

**NDSU Langdon Research Extension Center
2025 Variety Trial Data**

Hard Red Spring Wheat - 2025

Nelson County - Pekin

| Variety | Days to Head | Plant Height in. | Lodging 1-9 | Protein | | Test Weight lbs/bu | Grain Yield | | | | |
|---------------|--------------|---------------------|----------------|---------------------|-----------|-----------------------|-------------|-------|------------------------|-----------|-----------|
| | | | | 2025 -----%----- | 2-yr Avg. | | 2023 | 2024 | 2025 -----bu/a----- | 2-yr Avg. | 3-yr Avg. |
| AP Dagr | 45 | 29.1 | 1.0 | 14.4 | -- | 53.1 | -- | -- | 77.6 | -- | -- |
| AP Elevate | 45 | 29.1 | 1.2 | 14.8 | 14.4 | 56.2 | -- | 90.7 | 90.9 | 90.8 | -- |
| AP Iconic | 45 | 31.1 | 1.1 | 14.6 | -- | 56.2 | -- | -- | 84.2 | -- | -- |
| AP Murdock | 44 | 29.3 | 1.6 | 14.4 | 14.1 | 55.1 | 81.0 | 91.6 | 89.2 | 90.4 | 87.3 |
| AP Smith | 45 | 31.1 | 0.9 | 15.2 | 14.5 | 56.5 | 74.9 | 85.2 | 79.6 | 82.4 | 79.9 |
| Ascend-SD | 44 | 36.5 | 1.1 | 15.5 | 15.2 | 57.6 | 82.0 | 82.4 | 86.4 | 84.4 | 83.6 |
| Brawn-SD | 44 | 33.9 | 1.6 | 14.2 | 14.2 | 59.7 | -- | 87.0 | 89.3 | 88.1 | -- |
| Enhance-SD | 44 | 34.2 | 1.0 | 15.8 | -- | 56.0 | -- | -- | 84.5 | -- | -- |
| Faller | 44 | 34.4 | 1.3 | 14.7 | -- | 57.7 | -- | -- | 88.4 | -- | -- |
| LCS Boom | 43 | 30.8 | 1.1 | 14.9 | 14.4 | 60.1 | 84.4 | 95.0 | 90.5 | 92.7 | 90.0 |
| LCS Buster | 48 | 36.9 | 6.1 | 13.3 | 12.8 | 54.8 | 88.3 | 92.7 | 76.3 | 84.5 | 85.8 |
| LCS Dual | 44 | 33.9 | 1.1 | 14.6 | 14.1 | 58.4 | 83.5 | 85.7 | 82.9 | 84.3 | 84.0 |
| LCS Hammer AX | 44 | 32.5 | 1.1 | 15.4 | 14.5 | 52.5 | 82.2 | 81.3 | 66.9 | 74.1 | 76.8 |
| LCS Trigger | 51 | 36.2 | 4.7 | 13.2 | 12.4 | 57.6 | 83.7 | 90.8 | 81.4 | 86.1 | 85.3 |
| MN-Rothsay | 46 | 31.5 | 1.1 | 14.7 | 14.4 | 54.7 | 83.9 | 88.7 | 81.9 | 85.3 | 84.8 |
| MN-Torgy | 46 | 33.8 | 1.0 | 15.6 | 15.0 | 57.4 | 79.2 | 89.7 | 80.9 | 85.3 | 83.2 |
| MS Charger | 43 | 30.8 | 4.3 | 13.7 | 13.2 | 57.3 | 89.5 | 94.2 | 91.8 | 93.0 | 91.8 |
| MS Cobra | 43 | 29.0 | 2.9 | 15.3 | 14.7 | 56.7 | 83.7 | 94.3 | 79.3 | 86.8 | 85.7 |
| MS Nova | 44 | 30.3 | 1.1 | 15.0 | 14.5 | 57.5 | -- | 85.4 | 85.6 | 85.5 | -- |
| ND Heron | 43 | 32.2 | 2.0 | 15.6 | 15.0 | 59.9 | 81.5 | 86.7 | 80.9 | 83.8 | 83.0 |
| ND Horizon | 44 | 32.5 | 1.2 | 15.6 | 15.1 | 57.7 | -- | 91.0 | 89.3 | 90.2 | -- |
| ND Roughrider | 45 | 33.7 | 1.6 | 15.2 | 14.7 | 53.2 | 88.0 | 101.7 | 88.5 | 95.1 | 92.7 |
| ND Stampede | 43 | 32.5 | 1.2 | 15.6 | 14.8 | 56.4 | 90.2 | 103.9 | 94.4 | 99.2 | 96.2 |
| ND Thresher | 45 | 31.5 | 1.1 | 16.2 | 15.1 | 56.0 | 68.5 | 81.7 | 78.1 | 79.9 | 76.1 |
| SY Ingmar | 45 | 28.3 | 1.1 | 15.4 | -- | 57.7 | -- | -- | 77.3 | -- | -- |
| SY Valda | 44 | 31.0 | 2.5 | 15.0 | 14.5 | 58.3 | 84.8 | 87.8 | 83.8 | 85.8 | 85.5 |
| TCG-Zelda | 43 | 26.7 | 1.5 | 15.2 | -- | 55.6 | -- | -- | 81.3 | -- | -- |
| TW Olympic | 44 | 34.9 | 2.0 | 15.4 | 14.8 | 56.6 | -- | 84.0 | 82.1 | 83.0 | -- |
| TW Trailfire | 43 | 32.5 | 5.4 | 14.5 | 14.3 | 57.4 | -- | 90.4 | 79.2 | 84.8 | -- |
| WB9590 | 44 | 28.3 | 1.1 | 15.2 | 14.6 | 56.4 | 82.4 | 94.1 | 84.6 | 89.3 | 87.0 |
| Trial Mean | 44 | 31.9 | 1.9 | 14.9 | | 56.7 | 82.5 | 88.6 | 83.6 | | |
| LSD | 0.9 | 1.7 | 1.2 | 0.3 | | 0.8 | 3.5 | 5.6 | 2.7 | | |
| C.V. | 1.8 | 4.6 | | 1.5 | | 1.2 | 3.7 | 5.4 | 2.8 | | |

Planting Date: May 29
Previous Crop: Soybean

Harvest Date: September 10
Soil Type: Svea-Cresbard loam