

**Table 1. Southern Illinois regional wheat variety trial results, 2007**

| <u>Company</u>                 | <u>Variety</u>       | <u>Regional Average</u> |                              |                         | <u>Belleville</u>   | <u>Brownstown</u>     |
|--------------------------------|----------------------|-------------------------|------------------------------|-------------------------|---------------------|-----------------------|
|                                |                      | <u>Yield</u><br>bu/ac   | <u>Yield Rank</u><br>1 to 64 | <u>Test wt</u><br>lb/bu | <u>Yield</u><br>in. | <u>Yield</u><br>bu/ac |
| Adler Seed                     | Adler 565            | 77.0                    | 19                           | 58.7                    | 70.2                | 83.7                  |
| Adler Seed                     | Adler 575            | 66.3                    | 48                           | 57.9                    | 58.5                | 74.1                  |
| AgriPro COKER                  | Branson              | 70.7                    | 38                           | 58.9                    | 68.0                | 73.5                  |
| AgriPro COKER                  | COKER 9312           | 59.1                    | 62                           | 60.7                    | 60.2                | 58.0                  |
| AgriPro COKER                  | COKER 9511           | 67.1                    | 46                           | 62.7                    | 63.3                | 71.0                  |
| AgriPro COKER                  | COKER 9553           | 60.6                    | 60                           | 60.1                    | 57.7                | 63.5                  |
| AgriPro COKER                  | Cooper               | 69.8                    | 42                           | 58.8                    | 66.5                | 73.0                  |
| AgriPro COKER                  | W1377                | 78.3                    | 14                           | 62.0                    | 74.3                | 82.2                  |
| Beck's Hybrids                 | BECK 117             | 70.4                    | 39                           | 60.3                    | 64.2                | 76.6                  |
| Beck's Hybrids                 | BECK 122             | 77.5                    | 16                           | 58.5                    | 66.6                | 88.4                  |
| Brown Seed Enterprises         | 766                  | 70.1                    | 40                           | 60.3                    | 62.7                | 77.5                  |
| Brown Seed Enterprises         | ARISE 817            | 74.2                    | 29                           | 60.4                    | 67.1                | 81.3                  |
| Brown Seed Enterprises         | ARISE 857            | 76.7                    | 20                           | 57.2                    | 65.7                | 87.7                  |
| Brown Seed Enterprises         | ARISE 887            | 75.2                    | 23                           | 58.6                    | 70.7                | 79.7                  |
| Brown Seed Enterprises         | ARISE X-21           | 72.8                    | 32                           | 60.7                    | 64.6                | 81.0                  |
| Coops Creek Acres              | EXCEL 410 TW         | 78.3                    | 12                           | 60.1                    | 72.2                | 84.5                  |
| Coops Creek Acres              | EXCEL 410 TW Cruiser | 86.5                    | 2                            | 60.6                    | 80.1                | 92.9                  |
| CPS-Vigoro Seeds               | Vigoro 9611          | 67.3                    | 45                           | 58.1                    | 59.0                | 75.6                  |
| CPS-Vigoro Seeds               | Vigoro 9710          | 66.2                    | 49                           | 59.3                    | 56.5                | 76.0                  |
| CPS-Vigoro Seeds               | Vigoro 9712          | 65.7                    | 51                           | 60.1                    | 61.6                | 69.7                  |
| CPS-Vigoro Seeds               | Vigoro 9723          | 74.9                    | 25                           | 58.8                    | 68.6                | 81.2                  |
| Excel Brand Seed               | EXCEL 442            | 80.8                    | 7                            | 59.9                    | 78.3                | 83.4                  |
| GROWMARK                       | FS 618               | 65.8                    | 50                           | 59.7                    | 54.9                | 76.7                  |
| GROWMARK                       | FS 628               | 75.6                    | 21                           | 59.0                    | 66.2                | 85.0                  |
| GROWMARK                       | FS 634               | 71.7                    | 33                           | 60.1                    | 64.1                | 79.4                  |
| GROWMARK                       | FS 637               | 62.8                    | 58                           | 58.5                    | 51.4                | 74.2                  |
| GROWMARK                       | FS 645               | 64.3                    | 54                           | 59.5                    | 54.0                | 74.7                  |
| Haas Seed House                | EXCEL 343            | 77.1                    | 17                           | 59.4                    | 74.3                | 79.8                  |
| Haas Seed House                | EXCEL 343 Cruiser    | 87.5                    | 1                            | 59.9                    | 80.5                | 94.5                  |
| Hartke Seed Farms              | EXCEL 307            | 73.7                    | 31                           | 60.1                    | 66.2                | 81.3                  |
| Hoffman Seed House             | EXCEL 173            | 70.7                    | 37                           | 60.2                    | 63.9                | 77.5                  |
| Hoffman Seed House             | EXCEL 173 Cruiser    | 81.8                    | 4                            | 60.2                    | 71.4                | 92.2                  |
