

2021 Ellis Co. No-Till Continuous Cropping Wheat Variety Demo. Plot

Cottonwood District
Cooperators: L & N Farming



Number of Varieties: 13, dryland, not grazed
Field Location: From I-70 take Victoria exit, go N. 2.5 miles on Cathedral Rd. turn W. onto Fairground Rd. go 1 mile, turn S. onto 330th Ave.
Soil Type: Harney silt loam
Fertility: at planting 7 lbs. N & 25 lbs. P
Planting date: Oct. 2, 2020
Seeding Rate: 92 lbs./ac
Row spacing & planter: 7.5 " spacing, Crustbuster 4030 all plant
Seed treatment: Yes company applied
Prior Crops: 2019 wheat, 2018 corn, 2017 milo, 2016 wheat, 2015 wheat
Top-dress fertilizer: 50 lbs. N in spring
Size of Plot: 30 x 450 feet
Herbicide: 9-20-20 30 oz. glvphosate, 4 oz. 2, 4-D, 4 oz. finesse
Fungicide: Yes – Quilt
Harvested: July 13, 2021
* Company request yield not reported

Variety	Yield (bu/a)	TW(lb/bu)	Moisture	Dockage	% of test Avg.	Multi-yr. avg.	
						2nd	3rd
Tatanka	61	59.8	11	1.1	113	43	45
SY Wolverine	*	59.5	11	1.4	102		
LCS Revere	62	59.1	10.8	1.1	115		
WB4792	55	59.8	11	0.8	102	40	
KS Dallas	50	59.1	11	2.8	93		
LCS Photon AX	52	60.2	11	0.7	96		
WB Grainfield	54	59	11	0.7	100		
LCS Chrome	47	57.9	10.8	0.5	87	37	46
SY Monument	*	58.7	10.6	0.6	100		
LCS Valiant	55	58.9	10.4		102	39	
WB4462	51	58.4	11.4		94		
Average	54	59.1	10.9	0.96			

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/>