

Hooker Wheat Variety Trial



wheat.okstate.edu

Cooperator: Dan Herald

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Planting & harvest dates: 10/12/17 & 6/22/18
 Management: Grain-only
 Tillage: No-till

Previous crop: Fallow
 Soil type: Dalhart fine sandy loam
 Soil test: pH = 7.1, P = 105, K = 788

| Licensee | Variety | Grain Yield | | | Test Weight |
|----------------------|--------------------|-------------------|---------------------|---------------------|-------------|
| | | 2017-18 | 2-Year [†] | 3-Year [†] | 2017-18 |
| | | ----- bu/ac ----- | | | --lb/bu-- |
| PlainsGold | Langin | 45 | - | - | 55.0 |
| Dyna-Gro | Long Branch | 42 | - | - | 54.7 |
| LCS | LCS Mint | 41 | 49 | 50 | 56.9 |
| WestBred | WB-Grainfield | 40 | 55 | 54 | 55.9 |
| AgriPro | SY Monument | 40 | 41 | - | 54.4 |
| WestBred | WB4458 | 38 | - | - | 54.5 |
| OGI | Bentley | 38 | 49 | - | 54.3 |
| KWA | Joe | 38 | - | - | 56.8 |
| OGI | Ruby Lee | 37 | 40 | 41 | 55.1 |
| OGI | Duster | 37 | 47 | 49 | 55.1 |
| KWA | Oakley CL | 36 | - | - | 56.3 |
| LCS | LCS Pistol | 36 | 45 | 43 | 55.2 |
| Watley | TAM 112 | 36 | 37 | 39 | 56.9 |
| WestBred | Winterhawk | 36 | 45 | 50 | 56.4 |
| KWA | Larry | 35 | - | - | 54.6 |
| OGI | Doublestop CL Plus | 35 | 45 | 48 | 55.6 |
| OGI | Smith's Gold | 34 | - | - | 55.2 |
| OGI | Lonerider | 34 | 43 | - | 52.3 |
| LCS | LCS Chrome | 33 | - | - | 55.2 |
| OGI | Iba | 33 | 40 | 43 | 57.1 |
| AGSECO | TAM 114 | 33 | 35 | 37 | 55.9 |
| LCS | T158 | 32 | - | - | 55.5 |
| OGI | Gallagher | 32 | 37 | 40 | 53.5 |
| WestBred | WB4721 | 31 | - | - | 56.2 |
| AgriPro | SY Grit | 31 | - | - | 51.1 |
| WestBred | WB4303 | 30 | - | - | 50.9 |
| AgriPro | SY Rugged | 30 | - | - | 53.3 |
| Watley | TAM 204 | 27 | 43 | 48 | 49.8 |
| Experimentals | | | | | |
| | OK14P212 | 37 | - | - | 56.7 |
| | OK12716 | 36 | - | - | 53.9 |
| | OK13621 | 36 | - | - | 56.3 |
| | OK168513 | 34 | - | - | 54.3 |
| | OK12206-2 | 32 | - | - | 51.3 |
| | OCW05S616T-2 | 31 | - | - | 54.1 |
| Mean | | 35 | 43 | 45 | 54.7 |
| LSD (0.05) | | 6 | 9 | 8 | 1.0 |

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Severe drought conditions persisted throughout much of the growing season, and some freeze injury occurred during early April. There was low foliar disease pressure throughout grain-fill, but Fusarium foot rot (dryland root rot) symptoms appeared during May and remained throughout grain-fill.

† Two-year results are the average of 2018 and 2016. Three-year results are the average of 2018, 2016, and 2015. Data was not reported in 2017 due to excessive variability.

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