



Cherokee Wheat Variety Trial

wheat.okstate.edu

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Planting & harvest dates: 10/10/17 & 6/13/18

Previous crop: Wheat

Management: Grain-only

Soil type: Dale silt loam

Tillage: Conventional

Soil test: pH = 6.9, P = 45, K = 594

| Licensee | Variety | Grain Yield | | | Test Weight | Lodging |
|----------------------|--------------------|-----------------|--------|--------|-------------|---------|
| | | 2017-18 | 2-Year | 3-Year | 2017-18 | 2017-18 |
| | | -----bu/ac----- | | | ---lb/bu--- | 1 - 5 |
| AgriPro | SY Monument | 37 | 58 | 62 | 56.9 | 2 |
| Watley | TAM 112 | 37 | 48 | 54 | 58.7 | 2 |
| KWA | Larry | 37 | 54 | - | 58.2 | 2 |
| PlainsGold | Langin | 36 | 54 | - | 58.1 | 3 |
| OGI | Doublestop CL Plus | 34 | 54 | 57 | 59.8 | 2 |
| AGSECO | TAM 114 | 34 | - | - | 59.0 | 2 |
| KWA | Joe | 34 | 61 | - | 56.7 | 2 |
| WestBred | WB4458 | 33 | - | - | 58.5 | 1 |
| WestBred | WB4721 | 33 | - | - | 59.8 | 2 |
| LCS | LCS Chrome | 32 | 55 | - | 56.2 | 2 |
| OGI | Bentley | 32 | 53 | 59 | 55.1 | 2 |
| WestBred | WB-Grainfield | 32 | 58 | 63 | 56.3 | 2 |
| OGI | Iba | 31 | 54 | 60 | 57.1 | 2 |
| AgriPro | SY Grit | 31 | - | - | 55.7 | 1 |
| LCS | LCS Pistol | 30 | 47 | 51 | 56.3 | 2 |
| AgriPro | Bob Dole | 30 | - | - | 56.7 | 2 |
| LCS | LCS Mint | 30 | 46 | 52 | 57.7 | 2 |
| KWA | Oakley CL | 29 | - | - | 57.1 | 3 |
| WestBred | Winterhawk | 27 | 55 | 61 | 60.2 | 2 |
| Watley | TAM 204 | 27 | 46 | 53 | 53.2 | 1 |
| OGI | Ruby Lee | 25 | 50 | 51 | 57.9 | 1 |
| OGI | Duster | 25 | 42 | 51 | 55.5 | 2 |
| Dyna-Gro | Long Branch | 25 | - | - | 53.3 | 3 |
| AgriPro | SY Rugged | 24 | - | - | 55.5 | 3 |
| WestBred | WB4303 | 24 | - | - | 54.7 | 1 |
| OGI | Smith's Gold | 23 | 45 | - | 56.7 | 2 |
| OGI | Gallagher | 22 | 46 | 50 | 57.0 | 2 |
| OGI | Lonerider | 22 | - | - | 53.1 | 2 |
| LCS | T158 | 21 | - | - | 55.4 | 3 |
| AgriPro | SY Achieve CL2 | 20 | - | - | 56.8 | 2 |
| Experimentals | | | | | | |
| | OK14P212 | 34 | - | - | 59.5 | 1 |
| | OK12716 | 31 | 58 | 64 | 56.6 | 2 |
| | OK13621 | 28 | - | - | 57.1 | 2 |
| | OCW05S616T-2 | 27 | - | - | 58.1 | 2 |
| | OCW04S717T-6W | 24 | - | - | 53.6 | 1 |
| | OK12206-2 | 17 | 41 | - | 52.0 | 1 |
| | Mean | 29 | 51 | 56 | 56.7 | 2 |
| | LSD (0.05) | 11 | 8 | 6 | 2.0 | |

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Lodging on a 1 - 5 scale with 1 indicating no lodging. Freeze injury occurred during early April. Low foliar disease pressure during grain-fill.