

Northern Illinois regional wheat variety trial results, 2004

| Company | Entry | STI* | Regional average | | | Perry Yield | Urbana Yield | DeKalb Yield |
|-----------------------------|---------------|------|------------------|------------|---------|----------------|-----------------|-----------------|
| | | | Yield | Yield Rank | Test wt | | | |
| Agripro Wheat | Benton | | 88.9 | 32 | 56.1 | 94.3 | 84.6 | 87.9 |
| Agripro Wheat | Douglas | | 84.4 | 44 | 53.8 | 81.5 | 92.7 | 79.1 |
| Agripro Wheat | Cooper | | 93.3 | 12 | 57.2 | 94.7 | 98.3 | 86.9 |
| DeRaedt Seed | 7811 | | 87.5 | 38 | 57.1 | 83.7 | 93.8 | 84.9 |
| Diener Seeds | D491 W | | 89.1 | 31 | 57.0 | 92.4 | 91.8 | 83.1 |
| Diener Seeds | D498 W | | 89.5 | 30 | 58.2 | 90.7 | 90.4 | 87.4 |
| Diener Seeds | D500 W | | 91.5 | 22 | 57.2 | 94.1 | 93.2 | 87.3 |
| Diener Seeds | D502 W | | 91.8 | 19 | 56.6 | 96.0 | 95.2 | 84.3 |
| Diener Seeds | DXW 41 | | 93.3 | 13 | 59.7 | 101.5 | 95.3 | 83.0 |
| Excel Brand Seeds | 307 | I | 95.3 | 6 | 57.4 | 95.4 | 101.4 | 89.2 |
| Excel Brand Seeds | 333 | I | 92.2 | 17 | 56.5 | 101.7 | 91.5 | 83.3 |
| Excel Brand Seeds | 352 tw | I | 88.8 | 33 | 55.8 | 95.5 | 93.0 | 78.0 |
| Excel Brand Seeds | 355 | I | 83.0 | 49 | 55.8 | 86.8 | 89.6 | 72.6 |
| Excel Brand Seeds | 368 | I | 91.2 | 24 | 56.1 | 95.7 | 92.9 | 85.0 |
| Excel Brand Seeds | 376 | I | 79.0 | 59 | 55.2 | 78.5 | 86.3 | 72.2 |
| Excel Brand Seeds | 392 | I | 87.6 | 37 | 56.5 | 92.6 | 91.6 | 78.5 |
| Excel Brand Seeds | 400-1 | I | 93.0 | 15 | 56.8 | 101.0 | 94.9 | 83.1 |
| Excel Brand Seeds | 410 tw | I | 92.4 | 16 | 56.8 | 92.6 | 96.3 | 88.4 |
| Green Valley Seed | Willcross 733 | | 97.8 | 2 | 58.4 | 102.9 | 99.0 | 91.6 |
| Green Valley Seed | Willcross 738 | | 90.9 | 27 | 56.3 | 91.3 | 95.9 | 85.5 |
| GROWMARK | FS 539 | | 94.0 | 10 | 58.0 | 95.4 | 100.6 | 85.9 |
| GROWMARK | FS 634 | | 94.1 | 9 | 57.2 | 95.2 | 102.6 | 84.5 |
| GROWMARK | FS 652 | | 93.2 | 14 | 56.5 | 99.5 | 91.8 | 88.4 |
| GROWMARK | FS 8302 | | 90.7 | 28 | 58.5 | 97.1 | 89.0 | 86.0 |
| GROWMARK | FS 8309 | | 86.2 | 42 | 59.4 | 79.7 | 86.9 | 91.9 |
| Lewis Hybrids | 855 | | 93.4 | 11 | 56.0 | 96.5 | 98.2 | 85.5 |
| Lewis Hybrids | 864 | | 91.2 | 25 | 58.5 | 93.3 | 90.8 | 89.5 |
| Merschman Seeds | Barbie VII | | 94.8 | 7 | 57.5 | 98.3 | 95.3 | 90.8 |
| Merschman Seeds | Genie IX | | 97.4 | 3 | 56.9 | 95.6 | 101.9 | 94.7 |
| Ohio Seed Improvement Assoc | Bravo | | 82.2 | 51 | 56.1 | 86.5 | 88.7 | 71.4 |
| Ohio Seed Improvement Assoc | Daisy | | 76.6 | 60 | 53.5 | 83.0 | 75.0 | 72.0 |
