

2016 Ellis County No-Till Wheat Variety Demonstration Plot

Cooperators: L & N Farming



Previous Crop: Wheat 2015, Milo 2014, Milo 2013, Wheat 2012, Oats 2011 & Milo 2010

Planted: Sept. 30, 2015

Planter: 4030 All plant Crustbuster- 7.5" spacing - 30' wide

Size of Plot: 30' X 390'

Seeding Rate: 80 lbs./Ac

Fertility: 25 lbs P & 1 qt Zn at planting, topdress Feb. 60 lbs. urea

Herbicide: Burndown after Harvest, Roundup, Banvel & 2-4D, 4/10oz Amber on Last
Burndown, Roundup & 2 4-D

Fungicide: Sprayed May 3rd, 8 oz Gold Rush Duo

Soil Moisture: Surface dry, Subsoil 14-15"

Soil Type: Harney

Location: 2328 Fairground Rd. (started on East end of field)

Harvested: 7-Jul-16

| Variety | Yield (bu/a) | TW(lb/bu) | % of test Avg. | Multi-yr. avg. | |
|----------------|--------------|-----------|----------------|----------------|-----|
| | | | | 2nd | 3rd |
| * Fuller - WG | 60 | 57.9 | 109 | 65 | 49 |
| Denali - WG | 53 | 56.9 | 96 | 58 | |
| WB-Cedar | 45 | 57.6 | 82 | 63 | 45 |
| TAM 114 - TAM | 57 | 58.2 | 104 | | |
| KanMark - WG | 54 | 57.9 | 98 | 64 | |
| LCS Pistol | 54 | 57.9 | 98 | | |
| WB 4458 | 43 | 57 | 78 | 56 | |
| 1863 - WG | 52 | 57.6 | 95 | 69 | 52 |
| SY Monument - | ** | 57.4 | 102 | | |
| T158 - LCS | 59 | 58 | 107 | 68 | 51 |
| Everest - WG | 57 | 57.6 | 104 | 63 | 48 |
| LCS Mint | 57 | 57.2 | 104 | 60 | |
| WB-Grainfield | 62 | 58.5 | 113 | 66 | |
| Oakley CL - WG | 58 | 58.3 | 105 | 68 | |
| WB-Redhawk | 50 | 57.6 | 91 | | |
| * TAM 111 | 58 | 57.7 | 105 | | |

Note: When making a final variety selection, please use all resources and information available including K-State Research & Extension experiment sites across the State, seed companies and your past cropping history. Be sure and evaluate all aspects including varieties, disease, fertilization, insects and growing conditions. Please note this is not a replicated plot and should be used along with the replicated K-State Research & Extension performance test data at the website: <http://www.agronomy.k-state.edu/services/crop-performance-tests/winter-wheat/>
The 2 yr av. is based off of the 2013 & 2015 crop, 3 yr av. 2013, 15 & 16, because 2014 crop failed.

TAMU - TX

AgriLife

LCS - Limagrain Cereal Seeds

WB - WestBred

WG - Wildcat Genetics

SY - Syngenta/AgriPro

* Not from certified seed lot

**Company requesting yield not reported