

Table 25. Summary of performance of entries in the **Virginia Tech** Wheat Test, 2012 harvest.

| Line | Yield (Bu/a) | Test Weight (Lb/bu) | Date Headed (Julian) | Height (In) | Early Height (In) | Lodging (0-9) | Early Lodging (0-9) | Leaf Rust (0-9) | Powdery Mildew (0-9) | Barley Yellow Dwarf Virus (0-9) | Hessian Fly Resistance (Biotype) ¹ | Awns ² |
|---------------------------|-----------------|---------------------------|----------------------------|----------------|-------------------------|------------------|---------------------------|-----------------------|----------------------------|---------------------------------------|--|-------------------|
| | (6) | (6) | (2) | (3) | (2) | (3) | (1) | (2) | (4) | (3) | | |
| SS 5205 | 84.9 + | 59.6 + | 108.7 - | 30.7 - | 6.4 | 3.7 | 0.0 | 1.6 - | 0.8 - | 2.0 - | - | AL |
| USG 3555 | 84.3 + | 58.4 - | 105.0 - | 31.6 - | 8.9 + | 4.0 | 5.5 + | 3.1 | 0.8 - | 1.8 - | - | AL |
| USG 3120 | 84.1 + | 59.4 | 102.6 - | 35.1 | 9.1 + | 3.9 | 7.0 + | 1.7 - | 0.4 - | 2.1 - | - | TA/AL |
| Pioneer 26R15 | 83.3 + | 58.8 | 110.0 | 36.9 + | 5.8 | 1.5 - | 0.0 | 3.0 | 1.0 | 1.8 - | BCDOL | A |
| Shirley | 83.1 + | 58.0 - | 112.6 + | 33.6 | 5.3 - | 1.6 - | 0.0 | 0.3 - | 0.0 - | 2.6 | - | AL |
| USG 3612 | 82.8 + | 58.0 - | 111.3 | 35.3 | 5.3 - | 3.7 | 0.0 | 5.0 + | 1.5 | 2.4 | - | TA/AL |
| USG 3251 | 82.3 + | 59.5 + | 114.9 + | 36.2 + | 3.9 - | 3.0 | 0.0 | 2.7 | 0.9 - | 2.4 | - | A |
| Merl | 81.9 | 60.1 + | 110.3 | 34.2 | 7.4 | 2.7 | 0.0 | 3.1 | 0.3 - | 3.4 | - | AL |
| AgriMAXX Exp 1215 | 81.4 | 58.2 - | 110.9 | 34.3 | 4.3 - | 3.5 | 0.0 | 5.4 + | 1.7 | 2.6 | - | TA |
| Featherstone VA258 | 81.4 | 58.5 - | 110.7 | 36.1 + | 8.9 + | 4.8 + | 2.0 | 0.6 - | 0.9 - | 2.6 | - | TA/AL |
| Pioneer 26R20 | 81.3 | 59.3 | 114.7 + | 35.5 | 4.5 - | 3.7 | 0.0 | 0.6 - | 1.3 | 3.5 | BCDO | A |
| 5187J | 81.1 | 60.9 + | 107.3 - | 33.3 - | 8.8 + | 4.6 + | 6.0 + | 3.0 | 2.8 + | 3.0 | - | TA |
| PGX 11-14 | 81.0 | 58.5 | 114.6 + | 36.0 + | 5.1 - | 3.1 | 0.0 | 4.1 + | 3.7 + | 3.5 | - | TA |
| Progeny 117 | 80.7 | 58.4 - | 103.4 - | 36.9 + | 8.6 + | 4.9 + | 0.0 | 5.1 + | 3.3 + | 2.6 | - | AL |
| AgriMAXX 413 | 80.5 | 56.7 - | 111.7 + | 32.6 - | 4.8 - | 1.1 - | 0.0 | 1.9 | 1.5 | 4.6 + | - | A |
| USG 3172 | 80.3 | 59.2 | 109.6 | 37.2 + | 7.6 + | 4.4 + | 2.8 | 0.1 - | 1.8 | 3.4 | - | TA/AL |
| Pioneer XW10T | 80.3 | 58.7 | 113.3 + | 32.4 - | 4.9 - | 1.3 - | 0.0 | 1.6 - | 0.9 - | 2.6 | BCDOL | A |
