.6 | 18.6 | 21.4 | 105.78 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 105.78 |
| SOUTHEAST COOP SERVICE CO-MESSLER | | ADVANCE, MO | | | |
| 4177** | 11.0-20.0-26.0 | 10.8 | 19.1 | 28.0 | 99.77 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.77 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|-------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| SOUTHEAST COOPERATIVE SERVICE CO | | MOREHOUSE, MO | | | |
| 3815 | 7.0-18.0-31.0 | 7.4 | 18.6 | 31.9 | 103.58 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.58 |
| SOUTHEAST COOPERATIVE SERVICE CO | | ADVANCE, MO | | | |
| 3812** | 10.0-10.0-25.0 | 10.1 | 11.7 | 28.3 | 110.62 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 110.62 |
| SOUTHEAST COOPERATIVE SERVICE CO | | PUXICO, MO | | | |
| 4008** | 11.0-17.0-24.0 | 10.8 | 17.4 | 25.3 | 102.13 |
| 3965** | 31.0- 0.0- 0.0 | 31.2 | 0.0 | 0.0 | 100.65 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 101.47 |
| ST CHARLES COUNTY COOPERATIVE CO | | ST CHARLES, MO | | | |
| 3750 | 29.9- 7.4-14.9 | 28.5 | 7.3 | 17.8 | 99.89 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.89 |
| STOCKTON FARMERS EXCHANGE | | STOCKTON, MO | | | |
| 4274 | 20.3- 6.8-20.3 | 20.0 | 6.9 | 21.5 | 101.07 |
| 4275 | 22.9- 7.6-15.3 | 25.3 | 7.8 | 11.4* | 101.70 |
| 4277 | 23.4-11.7-11.7 | 24.2 | 10.7 | 12.2 | 100.12 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 1 - | 100.94 |
| STOVER MILLING CO, INC | | STOVER, MO | | | |
| 3381 | 31.0-10.0-10.0 | 29.0 | 11.0 | 12.6 | 100.65 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.65 |
| SUR-GRO PLANT FOOD | | APPLETON CITY, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.55 |
| SUR-GRO PLANT FOOD | | COWGILL, MO | | | |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 102.12 |
| SUR-GRO PLANT FOOD CO | | DEARBORN, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 98.88 |
| SUR-GRO PLANT FOOD | | FOREST CITY, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 91.51 |
| SUR-GRO PLANT FOOD | | KING CITY, MO | | | |
| 3687 | 17.2-17.2-17.2 | 17.4 | 16.8 | 17.9 | 100.35 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 1 - | 103.97 |
| SUR-GRO PLANT FOOD | | OSBORN, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 98.59 |
| SUR-GRO PLANT FOOD | | SAVANNAH, MO | | | |
| 4665 | 29.5- 4.9- 4.9 | 30.3 | 5.5 | 4.9 | 103.80 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 103.80 |
| SUR-GRO PLANT FOOD | | WESTON, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 95.77 |
| THAYER PLANT FOOD | | THAYER, MO | | | |
| 3320 | 17.0-17.0-17.0 | 17.0 | 18.4 | 18.8 | 105.41 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 105.41 |
| THE MULE BARN LLC | | DEXTER, MO | | | |
| 3782** | 14.0-14.0-25.0 | 13.3 | 14.3 | 26.4 | 100.74 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.74 |
| TWO RIVERS FS, INC. | | KAHOKA, MO | | | |
| 4379 | 11.1-28.5-22.8 | 11.2 | 28.9 | 22.7 | 100.88 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 100.88 |
| TYREE'S FERTILIZER INC. | | WEST PLAINS, MO | | | |
| 4131 | 21.0-14.0-14.0 | 21.8 | 13.2 | 13.8 | 99.76 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.76 |
| UNITED COOPERATIVES INC | | OSBORN, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.23 |

BULK BLEND FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------------------------|----------------|------------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| WASHINGTON COUNTY FARM SUPPLY | | BELGRADE, MO | | | |
| 3582 | 13.0-13.0-13.0 | 12.6 | 14.0 | 13.0 | 101.85 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 101.85 |
| WEAUBLEAU FARMERS EXCHANGE | | WEAUBLEAU, MO | | | |
| 4657 | 22.8- 7.6-15.2 | 24.6 | 5.8* | 13.8 | 98.16 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 98.16 |
| WEST CENTRAL AGRISERVICES, LLC | | ADRIAN, MO | | | |
| 4950 | 10.1-26.0-26.0 | 9.5 | 24.8 | 28.1 | 98.47 |
| 4951 | 10.1-26.0-26.0 | 9.8 | 25.5 | 27.1 | 99.49 |
| 4922 | 25.0-11.4-18.2 | 22.8* | 14.2 | 18.9 | 102.09 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 1 - | 99.96 |
| WEST CENTRAL AGRISERVICES, LLC | | CENTERVIEW, MO | | | |
| 4491** | 15.5-15.5-15.5 | 15.4 | 15.6 | 15.7 | 100.26 |
| 2365 | 21.1-14.0-14.0 | 20.7 | 14.4 | 15.0 | 101.19 |
| 4334 | 30.3-11.4-11.3 | 30.4 | 11.3 | 11.8 | 100.53 |
| #TOTALS - NO. SAMPLES | | 6 - SMPLS | MISBRANDED | 1 - | 101.64 |
| WEST CENTRAL AGRISERVICES, LLC | | RICH HILL, MO | | | |
| 4337 | 27.2-13.6-13.6 | 26.9 | 15.2 | 13.2 | 102.31 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 101.12 |
| WHITWORTH AG SPECIALTIES LLC | | WORTHINGTON, MO | | | |
| 4375 | 4.7-12.2-23.8 | 4.4 | 11.5 | 23.3 | 95.66* |
| 4911** | 28.9- 9.6-12.8 | 27.7 | 10.8 | 13.5 | 100.78 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 1 - | 98.77 |
| YOUNG ENTERPRISES, INC | | NEW HARTFORD, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 99.18 |
| YOUNG'S PRODUCE, INC | | ALTON, MO | | | |
| 3323 | 23.0-11.0-11.0 | 25.9 | 10.4 | 8.8* | 103.04 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 103.04 |

* Subject to penalty (either 10% or two units deficient from guarantee in nutrient indicated, or 3% deficient in total value).

** Sample analyzed for guaranteed secondary or micronutrients, the results are tabulated beginning page 37.

Totals from July 1, 2012

LIQUID FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|----------------------------------|----------------|-----------------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| AG DISTRIBUTORS, INC | | NASHVILLE, TN | | | |
| 2940** | 22.0- 0.0- 0.0 | 22.1 | 0.0 | 0.0 | 100.45 |
| 2942** | 28.0- 0.0- 0.0 | 28.8 | 0.0 | 0.0 | 102.86 |
| 2943 | 32.0- 0.0- 0.0 | 32.2 | 0.0 | 0.0 | 100.63 |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 0 - | 101.34 |
| AG MANAGEMENT SYSTEMS, INC | | KANSAS CITY, MO | | | |
| 3939 | 6.0-24.0- 6.0 | 6.6 | 24.4 | 5.7 | 102.58 |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 102.58 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 4862** | 4.8-11.4- 0.0 | 5.1 | 12.0 | 0.0 | 105.56 |
| 4863** | 4.8-11.4- 0.0 | 5.3 | 12.4 | 0.0 | 109.26 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 107.40 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| 4873** | 28.9- 0.0- 0.0 | 28.4 | 0.0 | 0.0 | 98.27 |
| 5277** | 29.0- 0.0- 0.0 | 28.5 | 0.0 | 0.0 | 98.28 |
| 4878 | 32.0- 0.0- 0.0 | 32.2 | 0.0 | 0.0 | 100.63 |
| 4879 | 32.0- 0.0- 0.0 | 31.7 | 0.0 | 0.0 | 99.06 |
| #TOTALS - NO. SAMPLES | | 5 - SMPLS | MISBRANDED | 0 - | 99.22 |
| AGRISERVICES OF BRUNSWICK, LLC | | BRUNSWICK, MO | | | |
| #TOTALS - NO. SAMPLES | | 3 - SMPLS | MISBRANDED | 0 - | 101.02 |
| BARTLETT & COMPANY, L.P. | | WAVERLY, MO | | | |
| 4858** | 13.6-10.8-10.8 | 13.7 | 10.7 | 10.8 | 100.00 |
| 2643** | 29.0- 0.0- 0.0 | 29.4 | 0.0 | 0.0 | 101.38 |
| 2644** | 29.0- 0.0- 0.0 | 29.2 | 0.0 | 0.0 | 100.69 |
| 4874** | 29.6- 0.0- 0.0 | 29.6 | 0.0 | 0.0 | 100.00 |
| 4875** | 29.6- 0.0- 0.0 | 29.7 | 0.0 | 0.0 | 100.34 |
| #TOTALS - NO. SAMPLES | | 7 - SMPLS | MISBRANDED | 1 - | 99.82 |
| BEN-TREI FERTILIZER CO, LLC | | TULSA, OK | | | |
| 4526 | 10.0-34.0- 0.0 | 10.2 | 30.9* | 0.0 | 93.41* |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 1 - | 93.41 |
| CENTRAL MISSOURI AGRISERVICE LLC | | BLACKBURN, MO | | | |
| 4860** | 4.2- 7.4-11.1 | 4.7 | 7.5 | 11.1 | 103.50 |
| 4861** | 4.2- 7.4-11.1 | 4.6 | 7.7 | 10.2 | 101.46 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 102.47 |
| CF INDUSTRIES SALES LLC | | DEERFIELD, IL | | | |
| 4871 | 28.0- 0.0- 0.0 | 28.3 | 0.0 | 0.0 | 101.07 |
| 2944 | 32.0- 0.0- 0.0 | 32.5 | 0.0 | 0.0 | 101.56 |
| 2945 | 32.0- 0.0- 0.0 | 32.4 | 0.0 | 0.0 | 101.25 |
| 2946 | 32.0- 0.0- 0.0 | 32.5 | 0.0 | 0.0 | 101.56 |
| 2947 | 32.0- 0.0- 0.0 | 32.7 | 0.0 | 0.0 | 102.19 |
| 3709 | 32.0- 0.0- 0.0 | 32.3 | 0.0 | 0.0 | 100.94 |
| 4693 | 32.0- 0.0- 0.0 | 32.2 | 0.0 | 0.0 | 100.63 |
| #TOTALS - NO. SAMPLES | | 8 - SMPLS | MISBRANDED | 0 - | 101.19 |
| CF INDUSTRIES SALES LLC -BIGELOW | | DEERFIELD, IL | | | |
| 4527 | 28.0- 0.0- 0.0 | 28.0 | 0.0 | 0.0 | 100.00 |
| 4528 | 28.0- 0.0- 0.0 | 28.3 | 0.0 | 0.0 | 101.07 |
| 4529 | 28.0- 0.0- 0.0 | 28.0 | 0.0 | 0.0 | 100.00 |
| 4530 | 32.0- 0.0- 0.0 | 32.2 | 0.0 | 0.0 | 100.63 |
| 4877 | 32.0- 0.0- 0.0 | 31.5 | 0.0 | 0.0 | 98.44 |
| 4880 | 32.0- 0.0- 0.0 | 32.1 | 0.0 | 0.0 | 100.31 |
| #TOTALS - NO. SAMPLES | | 6 - SMPLS | MISBRANDED | 0 - | 100.05 |
| CRAIG SUPPLY | | CRAIG, MO | | | |
| 4867 | 6.0-24.0- 6.0 | 6.8 | 23.6 | 6.0 | 101.21 |
| 4870 | 28.0- 0.0- 0.0 | 28.0 | 0.0 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES | | 2 - SMPLS | MISBRANDED | 0 - | 100.65 |
| DYNO NOBEL, INC | | LOUISIANA, MO | | | |
| #TOTALS - NO. SAMPLES | | 1 - SMPLS | MISBRANDED | 0 - | 115.00 |

