

**NDSU Hettinger Research Extension Center**

|                                     |                     |
|-------------------------------------|---------------------|
| <b>Hard Red Spring Wheat - 2020</b> | <b>Scranton, ND</b> |
|-------------------------------------|---------------------|

| Variety            | Plant  | Plant | Test   | Grain   | ----- Grain Yield -----      |      |      | Average Yield |      |
|--------------------|--------|-------|--------|---------|------------------------------|------|------|---------------|------|
|                    | Height | Lodge | Weight | Protein | 2018                         | 2019 | 2020 | 2 yr          | 3 yr |
|                    | inches | 0-9*  | lbs/bu | %       | ----- Bushels per acre ----- |      |      |               |      |
| AP Murdock         | 23     | 0     | 60.3   | 15.3    | --                           | --   | 35.7 | --            | --   |
| Barlow             | 29     | 0     | 64.0   | 15.0    | 33.0                         | 28.3 | 47.2 | 37.8          | 36.2 |
| Bolles             | 27     | 0     | 59.4   | 17.6    | 34.4                         | 18.9 | 39.6 | 29.3          | 31.0 |
| CP3910             | 25     | 0     | 63.1   | 14.3    | --                           | --   | 47.6 | --            | --   |
| CP3915             | 24     | 0     | 62.3   | 14.9    | --                           | --   | 41.4 | --            | --   |
| Dagmar             | 25     | 0     | 60.6   | 15.4    | --                           | --   | 45.4 | --            | --   |
| Dyna-Gro Commander | 25     | 0     | 61.3   | 14.8    | --                           | --   | 38.5 | --            | --   |
| Elgin-ND           | 29     | 0     | 61.8   | 15.7    | 44.0                         | 30.2 | 48.3 | 39.3          | 40.8 |
| Glenn              | 28     | 0     | 63.8   | 15.6    | 33.7                         | 21.2 | 40.2 | 30.7          | 31.7 |
| Lang-MN            | 28     | 0     | 61.8   | 15.6    | 44.0                         | 29.5 | 45.3 | 37.4          | 39.6 |
| Lanning            | 25     | 0     | 61.7   | 15.4    | --                           | 25.0 | 50.3 | 37.7          | --   |
| LCS Cannon         | 26     | 0     | 64.1   | 14.6    | --                           | 27.8 | 44.0 | 35.9          | --   |
| LCS Rebel          | 27     | 0     | 62.3   | 15.5    | 33.9                         | 25.8 | 45.7 | 35.8          | 35.1 |
| LCS Trigger        | 26     | 0     | 61.2   | 13.0    | 57.0                         | 39.1 | 50.6 | 44.9          | 48.9 |
| MN Torgy           | 26     | 0     | 62.7   | 14.5    | --                           | --   | 45.8 | --            | --   |
| MN Washburn        | 24     | 0     | 61.2   | 14.4    | --                           | 29.0 | 43.0 | 36.0          | --   |
| ND Frohberg        | 28     | 0     | 60.9   | 16.4    | --                           | 19.9 | 40.4 | 30.2          | --   |
| ND VitPro          | 26     | 0     | 62.9   | 15.3    | 35.4                         | 24.1 | 43.6 | 33.9          | 34.4 |
| Shelly             | 25     | 0     | 60.7   | 14.7    | 44.2                         | 26.0 | 40.7 | 33.4          | 37.0 |
| SY Longmire        | 24     | 0     | 62.1   | 15.4    | --                           | 35.7 | 41.3 | 38.5          | --   |
| SY McCloud         | 25     | 0     | 62.8   | 15.7    | --                           | --   | 42.7 | --            | --   |
| SY Rockford        | 25     | 0     | 59.4   | 15.7    | 41.1                         | 29.5 | 43.2 | 36.4          | 37.9 |
| SY Soren           | 23     | 0     | 61.7   | 15.0    | 37.2                         | 28.0 | 42.2 | 35.1          | 35.8 |
| TCG Heartland      | 24     | 0     | 61.5   | 15.9    | --                           | --   | 40.2 | --            | --   |
| TCG Spitfire       | 24     | 0     | 61.2   | 14.8    | 46.7                         | 36.0 | 43.6 | 39.8          | 42.1 |
| <b>Trial Mean</b>  | 26     | 0     | 61.8   | 15.2    | 39.9                         | 28.1 | 43.5 | 35.9          | 37.7 |
| C.V. %             | 3.8    | --    | 1.6    | 3.2     | 5.3                          | 16.8 | 9.6  | --            | --   |
| LSD 5%             | 1.4    | NS    | 1.4    | 0.7     | 3.0                          | 6.6  | 5.9  | --            | --   |
| LSD 10%            | 1.2    | NS    | 1.1    | 0.6     | 2.5                          | 5.6  | 4.9  | --            | --   |

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

Planting Date: April 22

Harvest Date: August 22