| Progeny 308 | 80.2 | 59.6 + | 112.4 + | 34.2 | 4.7 - | 2.0 | 0.0 | 4.0 + | 0.9 - | 2.8 | - | A |
| Progeny 185 | 80.2 | 58.9 | 109.6 | 36.1 + | 4.9 - | 2.4 | 0.0 | 5.7 + | 2.1 + | 3.1 | D | AL |
| USG 3409 | 80.0 | 59.6 + | 108.9 - | 35.6 | 6.6 | 3.3 | 2.8 | 5.3 + | 1.5 | 1.9 - | O | TA |
| 12V51 | 79.9 | 58.3 - | 107.0 - | 31.9 - | 8.8 + | 4.5 + | 2.8 | 0.0 - | 0.8 - | 2.2 - | - | TA/AL |
| USG 3438 | 79.7 | 56.8 - | 111.6 + | 32.3 - | 4.6 - | 0.9 - | 0.0 | 2.0 | 1.7 | 4.3 + | - | AL |
| SS 520 | 79.5 | 58.3 - | 104.3 - | 34.5 | 9.6 + | 4.5 + | 1.8 | 3.0 | 0.5 - | 4.3 + | - | TA/AL |
| Jamestown | 79.4 | 60.0 + | 103.3 - | 33.3 - | 10.0 + | 4.6 + | 4.0 + | 2.7 | 0.5 - | 2.5 | BCD | AL |
| Chesapeake | 79.3 | 59.8 + | 109.0 | 33.8 | 8.1 + | 3.7 | 1.0 | 6.0 + | 0.3 - | 3.4 | - | TA |
| Dyna-Gro 9042 | 79.0 | 58.7 | 113.4 + | 33.8 | 4.6 - | 2.4 | 0.0 | 3.9 + | 1.1 | 3.5 | - | TA |
| SY Harrison | 78.8 | 57.4 - | 113.9 + | 33.8 | 5.2 - | 1.9 | 0.0 | 2.7 | 3.5 + | 3.6 | - | A |
| SS 8404 | 78.8 | 60.2 + | 107.6 - | 31.7 - | 9.0 + | 3.1 | 2.5 | 2.1 | 1.5 | 2.2 - | - | A |
| Pioneer 25R32 | 78.6 | 59.6 + | 115.3 + | 35.1 | 2.6 - | 3.2 | 0.0 | 3.7 + | 0.5 - | 3.2 | BCDOL | TA/AL |
| SY 9978 | 78.4 | 58.6 | 112.0 + | 37.0 + | 5.7 | 3.6 | 1.3 | 2.6 | 0.7 - | 3.0 | BDOL | A |
| USG 3201 | 78.4 | 59.8 + | 111.9 + | 34.7 | 5.5 - | 2.1 | 0.0 | 2.1 | 2.7 + | 1.9 - | - | A |
| Progeny 870 | 78.2 | 56.6 - | 112.0 + | 31.9 - | 4.4 - | 1.2 - | 0.0 | 1.9 | 1.6 | 5.1 + | - | A |
| NC-Cape Fear | 78.0 | 59.8 + | 104.3 - | 33.3 - | 8.1 + | 5.3 + | 4.3 + | 2.4 | 0.3 - | 2.5 | - | AL |
| Pioneer 26R10 | 77.8 | 58.5 | 113.7 + | 34.4 | 3.9 - | 1.0 - | 0.0 | 3.7 + | 2.1 | 3.3 | BCDOL | A |
| SS 8340 | 77.8 | 59.6 + | 113.4 + | 34.4 | 5.4 - | 1.6 - | 0.0 | 2.0 | 2.5 + | 2.9 | - | TA/AL |
| Pioneer XW10V | 77.7 | 59.7 + | 113.1 + | 32.7 - | 4.9 - | 1.7 - | 0.0 | 2.6 | 2.5 + | 2.4 | B | A |
| W1566 | 77.6 | 57.8 - | 113.3 + | 39.6 + | 6.7 | 3.4 | 0.0 | 6.1 + | 0.4 - | 4.3 + | - | A |
| Oakes | 77.6 | 60.6 + | 113.1 + | 35.7 | 6.2 | 3.3 | 0.0 | 2.3 | 2.8 + | 2.3 - | - | TA/AL |
| Progeny 357 | 77.5 | 56.7 - | 114.7 + | 34.9 | 5.3 - | 2.3 | 0.0 | 6.1 + | 2.9 + | 3.2 | - | A |
| NC-Yadkin | 77.3 | 58.9 | 111.3 | 35.4 | 7.0 | 2.5 | 0.0 | 0.3 - | 0.1 - | 2.2 - | B | A |
| USG 3315 | 77.2 | 59.6 + | 110.9 | 36.5 + | 7.1 | 3.5 | 0.0 | 3.0 | 0.3 - | 2.7 | - | AL |
| AGS 2038 | 76.8 | 59.5 + | 108.6 - | 37.0 + | 10.6 + | 4.0 | 0.3 | 0.0 - | 0.5 - | 2.9 | - | A |