LIQUID FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| EVERGREEN LIQUID PLANT FOOD LTD. BRESLAU, ONTARIO, CANADA | | | | | |
| 3150 | 3.0-18.0-18.0 | 4.1 | 17.4 | 16.8 | 99.67 |
| 3152 | 9.0-18.0- 9.0 | 9.7 | 19.2 | 9.9 | 107.46 |
| #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 103.65 | | | | | |
| GAVILON FERTILIZER, LLC NEW FRANKLIN, MO | | | | | |
| 3940 | 32.0- 0.0- 0.0 | 31.7 | 0.0 | 0.0 | 99.06 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.06 | | | | | |
| GAVILON FERTILIZER LLC SAUGET, IL | | | | | |
| 3707 | 10.0-34.0- 0.0 | 9.9 | 33.0 | 0.0 | 97.50 |
| 3708** | 12.0- 0.0- 0.0 | 12.1 | 0.0 | 0.0 | 100.83 |
| 3554 | 32.0- 0.0- 0.0 | 32.0 | 0.0 | 0.0 | 100.00 |
| 4158 | 32.0- 0.0- 0.0 | 32.0 | 0.0 | 0.0 | 100.00 |
| 4302 | 32.0- 0.0- 0.0 | 32.4 | 0.0 | 0.0 | 101.25 |
| 4881 | 32.0- 0.0- 0.0 | 32.1 | 0.0 | 0.0 | 100.31 |
| #TOTALS - NO. SAMPLES 9 - SMPLS MISBRANDED 0 - 100.10 | | | | | |
| GOLDEN TRIANGLE ENERGY, LLC CRAIG, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00 | | | | | |
| GRANITE CITY TERMINAL LLC GRANITE CITY, IL | | | | | |
| 2776 | 28.0- 0.0- 0.0 | 27.5 | 0.0 | 0.0 | 98.21 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.21 | | | | | |
| GREENPOINT AG, LLC PORTAGEVILLE, MO | | | | | |
| 4859 | 2.0- 6.0-12.0 | 4.5 | 6.6 | 11.1 | 118.93 |
| 2936 | 11.0-24.0- 0.0 | 12.0 | 23.8 | 0.0 | 102.29 |
| 2937 | 11.0-24.0- 0.0 | 11.6 | 25.2 | 0.0 | 105.14 |
| 2938 | 11.0-24.0- 0.0 | 11.5 | 23.5 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 104.41 | | | | | |
| HELENA CHEMICAL CO - CANTON WYACONDA, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.62 | | | | | |
| HELENA CHEMICAL CO MEMPHIS, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 90.93 | | | | | |
| MALLORY AG, INC. HOLDEN, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 94.78 | | | | | |
| MERSCHMAN FERTILIZER LLC-(FT MADISON) WEST POINT, IA | | | | | |
| 4292 | 3.0- 9.0-12.0 | 3.0 | 9.2 | 11.9 | 100.83 |
| 4689 | 3.0- 9.0-12.0 | 3.0 | 9.1 | 12.2 | 101.11 |
| 4691 | 7.0-21.0- 7.0 | 7.2 | 20.5 | 7.5 | 99.84 |
| 4692** | 12.0- 0.0- 0.0 | 11.9 | 0.0 | 0.0 | 99.17 |
| #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.25 | | | | | |
| MFA AGRI SERVICES BETHANY, MO | | | | | |
| 4293** | 3.0-18.0-18.0 | 3.0 | 18.2 | 18.2 | 101.00 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.00 | | | | | |
| MFA PLANT FOODS COLUMBIA, MO | | | | | |
| 4531 | 32.0- 0.0- 0.0 | 32.2 | 0.0 | 0.0 | 100.63 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.63 | | | | | |
| MIDWEST AGRI-CHEMICO, INC CAPE GIRARDEAU, MO | | | | | |
| 5075 | 32.0- 0.0- 0.0 | 32.2 | 0.0 | 0.0 | 100.63 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.63 | | | | | |
| MIDWEST FERTILIZER INC PAOLA, KS | | | | | |
| 4301 | 28.0- 0.0- 0.0 | 28.0 | 0.0 | 0.0 | 100.00 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00 | | | | | |
| NA-CHURS/ALPINE SOLUTIONS MARION, OH | | | | | |
| 4525 | 3.0-18.0-18.0 | 3.3 | 18.5 | 18.4 | 103.33 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.33 | | | | | |
| OAKLEY MISSOURI, INC CARUTHERSVILLE, MO | | | | | |
| 4532 | 32.0- 0.0- 0.0 | 32.4 | 0.0 | 0.0 | 101.25 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.25 | | | | | |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|---|----------------|----------|-------------------------------|--------|------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| OSWALD AGRICULTURAL PRODUCTS INC. TARKIO, MO | | | | | |
| 4857** | 6.3-14.3- 8.6 | 6.3 | 14.3 | 9.4 | 101.61 |
| 4856 | 10.0-30.0- 0.0 | 10.2 | 29.6 | 0.0 | 99.50 |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 99.21 | | | | | |
| PCS SALES USA INC NORTHBROOK, IL | | | | | |
| 2939 | 11.0-37.0- 0.0 | 11.5 | 36.7 | 0.0 | 100.42 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.42 | | | | | |
| POOLE CHEMICAL CO INC TEXLINE, TX | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 97.50 | | | | | |
| RICKETTS FARM SERVICE OF CAIRO, INC CAIRO, MO | | | | | |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 95.68 | | | | | |
| RICKETTS FARM SERVICE INC SALISBURY, MO | | | | | |
| #TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 2 - 98.35 | | | | | |
| RIVER BEND AG LLC NEW MADRID, MO | | | | | |
| 4872** | 28.0- 0.0- 0.0 | 28.6 | 0.0 | 0.0 | 102.14 |
| 4876** | 30.0- 0.0- 0.0 | 27.6* | 0.0 | 0.0 | 92.00* |
| 4882 | 32.0- 0.0- 0.0 | 32.0 | 0.0 | 0.0 | 100.00 |
| 4883 | 32.0- 0.0- 0.0 | 32.0 | 0.0 | 0.0 | 100.00 |
| 4884 | 32.0- 0.0- 0.0 | 31.9 | 0.0 | 0.0 | 99.69 |
| 4885 | 32.0- 0.0- 0.0 | 32.1 | 0.0 | 0.0 | 100.31 |
| 4886 | 32.0- 0.0- 0.0 | 32.2 | 0.0 | 0.0 | 100.63 |
| #TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 1 - 99.26 | | | | | |
| ROSEN'S INC LIBERTY, MO | | | | | |
| 4868 | 8.0-24.0- 4.0 | 8.1 | 23.7 | 4.0 | 99.41 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.41 | | | | | |
| SERVICE AND SUPPLY COOPERATIVE, INC BELLFLOWER, MO | | | | | |
| 3153 | 28.0- 0.0- 0.0 | 27.7 | 0.0 | 0.0 | 98.93 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.93 | | | | | |
| SOUTHEAST COOPERATIVE SERVICE CO ADVANCE, MO | | | | | |
| 2941** | 28.0- 0.0- 0.0 | 28.8 | 0.0 | 0.0 | 102.86 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.86 | | | | | |
| TERRA NITROGEN CORP. - YAZOO CITY SIOUX CITY, IA | | | | | |
| #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.43 | | | | | |
| THE ANDERSONS, INC - SR MAITLAND, FL | | | | | |
| 4690** | 6.0-18.0- 6.0 | 6.2 | 18.2 | 6.3 | 102.04 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.04 | | | | | |
| UNITED SUPPLIERS, INC ELDORA, IA | | | | | |
| 4300** | 12.0- 0.0- 0.0 | 10.0* | 0.0 | 0.0 | 83.33* |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 83.33 | | | | | |
| UNITED SUPPLIERS, INC ST JOSEPH, MO | | | | | |
| 3556 | 32.0- 0.0- 0.0 | 32.2 | 0.0 | 0.0 | 100.63 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.63 | | | | | |
| UNITED SUPPLIERS, INC ST LOUIS, MO | | | | | |
| 3555 | 32.0- 0.0- 0.0 | 32.1 | 0.0 | 0.0 | 100.31 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.31 | | | | | |
| UNITED SUPPLIERS, INC PACIFIC JUNCTION, IA | | | | | |
| 4866 | 4.0-10.0-10.0 | 4.3 | 9.6 | 9.7 | 98.68 |
| #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.68 | | | | | |
| YIELD-PLUS, INC CAPE GIRARDEAU, MO | | | | | |
| 2642 | 3.0-18.0-18.0 | 3.2 | 18.2 | 18.5 | 102.17 |
| 3151 | 3.0-18.0-18.0 | 3.4 | 18.2 | 18.7 | 103.17 |
| 3355 | 3.0-18.0-18.0 | 3.5 | 18.1 | 18.5 | 102.83 |
| 4865 | 3.0-18.0-18.0 | 3.3 | 17.4 | 17.6 | 98.33 |
| 3358 | 10.0-20.0-10.0 | 9.9 | 20.0 | 10.2 | 100.00 |
| #TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 101.25 | | | | | |

LIQUID FERTILIZER

| MANUFACTURER | | % FOUND | | | % Relative Value |
|-------------------------|----------------|-----------------|-------------------------------|--------|------------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |
| YOCUM FERTILIZER, INC | | FAIRFAX, MO | | | |
| 4864** | 19.5- 2.7- 2.7 | 19.4 | 3.0 | 2.8 | 101.06 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS MISBRANDED | 0 - | 101.06 |
| YOCUM SERVICE, INC | | MOUND CITY, MO | | | |
| 4524** | 8.7-14.5- 8.7 | 9.4 | 14.8 | 9.0 | 104.17 |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS MISBRANDED | 0 - | 104.17 |
| YOUNG'S AG SERVICE, INC | | KEYTESVILLE, MO | | | |
| 2775 | 28.0- 0.0- 0.0 | 1.4* | 0.0 | 0.0 | 5.00* |
| #TOTALS - NO. SAMPLES | | 1 - | SMPLS MISBRANDED | 1 - | 5.00 |

| MANUFACTURER | | % FOUND | | | % Relative Value |
|--------------|-------|----------|-------------------------------|--------|------------------------|
| No. | Grade | Nitrogen | P ₂ O ₅ | Potash | |

* Subject to penalty (either 10% or two units deficient from guarantee in nutrient indicated, or 3% deficient in total value).

