

Table 2. Northern Illinois regional wheat variety trial results, 2006

| <u>Company</u> | <u>Entry</u> | <u>Regional average</u> | | | <u>Perry</u> | <u>Urbana</u> | <u>DeKalb</u> |
|-------------------------------|--------------|-------------------------|-------------------|----------------|--------------|---------------|---------------|
| | | <u>Yield</u> | <u>Yield Rank</u> | <u>Test wt</u> | <u>Yield</u> | <u>Yield</u> | <u>Yield</u> |
| AgriPro COKER | 9436 | 84.5 | 47 | 57.5 | 73.8 | 87.4 | 92.2 |
| AgriPro COKER | 9511 | 84.9 | 44 | 60.2 | 80.8 | 94.5 | 79.5 |
| AgriPro COKER | 9553 | 85.1 | 43 | 60.0 | 71.3 | 90.7 | 93.4 |
| AgriPro COKER | Benton | 93.4 | 10 | 58.1 | 78.8 | 105.5 | 96.0 |
| AgriPro COKER | Branson | 92.9 | 11 | 57.7 | 78.3 | 107.9 | 92.5 |
| AgriPro COKER | Cooper | 95.8 | 5 | 59.0 | 81.2 | 102.9 | 103.4 |
| DeRaedt Seed | 77 SR | 80.7 | 59 | 61.2 | 77.8 | 77.3 | 87.1 |
| DeRaedt Seed | 88 | 87.0 | 30 | 58.6 | 73.6 | 94.3 | 93.1 |
| DeRaedt Seed | 98 | 86.1 | 41 | 57.4 | 63.4 | 93.4 | 101.5 |
| Excel Brand Seeds | 307 | 90.8 | 16 | 58.5 | 73.5 | 102.3 | 96.6 |
| Excel Brand Seeds | 361 | 83.9 | 54 | 60.1 | 71.2 | 91.1 | 89.4 |
| Excel Brand Seeds | 399 | 89.9 | 23 | 58.0 | 75.5 | 101.3 | 93.1 |
| Excel Brand Seeds | 400-1 | 88.0 | 25 | 59.0 | 73.8 | 96.7 | 93.5 |
| Excel Brand Seeds | 410 TW | 86.7 | 33 | 58.9 | 74.0 | 97.6 | 88.6 |
| Excel Brand Seeds | 442 | 84.6 | 46 | 59.3 | 75.0 | 96.8 | 82.1 |
| FS Seeds | FS 634 | 90.2 | 19 | 58.6 | 78.3 | 98.1 | 94.1 |
| FS Seeds | FS 637 | 95.3 | 6 | 59.4 | 84.0 | 104.1 | 97.7 |
| FS Seeds | FS 645 | 86.3 | 39 | 59.8 | 78.5 | 87.5 | 92.9 |
| FS Seeds | FS 657 | 90.0 | 22 | 57.3 | 78.2 | 92.3 | 99.5 |
| FS Seeds | FS 8302 | 96.9 | 4 | 59.4 | 86.2 | 104.8 | 99.6 |
| FS Seeds | FS 8309 | 92.2 | 12 | 58.5 | 80.0 | 101.6 | 94.8 |
| Green Valley Seed | 733 | 90.4 | 18 | 58.6 | 79.6 | 99.0 | 92.6 |
| Green Valley Seed | Exp 061 | 87.1 | 29 | 57.9 | 81.8 | 96.3 | 83.3 |
| Green Valley Seed | Exp 062 | 95.0 | 7 | 59.3 | 79.9 | 105.8 | 99.2 |
| Kaltenberg Seed | KW 51 | 83.0 | 56 | 59.0 | 76.8 | 82.3 | 89.7 |
| Kaltenberg Seed | KW 55 | 84.8 | 45 | 58.4 | 72.5 | 93.0 | 89.0 |
| Kaltenberg Seed | KW 59 | 90.1 | 20 | 57.8 | 78.5 | 91.5 | 100.3 |
| Lewis Hybrids | 841 | 96.9 | 3 | 59.5 | 87.4 | 104.7 | 98.7 |
| Lewis Hybrids | 860 | 86.8 | 32 | 58.3 | 75.3 | 96.8 | 88.2 |
| Merschman Seeds | Barbie VII | 86.6 | 35 | 59.1 | 71.9 | 98.8 | 89.2 |
