

**Table 1. Performance of wheat at Wanatah, IN, 2010.<sup>1</sup>**

| Line designation | Grain yield<br>bu/a | Rank <sup>2</sup> | Test weight<br>lb/bu | Heading date<br>Julian | Plant height<br>in. | Straw score <sup>3</sup><br>0-9 | Grain appearance <sup>4</sup> | FDK <sup>5</sup><br>% |
|------------------|---------------------|-------------------|----------------------|------------------------|---------------------|---------------------------------|-------------------------------|-----------------------|
| Bess             | 92.0                | 6                 | 47.8                 | 141.0                  | 34.0                | 4                               | E                             | 0.5                   |
| Branson          | 94.5                | 2                 | 54.2                 | 136.5                  | 30.5                | 4                               | E                             | 1.0                   |
| INW0412          | 93.0                | 4                 | 58.0                 | 139.0                  | 39.0                | 4                               | E                             | 0.5                   |
| INW0731          | 88.0                | 8                 | 45.4                 | 137.5                  | 32.5                | 3                               | E                             | 3.0                   |
| INW0803          | 86.0                | 9                 | 48.1                 | 135.5                  | 28.0                | 2                               | G+                            | 4.0                   |
| INW1021          | 86.0                | 9                 | 51.7                 | 138.0                  | 34.5                | 5                               | G+                            | 4.0                   |
| PIO25R56         | 96.5                | 1                 | 49.2                 | 139.5                  | 30.5                | 3                               | E-                            | 1.0                   |
| AG2581           | 93.0                | 4                 | 53.1                 | 139.0                  | 31.5                | 4                               | E-                            | 1.0                   |
| AG2738           | 94.5                | 2                 | 44.3                 | 141.0                  | 31.0                | 3                               | E                             | 1.0                   |
| AG2579           | 89.0                | 7                 | 46.0                 | 140.5                  | 32.5                | 3                               | G+                            | 2.0                   |
| No. of reps      | 2                   |                   | 1                    | 2                      | 2                   | 1                               |                               | 1                     |
| Location means:  | 91.25               |                   | 49.78                | 138.75                 | 32.40               | 3.5                             |                               | 1.80                  |
| CV %             | 6.21                |                   |                      | 0.93                   | 3.52                |                                 |                               |                       |
| LSD (0.05)       | 12.63               |                   |                      | 2.86                   | 2.54                |                                 |                               |                       |

<sup>1</sup>Seeded 10/19/09. Fertilizer: none in fall (after soybeans); Topdress 95/00/00, 3/5/10. Harvested 7/2/10.

<sup>2</sup>No statistically significant differences between varieties in this test.

<sup>3</sup>0=no lodging and strong straw to 9=lodged flat.

<sup>4</sup>E=excellent, G=good, F=fair, P=poor - non Fusarium-diseased kernels.

<sup>5</sup>Fusarium diseased kernels. Kernels with noticeable fusarium infection.