** Sample analyzed for guaranteed secondary or micronutrients, the results are tabulated beginning page 37.

Totals from July 1, 2012

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|--|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| ADM FERTILIZER, MINNEAPOLIS, MN | | | | | | | | | | | | | | | | | | | | | |
| 13-4472 | 0.0-0.0-22.0 | .... | .... | 11.0 | 11.2 | 22.0 | 22.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| AG-LAND, INC., BROOKFIELD, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3507 | 22.6- 9.0-13.5 | .... | .... | .... | .... | 2.26 | 2.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| AG DISTRIBUTORS, INC., NASHVILLE, TN | | | | | | | | | | | | | | | | | | | | | |
| 13-2940 | 22.0-0.0-0.0 | .... | .... | .... | .... | 14.0 | 13.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2942 | 28.0-0.0-0.0 | .... | .... | .... | .... | 5.0 | 4.5* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| AGRISERVICES OF BRUNSWICK LLC, BRUNSWICK, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2408 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2409 | 21.0-0.0-0.0 | .... | .... | .... | .... | 12.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3149 | 0.0-0.0-0.0 | .... | .... | .... | .... | 90.0 | 91.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3935 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4286 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4873 | 28.9-0.0-0.0 | .... | .... | .... | .... | 2.9 | 2.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5277 | 29.0-0.0-0.0 | .... | .... | .... | .... | 3.0 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5307 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| AGRISERVICES OF BRUNSWICK LLC-WEST, BRUNSWICK, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4378 | 5.1-24.4-28.1 | .... | .... | .... | .... | 3.1 | 4.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.9 1.02 |
| 13-4377 | 5.1-24.4-28.1 | .... | .... | .... | .... | 3.1 | 5.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.9 0.98 |
| 13-4376 | 5.1-24.4-28.1 | .... | .... | .... | .... | 3.0 | 5.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.9 1.37 |
| 13-4862 | 4.8-11.4-0.00 | .... | .... | .... | .... | 2.2 | 2.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4863 | 4.8-11.4-0.00 | .... | .... | .... | .... | 2.2 | 2.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4941 | 7.5-35.6-14.8 | .... | .... | .... | .... | 5.9 | 7.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4959 | 7.5-35.6-14.8 | .... | .... | .... | .... | 5.9 | 8.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| AGRISERVICES OF BRUNSWICK LLC, BRUNSWICK, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4952 | 9.6-24.5-26.9 | .... | .... | .... | .... | 2.2 | 2.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| AGRIUM U.S. INC., BEATRICE, NE | | | | | | | | | | | | | | | | | | | | | |
| 13-4099 | 0.0-0.0-50.0 | .... | .... | .... | .... | 17.0 | 18.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| AMERICAN PLANT FOOD CORPORATION, GALENA PARK, TX | | | | | | | | | | | | | | | | | | | | | |
| 13-2629 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2773 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5217 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| AMEROPA NORTH AMERICA, INC., TAMPA, FL | | | | | | | | | | | | | | | | | | | | | |
| 13-2634 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2639 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2772 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3343 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BACKES & TOELKE AGRI PRODUCTS, INC, NEW HAVEN, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-5047 | 13.5-4.5-33.0 | .... | .... | .... | .... | 1.0 | 1.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BACKES & TOELKE-MARTHASVILLE AG, MARTHASVILLE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3921 | 32.5-0.0-0.0 | .... | .... | .... | .... | 3.0 | 2.4* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BALL DPF, LLC, SHERMAN, TX | | | | | | | | | | | | | | | | | | | | | |
| 13-3646 | 15.0-25.0-10.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.01 | 0.17 | .... | .... | .... | .... | .... | .... |
| BARTLETT & COMPANY, L.P., HIGGINSVILLE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3820 | 5.7-27.0-27.0 | .... | .... | .... | .... | 2.7 | 3.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3819 | 5.7-27.0-27.0 | .... | .... | .... | .... | 2.7 | 3.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BARTLETT & COMPANY, L.P., WAVERLY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2643 | 29.0-0.0-0.0 | .... | .... | .... | .... | 3.0 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2644 | 29.0-0.0-0.0 | .... | .... | .... | .... | 3.0 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4858 | 13.6-10.8-10.8 | .... | .... | .... | .... | 1.3 | 1.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4874 | 29.6-0.0-0.0 | .... | .... | .... | .... | 3.0 | 2.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4875 | 29.6-0.0-0.0 | .... | .... | .... | .... | 3.0 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BATESVILLE GRAIN AND FERTILIZER, BROSELEY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3980 | 15.0-15.0-23.0 | .... | .... | .... | .... | 3.0 | 3.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|---|----------------|------|-------|------|------|------|------|------|--------|------|------|------|--------|------|------|------|-------|------|------|------|-----------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| BAYER ADVANCED LLC, RESEARCH TRIANGLE PARK, NC | | | | | | | | | | | | | | | | | | | | | |
| 13-4429 | 6.0-9.0-6.0 | .... | .... | .... | .... | 2.0 | 2.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BEN-TREI FERTILIZER CO, LLC, TULSA, OK | | | | | | | | | | | | | | | | | | | | | |
| 13-2406 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2774 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BENEFICIAL BIOLOGICS, ARCATA, CA | | | | | | | | | | | | | | | | | | | | | |
| 13-4855 | 20.2-0.0-0.0 | .... | .... | .... | .... | 23.8 | 24.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BLAKEMORE COTTON & GRAIN LLC, CAMPBELL, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3979 | 15.0-13.0-21.0 | .... | .... | .... | .... | 3.9 | 4.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| BONIDE PRODUCTS, INC, ORISKANY, NY | | | | | | | | | | | | | | | | | | | | | |
| 13-3446 | 10.0-25.0-12.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.011* | .... | .... | 0.05 | 0.036* | 0.1 | 0.78 | 0.05 | 0.10 | .... | .... | .... | .... |
| 13-3460 | 16.0-0.0-8.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.05 | 0.056 | 1.0 | 1.59 | 0.05 | 0.14 | .... | .... | 0.05 | 0.27 |
| 13-4626 | 16.0-0.0-8.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.05 | 0.068 | 1.0 | 1.34 | 0.05 | 0.097 | .... | .... | 0.05 | 0.12 |
| 13-4625 | 20.0-0.0-10.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.023 | .... | .... | 0.05 | 0.053 | 1.0 | 1.29 | 0.05 | 0.094 | .... | .... | 0.05 | 0.15 |
| BOYLES FARM SERVICE, INC, FISK, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3968 | 28.0-6.0-13.0 | .... | .... | .... | .... | 2.0 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3969 | 28.0-6.0-13.0 | .... | .... | .... | .... | 2.0 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CALCIUM PRODUCTS INC, GILMORE CITY, IA | | | | | | | | | | | | | | | | | | | | | |
| 13-4152 | 0.0-0.0-0.0 | 21.0 | 21.4 | .... | .... | 17.0 | 17.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5218 | 0.0-0.0-0.0 | 24.0 | 22.6* | .... | .... | 16.0 | 0.0* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CENTRAL MISSOURI AGRISERVICE LLC, BLACKBURN, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4757 | 4.3-20.2-35.4 | .... | .... | .... | .... | 4.0 | 5.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4758 | 4.3-20.2-35.4 | .... | .... | .... | .... | 4.0 | 5.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4860 | 4.2-7.4-11.1 | .... | .... | .... | .... | 3.7 | 3.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4861 | 4.2-7.4-11.1 | .... | .... | .... | .... | 3.7 | 3.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4914 | 27.8-12.4-12.4 | .... | .... | .... | .... | 1.5 | 2.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4915 | 27.8-12.4-12.4 | .... | .... | .... | .... | 1.5 | 2.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CENTRAL MISSOURI AGRISERVICE LLC, MARSHALL, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4945 | 11.1-28.5-21.4 | .... | .... | .... | .... | 3.6 | 4.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4946 | 11.1-28.5-21.4 | .... | .... | .... | .... | 3.6 | 4.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4947 | 11.1-28.5-21.4 | .... | .... | .... | .... | 3.6 | 4.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CENTRAL MISSOURI AGRISERVICE LLC, SLATER, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4912 | 28.7-9.6-12.8 | .... | .... | .... | .... | 2.4 | 2.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CGB FERTILIZER, JEFFERSONVILLE, IN | | | | | | | | | | | | | | | | | | | | | |
| 13-3025 | 0.0-0.0-0.0 | 21.0 | 22.4 | .... | .... | 17.0 | 16.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3077 | 0.0-0.0-22.0 | .... | .... | 11.0 | 11.1 | 22.0 | 22.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3141 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3142 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CHEMSICO- DIV, OF UNITED INDUSTRIES, ST. LOUIS, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3440 | 20.0-27.0-5.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.44 | .... | .... | .... | .... | .... | .... |
| CONSUMERS OIL COMPANY, INC MARYVILLE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4273 | 20.0-10.0-10.0 | .... | .... | .... | .... | 5.0 | 5.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4276 | 23.0-7.0-7.0 | .... | .... | .... | .... | 5.0 | 5.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CROP PRODUCTION SERVICES-4025, MARSTON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2401 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2403 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2631 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2635 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2771 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5216 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CROP PRODUCTION SERVICES-3512, PALMYRA, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2119 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 0.93 |
| 13-5102 | 18.3-14.6-22.0 | .... | .... | .... | .... | 1.83 | 1.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.18 0.18 |
