



2017 Dryland Winter Wheat Variety
Performance Trial at Sheridan Lake

| Variety | Brand/Source | Market Class | Yield | Test Weight | Plant Height |
|----------------------|--------------------------------|--------------|-------------|-------------|--------------|
| | | | bu/ac | lb/bu | in |
| Antero | PlainsGold | HWW | 76.5 | 61.6 | 32 |
| Avery | PlainsGold | HRW | 75.8 | 61.2 | 31 |
| Byrd | PlainsGold | HRW | 73.1 | 61.1 | 30 |
| Oakley CL | Kansas Wheat Alliance | HRW | 72.8 | 61.3 | 31 |
| Snowmass | PlainsGold | HWW | 71.8 | 62.0 | 31 |
| LCS Mint | Limagrain Cereal Seeds | HRW | 71.0 | 61.4 | 29 |
| Joe | Kansas Wheat Alliance | HWW | 70.0 | 61.8 | 34 |
| Langin | PlainsGold | HRW | 69.3 | 61.7 | 25 |
| Cowboy | Crop Research Foundation of WY | HRW | 68.7 | 60.2 | 31 |
| Denali | PlainsGold | HRW | 67.1 | 60.1 | 29 |
| WB-Grainfield | WestBred Monsanto | HRW | 66.7 | 62.8 | 29 |
| SY Monument | AgriPro Syngenta | HRW | 66.4 | 59.8 | 29 |
| SY Wolf | AgriPro Syngenta | HRW | 66.2 | 61.4 | 27 |
| Larry | Kansas Wheat Alliance | HRW | 64.7 | 61.4 | 27 |
| SY Rugged | AgriPro Syngenta | HRW | 64.3 | 60.6 | 26 |
| Sunshine | PlainsGold | HWW | 62.0 | 62.0 | 25 |
| Tatanka | Kansas Wheat Alliance | HRW | 62.0 | 60.8 | 28 |
| Hatcher | PlainsGold | HRW | 61.1 | 60.6 | 27 |
| Settler CL | Husker Genetics | HRW | 60.9 | 60.6 | 27 |
| Winterhawk | WestBred Monsanto | HRW | 60.8 | 61.3 | 29 |
| LCS Chrome | Limagrain Cereal Seeds | HRW | 60.6 | 60.1 | 29 |
| WB4462 | WestBred Monsanto | HRW | 60.4 | 62.2 | 29 |
| WB4721 | WestBred Monsanto | HRW | 60.2 | 61.7 | 30 |
| Brawl CL Plus | PlainsGold | HRW | 59.4 | 62.2 | 27 |
| TAM 114 | AGSECO | HRW | 57.9 | 62.2 | 25 |
| Ruth | Husker Genetics | HRW | 57.3 | 60.9 | 27 |
| Loma | Montana State University | HRW | 41.2 | 56.5 | 25 |
| Experimentals | | | | | |
| CO13D1783 | Colorado State University exp. | HRW | 81.2 | 60.1 | 34 |
| CO13D1638 | Colorado State University exp. | HWW | 79.9 | 61.1 | 31 |
| CO13D0787 | Colorado State University exp. | HRW | 79.0 | 60.9 | 31 |
| CO12D296 | Colorado State University exp. | HRW | 77.7 | 62.2 | 27 |
| CO13D1714 | Colorado State University exp. | HWW | 75.3 | 61.9 | 27 |
| CO12D1770 | Colorado State University exp. | HRW | 72.0 | 62.4 | 28 |
| CO13D1479 | Colorado State University exp. | HWW | 71.9 | 61.3 | 32 |
| CO13D1383 | Colorado State University exp. | HWW | 71.9 | 60.7 | 28 |
| CO12D597 | Colorado State University exp. | HRW | 71.7 | 62.3 | 28 |
| CO13D1164 | Colorado State University exp. | HWW | 71.6 | 61.9 | 30 |
| CO12D2011 | Colorado State University exp. | HWW | 71.5 | 62.5 | 30 |
| CO13003C | Colorado State University exp. | HRW | 71.3 | 60.8 | 30 |
| CO13D1379 | Colorado State University exp. | HWW | 68.8 | 60.5 | 27 |
| CO13W187 | Colorado State University exp. | HWW | 68.5 | 61.7 | 33 |
| CO13D1299 | Colorado State University exp. | HWW | 68.0 | 60.7 | 29 |
| CO12M0367 | Colorado State University exp. | HRW | 68.0 | 61.6 | 33 |
| CO13D2042 | Colorado State University exp. | HWW | 66.9 | 60.2 | 29 |
| CO14A065 | Colorado State University exp. | HRW | 60.5 | 56.5 | 27 |
| CO14A058 | Colorado State University exp. | HRW | 57.8 | 57.9 | 29 |
| Average | | | 67.4 | 61.0 | 29 |
| ªLSD (P<0.30) | | | 3.9 | | |

ªIf the difference between two variety yields equals or exceeds the LSD value, there is a 70% chance the difference is significant. Variety yields in bold are in the top LSD group.

Site Information

Cooperator: Scherler Farms
 Harvest date: June 30, 2017
 Planting date: September 13, 2016
 Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac; February: Applied N at 53 lb/ac
 Insecticide: Sprayed for worms and mites
 Trial Comments: The trial was planted shallow into dry soil and received timely rain a week after planting. The rest of fall was very dry and warm, and February was one of the warmest on record. No disease was noted in the fall. The trial had very good weed control and some minor winterkill was observed in early spring. The trial received good rains in late March, but the soil was very dry by mid-April, and then timely rains occurred from late-April through early June. The trial was sprayed for stripe rust in late May.

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