| SS 560 | 76.7 | 58.3 - | 112.3 + | 33.3 - | 7.1 | 3.2 | 0.0 | 4.0 + | 1.4 | 3.6 | - | TA |
| USG 3244 | 76.4 | 58.1 - | 109.9 | 37.7 + | 6.9 | 3.6 | 4.3 + | 4.9 + | 4.8 + | 2.3 - | CO | TA/AL |
| Dyna-Gro 9171 | 76.4 | 56.6 - | 111.1 | 32.6 - | 5.1 - | 2.1 | 0.0 | 2.0 | 1.5 | 4.9 + | - | A |
| AgriMAXX 415 | 76.3 | 59.7 + | 113.6 + | 33.7 | 4.8 - | 2.1 | 0.0 | 2.0 | 2.7 + | 3.0 | - | A |
| Dyna-Gro 9922 | 76.2 | 59.1 | 113.7 + | 37.0 + | 4.8 - | 0.7 - | 0.0 | 2.7 | 0.3 - | 3.8 + | - | A |
| SS 8500 | 76.2 | 58.4 - | 111.4 | 39.2 + | 5.1 - | 1.8 - | 0.0 | 2.9 | 1.9 | 3.1 | B | AL |
| Branson | 75.6 | 58.2 - | 109.3 | 33.6 | 5.0 - | 1.7 - | 0.0 | 4.0 + | 0.3 - | 3.4 | B | AL |
| SY 1526 | 75.6 | 58.5 - | 111.7 + | 36.4 + | 5.3 - | 3.6 | 1.8 | 2.0 | 2.7 + | 3.9 + | BCD | TA |
| Dyna-Gro 9012 | 75.5 | 58.6 | 113.3 + | 34.4 | 4.7 - | 1.9 | 0.0 | 2.1 | 2.7 + | 2.9 | - | AL |
| Dyna-Gro 9223 | 75.5 | 58.4 - | 114.0 + | 35.9 + | 5.3 - | 2.6 | 0.0 | 4.0 + | 4.3 + | 3.9 + | - | TA |
| Progeny 125 | 72.5 - | 57.5 - | 102.6 - | 32.9 - | 8.8 + | 1.5 - | 0.0 | 4.0 + | 1.5 | 3.2 | - | A |
| Pioneer 26R12 | 67.4 - | 60.0 + | 112.4 + | 35.7 | 5.2 - | 0.9 - | 0.0 | 2.4 | 1.5 | 2.6 | - | A |
| SS 8302 | 67.4 - | 59.9 + | 112.0 + | 35.9 + | 7.0 | 2.3 | 0.0 | 5.4 + | 3.2 + | 4.2 + | C | A |
| Pioneer 26R22 | 66.9 - | 59.9 + | 112.3 + | 35.3 | 5.9 | 0.6 - | 0.8 | 2.7 | 1.8 | 2.9 | O | A |
| Massey | 61.4 - | 58.6 | 106.1 - | 38.0 + | 8.7 + | 4.8 + | 5.3 + | 8.3 + | 0.7 - | 4.3 + | B | AL |
| Average | 78.2 | 58.8 | 110.6 | 34.8 | 6.3 | 2.8 | 1.0 | 3.0 | 1.6 | 3.1 | - | |
| LSD (O.05) | 4.2 | 0.5 | 1.3 | 1.2 | 0.9 | 1.1 | 2.0 | 0.8 | 0.6 | 0.8 | - | |
| C.V. | 9.2 | 1.4 | 1.1 | 4.0 | 12.9 | 44.9 | 147.8 | 28.3 | 54.9 | 28.2 | - | |

Released cultivars are shown in bold print.

The number in parentheses below column headings indicates the number of locations on which data are based.

Varieties are ordered by descending yield averages. A plus or minus sign indicates a performance significantly above or below the test average.

The 0-9 ratings indicate a genotype's response to disease or lodging, where 0 = highly resistant and 9 = highly susceptible.

¹ Seedlings of all lines were tested for resistance to biotypes B, C, D, O, and L of Hessian Fly. Letter in column indicates varietal resistance.

Lines lacking letter were susceptible.

² A=awned, AL=awnletted, TA=tip awnec

* Released line yet to be named.