| CROP PRODUCTION SERVICES-4014, PORTAGEVILLE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4009 | 8.5-12.5-33.3 | .... | .... | .... | .... | 4.2 | 4.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|---|----------------|------|------|------|------|------|-------|------|-------|------|------|------|------|------|------|------|--------|------|------|------|------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| CROP PRODUCTION SERVICES-3528, QUINCY, IL | | | | | | | | | | | | | | | | | | | | | |
| 13-5165 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 0.95 |
| CROP PRODUCTION SERVICES-4012, SENATH, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4490 | 7.0-0.0-40.0 | .... | .... | .... | .... | 8.0 | 8.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CROP PRODUCTION SERVICES-4013, SIKESTON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3579 | 22.0-11.0-16.0 | .... | .... | .... | .... | 3.0 | 4.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| CROP PRODUCTION SERVICES-4031, WHITE OAK, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4004 | 18.0-20.0-0.0 | .... | .... | .... | .... | 12.0 | 13.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4005 | 18.0-20.0-0.0 | .... | .... | .... | .... | 12.0 | 13.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| DELTA GROWERS ASSOC-EAST PRAIRIE, CHARLESTON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3577 | 32.0-0.0-14.0 | .... | .... | .... | .... | 2.0 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| DELTA GROWERS ASSOC-KEWANEE, KEWANEE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3744 | 40.0-0.0-0.0 | .... | .... | .... | .... | 5.0 | 5.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| DOMESTIC FERTILIZER INC, WOMELSDORF, PA | | | | | | | | | | | | | | | | | | | | | |
| 13-5342 | 15.0-3.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | 3.0 | 3.5* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5348 | 11.0-3.0-4.0 | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 4.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| EASY GARDENER INC., WOMELSDORF, PA | | | | | | | | | | | | | | | | | | | | | |
| 13-2529 | 4.0-4.0-4.0 | 8.0 | 12.0 | .50 | .76 | 1.4 | 1.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5343 | 15.0-3.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.05 | 0.004* | .... | .... | .... | .... |
| 13-5362 | 4.0-4.0-4.0 | .... | .... | .05 | .82 | 1.4 | 1.0* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| EAU CLAIRE COOP COMPANY, EAU CLAIRE, WI | | | | | | | | | | | | | | | | | | | | | |
| 13-3873 | 30.0-0.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .79* | .... | .... | .... | .... | .... | .... |
| 13-3879 | 28.0-0.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .90 | .... | .... | .... | .... | .... | .... |
| 13-4074 | 28.0-0.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.08 | .... | .... | .... | .... | .... | .... |
| 13-4073 | 28.0-0.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .96 | .... | .... | .... | .... | .... | .... |
| FARMERS PRODUCE EXCHANGE-CONWAY, LEBANON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4909 | 29.1-7.2-10.9 | .... | .... | 1.46 | 1.92 | 2.91 | 3.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| FREISTATT FARMERS EXCHANGE, FREISTATT, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4972 | 4.3-11.1-44.7 | .... | .... | .... | .... | .... | .... | 0.33 | 0.24* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| GAVILON AG SERVICES, LLC-NEBRASKA CITY, NEBRASKA CITY, NE | | | | | | | | | | | | | | | | | | | | | |
| 13-2399 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2628 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3698 | 21.0-0.0-0.0 | .... | .... | .... | .... | 26.0 | 24.4* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| GAVILON FERTILIZER LLC., CATOOSA, OK | | | | | | | | | | | | | | | | | | | | | |
| 13-2853 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.0 |
| GAVILON FERTILIZER LLC., SAUGET, IL | | | | | | | | | | | | | | | | | | | | | |
| 13-3708 | 12.0-0.0-0.0 | .... | .... | .... | .... | 26.0 | 25.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4687 | 20.5-0.0-0.0 | .... | .... | .... | .... | 23.5 | 23.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2171 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2174 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4288 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 19.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4520 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4521 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4522 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4685 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| GAVILON FERTILIZER LLC., ST JOSEPH, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4998 | 11.0-40.0-0.0 | .... | .... | .... | .... | 12.0 | 11.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4999 | 11.0-40.0-0.0 | .... | .... | .... | .... | 12.0 | 11.0* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| GRANITE CITY TERMINAL LLC, GRANITE CITY, IL | | | | | | | | | | | | | | | | | | | | | |
| 13-2630 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3143 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3548 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4287 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| GREAT SALT LAKE MINERALS CORP., OGDEN, UT | | | | | | | | | | | | | | | | | | | | | |
| 13-5184 | 0.0-0.0-50.0 | .... | .... | .... | .... | 17.0 | 17.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | | |
|---|----------------|------|------|------|------|------|------|------|-------|------|------|------|--------|------|-------|------|------|------|------|------|------|------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | |
| GREAT SALT LAKE MINERALS CORP., OGDEN, UT (CONTINUED) | | | | | | | | | | | | | | | | | | | | | | |
| 13-5185 | 0.0-0.0-50.0 | .... | .... | .... | .... | 17.0 | 17.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |  |
| GREENPOINT AG, LLC, CATRON, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-3974 | 22.0-10.0-16.0 | .... | .... | .... | .... | 1.0 | 2.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |  |
| GREENPOINT AG, LLC, MALDEN, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-4006 | 12.0-14.0-19.0 | .... | .... | .... | .... | 7.0 | 8.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |  |
| 13-4007 | 12.0-14.0-19.0 | .... | .... | .... | .... | 7.0 | 8.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |  |
| GREENPOINT AG, LLC, SIKESTON, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-3747 | 11.0-0.0-29.0 | .... | .... | .... | .... | 10.0 | 9.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |  |
| GRO TEC. INC, COVINGTON, GA | | | | | | | | | | | | | | | | | | | | | | |
| 13-3058 | 15.0-3.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | 3.0 | 4.1* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |  |
| 13-3655 | 29.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2.0 | 2.19 | .... | .... | .... | .... | .... | .... |  |
| 13-3443 | 18.0-24.0-6.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.03 | .... | .... | 0.05 | 0.079 | 0.25 | 1.63 | 0.05 | 0.18 | .... | .... | 0.05 | 0.2 | |
| 13-3452 | 29.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2.0 | 0.96* | .... | .... | .... | .... | .... | .... |  |
| 13-3458 | 16.0-0.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.04 | .... | .... | .... | .... | .... | .... |  |
| 13-3272 | 29.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2.0 | 1.93 | .... | .... | .... | .... | .... | .... |  |
| 13-3877 | 29.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2.0 | 2.42 | .... | .... | .... | .... | .... | .... |  |
| 13-4060 | 18.0-24.0-6.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.018 | .... | .... | 0.05 | 0.08 | 0.25 | 2.04 | 0.10 | 0.22 | .... | .... | 0.1 | .036 | |
| 13-4366 | 10.0-30.0-20.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.05 | 0.048 | 0.1 | 0.1 | 0.05 | 0.05 | .... | .... | 0.05 | 0.05 | |
| 13-4804 | 29.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2.0 | 2.79 | .... | .... | .... | .... | .... | .... |  |
| 13-5171 | 18.0-24.0-6.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.028 | .... | .... | 0.05 | 0.037* | 0.25 | 1.29 | 0.1 | 0.14 | .... | .... | 0.1 | 0.09 | |
| GROWMARK, INC, BLOOMINGTON, IL | | | | | | | | | | | | | | | | | | | | | | |
| 13-3045 | 12.0-40.0-0.0 | | | | | 10.0 | 10.0 | | | | | | | | | | | | | | 1.0 | 0.96 |
| 13-3933 | 21.0-0.0-0.0 | | | | | 24.0 | 23.8 | | | | | | | | | | | | | | | |
| 13-4523 | 21.0-0.0-0.0 | | | | | 24.0 | 23.7 | | | | | | | | | | | | | | | |
| GUIER CHEMICAL & FERTILIZER, HOUSTONIA, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-4940 | 8.0-21.5-28.5 | | | | | 5.5 | 2.8* | | | | | | | | | | | | | | | |
| 13-4958 | 8.0-21.5-28.5 | | | | | 5.5 | 2.0* | | | | | | | | | | | | | | | |
| HEIMSOOTH AGRI SERVICE INC., CORDER, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-3398 | 6.0-28.5-25.0 | | | | | 2.0 | 3.1 | | | | | | | | | | | | | | | |
| 13-3399 | 6.0-29.0-23.5 | | | | | 3.0 | 4.3 | | | | | | | | | | | | | | | |
| 13-3397 | 7.0-34.5-17.0 | | | | | 3.0 | 4.8 | | | | | | | | | | | | | | | |
| HELENA CHEMICAL COMPANY, DUDLEY, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-3771 | 18.0-13.0-21.0 | | | | | 2.0 | 3.4 | | | | | | | | | | | | | | | |
| HELENA CHEMICAL COMPANY, MATTHEWS, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-4010 | 7.0-0.0-28.0 | | | | | 8.0 | 8.2 | | | | | | | | | | | | | | | |
| HELENA CHEMICAL COMPANY, MEMPHIS, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-3695 | 21.0-0.0-0.0 | | | | | 24.0 | 24.1 | | | | | | | | | | | | | | | |
| HELENA CHEMICAL COMPANY, NEW MADRID, MO | | | | | | | | | | | | | | | | | | | | | | |
| 13-3977 | 18.0-10.0-20.0 | | | | | 4.0 | 5.3 | | | | | | | | | | | | | | | |
| 13-3978 | 18.0-10.0-20.0 | | | | | 4.0 | 5.0 | | | | | | | | | | | | | | | |
| HELM FERTILIZER CORPORATION, TAMPA, FL | | | | | | | | | | | | | | | | | | | | | | |
| 13-3550 | 21.0-0.0-0.0 | | | | | 24.0 | 24.5 | | | | | | | | | | | | | | | |
| HONEYWELL, HOPEWELL, VA | | | | | | | | | | | | | | | | | | | | | | |
| 13-4854 | 21.0-0.0-0.0 | | | | | 24.0 | 24.3 | | | | | | | | | | | | | | | |
| HOWARD JOHNSON'S ENT., INC, FRANKLIN, WI | | | | | | | | | | | | | | | | | | | | | | |
| 13-2711 | 26.0-3.0-4.0 | | | | | 2.4 | 3.1 | | | | | | | 1.0 | 1.83 | | | | | | | |
| 13-2712 | 26.0-3.0-4.0 | | | | | 2.4 | 2.7 | | | | | | | 1.0 | 1.12 | | | | | | | |
| 13-2713 | 23.0-3.0-8.0 | | | | | 2.4 | 3.2 | | | | | | | 1.0 | 1.13 | | | | | | | |
| 13-2714 | 23.0-3.0-8.0 | | | | | 2.4 | 3.1 | | | | | | | 1.0 | 0.86* | | | | | | | |
| 13-2897 | 26.0-3.0-4.0 | | | | | 2.4 | 2.3 | | | | | | | 1.0 | 2.6 | | | | | | | |
| 13-2898 | 26.0-3.0-4.0 | | | | | 2.4 | 2.9 | | | | | | | 1.0 | 1.45 | | | | | | | |
| 13-2899 | 26.0-3.0-4.0 | | | | | 2.4 | 2.6 | | | | | | | 1.0 | 1.14 | | | | | | | |
| 13-2900 | 23.0-3.0-8.0 | | | | | 2.4 | 2.4 | | | | | | | 0.7 | 0.97 | | | | | | | |

