



Altus Regional Wheat Variety Trial

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AGRICULTURE

Cooperator: Southwest Res. & Ext. Center

Extension Educator: Gary Strickland

Planting & harvest dates: 10/29/15 & 6/8/16

Previous crop: Wheat

Management: Grain-only

Soil type: Hollister silty clay loam

Tillage: Conventional

Soil test: pH = 7.1, P = 63, K = 940

| Source | Variety | Grain Yield | | | Test Weight |
|----------------------|--------------------|-----------------|--------|--------|-------------|
| | | 2015-16 | 2-Year | 3-Year | 2015-16 |
| | | -----bu/ac----- | | | --lb/bu-- |
| KWA | Tatanka | 60 | - | - | 63.6 |
| KWA | Oakley CL | 60 | 54 | - | 59.5 |
| LCS | LCS Chrome† | 55 | 54 | - | 57.6 |
| LCS | T158 | 55 | 50 | 37 | 58.3 |
| WestBred | Winterhawk | 52 | 51 | 39 | 62.1 |
| KWA | Joe | 52 | - | - | 56.7 |
| Syngenta | SY Flint† | 52 | 52 | - | 57.6 |
| WestBred | WB4721 | 51 | - | - | 60.1 |
| OGI | Iba | 51 | 50 | 38 | 59.3 |
| OGI | Duster | 51 | 47 | 37 | 58.9 |
| Syngenta | SY Monument | 50 | 45 | - | 57.7 |
| WestBred | WB-Grainfield | 49 | 46 | 38 | 59.8 |
| Dyna-Gro | Long Branch | 49 | - | - | 55.4 |
| OGI | Bentley† | 48 | 52 | 42 | 56.3 |
| KWA | Larry | 48 | - | - | 57.3 |
| KWA | Zenda | 48 | - | - | 59.5 |
| Syngenta | SY Drifter† | 48 | 48 | - | 62.1 |
| WestBred | WB4515 | 47 | - | - | 58.4 |
| WestBred | WB4458 | 47 | 45 | 34 | 57.4 |
| Watley | TAM 204 | 45 | 44 | - | 56.4 |
| LCS | LCS Mint | 45 | 43 | 35 | 59.0 |
| AGSECO | AG Robust | 44 | - | - | 57.8 |
| PlainsGold | Brawl CL Plus | 44 | 44 | 35 | 60.1 |
| WestBred | WB4303 | 44 | - | - | 55.0 |
| KWA | 1863 | 44 | 45 | - | 58.9 |
| KWA | KanMark | 44 | 50 | - | 60.4 |
| Syngenta | SY Grit | 43 | - | - | 59.8 |
| AGSECO | TAM 114 | 42 | 43 | - | 57.0 |
| OGI | Gallagher | 42 | 44 | 32 | 58.7 |
| OGI | Doublestop CL Plus | 39 | 45 | 38 | 59.4 |
| OGI | OK Rising | 39 | 39 | - | 54.7 |
| Syngenta | SY Razor | 39 | - | - | 57.3 |
| WestBred | WB-Cedar | 37 | 44 | 32 | 57.7 |
| OGI | Billings | 35 | 40 | 30 | 56.9 |
| OSU | Endurance | 34 | 40 | 34 | 57.3 |
| PlainsGold | Byrd | 34 | 35 | 29 | 58.6 |
| LCS | LCS Pistol | 33 | 40 | - | 59.3 |
| PlainsGold | Avery† | 33 | 34 | - | 55.7 |
| Syngenta | SY Llano | 32 | 29 | - | 60.0 |
| LCS | LCS Wizard | 31 | 33 | 28 | 60.7 |
| Watley | TAM 112 | 29 | 31 | - | 57.6 |
| OGI | Ruby Lee | 23 | 32 | 25 | 58.1 |
| OGI | NF 101 | 23 | 32 | - | 57.1 |
| KWA | Everest | 22 | 33 | 24 | 58.5 |
| Experimentals | | | | | |
| | OK12716R/W | 67 | - | - | 58.4 |
| | OK11D25056 | 55 | 51 | - | 59.2 |
| | OK09915C-1 | 46 | - | - | 58.5 |
| Mean | | 44 | 43 | 34 | 58.4 |
| LSD (0.05) | | 6 | 7 | 5 | 4.2 |

Notes: Three-year results are average of 2016, 2015, and 2013. Data was not collected in 2014 due to severe drought. Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Heavy stripe rust pressure throughout grain fill.
 † Varieties tested and reported as experimental lines in previous trial(s): Avery = CO11D174; Bentley = OK09125; LCS Chrome = LCH13DH-20-87; SY Drifter = AP09T7631; SY Flint = 06BC722#25.

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