| JGL                            | Exp 701              | 74.5                    | 27                           | 56.5                    | 64.2                | 84.9                  |
| Kitchen Seed Company           | KSC 406W             | 71.4                    | 34                           | 60.2                    | 61.9                | 80.9                  |
| Kitchen Seed Company           | KSC 407W             | 63.8                    | 55                           | 59.6                    | 53.0                | 74.6                  |
| Lewis Hybrids                  | LEWIS 830            | 78.5                    | 11                           | 59.2                    | 68.8                | 88.2                  |
| Lewis Hybrids                  | LEWIS 841            | 64.9                    | 53                           | 58.1                    | 55.4                | 74.3                  |
| Miles Seed                     | EXSEGEN Judith       | 70.8                    | 36                           | 57.5                    | 60.6                | 81.1                  |
| Miles Seed                     | EXSEGEN Rachel       | 52.7                    | 64                           | 55.7                    | 51.7                | 53.6                  |
| Miles Seed                     | EXSGEN Dinah         | 71.1                    | 35                           | 61.0                    | 65.2                | 77.1                  |
| Miles Seed                     | EXSGEN Leah          | 62.6                    | 59                           | 58.6                    | 62.2                | 63.0                  |
| Miles Seed                     | EXSGEN Lydia         | 62.8                    | 57                           | 59.6                    | 60.8                | 64.9                  |
| Miller Bros. Farm & Fertilizer | EXCEL 392 TW         | 74.0                    | 30                           | 59.2                    | 75.1                | 72.9                  |
| Miller Bros. Farm & Fertilizer | EXCEL 392 TW Cruiser | 80.2                    | 9                            | 59.0                    | 76.9                | 83.5                  |
| MWS Seeds                      | MWS 132              | 77.5                    | 15                           | 60.4                    | 73.5                | 81.6                  |
| MWS Seeds                      | MWS 135              | 80.0                    | 10                           | 58.6                    | 72.4                | 87.7                  |
| Pioneer Hi-Bred Int'l          | Pioneer 25R47        | 83.4                    | 3                            | 57.3                    | 78.1                | 88.6                  |
| Pioneer Hi-Bred Int'l          | Pioneer 25R54        | 74.8                    | 26                           | 59.7                    | 72.2                | 77.4                  |
| Pioneer Hi-Bred Int'l          | Pioneer 25R56        | 80.8                    | 6                            | 58.3                    | 74.1                | 87.6                  |
| Pioneer Hi-Bred Int'l          | Pioneer 25R63        | 78.3                    | 13                           | 60.1                    | 78.2                | 78.4                  |
| Pioneer Hi-Bred Int'l          | Pioneer 25R78        | 80.7                    | 8                            | 61.1                    | 72.6                | 88.7                  |
| Public                         | Bess                 | 68.6                    | 44                           | 60.9                    | 63.4                | 73.8                  |
| Public                         | Ernie                | 63.1                    | 56                           | 59.3                    | 55.9                | 70.2                  |
| Public                         | Kaskaskia            | 80.8                    | 5                            | 62.1                    | 75.9                | 85.8                  |
| Public                         | Madison              | 59.6                    | 61                           | 57.9                    | 57.1                | 62.1                  |
| Public                         | McCormick            | 65.1                    | 52                           | 61.4                    | 60.3                | 69.9                  |
| Public                         | Patterson            | 67.1                    | 47                           | 60.5                    | 60.6                | 73.5                  |
| Public                         | Roane                | 75.1                    | 24                           | 61.8                    | 72.0                | 78.2                  |
| Public                         | Sisson               | 56.3                    | 63                           | 57.5                    | 52.8                | 59.9                  |
| Public                         | Truman               | 75.5                    | 22                           | 57.9                    | 77.7                | 73.3                  |
| UAP Distribution               | Dyna-Gro 410         | 74.5                    | 28                           | 59.1                    | 65.8                | 83.1                  |
| UAP Distribution               | Dyna-Gro 415         | 69.3                    | 43                           | 59.4                    | 61.6                | 77.1                  |
| UAP Distribution               | Dyna-Gro 421         | 69.8                    | 41                           | 60.5                    | 63.8                | 75.9                  |
| UAP Distribution               | Dyna-Gro 444         | 77.1                    | 18                           | 59.9                    | 72.5                | 81.6                  |
|                                | Trial Mean           | 72.3                    |                              | 59.6                    | 66.3                | 78.3                  |
|                                | LSD, 10%             | 8.0                     |                              | 1.7                     | 4.0                 | 5.6                   |
|                                | CV, %                | 11.4                    |                              | 2.4                     | 5.8                 | 6.8                   |

Averaged over three varieties in the Southern Region, Gaucho seed treated increased yield by 3.2 bushels/acre.