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|----------------|-------|------|---|------|---|-----|---|-----|---|------|---|------|---|------|---|------|---|------|---|------|---|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |

HOWARD JOHNSON'S ENT., INC, FRANKLIN, WI (CONTINUED)

| | | | | | | | | | | | | | | | | | | | | | |
|---------|---------------|------|------|------|------|------|------|------|--------|------|------|------|-------|------|-------|------|------|------|------|------|------|
| 13-2994 | 12.0-20.0-6.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.79 | .... | .... | .... | .... | .... | .... |
| 13-3053 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3055 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 2.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3056 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 2.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3069 | 18.0-0.0-12.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.36 | .... | .... | .... | .... | .... | .... |
| 13-3187 | 16.0-4.0-8.0 | .... | .... | .... | .... | 3.0 | 3.2 | .... | .... | .... | .... | .... | .... | 2.0 | 2.8 | .... | .... | .... | .... | .... | .... |
| 13-3250 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 3.5 | .... | .... | .... | .... | .... | .... | 1.0 | 1.21 | .... | .... | .... | .... | .... | .... |
| 13-3241 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.5 | .... | .... | .... | .... | .... | .... | 1.0 | 1.47 | .... | .... | .... | .... | .... | .... |
| 13-3242 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.5 | .... | .... | .... | .... | .... | .... | 1.0 | 1.7 | .... | .... | .... | .... | .... | .... |
| 13-3243 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.4 | .... | .... | .... | .... | .... | .... | 1.0 | 1.55 | .... | .... | .... | .... | .... | .... |
| 13-3244 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.4 | .... | .... | .... | .... | .... | .... | 1.0 | 1.89 | .... | .... | .... | .... | .... | .... |
| 13-3245 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.8 | .... | .... | .... | .... | .... | .... | 1.0 | 1.98 | .... | .... | .... | .... | .... | .... |
| 13-3246 | 25.0-2.0-2.0 | .... | .... | .... | .... | 2.0 | 1.9 | .... | .... | .... | .... | .... | .... | 2.0 | 2.45 | .... | .... | .... | .... | .... | .... |
| 13-3248 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 2.6 | .... | .... | .... | .... | .... | .... | 0.7 | 1.33 | .... | .... | .... | .... | .... | .... |
| 13-3249 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3255 | 16.0-2.0-2.0 | .... | .... | .... | .... | 2.0 | 1.9 | .... | .... | .... | .... | .... | .... | 2.0 | 2.74 | .... | .... | .... | .... | .... | .... |
| 13-3256 | 12.0-20.0-6.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 2.13 | .... | .... | .... | .... | .... | .... |
| 13-3257 | 12.0-20.0-6.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.93 | .... | .... | .... | .... | .... | .... |
| 13-3269 | 30.0-0.0-3.0 | .... | .... | .... | .... | 2.0 | 2.0 | .... | .... | .... | .... | .... | .... | 2.0 | 2.57 | .... | .... | .... | .... | .... | .... |
| 13-3275 | 23.0-0.0-8.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.9 | .... | .... | .... | .... | .... | .... |
| 13-3281 | 15.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | 0.05 | 0.036* | .... | .... | 0.13 | 0.09* | 0.25 | 0.82 | 0.13 | 0.16 | .... | .... | 0.13 | 0.27 |
| 13-3282 | 15.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | 0.05 | 0.036* | .... | .... | 0.13 | 0.09* | 0.25 | 0.65 | 0.13 | 0.15 | .... | .... | 0.13 | 0.21 |
| 13-3284 | 12.0-0.0-4.0 | .... | .... | .... | .... | 1.0 | 0.0* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3437 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.4 | .... | .... | .... | .... | .... | .... | 1.0 | 1.99 | .... | .... | .... | .... | .... | .... |
| 13-3439 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 2.4 | .... | .... | .... | .... | .... | .... | 0.7 | 1.18 | .... | .... | .... | .... | .... | .... |
| 13-3457 | 23.0-0.0-8.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.99 | .... | .... | .... | .... | .... | .... |
| 13-3461 | 15.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | 0.05 | 0.045 | .... | .... | 0.13 | 0.08* | 0.25 | 0.96 | 0.13 | 0.20 | .... | .... | 0.13 | 0.27 |
| 13-3462 | 15.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | 0.05 | 0.049 | .... | .... | 0.13 | 0.09* | 0.25 | 0.66 | 0.13 | 0.15 | .... | .... | 0.13 | 0.20 |
| 13-3638 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.5 | .... | .... | .... | .... | .... | .... | 1.0 | 1.4 | .... | .... | .... | .... | .... | .... |
| 13-3639 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.7 | .... | .... | .... | .... | .... | .... | 1.0 | 1.69 | .... | .... | .... | .... | .... | .... |
| 13-3641 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 3.9 | .... | .... | .... | .... | .... | .... | 1.0 | 1.31 | .... | .... | .... | .... | .... | .... |
| 13-4049 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 3.2 | .... | .... | .... | .... | .... | .... | 1.0 | 1.75 | .... | .... | .... | .... | .... | .... |
| 13-4050 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.7 | .... | .... | .... | .... | .... | .... | 1.0 | 1.71 | .... | .... | .... | .... | .... | .... |
| 13-4051 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.7 | .... | .... | .... | .... | .... | .... | 1.0 | 1.67 | .... | .... | .... | .... | .... | .... |
| 13-4052 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.6 | .... | .... | .... | .... | .... | .... | 1.0 | 1.52 | .... | .... | .... | .... | .... | .... |
| 13-4053 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.3 | .... | .... | .... | .... | .... | .... | 1.0 | 1.48 | .... | .... | .... | .... | .... | .... |
| 13-4093 | 15.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | 0.05 | 0.042 | .... | .... | 0.13 | 0.18 | 3.0 | 3.69 | 0.13 | 0.21 | .... | .... | 0.13 | 0.16 |
| 13-4223 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.7 | .... | .... | .... | .... | .... | .... | 1.0 | 1.25 | .... | .... | .... | .... | .... | .... |
| 13-4224 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.7 | .... | .... | .... | .... | .... | .... | 1.0 | 1.66 | .... | .... | .... | .... | .... | .... |
| 13-4225 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 3.0 | .... | .... | .... | .... | .... | .... | 1.0 | 1.50 | .... | .... | .... | .... | .... | .... |
| 13-4226 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.9 | .... | .... | .... | .... | .... | .... | 1.0 | 1.62 | .... | .... | .... | .... | .... | .... |
| 13-4227 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 3.1 | .... | .... | .... | .... | .... | .... | 1.0 | 1.95 | .... | .... | .... | .... | .... | .... |
| 13-4228 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.6 | .... | .... | .... | .... | .... | .... | 1.0 | 1.52 | .... | .... | .... | .... | .... | .... |
| 13-4229 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.7 | .... | .... | .... | .... | .... | .... | 1.0 | 1.91 | .... | .... | .... | .... | .... | .... |
| 13-4230 | 26.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 3.2 | .... | .... | .... | .... | .... | .... | 1.0 | 1.06 | .... | .... | .... | .... | .... | .... |
| 13-4406 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.5 | .... | .... | .... | .... | .... | .... | 1.0 | 1.51 | .... | .... | .... | .... | .... | .... |
| 13-4789 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.6 | .... | .... | .... | .... | .... | .... | 1.0 | 1.72 | .... | .... | .... | .... | .... | .... |
| 13-4790 | 26.0-3.0-4.0 | .... | .... | .... | .... | 2.4 | 2.5 | .... | .... | .... | .... | .... | .... | 1.0 | 1.80 | .... | .... | .... | .... | .... | .... |
| 13-4792 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 3.2 | .... | .... | .... | .... | .... | .... | 0.7 | 1.07 | .... | .... | .... | .... | .... | .... |
| 13-4793 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 2.8 | .... | .... | .... | .... | .... | .... | 0.7 | 0.80 | .... | .... | .... | .... | .... | .... |
| 13-4794 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 2.7 | .... | .... | .... | .... | .... | .... | 1.0 | 0.88* | .... | .... | .... | .... | .... | .... |
| 13-4795 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 3.0 | .... | .... | .... | .... | .... | .... | 1.0 | 1.32 | .... | .... | .... | .... | .... | .... |
| 13-5009 | 23.0-3.0-8.0 | .... | .... | .... | .... | 2.4 | 2.6 | .... | .... | .... | .... | .... | .... | 1.0 | 1.03 | .... | .... | .... | .... | .... | .... |
| 13-5096 | 46.0-0.0-0.0 | .... | .... | .... | .... | .... | .... | .... | .... | 6.0 | 0.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|--|----------------|------|------|-------|------|------|------|------|-------|------|------|------|------|------|-------|------|-------|------|------|------|-------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| HOWARD JOHNSON'S ENT., INC, FRANKLIN, WI (CONTINUED) | | | | | | | | | | | | | | | | | | | | | |
| 13-5275 | 14.0-0.0-0.0 | .... | .... | .... | .... | 20.0 | 20.6 | .... | .... | .... | .... | .... | .... | 10.0 | 10.4 | .... | .... | .... | .... | .... | .... |
| 13-5276 | 14.0-0.0-0.0 | .... | .... | .... | .... | 20.0 | 19.3 | .... | .... | .... | .... | .... | .... | 10.0 | 9.77 | .... | .... | .... | .... | .... | .... |
| HOWARD JOHNSON'S ENT., INC, NEOSHO, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3997 | 12.0-20.0-6.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.17 | .... | .... | .... | .... | .... | .... |
| 13-4045 | 28.0-0.0-0.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5.0 | 3.14* | .... | .... | .... | .... | .... | .... |
| 13-4062 | 12.0-18.0-6.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.019 | .... | .... | .... | .... | 0.5 | 1.17 | 0.05 | 0.11 | .... | .... | 0.05 | 0.09 |
| 13-4084 | 24.0-0.0-10.0 | .... | .... | .... | .... | 4.0 | 4.0 | .... | .... | .... | .... | .... | .... | 2.0 | 3.53 | 1.0 | 0.12* | .... | .... | .... | .... |
| INFINITY FERTILIZERS, MILAN, IL | | | | | | | | | | | | | | | | | | | | | |
| 13-3791 | 18.0-24.0-6.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.056 | .... | .... | 0.05 | 0.16 | 0.25 | 1.40 | 0.1 | 0.19 | .... | .... | 0.1 | 0.13 |
| 13-5312 | 8.0-14.0-9.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.1 | 0.1 | 0.05 | 0.046 | .... | .... | 0.05 | 0.048 |
| 13-5323 | 20.0-20.0-20.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.01* | .... | .... | 0.07 | 0.06 | 0.32 | 0.38 | 0.7 | 0.04* | .... | .... | 0.07 | 0.059 |
| KELSO MILLING CO, SCOTT CITY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3813 | 8.0-21.1-27.4 | .... | .... | .... | .... | 5.5 | 6.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.7 | 0.75 |
| KOCH NITROGEN INTERNATIONAL SARL, ST. LOUIS, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2702 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 0.95 |
| LEBANON FARM CENTER, MTN. GROVE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4969 | 5.2-13.4-40.4 | .... | .... | 0.748 | 1.16 | .... | .... | 0.27 | 0.28 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| LEBANON SEABOARD CORPORATION, LEBANON, PA | | | | | | | | | | | | | | | | | | | | | |
| 13-2906 | 30.0-0.0-3.0 | .... | .... | .... | .... | 1.0 | 1.9 | 0.02 | 0.03 | .... | .... | 0.05 | 0.09 | 2.0 | 3.75 | 0.05 | 0.16 | .... | .... | 0.05 | 0.4 |
| 13-3268 | 30.0-0.0-3.0 | .... | .... | .... | .... | 1.0 | 2.8 | 0.02 | 0.04 | .... | .... | 0.05 | 0.09 | 2.0 | 1.85 | 0.05 | 0.17 | .... | .... | 0.05 | 0.23 |
| 13-3450 | 30.0-0.0-3.0 | .... | .... | .... | .... | 1.0 | 2.8 | 0.02 | 0.03 | .... | .... | 0.05 | 0.09 | 2.0 | 2.73 | 0.05 | 0.14 | .... | .... | 0.05 | 0.32 |
| 13-3455 | 26.0-0.0-4.0 | .... | .... | .... | .... | 2.6 | 2.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3874 | 30.0-0.0-3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2.0 | 2.04 | .... | .... | .... | .... | .... | .... |
| 13-4623 | 25.0-0.0-5.0 | .... | .... | .... | .... | 5.0 | 5.3 | .... | .... | .... | .... | .... | .... | 1.0 | 1.34 | .... | .... | .... | .... | .... | .... |
| 13-4813 | 25.0-0.0-8.0 | .... | .... | .... | .... | 3.0 | 3.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5178 | 25.0-0.0-8.0 | .... | .... | .... | .... | 3.3 | 3.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| LESCO, INC, CLEVELAND, OH | | | | | | | | | | | | | | | | | | | | | |
| 13-3881 | 18.0-0.0-9.0 | .... | .... | .... | .... | 2.78 | 3.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4085 | 24.0-0.0-11.0 | .... | .... | .... | .... | 2.90 | 2.8 | .... | .... | .... | .... | .... | .... | 3.0 | 3.26 | .... | .... | .... | .... | .... | .... |
| 13-4090 | 18.0-0.0-9.0 | .... | .... | .... | .... | 2.78 | 3.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| LILLY MILLER BRANDS, SALEM, VA | | | | | | | | | | | | | | | | | | | | | |
| 13-5258 | 4.0-10.0-10.0 | 6.0 | 14.2 | .... | .... | .... | .... | 0.02 | 0.03 | .... | .... | .... | .... | 0.1 | 0.52 | 0.05 | 0.06 | .... | .... | 0.05 | 0.07 |
| MARTIN OPERATING PARTNERSHIP LP, KILGORE, TX | | | | | | | | | | | | | | | | | | | | | |
| 13-3552 | 0.0-0.0-0.0 | .... | .... | .... | .... | 90.0 | 90.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MERSCHMAN FERTILIZER LLC-FT. MADISON, WEST POINT, IA | | | | | | | | | | | | | | | | | | | | | |
| 13-2172 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4692 | 12.0-0.0-0.0 | .... | .... | .... | .... | 26.0 | 25.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, ALBANY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3594 | 7.3-18.7-34.3 | .... | .... | .... | .... | .... | .... | 0.32 | 0.20* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, BENTON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3581 | 2.0-0.0-35.0 | .... | .... | 6.0 | 6.85 | 12.0 | 13.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, BERNIE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3808 | 13.0-19.0-17.0 | .... | .... | .... | .... | 6.0 | 6.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, BETHANY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4293 | 3.0-18.0-18.0 | .... | .... | .... | .... | 1.0 | 1.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, BURLINGTON JCT., MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2802 | 35.8-11.9-0.0 | .... | .... | .... | .... | 2.9 | 2.6* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, CHILLICOTHE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-5006 | 8.9-25.3-25.3 | .... | .... | .... | .... | 2.53 | 3.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5007 | 8.9-25.3-25.3 | .... | .... | .... | .... | 2.53 | 3.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5008 | 11.5-45.2-0.0 | .... | .... | .... | .... | 5.65 | 6.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, ESSEX, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3743 | 40.0-0.0-0.0 | .... | .... | .... | .... | 5.0 | 7.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|--|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| MFA AGRI SERVICES - WEST, HALE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4584 | 4.7-12.1-16.2 | .... | .... | .... | .... | 4.1 | 4.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .84 | .62* |
| 13-4564 | 40.7-0.0-0.0 | .... | .... | .... | .... | 10.3 | 13.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, HANNIBAL, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-5143 | 8.3-23.3-23.3 | .... | .... | .... | .... | 3.9 | 5.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, HIGGINSVILLE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3964 | 39.8-0.0-0.0 | .... | .... | .... | .... | 5.7 | 6.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4907 | 29.9-10.0-9.9 | .... | .... | .... | .... | 2.0 | 2.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .22 | .24 |
| MFA AGRI SERVICES, IANTHA, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4928 | 10.4-5.5-18.44 | .... | .... | 3.69 | 4.06 | 7.41 | 8.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4929 | 10.9-13.1-27.4 | .... | .... | 2.19 | 2.61 | 4.4 | 4.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, JACKSON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3746 | 20.0-0.0-24.0 | .... | .... | .... | .... | 6.0 | 5.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, LEXINGTON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4906 | 30.5-10.9-10.9 | .... | .... | .... | .... | 1.1 | 1.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, MARYVILLE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2710 | 7.2-24.0-24.0 | .... | .... | .... | .... | 6.0 | 6.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .60 | .64 |
| MFA AGRI SERVICES, ODESSA, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3821 | 3.2-15.2-12.9 | .... | .... | .... | .... | 2.3 | 3.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA AGRI SERVICES, PATTONSBURG, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-5167 | 27.9-11.6-11.6 | .... | .... | .... | .... | 2.3 | 2.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .23 | .22 |
| MFA AGRI SERVICES, SALISBURY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3763 | 24.9-11.0-15.9 | .... | .... | .... | .... | 2.3 | 2.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4574 | 25.0-11.0-15.9 | .... | .... | .... | .... | 2.3 | 2.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4961 | 6.1-29.2-21.3 | .... | .... | .... | .... | 5.5 | 6.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .74* |
| MFA AGRI SERVICES, SEDALIA, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3970 | 27.3-10.9-10.9 | .... | .... | .... | .... | 5.5 | 5.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4920 | 26.5-11.4-12.4 | .... | .... | .... | .... | 1.8 | 2.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .71 | .83 |
| 13-4971 | 5.1-24.2-29.4 | .... | .... | .... | .... | 2.4 | 3.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .49 | .45 |
| MFA AGRI SERVICES, WINDSOR, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4124 | 30.4-0.0-0.0 | .... | .... | .... | .... | 6.5 | 6.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MFA PLANT FOODS, COLUMBIA, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2117 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .95 |
| 13-2118 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .93 |
| 13-2120 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .91 |
| 13-2173 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2292 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2296 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .94 |
| 13-2299 | 0.0-0.0-21.0 | .... | .... | 10.0 | 10.1 | 21.0 | 19.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2407 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2410 | 0.0-0.0-0.0 | .... | .... | .... | .... | 90.0 | 92.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2411 | 0.0-0.0-0.0 | .... | .... | .... | .... | 90.0 | 90.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2519 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .96 |
| 13-2531 | 0.0-0.0-21.0 | .... | .... | 10.0 | 11.1 | 21.0 | 20.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2641 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2703 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .96 |
| 13-2704 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.0 |
| 13-2848 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .97 |
| 13-2854 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .95 |
| 13-2860 | 0.0-0.0-21.7 | .... | .... | 10.8 | 10.9 | 21.7 | 21.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2929 | 20.5-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2934 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2990 | 13.0-13.0-13.0 | 10.0 | 13.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3000 | 6.0-24.0-24.0 | 2.5 | 3.76 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3042 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .94 |

