

2021 Cottonwood District - Barton Co. Wheat Demo. Plot
 Cooperator: Great Bend Coop



Number of Varieties: 16, dryland, not grazed
 Field Location: 2.5 Miles west of Great Bend on W. Barton Co. Rd.
 Soil Type: Roxbury
 Fertility: Oct. 20th, 30 lbs. N, 30 lbs. P & 5 lbs. S
 Planting date: October 20, 2020
 Seeding Rate: 80 lbs./Ac
 Row spacing & planter: 10", Great Plains no-till drill
 Seed treatment: Yes company applied
 Prior Crops: Soybeans 2020
 Top-dress fertilizer: Feb. 26, 46 lbs. N
 Size of Plot: 10' x 440'
 Herbicide: Quelex & 2,4-D spring applied
 Fungicide: RustEase 5 oz. & MasterLock 4 oz.
 Harvested: June 24, 2021; no plot harvested 2019

Variety	Yield (bu/a)	TW(lb/bu)	Moisture	% of test Avg.	Multi-yr. avg.	
					2nd	3rd
Larry - check	62	60.3	11.6	103		
LCS Photon	57	61.5	11	95		
WB4401	66	60.1	11.1	110		
SY Wolverine	59	59.1	11.3	98		
Whistler	51	57.7	11.4	85		
KS. Western Star	55	60.4	11.3	92	52	
Check	61	60.4	11.3	102		
LCS Valiant	68	61.1	11.2	113	56	
WB4269	55	60.7	11.2	92	48	
SY Monument	56	59.8	11	93	50	
Zenda	63	60.6	11	105	49	
Showdown	61	59.1	11.2	102	52	
Check	59	58.4	11.3	98		
LCS Chrome	54	58.4	10.8	90		
Larry	64	59.4	11.2	107	56	
SY EverRock	50	59.3	10.9	83.0		
Rock Star	67	58.9	11.4	112		
KS Dallas	71	60.9	11.3	118		
WB Grainfield	53	60.1	11.2	88	45	
Check	62	60.3	10.9	103		
Plot Average	60	60	11.2		51	

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/>