

**NDSU Langdon Research Extension Center**  
**2020 Variety Trial Data**

| Hard Red Spring Wheat - 2020 |              |              |         |           | Towner County - Cando |             |       |           |           |           |
|------------------------------|--------------|--------------|---------|-----------|-----------------------|-------------|-------|-----------|-----------|-----------|
| Variety                      | Days to Head | Plant Height | Protein |           | Test Weight           | Grain Yield |       |           | 2-yr Avg. | 3-yr Avg. |
|                              |              |              | 2020    | 3-yr Avg. |                       | 2018        | 2019  | 2020      |           |           |
|                              |              | in           | -----%  | -----     | lbs/bu                | -----       | ----- | bu/a----- |           |           |
| AP Murdock                   | 51.9         | 23.5         | 16.4    | --        | 59.8                  | --          | 73.7  | 57.4      | 65.6      | --        |
| Bolles                       | 53.1         | 26.6         | 17.9    | 16.8      | 54.0                  | 59.8        | 65.5  | 36.8      | 51.2      | 54.0      |
| CP3055                       | 55.6         | 24.1         | 13.9    | --        | 58.1                  | --          | --    | 68.0      | --        | --        |
| CP3915                       | 49.6         | 24.2         | 15.4    | --        | 61.1                  | --          | --    | 59.6      | --        | --        |
| DG Ambush                    | 49.2         | 26.7         | 17.1    | --        | 59.9                  | --          | 68.7  | 56.9      | 62.8      | --        |
| DG Ballistic                 | 51.7         | 25.3         | 16.1    | --        | 58.4                  | --          | 77.0  | 58.0      | 67.5      | --        |
| DG Commander                 | 47.9         | 25.6         | 15.4    | --        | 59.5                  | --          | 74.9  | 58.9      | 66.9      | --        |
| DG Velocity                  | 51.2         | 23.8         | 16.8    | --        | 60.6                  | --          | --    | 57.7      | --        | --        |
| Faller                       | 52.7         | 25.1         | 15.7    | 14.8      | 58.3                  | 65.8        | 76.6  | 58.9      | 67.8      | 67.1      |
| Lang-MN                      | 53.8         | 27.0         | 15.8    | 15.4      | 59.8                  | 68.1        | 72.2  | 66.5      | 69.4      | 68.9      |
| LCS Buster                   | 55.0         | 25.9         | 14.1    | --        | 59.7                  | --          | --    | 66.2      | --        | --        |
| Linkert                      | 50.8         | 22.8         | 16.2    | 15.5      | 59.6                  | 58.0        | 63.9  | 54.0      | 59.0      | 58.6      |
| LCS Cannon                   | 46.8         | 28.3         | 15.8    | --        | 61.4                  | --          | 67.4  | 62.0      | 64.7      | --        |
| LCS Rebel                    | 47.5         | 26.2         | 16.4    | 15.4      | 60.8                  | 63.5        | 77.5  | 59.7      | 68.6      | 66.9      |
| LCS Trigger                  | 55.0         | 26.7         | 13.9    | 13.3      | 60.8                  | 66.0        | 83.8  | 65.1      | 74.5      | 71.6      |
| MN-Torgy                     | 54.1         | 24.0         | 16.9    | --        | 60.0                  | --          | --    | 60.7      | --        | --        |
| MN-Washburn                  | 52.9         | 22.7         | 15.9    | --        | 58.4                  | --          | 67.2  | 49.9      | 58.6      | --        |
| MS Barracuda                 | 46.5         | 25.1         | 17.0    | 15.6      | 60.2                  | 61.6        | 73.5  | 61.8      | 67.7      | 65.6      |
| MS Ranchero                  | 54.3         | 25.7         | 15.5    | --        | 57.7                  | --          | --    | 61.5      | --        | --        |
| ND Frohberg                  | 49.6         | 27.0         | 16.5    | --        | 60.1                  | --          | --    | 58.9      | --        | --        |
| ND VitPro                    | 49.8         | 26.3         | 16.7    | 15.8      | 60.8                  | 57.9        | 72.7  | 58.3      | 65.5      | 63.0      |
| Shelly                       | 52.2         | 24.1         | 16.0    | 15.0      | 59.8                  | 67.2        | 66.9  | 58.3      | 62.6      | 64.1      |
| SY Ingmar                    | 50.1         | 24.7         | 16.7    | 15.4      | 60.0                  | 62.7        | 75.3  | 54.3      | 64.8      | 64.1      |
| SY McCloud                   | 51.7         | 24.5         | 16.3    | --        | 59.6                  | --          | 74.5  | 53.5      | 64.0      | --        |
| SY Valda                     | 51.2         | 22.6         | 15.6    | 14.5      | 60.2                  | 66.1        | 74.7  | 65.4      | 70.1      | 68.7      |
| SY611CL2                     | 51.0         | 23.4         | 15.6    | --        | 60.5                  | --          | 76.4  | 56.9      | 66.7      | --        |
| TCG-Heartland                | 49.6         | 22.4         | 16.9    | --        | 60.8                  | --          | 68.1  | 55.6      | 61.9      | --        |
| TCG-Spitfire                 | 54.0         | 24.6         | 15.1    | 14.5      | 59.3                  | 63.4        | 78.7  | 63.1      | 70.9      | 68.4      |
| TCG-Wildcat                  | 50.3         | 23.4         | 17.4    | --        | 60.5                  | --          | --    | 51.4      | --        | --        |
| Trial Mean                   | 51.4         | 24.8         | 16.0    | --        | 59.7                  | 63.2        | 71.3  | 58.4      | --        | --        |
| C.V. %                       | 1.7          | 4.0          | 2.4     | --        | 0.8                   | 6.2         | 5.4   | 8.3       | --        | --        |
| LSD 5%                       | 1.2          | 1.4          | 0.5     | --        | 0.7                   | 5.5         | 5.4   | 6.8       | --        | --        |
| LSD 10%                      | 1.0          | 1.2          | 0.5     | --        | 0.6                   | 4.6         | 4.5   | 5.7       | --        | --        |

Planting Date: May 8

Harvest Date: August 17