

**2017 Ellis Co. Dryland No-Till Wheat Variety Demo. Plot**

Cooperators: L & N Farming



Number of Varieties: 15

Field Location: 2.5 mile north I-70 Victoria exit, 1 mile west Fairground Rd. 1/4 south 330th

Soil type: Harney-Carlson-Armo association

Soil sample recommendation: 65 lb. N, 10 lb. P, 8 lb. S, 2.4 lb. Zn, 1.2 lb. Mn

Fertility: starter 7 lb. N, 25 lb. P & 1 qt. Zinc

Planting date: Sept. 29, 2016

Seeding Rate: 80 lbs./Ac

Row spacing & planter: 7.5" Crustbuster all plant drill 30'

Seed treatment: Fungicide & Ascend

Prior Crops: Wheat 2016, feed 2015, wheat 2014, wheat 2013, oats 2012, feed 2011

Top-dress fertilizer: 60 lb. N (46-0-0) mid March

Wheat was not grazed

Size of Plot: 30' X 480'

Herbicide: 8-12-16 24 oz Cornerstone, 10 oz 2-4,D, 4 oz Banvel, 4 oz Superb, 6.4 oz Class Act

9-19-16 24 oz Cornerstone, 10 oz 2-4,D, 4 oz Amber, 4 oz Superb, 6.4 oz Class Act

Fungicide No

Soil Moisture: 2' of subsoil moisture @ planting

Field notes: Foliar rust was observed on flag leaves

Location: Fairground & 330th Ave (1/4 S. on 330th from Fairground Rd.)

Harvested: June 27,2017

Variety	Yield (bu/a)	TW(lb/bu)	% of test Avg.	Multi-yr. avg.	
				2nd	3rd
Winterhawk	36	54.4	96		
Zenda	39	56.2	105		
*SY Monument		55.3			
LCS Chrome	35	55.2	94		
Everest	34	55.6	92	46	53
T158	41	55.5	111	50	59
Grainfield	38	56.3	101	50	56
KanMark	38	55.7	103	46	55
WB4721	29	56.5	78		
Tatanka	41	56.8	109		
WB4458	35	54.4	94	39	49
Oakley CL	51	58.6	138	55	62
Larry	42	56.2	113		
Denali	33	54.7	88	43	53
TAM 114	30	52.2	79	44	
<b>Average</b>	<b>37</b>	<b>55.5</b>		<b>47</b>	<b>55</b>

Note: When making a final variety selection, it is highly recommended to base your decision on replicated yield data; such as the K-State Research & Extension Agricultural Experiment Stations wheat performance tests. As well as your past crop and field history. Be sure and evaluate all aspects including varieties, disease, fertilization, insects and growing conditions. Please note this is not a replicated plot, it is for demonstration purpose only. For replicated data go to <http://www.agronomy.k-state.edu/services/crop-performance-tests/winter-wheat/>

TAMU - TX

AgriLife Ext.

LCS - Limagrain Cereal Seeds

WB - WestBred

KWA - Kansas Wheat Alliance

SY - Syngenta/AgriPro

\*Company requesting yield not reported