| Ohio Seed Improvement Assoc | Hopewell | | 75.6 | 62 | 56.0 | 72.6 | 71.9 | 82.2 |
| Pioneer Hi-Bred Int'l | 25R37 | | 88.1 | 35 | 58.9 | 90.7 | 89.4 | 84.3 |
| Pioneer Hi-Bred Int'l | 25R47 | | 96.7 | 4 | 54.3 | 104.7 | 101.9 | 83.6 |
| Pioneer Hi-Bred Int'l | 25R49 | | 91.3 | 23 | 55.3 | 93.0 | 95.8 | 85.2 |
| Public | Cardinal | | 80.2 | 56 | 56.2 | 87.5 | 79.0 | 73.9 |
| Public | Clark | | 76.4 | 61 | 55.9 | 81.4 | 83.0 | 64.9 |
| Public | Ernie | | 86.2 | 41 | 57.0 | 90.5 | 90.1 | 77.9 |
| Public | Kaskaskia | | 87.2 | 39 | 58.9 | 89.6 | 88.1 | 83.9 |
| Public | Madison | | 83.5 | 48 | 54.4 | 92.6 | 89.2 | 68.7 |
| Public | McCormick | | 81.0 | 54 | 59.3 | 86.1 | 80.1 | 77.0 |
| Public | Patterson | | 82.0 | 52 | 57.1 | 85.9 | 87.1 | 73.0 |
| Public | Roane | | 83.7 | 47 | 59.6 | 85.1 | 93.2 | 72.7 |
| Public | Sisson | | 87.1 | 40 | 55.6 | 94.6 | 92.6 | 74.0 |
| Public | Truman | | 88.5 | 34 | 58.0 | 94.7 | 95.3 | 75.4 |
| Royster-Clark | Tribute | | 85.2 | 43 | 57.9 | 93.2 | 83.8 | 78.5 |
| Royster-Clark | V9122 | | 90.5 | 29 | 56.8 | 95.3 | 93.2 | 82.9 |
| Royster-Clark | V9412 | | 95.4 | 5 | 58.7 | 99.7 | 93.9 | 92.7 |
| Syngenta Seeds | B 970051 | | 91.6 | 21 | 55.9 | 95.7 | 91.1 | 87.9 |
| Syngenta Seeds | Coker 9312 | | 82.0 | 53 | 56.7 | 88.2 | 84.9 | 72.9 |
| Syngenta Seeds | Coker 9375 | | 80.4 | 55 | 52.2 | 82.9 | 90.3 | 67.9 |
| Syngenta Seeds | Coker 9474 | | 84.1 | 46 | 60.0 | 88.4 | 79.8 | 84.0 |
| Syngenta Seeds | Coker 9663 | | 88.0 | 36 | 57.3 | 97.6 | 90.4 | 76.1 |
| UAP/Richter | DG401 | | 94.5 | 8 | 57.0 | 102.0 | 94.6 | 86.8 |
| UAP/Richter | DG415 | | 91.2 | 26 | 56.8 | 91.3 | 100.1 | 82.2 |
| UAP/Richter | DG419 | | 79.1 | 58 | 56.5 | 80.1 | 79.3 | 78.0 |
| Wilken Seed Grains | 106 | | 97.9 | 1 | 58.1 | 101.2 | 99.5 | 93.1 |
| Wilken Seed Grains | 108 | | 82.6 | 50 | 56.3 | 91.2 | 84.6 | 71.9 |
| Wilken Seed Grains | 121 | | 84.4 | 45 | 56.6 | 82.4 | 90.1 | 80.6 |
| Wilken Seed Grains | 124 | | 92.0 | 18 | 58.5 | 93.9 | 91.1 | 91.1 |
| Wilken Seed Grains | 154 | | 79.7 | 57 | 56.0 | 83.4 | 78.0 | 77.7 |
| Wilken Seed Grains | 204 | | 91.6 | 20 | 56.8 | 95.6 | 92.7 | 86.6 |
| | Trial Mean | | 88.6 | | 57.0 | 92.0 | 91.4 | 82.5 |
| | LSD, 10% | | 6.6 | | 2.1 | 10.4 | 5.9 | 5.3 |
| | CV, % | | 8.9 | | 3.7 | 6.8 | 4.7 | 4.7 |

* STI: Entries with an "I" were treated with Gaucht seed treatment insecticide by the company that entered them. Averaged over three different varieties in this trial, Gaucht increased yield by **0.7 bushels/acre in this Region**.