



2018 Dryland Winter Wheat Variety  
Performance Trial at Walsh

| Variety                   | Brand/Source                   | Market Class | Yield       | Test Weight | Plant Height |
|---------------------------|--------------------------------|--------------|-------------|-------------|--------------|
|                           |                                |              | bu/ac       | lb/bu       | in           |
| Avery                     | PlainsGold                     | HRW          | <b>50.7</b> | 57.6        | 25           |
| Antero                    | PlainsGold                     | <b>HWW</b>   | <b>49.4</b> | 57.8        | 25           |
| Langin                    | PlainsGold                     | HRW          | <b>47.3</b> | 58.3        | 24           |
| WB4418                    | WestBred Monsanto              | HRW          | 43.9        | 57.3        | 24           |
| Breck                     | PlainsGold                     | <b>HWW</b>   | 43.9        | 60.5        | 24           |
| Sunshine                  | PlainsGold                     | <b>HWW</b>   | 42.3        | 59.2        | 21           |
| SY Monument               | AgriPro Syngenta               | HRW          | 41.6        | 57.6        | 24           |
| Hatcher                   | PlainsGold                     | HRW          | 41.5        | 58.0        | 23           |
| Oakley CL                 | Kansas Wheat Alliance          | HRW          | 40.8        | 58.9        | 24           |
| WB4721                    | WestBred Monsanto              | HRW          | 39.6        | 58.5        | 23           |
| WB-Grainfield             | WestBred Monsanto              | HRW          | 39.5        | 58.4        | 25           |
| SY Rugged                 | AgriPro Syngenta               | HRW          | 39.0        | 57.0        | 22           |
| Denali                    | PlainsGold                     | HRW          | 38.8        | 58.1        | 25           |
| LCS Mint                  | Limagrain Cereal Seeds         | HRW          | 38.5        | 60.9        | 25           |
| Winterhawk                | WestBred Monsanto              | HRW          | 38.3        | 59.6        | 26           |
| WB4462                    | WestBred Monsanto              | HRW          | 37.6        | 57.9        | 24           |
| Long Branch               | Dyna-Gro Seed                  | HRW          | 37.3        | 58.7        | 23           |
| Byrd                      | PlainsGold                     | HRW          | 36.6        | 58.1        | 24           |
| LCS Chrome                | Limagrain Cereal Seeds         | HRW          | 34.9        | 56.8        | 24           |
| Snowmass                  | PlainsGold                     | <b>HWW</b>   | 34.6        | 58.2        | 26           |
| AM Eastwood               | AgriMaxx Wheat                 | HRW          | 33.6        | 57.3        | 21           |
| Brawl CL Plus             | PlainsGold                     | HRW          | 33.3        | 58.5        | 24           |
| Incline AX                | PlainsGold                     | HRW          | 32.6        | 56.0        | 23           |
| SY Legend CL2             | AgriPro Syngenta               | HRW          | 31.7        | 57.7        | 24           |
| SY Wolf                   | AgriPro Syngenta               | HRW          | 31.6        | 57.8        | 23           |
| <b>Experimentals</b>      |                                |              |             |             |              |
| CO12D296                  | Colorado State University exp. | HRW          | 44.8        | 59.4        | 23           |
| CO15D098R                 | Colorado State University exp. | HRW          | 44.7        | 60.1        | 26           |
| CO13D1783                 | Colorado State University exp. | HRW          | 43.4        | 56.9        | 27           |
| CO15SFD061                | Colorado State University exp. | HRW          | 43.0        | 56.1        | 25           |
| CO15SFD092                | Colorado State University exp. | HRW          | 43.0        | 58.8        | 24           |
| CO13D1714                 | Colorado State University exp. | <b>HWW</b>   | 42.8        | 58.3        | 25           |
| CO12D1770                 | Colorado State University exp. | HRW          | 42.2        | 60.5        | 25           |
| CO13003C                  | Colorado State University exp. | HRW          | 41.4        | 57.8        | 26           |
| CO13D1299                 | Colorado State University exp. | <b>HWW</b>   | 41.0        | 59.1        | 24           |
| CO13007                   | Colorado State University exp. | HRW          | 40.1        | 58.2        | 25           |
| CO15D127R                 | Colorado State University exp. | HRW          | 40.0        | 58.0        | 22           |
| CO13D1383                 | Colorado State University exp. | <b>HWW</b>   | 39.4        | 57.9        | 23           |
| CO15D027RC                | Colorado State University exp. | HRW          | 38.8        | 58.8        | 25           |
| CO12D597                  | Colorado State University exp. | HRW          | 37.3        | 58.8        | 25           |
| CO13D1479                 | Colorado State University exp. | <b>HWW</b>   | 36.9        | 57.1        | 24           |
| CO15SFD107                | Colorado State University exp. | HRW          | 36.8        | 57.8        | 25           |
| CO13D0787                 | Colorado State University exp. | HRW          | 36.5        | 60.2        | 25           |
| CO15A018                  | Colorado State University exp. | HRW          | 36.5        | 57.6        | 23           |
| CO13D1638                 | Colorado State University exp. | <b>HWW</b>   | 36.5        | 56.3        | 25           |
| NHH144913-3               | University of Nebraska exp.    | HRW          | 36.5        | 53.0        | 25           |
| CO13D1486                 | Colorado State University exp. | <b>HWW</b>   | 36.0        | 58.5        | 23           |
| CO14A070                  | Colorado State University exp. | HRW          | 36.0        | 58.6        | 24           |
| CO14A050                  | Colorado State University exp. | HRW          | 34.5        | 57.8        | 24           |
| CO14A136                  | Colorado State University exp. | HRW          | 34.2        | 56.5        | 23           |
| CO15D130W                 | Colorado State University exp. | <b>HWW</b>   | 33.8        | 58.2        | 22           |
| CO13D1164                 | Colorado State University exp. | <b>HWW</b>   | 32.8        | 55.7        | 26           |
| CO15D129R                 | Colorado State University exp. | HRW          | 32.1        | 59.4        | 23           |
| CO15D063RC                | Colorado State University exp. | HRW          | 30.2        | 58.4        | 24           |
| CO15D094R                 | Colorado State University exp. | HRW          | 29.8        | 58.3        | 24           |
| CO15SFD095                | Colorado State University exp. | HRW          | 27.4        | 59.9        | 24           |
| CO15D092R                 | Colorado State University exp. | HRW          | 26.3        | 58.4        | 24           |
| <b>Average</b>            |                                |              | <b>38.1</b> | <b>58.1</b> | <b>24</b>    |
| <sup>a</sup> LSD (P<0.30) |                                |              | 3.9         |             |              |

<sup>a</sup>If 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: Plainsman Research Center (Kevin Larson, Brett Pettinger, and Perry Jones)  
 Harvest date: June 28, 2018  
 Planting date: October 12, 2017  
 Trial Comments: Planted into very good moisture. Emergence and stand establishment were acceptable although compaction was an issue on edge rows of plots. Very little moisture received during late-fall and entire winter. Infrequent and low amounts of moisture received in early spring until good rains in mid-May. No disease issues.

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