

NDSU Hettinger Research Extension Center

Hard Red Spring Wheat - 2022 **Scranton, ND**

| Variety | Plant | Plant | Test | Grain | ----- Grain Yield ----- | | | ----- Average Yield ----- | |
|-------------------|-----------|----------|-------------|-------------|------------------------------|-------------|-------------|---------------------------|-------------|
| | Height | Lodge | Weight | Protein | 2020 | 2021 | 2022 | 2 yr | 3 yr |
| | inches | 0-9* | lbs/bu | % | ----- Bushels per acre ----- | | | | |
| AAC Starbuck | 29 | 0 | 55.08 | 15.8 | -- | -- | 32.0 | -- | -- |
| AP Gunsmoke CL2 | 27 | 0 | 55.28 | 15.2 | -- | -- | 32.1 | -- | -- |
| AP Murdock | 27 | 0 | 56.9 | 14.7 | 35.7 | 19.2 | 32.4 | 25.8 | 29.1 |
| AP Smith | 25 | 0 | 56.73 | 15.3 | -- | 20.8 | 34.3 | 27.5 | -- |
| Asend-SD | 31 | 0 | 53.73 | 15.9 | -- | -- | 28.2 | -- | -- |
| Bolles | 29 | 0 | 55.3 | 17.4 | 39.6 | 23.2 | 28.7 | 26.0 | 30.5 |
| CAG Reckless | 29 | 0 | 57.23 | 15.0 | -- | -- | 36.3 | -- | -- |
| CP3188 | 29 | 0 | 53.3 | 14.7 | -- | -- | 31.9 | -- | -- |
| Dagmar | 27 | 0 | 56.8 | 15.6 | 45.4 | 18.7 | 35.1 | 26.9 | 33.1 |
| Driver | 29 | 0 | 57.3 | 14.8 | -- | 21.1 | 31.3 | 26.2 | -- |
| Glenn | 30 | 0 | 55.65 | 15.4 | 40.2 | 19 | 28.6 | 23.8 | 29.3 |
| Lanning | 29 | 0 | 53.5 | 16.3 | 50.3 | 19.9 | 30.0 | 25.0 | 33.4 |
| LCS Buster | 29 | 0 | 51.88 | 14.7 | -- | 20.6 | 31.0 | 25.8 | -- |
| LCS Cannon | 27 | 0 | 59.5 | 14.4 | 44 | 21.8 | 33.9 | 27.8 | 33.2 |
| LCS Trigger | 29 | 0 | 53.9 | 14.5 | 50.6 | 18.4 | 32.9 | 25.7 | 34.0 |
| MN Rothsay | 26 | 0 | 57.88 | 15.3 | -- | -- | 35.4 | -- | -- |
| MN Torgy | 29 | 0 | 58.78 | 15.2 | 45.8 | 20.1 | 35.9 | 28.0 | 33.9 |
| MN Washburn | 27 | 0 | 54.9 | 15.0 | 43.0 | 18.4 | 33.0 | 25.7 | 31.5 |
| MS Rancho | 31 | 0 | 53.7 | 14.8 | -- | -- | 31.1 | -- | -- |
| ND Frohberg | 30 | 0 | 56.03 | 15.5 | 40.4 | 20.1 | 28.7 | 24.4 | 29.7 |
| ND Heron | 28 | 0 | 57.8 | 15.9 | -- | -- | 31.2 | -- | -- |
| ND VitPro | 29 | 0 | 56.03 | 15.5 | 43.6 | 20 | 29.3 | 24.7 | 31.0 |
| SY Longmire | 27 | 0 | 56.9 | 15.2 | 41.3 | 19.6 | 32.8 | 26.2 | 31.2 |
| SY McCloud | 29 | 0 | 59.3 | 15.0 | 42.7 | 21.8 | 33.3 | 27.5 | 32.6 |
| TCG Heartland | 26 | 0 | 56 | 15.5 | 40.2 | 23.5 | 28.0 | 25.7 | 30.6 |
| WB9590 | 24 | 0 | 57.4 | 16.0 | -- | 20.5 | 36.8 | 28.7 | -- |
| Trial Mean | 28 | 0 | 56.0 | 15.3 | 43.5 | 20.4 | 32.1 | 26.0 | 31.6 |
| C.V. % | 4.1 | -- | 2.3 | 4.1 | 9.6 | 13.8 | 7.6 | -- | -- |
| LSD 5% | 1.3 | -- | 1.5 | 0.7 | 5.9 | 4.0 | 2.9 | -- | -- |
| LSD 10% | 1.0 | -- | 1.2 | 0.6 | 4.9 | 3.3 | 2.2 | -- | -- |

* 0 = no lodging, 9 = 100% lodged.

Planting Date: May 17

Harvest Date: August 23