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|----------------|-------|------|---|------|---|-----|---|-----|---|------|---|------|---|------|---|------|---|------|---|------|---|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |

MFA PLANT FOODS, COLUMBIA, MO (Continued)

| | | | | | | | | | | | | | | | | | | | | | |
|---------|----------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 13-3043 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .96 |
| 13-3044 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .99 |
| 13-3075 | 0.0-0.0-21.0 | .... | .... | 11.0 | 10.7 | 21.0 | 21.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3140 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3387 | 18.0-18.0-18.0 | 2.4 | 3.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3467 | 0.0-0.0-22.0 | .... | .... | 11.0 | 11.0 | 22.0 | 21.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3549 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3629 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .90 |
| 13-3630 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .92 |
| 13-3694 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3792 | 13.0-13.0-13.0 | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3793 | 13.0-13.0-13.0 | 10.0 | 7.5* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3807 | 6.0-24.0-24.0 | 2.5 | 2.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3847 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .90 |
| 13-4040 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .90 |
| 13-4151 | 0.0-0.0-0.0 | .... | .... | .... | .... | 90.0 | 92.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4188 | 13.0-13.0-13.0 | 10.0 | 9.59 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4189 | 13.0-13.0-13.0 | 10.0 | 8.96* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4200 | 6.0-24.0-24.0 | 2.5 | 2.83 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4201 | 6.0-24.0-24.0 | 2.5 | 2.94 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4222 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .92 |
| 13-4285 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4353 | 13.0-13.0-13.0 | 10.0 | 11.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4354 | 13.0-13.0-13.0 | 10.0 | 8.26* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4355 | 13.0-13.0-13.0 | 10.0 | 10.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4356 | 13.0-13.0-13.0 | 10.0 | 11.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4374 | 6.0-24.0-24.0 | 2.5 | 2.22 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4405 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .88* |
| 13-4579 | 13.0-13.0-13.0 | 10.0 | 6.35* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4580 | 13.0-13.0-13.0 | 10.0 | 9.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4684 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4686 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4727 | 13.0-13.0-13.0 | 10.0 | 10.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4755 | 6.0-24.0-24.0 | 2.5 | 2.36 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4756 | 6.4-24.0-24.0 | 2.5 | 2.47 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4785 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .86* |
| 13-4997 | 10.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .91 |
| 13-5108 | 13.0-13.0-13.0 | 10.0 | 11.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5298 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .88* |

MFA PLANT FOODS, HAYTI, MO

| | | | | | | | | | | | | | | | | | | | | | |
|---------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 13-2402 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2632 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2932 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2933 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3147 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5214 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5215 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

MFA PLANT FOODS, PALMYRA, MO

| | | | | | | | | | | | | | | | | | | | | | |
|---------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| 13-2849 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .95 |
| 13-3849 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .85* |
| 13-4221 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .95 |