| Merschman Seeds | Bintee VII | 82.8 | 57 | 58.8 | 67.4 | 92.2 | 88.9 |
| Merschman Seeds | Genie IX | 87.7 | 27 | 58.3 | 73.4 | 95.8 | 93.8 |
| Merschman Seeds | Katie X | 86.5 | 36 | 58.2 | 75.5 | 94.9 | 89.2 |
| Pioneer HI-Bred International | 25R37 | 93.5 | 9 | 59.0 | 76.6 | 109.0 | 94.9 |
| Pioneer HI-Bred International | 25R47 | 97.0 | 1 | 56.1 | 84.2 | 101.8 | 105.0 |
| Pioneer HI-Bred International | 25R51 | 92.1 | 13 | 56.9 | 74.8 | 100.8 | 100.8 |
| Public | Cardinal | 78.2 | 60 | 56.9 | 75.8 | 78.1 | 80.7 |
| Public | Kaskaskia | 84.2 | 50 | 60.8 | 69.5 | 90.7 | 92.5 |
| Public | Madison | 86.6 | 34 | 57.2 | 74.3 | 98.8 | 86.8 |
| Public | McCormick | 84.3 | 49 | 60.8 | 75.0 | 90.9 | 87.0 |
| Public | Patterson | 75.6 | 62 | 58.5 | 69.8 | 88.8 | 68.2 |
| Public | Roane | 87.0 | 31 | 60.7 | 74.2 | 94.1 | 92.6 |
| Public | Sisson | 84.5 | 48 | 57.8 | 80.7 | 87.3 | 85.3 |
| Public | Truman | 90.0 | 21 | 58.3 | 76.0 | 92.9 | 101.1 |
| Royster-Clark | V9410 | 86.5 | 37 | 58.8 | 75.7 | 91.2 | 92.5 |
| Royster-Clark | V9412 | 77.8 | 61 | 58.9 | 68.4 | 76.0 | 88.9 |
| Royster-Clark | V9512 | 84.0 | 52 | 58.2 | 69.7 | 93.9 | 88.4 |
| Royster-Clark | V9611 | 93.9 | 8 | 59.3 | 81.5 | 108.5 | 91.9 |
| Steyer Seeds | Merrell | 97.0 | 2 | 59.6 | 85.8 | 106.7 | 98.5 |
| Steyer Seeds | Wiley | 80.9 | 58 | 59.5 | 74.6 | 86.1 | 82.1 |
| UAP | DG 401 | 86.4 | 38 | 58.9 | 73.4 | 91.9 | 94.0 |
| UAP | DG 410 | 90.7 | 17 | 58.6 | 83.3 | 96.9 | 91.9 |
| UAP | DG 415 | 90.9 | 15 | 58.7 | 75.9 | 102.5 | 94.5 |
| UAP | DG 421 | 84.0 | 53 | 59.2 | 81.8 | 82.2 | 87.9 |
| UAP | DG 427 | 87.6 | 28 | 58.6 | 76.6 | 94.3 | 91.9 |
| Wilken Seed Grains | W-100 | 85.6 | 42 | 59.0 | 74.8 | 91.3 | 90.8 |
| Wilken Seed Grains | W-102 | 83.9 | 55 | 58.8 | 72.8 | 92.2 | 86.7 |
| Wilken Seed Grains | W-106 | 89.4 | 24 | 58.5 | 73.7 | 97.2 | 97.4 |
| Wilken Seed Grains | W-124 | 86.2 | 40 | 59.7 | 67.3 | 96.6 | 94.7 |
| Wilken Seed Grains | W-130 | 84.1 | 51 | 59.3 | 77.2 | 85.7 | 89.4 |
| Wilken Seed Grains | W-135 | 87.8 | 26 | 58.7 | 69.8 | 100.0 | 93.7 |
| Wilken Seed Grains | W-204 | 90.9 | 14 | 58.3 | 78.1 | 101.5 | 93.3 |
| | Trial Mean | 88.1 | | 58.8 | 76.5 | 95.9 | 92.0 |
| | LSD, 10% | 6.6 | | 0.7 | 6.0 | 3.9 | 3.7 |
| | CV, % | 9.5 | | 1.5 | 7.5 | 3.9 | 3.8 |

Averaged over four varieties in the Northern Region, Gaucho seed treated increased yield by 1.8 bushels/acre.