



2020 Limited Irrigation Winter Wheat  
Variety Performance Trial at Burlington

| Variety                   | Brand/Source                   | Market Class | Yield<br>bu/ac | Test Weight<br>lb/bu |
|---------------------------|--------------------------------|--------------|----------------|----------------------|
| CP7909                    | CROPLAN by WinField United     | HRW          | <b>56.7</b>    | <b>56.8</b>          |
| CP7869                    | CROPLAN by WinField United     | HRW          | <b>53.3</b>    | <b>57.1</b>          |
| KS Silverado              | Wildcat Genetics               | <b>HWW</b>   | 50.4           | <b>57.3</b>          |
| Crescent AX               | PlainsGold                     | HRW          | 50.3           | 55.5                 |
| WB4595                    | WestBred - Bayer Crop Science  | HRW          | 49.7           | 55.4                 |
| Brawl CL Plus             | PlainsGold                     | HRW          | 47.5           | 54.1                 |
| CP7050AX                  | CROPLAN by WinField United     | HRW          | 47.1           | 56.1                 |
| CO14A136-135              | Colorado State University exp. | HRW          | 45.7           | 54.9                 |
| Snowmass 2.0              | PlainsGold                     | <b>HWW</b>   | 45.3           | 53.3                 |
| EXP 303                   | Allegiant                      | HRW          | 44.5           | <b>56.7</b>          |
| CO14A055-258              | Colorado State University exp. | HRW          | 43.7           | 53.5                 |
| Long Branch               | Dyna-Gro Seed                  | HRW          | 43.0           | 53.1                 |
| Canvas                    | PlainsGold                     | HRW          | 42.7           | 53.5                 |
| Denali                    | PlainsGold                     | HRW          | 41.4           | <b>56.4</b>          |
| SY Wolverine              | AgriPro                        | HRW          | 39.8           | 55.2                 |
| CO16SF032                 | Colorado State University exp. | HRW          | 39.7           | 55.2                 |
| Sunshine                  | PlainsGold                     | <b>HWW</b>   | 39.7           | 53.4                 |
| Guardian                  | PlainsGold                     | HRW          | 39.6           | 55.8                 |
| WB-Grainfield             | WestBred - Bayer Crop Science  | HRW          | 39.5           | 53.8                 |
| CO17128C                  | Colorado State University exp. | HRW          | 39.2           | 54.0                 |
| CO16SF070                 | Colorado State University exp. | HRW          | 39.2           | 51.6                 |
| Monarch                   | PlainsGold                     | <b>HWW</b>   | 38.2           | 53.1                 |
| CO16SF028                 | Colorado State University exp. | HRW          | 38.0           | 54.1                 |
| Breck                     | PlainsGold                     | <b>HWW</b>   | 37.5           | 54.4                 |
| CO16SF065                 | Colorado State University exp. | HRW          | 37.1           | 51.5                 |
| CP7017AX                  | CROPLAN by WinField United     | HRW          | 37.1           | 53.5                 |
| CO15D098R                 | Colorado State University exp. | HRW          | 37.1           | 53.6                 |
| KS Western Star           | Wildcat Genetics               | HRW          | 36.0           | 53.3                 |
| CO16SF026                 | Colorado State University exp. | HRW          | 34.4           | 52.9                 |
| CO16SF074                 | Colorado State University exp. | HRW          | 34.1           | 53.8                 |
| CO16SF049                 | Colorado State University exp. | HRW          | 33.7           | 53.6                 |
| CO16SF027                 | Colorado State University exp. | HRW          | 33.5           | 53.9                 |
| CO16SF067                 | Colorado State University exp. | HRW          | 32.1           | 54.3                 |
| CO16SF075                 | Colorado State University exp. | HRW          | 31.2           | 53.5                 |
| <b>Average</b>            |                                |              | <b>41.1</b>    | <b>54.3</b>          |
| <sup>a</sup> LSD (P<0.30) |                                |              | 4.1            | 1.1                  |

<sup>a</sup>If the difference between two variety yield or test weight values equals or exceeds the LSD values, there is a 70% chance the difference is significant. Variety yield and test weight in bold are in the top LSD group.

**Site Information**

Collaborator: Kramer Farms  
 Harvest date: July 8, 2020  
 Planting date: October 7, 2019  
 Soil Type: Norka silt loam  
 GPS Coordinates: 39.38035, -102.15222  
 Trial Comments: Planted in early October after corn harvest into tilled corn stalks. Stand establishment was excellent and trial was watered within a few days of planting. In late-April trial was about a week from jointing and had good soil moisture due to recent irrigation. Stopped watering in mid-June. A mid-April hard freeze caused moderate damage to heads and leaves.

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