MIDWEST AGRI-CHEMICO INC, CAPE GIRARDEAU, MO

| | | | | | | | | | | | | | | | | | | | | | |
|---------|--------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 13-2170 | 27.0-0.0-0.0 | 6.0 | 5.14* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2637 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|---|----------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| MIDWEST AGRI-CHEMICO INC, CAPE GIRARDEAU, MO (CONTINUED) | | | | | | | | | | | | | | | | | | | | | |
| 13-2638 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3076 | 0.0-0.0-21.5 | .... | .... | 10.5 | 11.5 | 21.0 | 23.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3627 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .96 |
| 13-4147 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4497 | 27.0-0.0-0.0 | 6.0 | 4.94* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MIDWEST AGRI-CHEMICO INC-LOUISIANA, CAPE GIRARDEAU, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2859 | 0.0-0.0-21.0 | .... | .... | 10.0 | 11.1 | 21.0 | 21.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MIDWEST FERTILIZER, METZ, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4913 | 28.0-10.0-14.0 | .... | .... | .... | .... | 2.0 | 1.6* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MIDWEST FERTILIZER INC, PAOLA, KS | | | | | | | | | | | | | | | | | | | | | |
| 13-2861 | 0.0-0.0-22.0 | .... | .... | 11.0 | 11.4 | 22.0 | 22.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2935 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MILWAUKEE METROPOLITAN SEWERAGE DIS, MILWAUKEE, WI | | | | | | | | | | | | | | | | | | | | | |
| 13-3260 | 5.0-2.0-0.0 | 1.2 | 2.11 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 2.8* | .... | .... | .... | .... | .... | .... |
| 13-3447 | 5.0-2.0-0.0 | 1.2 | 2.12 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 2.8* | .... | .... | .... | .... | .... | .... |
| 13-3448 | 5.0-2.0-0.0 | 1.2 | 2.22 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 4.18 | .... | .... | .... | .... | .... | .... |
| 13-3869 | 5.0-2.0-0.0 | 1.2 | 1.89 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 4.21 | .... | .... | .... | .... | .... | .... |
| 13-3870 | 5.0-2.0-0.0 | 1.2 | 2.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 3.72 | .... | .... | .... | .... | .... | .... |
| 13-4240 | 5.0-2.0-0.0 | 1.2 | 2.07 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 4.06 | .... | .... | .... | .... | .... | .... |
| 13-4437 | 5.0-2.0-0.0 | 1.2 | 2.37 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 3.68 | .... | .... | .... | .... | .... | .... |
| 13-4438 | 5.0-2.0-0.0 | 1.2 | 2.17 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 4.14 | .... | .... | .... | .... | .... | .... |
| 13-5173 | 5.0-2.0-0.0 | 1.2 | 2.01 | .... | .... | .... | .... | .... | .... | 1.0 | 0.1 | .... | .... | 4.0 | 4.7 | .... | .... | .... | .... | .... | .... |
| 13-5259 | 5.0-2.0-0.0 | 1.2 | 2.16 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.0 | 2.8* | .... | .... | .... | .... | .... | .... |
| MIRACLE-GRO LAWN PRODUCTS INC., MARYSVILLE, OH | | | | | | | | | | | | | | | | | | | | | |
| 13-4423 | 15.0-5.0-10.0 | .... | .... | .... | .... | 16.0 | 17.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4869 | 12.0-9.0-6.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .05 | .05 | .... | .... | .05 | .05 |
| 13-5012 | 15.0-5.0-10.0 | .... | .... | .... | .... | 16.0 | 17.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5351 | 10.0-10.0-10.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .05 | .047 | .... | .... | .... | .... |
| MK MINERALS INC., WAMEGO, KS | | | | | | | | | | | | | | | | | | | | | |
| 13-3148 | 0.0-0.0-0.0 | 21.0 | 22.8 | .... | .... | 16.0 | 16.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5220 | 0.0-0.0-0.0 | 24.0 | 23.2 | .... | .... | 16.0 | 16.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5219 | 0.0-0.0-0.0 | 33.0 | 35.8 | 0.7 | 0.62 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| MOSAIC CROP NUTRITION, LLC, LITHIA, FL | | | | | | | | | | | | | | | | | | | | | |
| 13-2293 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .95 |
| 13-2294 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .91 |
| 13-2295 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .93 |
| 13-2521 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .94 |
| 13-2522 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .92 |
| 13-2532 | 0.0-0.0-22.0 | .... | .... | 11.0 | 11.3 | 22.0 | 22.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3236 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .95 |
| 13-3235 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .86* |
| 13-3848 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .86* |
| 13-4039 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .88* |
| 13-4404 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .98 |
| 13-4784 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .88* |
| 13-5000 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .86* |
| 13-5164 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 9.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .84* |
| MRM AG SERVICE INC, EAST PRAIRIE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3598 | 5.9-15.0-27.0 | .... | .... | 3.0 | 3.7 | 6.0 | 7.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| NAYLOR AG. INC, NAYLOR, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3975 | 20.0-14.0-0.0 | .... | .... | .... | .... | 7.0 | 8.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| OAKLEY MISSOURI INC, CARUTHERSVILLE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2928 | 19.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4149 | 20.5-0.0-0.0 | .... | .... | .... | .... | 23.5 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|--|----------------|------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| OAKLEY MISSOURI INC, CARUTHERSVILLE, MO (CONTINUED) | | | | | | | | | | | | | | | | | | | | | |
| 13-4150 | 20.5-0.0-0.0 | .... | .... | .... | .... | 23.5 | 23.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| OSWALD AGRICULTURAL PRODUCTS INC., TARKIO, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4857 | 6.3-14.3-8.6 | .... | .... | .... | .... | 3.45 | 3.8 | 0.015 | 0.024 | .... | .... | .... | .... | .... | .... | 0.05 | 0.06 | .... | .... | 0.07 | 0.05* |
| PRO AG SERVICES, LLC, ALBANY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3596 | 10.9-27.9-18.6 | .... | .... | .... | .... | 6.9 | 6.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| PRODUCE EXCHANGE, GOLDEN CITY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3110 | 20.9-12.5-16.7 | .... | .... | .... | .... | 4.8 | 5.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| QC CORPORATION, BALTIMORE, MD | | | | | | | | | | | | | | | | | | | | | |
| 13-5221 | 0.0-0.0-0.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 50.0 | 50.9 | .... | .... | .... | .... | .... | .... |
| QMI FERTILIZER & GRAIN, INC, PARMA, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3809 | 12.0-14.0-0.0 | 11.0 | 10.3 | .... | .... | 7.0 | 8.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| RAY-CARROLL COUNTY GRAIN GROWERS, INC., BRUNSWICK, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4967 | 5.6-26.6-26.6 | .... | .... | .... | .... | 5.3 | 6.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| RAY-CARROLL COUNTY GRAIN GROWERS, INC., CARROLLTON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3432 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | .95 |
| 13-4960 | 6.3-30.0-21.0 | .... | .... | .... | .... | 5.7 | 6.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| RAY-CARROLL COUNTY GRAIN GROWERS, INC., MAYVIEW, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2228 | 31.5-11.8-5.9 | .... | .... | .... | .... | 3.9 | 5.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| RAY-CARROLL COUNTY GRAIN GROWERS, INC., NORBORNE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-5005 | 4.9-17.5-34.9 | .... | .... | .... | .... | 3.5 | 3.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .35 | .28* |
| REGAL CHEMICAL CO., ALPHARETTA, GA | | | | | | | | | | | | | | | | | | | | | |
| 13-5347 | 12.0-12.0-9.0 | .... | .... | 0.5 | 2.03 | .... | .... | 0.1 | 0.57* | 7.0 | 6.8 | .... | .... | 0.5 | .96 | .25 | .33 | .... | .... | .25 | .45 |
| RICKETTS FARM SERVICE - SOUTH PLANT, CAIRO, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-5052 | 22.1-10.1-13.7 | .... | .... | .... | .... | 10.0 | 2.2* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| RIVER BEND AG LLC, NEW MADRID, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2400 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2404 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2405 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2633 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2636 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2640 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2768 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2769 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2770 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2862 | 0.0-0.0-22.0 | .... | .... | 11.0 | 11.5 | 22.0 | 22.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2930 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-2931 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3144 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3145 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3146 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3344 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3345 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3346 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3628 | 12.0-40.0-0.0 | .... | .... | .... | .... | 10.0 | 10.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3664 | 0.0-0.0-22.0 | .... | .... | 11.0 | 11.2 | 22.0 | 22.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3696 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3697 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3934 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 23.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4148 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4853 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4872 | 28.0-0.0-0.0 | .... | .... | .... | .... | 4.0 | 3.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4876 | 30.0-0.0-0.0 | .... | .... | .... | .... | 2.0 | 2.8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5074 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5274 | 21.0-0.0-0.0 | .... | .... | .... | .... | 24.0 | 24.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|--|----------------|------|-------|------|------|------|------|------|-------|------|------|------|--------|------|-------|------|--------|------|------|------|-------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| J.P. ROSS COTTON CO., ESSEX, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3783 | 14.0-15.0-22.0 | .... | .... | .... | .... | 4.0 | 4.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| SALISBURY AG CENTER, INC., SALISBURY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4944 | 15.0-12.0-14.5 | .... | .... | .... | .... | 11.5 | 11.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| SCOTTS MIRACLE-GRO PRODUCTS INC, MARYSVILLE, OH | | | | | | | | | | | | | | | | | | | | | |
| 13-4156 | 8.0-7.0-6.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .10 | .12 | .... | .... | .... | .... | .... | .... |
| 13-4174 | 24.0-8.0-16.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.018 | .... | .... | 0.07 | 0.08 | .15 | .20 | .... | .... | .... | .... | 0.06 | .06 |
| 13-4346 | 18.0-18.0-21.0 | .... | .... | 0.5 | 0.5 | .... | .... | .... | .... | .... | .... | 0.05 | 0.05 | .10 | .10 | .05 | .05 | .... | .... | 0.05 | .046 |
| 13-4718 | 24.0-8.0-16.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.023 | .... | .... | .... | .... | .15 | .19 | .05 | .05 | .... | .... | 0.06 | .062 |
| 13-4720 | 18.0-18.0-21.0 | .... | .... | 0.5 | 0.5 | .... | .... | .... | .... | .... | .... | .... | .... | .10 | .10 | .05 | .05 | .... | .... | 0.05 | .049 |
| 13-5310 | 8.0-7.0-6.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .10 | .11 | .... | .... | .... | .... | .... | .... |
| 13-5311 | 8.0-7.0-6.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .10 | .11 | .... | .... | .... | .... | .... | .... |
| 13-5313 | 12.0-4.0-8.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .10 | .11 | .05 | .05 | .... | .... | 0.05 | 0.05 |
| 13-5318 | 30.0-10.0-10.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.07 | 0.052* | .32 | .26* | .05 | .033* | .... | .... | 0.07 | .056* |
| 13-5319 | 24.0-8.0-6.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.07 | 0.08 | .15 | .20 | .05 | .05 | .... | .... | 0.06 | .06 |
| 13-5320 | 24.0-8.0-6.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.07 | 0.07 | .15 | .19 | .05 | .05 | .... | .... | 0.06 | .06 |
| 13-5321 | 24.0-8.0-16.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.07 | 0.07 | .15 | .18 | .05 | .049 | .... | .... | 0.06 | .059 |
| 13-5322 | 24.0-8.0-16.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.07 | 0.08 | .15 | .20 | .05 | .05 | .... | .... | 0.06 | .06 |
| 13-5324 | 18.0-18.0-21.0 | .... | .... | 0.5 | 0.5 | .... | .... | .... | .... | .... | .... | 0.05 | 0.05 | .10 | .10 | .05 | .05 | .... | .... | 0.05 | .05 |
| 13-5325 | 18.0-18.0-21.0 | .... | .... | 0.5 | 0.5 | .... | .... | .... | .... | .... | .... | 0.05 | 0.05 | .10 | .10 | .05 | .05 | .... | .... | 0.05 | .05 |
| 13-5326 | 18.0-18.0-21.0 | .... | .... | 0.5 | 0.5 | .... | .... | .... | .... | .... | .... | 0.05 | 0.05 | .10 | .10 | .05 | .05 | .... | .... | 0.05 | .048 |
| 13-5327 | 18.0-18.0-21.0 | .... | .... | 0.5 | 0.49 | .... | .... | .... | .... | .... | .... | 0.05 | 0.063 | .10 | .14 | .05 | .06 | .... | .... | 0.05 | .056 |
| 13-5328 | 18.0-24.0-16.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 0.05 | 0.05 | .10 | .14 | .05 | .05 | .... | .... | 0.05 | 0.05 |
| 13-5329 | 15.0-30.0-15.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.07 | 0.08 | .15 | .19 | .05 | .05 | .... | .... | 0.06 | .06 |
| 13-5349 | 11.0-7.0-7.0 | .... | .... | .... | .... | 2.1 | 3.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5352 | 10.0-12.0-10.0 | .... | .... | .... | .... | 2.2 | 2.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5356 | 6.0-12.0-6.0 | .... | .... | 0.5 | 1.06 | 2.0 | 3.1 | 0.02 | 0.02 | .... | .... | 0.05 | 0.05 | .15 | .36 | .05 | .06 | .... | .... | 0.05 | .05 |
| 13-5357 | 6.0-12.0-6.0 | .... | .... | .... | .... | 2.0 | 3.5 | 0.02 | 0.03 | .... | .... | 0.05 | 0.05 | .15 | .38 | .05 | .06 | .... | .... | 0.05 | .05 |
| SCOTTS-SIERRA HORTICULTUREAL PRODUCTS, MARYSVILLE, OH | | | | | | | | | | | | | | | | | | | | | |
| 13-3645 | 15.0-8.0-11.0 | .... | .... | 1.4 | 1.39 | 2.4 | 5.8 | 0.02 | 0.015 | .... | .... | .... | .... | .17 | .42 | .05 | .09 | .... | .... | .... | .... |
| SOUTHEAST COOPERATIVE SERVICE CO., ADVANCE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-2941 | 28.0-0.0-0.0 | .... | .... | .... | .... | 4.0 | 4.2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3742 | 41.0-0.0-0.0 | .... | .... | .... | .... | 4.0 | 4.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| SOUTHEAST COOPERATIVE SERVICE CO-ORAN., ADVANCE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3812 | 10.0-10.0-25.0 | .... | .... | .... | .... | 7.0 | 6.9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| SOUTHEAST COOPERATIVE SERVICE CO-MESSLER., ADVANCE, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4177 | 11.0-20.0-26.0 | .... | .... | .... | .... | 2.0 | 3.1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| SOUTHEAST COOPERATIVE SERVICE CO., DEXTER, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3777 | 15.0-17.0-19.0 | .... | .... | .... | .... | 4.0 | 4.5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| SOUTHEAST COOPERATIVE SERVICE CO, PUXICO, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-3965 | 31.0-0.0-0.0 | .... | .... | .... | .... | 12.0 | 13.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4008 | 11.0-17.0-24.0 | .... | .... | .... | .... | 4.0 | 5.4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| SWISS FARMS PRODUCTS INC., LAS VEGAS, NV | | | | | | | | | | | | | | | | | | | | | |
| 13-2986 | 15.0-30.0-15.0 | .... | .... | .... | .... | .... | .... | .02 | .02 | .... | .... | 0.07 | 0.09 | 0.15 | 0.2 | .05 | .06 | .... | .... | .06 | .07 |
| 13-3384 | 15.0-30.0-15.0 | .... | .... | .... | .... | .... | .... | .02 | .02 | .... | .... | 0.07 | 0.07 | 0.15 | 0.17 | .05 | .046 | .... | .... | .06 | .06 |
| 13-3444 | 12.0-5.0-7.0 | .... | .... | .... | .... | .... | .... | .02 | .03 | .... | .... | 0.05 | 0.05 | 0.20 | 0.51 | .05 | .09 | .... | .... | .05 | .22 |
| 13-4068 | 35.0-0.0-5.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5.0 | 4.12* | .... | .... | .... | .... | .... | .... |
| 13-4072 | 29.0-0.0-4.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 1.16 | .... | .... | .... | .... | .... | .... |
| THE ANDERSONS, INC - SR, MAITLAND, FL | | | | | | | | | | | | | | | | | | | | | |
| 13-4690 | 6.0-18.0-6.0 | .... | .... | .... | .... | 1.0 | 1.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| THE ESPOMA COMPANY, MILLVILLE, NJ | | | | | | | | | | | | | | | | | | | | | |
| 13-2530 | 4.0-3.0-3.0 | 4.0 | 4.4 | 1.0 | 1.42 | 2.0 | 2.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-5013 | 4.0-3.0-4.0 | 3.0 | 4.1 | .... | .... | 5.0 | 3.4* | .... | .... | .... | .... | .... | .... | .... | .... | 1.0 | 0.032* | .... | .... | .... | .... |
| 13-5015 | 3.0-4.0-6.0 | 8.0 | 6.58* | .... | .... | 3.0 | 2.7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|----------------|-------|------|---|------|---|-----|---|-----|---|------|---|------|---|------|---|------|---|------|---|------|---|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |

THE MULE BARN LLC, DEXTER, MO

13-3782 14.0-14.0-25.0 2.0 3.8

THE SCOTTS COMPANY, MARYSVILLE, OH

13-2716 32.0-0.0-4.0 7.0 7.8 2.0 2.17
 13-2719 30.0-0.0-4.0 10.0 10.9
 13-2902 22.0-2.0-2.0 13.0 13.6 5.75 5.93
 13-2903 11.0-2.0-2.0 1.5 2.33 1.0 0.8
 13-2905 30.0-0.0-4.0 10.0 10.6
 13-2909 26.0-0.0-3.0 10.0 10.9
 13-3060 32.0-0.0-10.0 4.0 5.0 2.0 2.34
 13-3061 32.0-0.0-4.0 7.0 7.7 2.0 2.22
 13-3062 30.0-0.0-4.0 10.0 10.9
 13-3066 28.0-0.0-3.0 7.0 7.8
 13-3237 32.0-2.0-8.0 3.0 3.9 2.0 2.4
 13-3253 22.0-2.0-2.0 5.75 6.25
 13-3258 11.0-2.0-2.0 1.5 2.39 1.0 0.6*
 13-3261 36.0-0.0-4.0 4.0 4.9
 13-3262 32.0-0.0-4.0 7.0 7.8 2.0 2.14
 13-3263 32.0-0.0-4.0 7.0 7.8 2.0 2.07
 13-3265 30.0-0.0-4.0 10.0 10.8
 13-3266 30.0-0.0-4.0 10.0 10.9
 13-3267 30.0-0.0-4.0 1.0 2.6
 13-3278 28.0-0.0-3.0 7.0 8.6
 13-3356 8.0-7.0-6.0 0.1 0.11
 13-3357 8.0-7.0-6.0 0.1 0.11
 13-3436 32.0-2.0-8.0 3.0 4.2 2.0 2.32
 13-3632 28.0-1.0-4.0 12.0 12.9
 13-3644 21.0-22.0-4.0 1.0 3.0
 13-3654 30.0-0.0-4.0 10.0 11.5
 13-3660 24.0-0.0-10.0 14.0 13.8
 13-3852 22.0-2.0-2.0 13.0 14.4 5.75 6.31
 13-3853 21.0-24.0-4.0 1.0 2.8 0.5 1.18
 13-3862 11.0-2.0-2.0 1.5 2.5 1.0 0.8
 13-3872 32.0-0.0-4.0 7.0 7.7 2.0 2.24
 13-4048 28.0-1.0-4.0 12.0 12.3
 13-4056 22.0-2.0-2.0 13.0 13.7 5.75 6.0
 13-4070 30.0-0.0-4.0 10.0 10.9
 13-4071 30.0-0.0-4.0 10.0 11.2
 13-4086 20.0-0.0-8.0 1.0 1.7
 13-4440 32.0-0.0-4.0 7.0 8.2 2.0 2.09
 13-4621 26.0-0.0-3.0 15.0 16.2
 13-4803 32.0-0.0-4.0 7.0 7.8 2.0 2.16
 13-5016 32.0-0.0-4.0 8.0 9.0 2.0 2.89
 13-5170 22.0-2.0-2.0 13.0 13.8 5.75 5.92
 13-5260 32.0-0.0-4.0 7.0 7.8 2.0 2.12
 13-5346 12.0-4.0-8.0 2.2 3.0
 13-5350 10.0-10.0-10.0 2.0 3.2

UNITED SUPPLIERS, INC., ELDORA, IA

13-4289 21.0-0.0-0.0 24.0 23.9
 13-4300 12.0-0.0-0.0 26.0 17.2
 13-5073 21.0-0.0-0.0 24.0 24.6

UNLIMITED RENEWABLES, LAKE MILLS, WI

13-4065 5.0-3.0-2.0 9.0 9.48

VAN DIEST SUPPLY COMPANY, WEBSTER CITY, IA

13-4688 0.0-0.0-0.0 90.0 92.6

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

| Lab No. 13# | Grade | % Ca | | % Mg | | % S | | % B | | % Cl | | % Cu | | % Fe | | % Mn | | % Na | | % Zn | |
|--|----------------|------|------|------|------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|-------|
| | | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F | G | F |
| VOLUNTARY PURCHASING GROUP, BONHAM, TX | | | | | | | | | | | | | | | | | | | | | |
| 13-3394 | 9.0-13.0-7.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.05 | 0.06 | 0.1 | 1.54 | 0.05 | 0.08 | .... | .... | 0.05 | 0.14 |
| 13-3395 | 9.0-13.0-7.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.03 | .... | .... | 0.05 | 0.08 | 0.1 | 1.82 | 0.05 | 0.11 | .... | .... | 0.05 | 0.13 |
| 13-3459 | 16.0-0.0-8.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.05 | 0.07 | 0.1 | 1.30 | 0.05 | 0.09 | .... | .... | 0.05 | 0.13 |
| 13-4088 | 18.0-0.0-6.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.02 | .... | .... | 0.05 | 0.09 | 5.0 | 5.56 | 0.05 | 0.19 | .... | .... | 0.05 | 0.34 |
| 13-4091 | 16.0-0.0-8.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.03 | .... | .... | 0.05 | 0.07 | 0.1 | 1.30 | 0.05 | 0.09 | .... | .... | 0.05 | 0.13 |
| 13-5339 | 18.0-6.0-12.0 | .... | .... | .... | .... | .... | .... | 0.02 | 0.014* | .... | .... | 0.05 | 0.026* | 0.25 | 0.92 | 0.05 | 0.026* | .... | .... | 0.05 | 0.02* |
| WEST CENTRAL AGRISERVICES, LLC., CENTERVIEW, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4491 | 15.5-15.5-15.5 | .... | .... | .... | .... | 7.7 | 8.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| WHITWORTH AG SPECIALTIES, LLC, WORTHINGTON, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4911 | 28.9-9.6-12.8 | .... | .... | .... | .... | 3.21 | 4.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| WINFIELD SOLUTIONS, LLC., ST. PAUL, MN | | | | | | | | | | | | | | | | | | | | | |
| 13-3067 | 24.0-0.0-4.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2.0 | 2.05 | .... | .... | .... | .... | .... | .... |
| 13-3068 | 23.0-0.0-7.0 | .... | .... | .... | .... | .... | .... | .... | .... | 5.4 | 6.0* | .... | .... | 2.0 | 2.27 | .... | .... | .... | .... | .... | .... |
| 13-3193 | 12.0-12.0-12.0 | .... | .... | .... | .... | .... | .... | .... | .... | 12.0 | 8.6* | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-3393 | 12.0-12.0-12.0 | .... | .... | .... | .... | .... | .... | .... | .... | 12.0 | 9.6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 13-4083 | 24.0-0.0-4.0 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2.0 | 2.01 | .... | .... | .... | .... | .... | .... |
| YOCUM FERTILIZER, INC, FAIRFAX, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4864 | 19.5-2.7-2.7 | | | | | 1.95 | 2.0 | | | | | | | | | | | | | | |
| YOCUM SERVICE, INC, MOUND CITY, MO | | | | | | | | | | | | | | | | | | | | | |
| 13-4524 | 8.7-14.5-8.7 | | | | | 4.35 | 4.7 | | | | | | | | | | | | | | |



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University of Missouri-Columbia

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To: Missouri Fertilizer Distributors and Users

From: Fertilizer Control Service

Subject: Participation in the Association of American Plant Food Control Officials (AAPFCO)

AAPFCO is an organization of fertilizer control officials from each state in the United States, Puerto Rico, and Canada who are actively engaged in the administration of state fertilizer laws and regulations; and, research workers employed by these governments who are engaged in any investigation concerning mixed fertilizers, fertilizer materials, their effect, and their component parts. Missouri Fertilizer Control and Experiment Station Chemical Lab staff participate and have active roles within AAPFCO for many years as officers and committee positions. Several years ago, working with the Fertilizer Institute and the International Plant Nutrition Institute (IPNI), AAPFCO adopted a policy on nutrient management planning that I want to share. The working title from IPNI was the 4-R's of Nutrient Management and the policy of fertilizer regulators is shared below, along with the positive environmental approach to the use of plant nutrients.

SUPPORT FOR NUTRIENT MANAGEMENT PLANNING WHEN USING FERTILIZERS

This policy statement affirms AAPFCO support for the comprehensive use of nutrient management planning (NMP) when using fertilizer products. AAPFCO works to ensure that regulations and legislation are sound from a scientific and agronomic perspective; pointing out that balanced nutrition, soil testing, nutrient use efficiency measures, and other tools are key to appropriate fertilizer use. We work closely with university and other organizations to achieve and advance these goals. We remain convinced that NMP is very site-specific. In certain areas soil testing and resultant nutrient application is more than adequate, but in sensitive watersheds, practices from precision agriculture, to appropriate timing and use of cover crops, to the use of advanced efficiency products may be necessary.

Soil, water and air are essential for growing food, and so are nutrients provided by fertilizers. The fertilizer control officials have a vested interest in promoting product stewardship to protect the environment and support the efficient use of plant nutrients. Our approach to nutrient management provides farmers with a variety of science-based best management practices (BMPs) promoting the use of the right product, applied at the right rate, right time and right place.

BMPs are designed to provide adequate nutrition for crops, while minimizing nutrient losses to the environment. The fertilizer industry partners with producers, government, university and private sector researchers to develop BMPs. These BMPs are articulated below:

Best Management Practices (BMPs)

Right Product (Match fertilizer type to crop needs)

- Soil Testing
- N, P, K, Secondary and Micronutrient
- Enhanced Efficiency Fertilizers
- Nutrient Management Planning

Select appropriate fertilizer and on-farm nutrient sources for the cropping system.

Right Time (Make nutrients available when crops need them)

- Application Timing
- Controlled Release Technologies
- Inhibitors
- Fertilizer Product Choice

Right Place (Keep nutrients where crops can use them)

- Application Method
- Incorporation of Fertilizer
- Buffer Strips
- Conservation Tillage
- Cover Cropping

Right Rate (Match amount of fertilizer to crop needs)

- Soil Testing
- Yield Goal Analysis
- Crop Removal Balance
- Nutrient Management Planning
- Plant Tissue Analysis
- Applicator Calibration
- Crop Scouting
- Record Keeping
- Variable Rate Technology
- Site-Specific Management

Making BMPs Work

Every farm and field is different. Farmers need to be able to select the BMPs that are best suited to regional and farm-specific conditions. Factors that may influence BMP selection include soil conditions, climate, topography and crops grown. With the help of experts such as Extension Agents and Certified Crop Advisers (CCAs), farmers can assess soil and environmental conditions on their individual farms and develop a customized nutrient management plan that incorporates the most appropriate BMPs. This flexibility is critical for farmers to maximize the economic and environmental benefits of adopting BMPs. Working in partnership with the farmers who manage the land is crucial to establish effective nutrient management practices. (Official 2009)

**MISSOURI
FERTILIZER
REPORT**

**Fertilizer Control Service
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**This report also available on the web at:
<http://aes.missouri.edu/pfcs/>**