



Cherokee Wheat Variety Trial

wheat.okstate.edu

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Planting & harvest dates: 10/18/16 & 6/13/17

Previous crop: Wheat

Management: Grain-only

Soil type: Dale silt loam

Tillage: Conventional

Soil test: pH = 6.7, P = 41, K = 562

| Source | Variety | Grain Yield | | | Test Weight | Lodging |
|------------|---------------------------|-----------------|--------|--------|-------------|---------|
| | | 2016-17 | 2-Year | 3-Year | 2016-17 | 2016-17 |
| | | -----bu/ac----- | | | ---lb/bu--- | 1 - 5 |
| KWA | Joe | 89 | - | - | 57.2 | 2 |
| WestBred | WB-Grainfield | 84 | 79 | - | 56.6 | 3 |
| WestBred | Winterhawk | 83 | 78 | 68 | 59.1 | 3 |
| Syngenta | SY Monument | 78 | 74 | - | 56.6 | 3 |
| LCS | LCS Chrome | 77 | - | - | 55.5 | 2 |
| OGI | Iba | 77 | 74 | 68 | 58.3 | 2 |
| OGI | Bentley | 75 | 73 | 65 | 55.0 | 2 |
| OGI | Doublestop CL Plus | 75 | 68 | 65 | 59.9 | 1 |
| OGI | Ruby Lee | 74 | 64 | 57 | 57.9 | 2 |
| PlainsGold | Langin | 73 | - | - | 56.5 | 2 |
| KWA | Tatanka | 73 | - | - | 56.6 | 4 |
| PlainsGold | Brawl CL Plus | 72 | 69 | 61 | 58.1 | 2 |
| KWA | Larry | 72 | - | - | 56.1 | 2 |
| OGI | Gallagher | 71 | 64 | 60 | 57.7 | 3 |
| OGI | Spirit Rider [†] | 71 | - | - | 58.1 | 2 |
| PlainsGold | Byrd | 67 | 67 | 60 | 56.1 | 2 |
| OGI | Smith's Gold [†] | 66 | - | - | 56.6 | 2 |
| Watley | TAM 204 | 66 | 66 | 59 | 51.5 | 3 |
| OSU | Endurance | 66 | 67 | 62 | 54.8 | 2 |
| LCS | LCS Pistol | 64 | 61 | 58 | 56.2 | 4 |
| WestBred | WB-Cedar | 64 | 51 | 48 | 57.4 | 1 |
| LCS | LCS Mint | 62 | 62 | 57 | 57.7 | 3 |
| PlainsGold | Avery | 60 | 63 | - | 54.8 | 3 |
| Watley | TAM 112 | 60 | 62 | 56 | 57.4 | 4 |
| OGI | Duster | 59 | 64 | 58 | 54.5 | 4 |
| | Experimentals | | | | | |
| | OK12716R/W | 84 | 80 | - | 57.2 | 2 |
| | OK11D25005 | 78 | - | - | 58.1 | 2 |
| | OK14319 | 74 | - | - | 57.5 | 1 |
| | OK12206-2 | 64 | - | - | 54.4 | 1 |
| | Mean | 72 | 68 | 60 | 56.7 | 2 |
| | LSD _(0.05) | 7 | 7 | 6 | 1.0 | |

Notes: Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Lodging on a 1 - 5 scale with 1 indicating no lodging. All plots received 1 pint/ac Yuma 4E on 3/9/17 and 5 oz/ac Prosaro 421 SC fungicide on 4/27/17.

[†] Variety tested and reported as an experimental line in previous trial(s): Smith's Gold = OK11D25056; Spirit Rider = OK10126.