

2020 Cottonwood District - Barton Co. Wheat Demo. Plot

Cooperator: Mike Redetzke



Number of Varieties: 13, dryland, not grazed  
 Field Location: 1/8 mile N. of Susank  
 Soil Type: Harney silt loam  
 Fertility: preplant 30 lbs. N, 30 lbs. P  
 Planting date: November 8, 2019  
 Seeding Rate: 80 lbs./Ac  
 Row spacing & planter: 10", Krause 5400 minimum-till drill  
 Seed treatment: Yes company applied  
 Prior Crops: Fallow 2019, corn 2018  
 Top-dress fertilizer: 30 lbs. N  
 Size of Plot: 10' x 625'  
 Herbicide: 1 oz. Sharpen, 32 oz. Roundup, 6 oz. Banvel preharvest treatment  
 Fungicide: Yes  
 Harvested: July 18, 2020  
 Plot not harvested in 2019, 2 yr. av. 2018 & 2020

Variety	Yield (bu/a)	TW(lb/bu)	Moisture	% of test Avg.	Multi-yr. avg.	
					2nd	3rd
Check #1	46.3	58.2	11.5			
Green Hammer	36	59	10.9	88		
LCS Valiant	44	58.9	11	107		
Tatanka	41	60.4	11.3	100	48	
WB4269	41	60.3	11.1	100		
Check #2	37.4	58.7	11.2	99		
Larry	48	59.2	11.1	117	47	
Paradise	34	59.5	11.3	83		
SY Monument	44	59.5	11.3	107	45	
WB-Grainfield	36	60.4	11.1	88	39	
Showdown	43	59	10.7	105		
Check #3	38.5	58.6	10.6			
WB4303	41	57.3	10.5	100	44	
KS Western Star	49	60.2	10.9	120		
SY Grit	39	59.3	10.6	95		
Zenda	35	58.8	10.7	85.0	44	
Check #4	43.2	58.7	10.4			
<b>Plot Av. w/out checks</b>	<b>41</b>	<b>59.3</b>	<b>10.9</b>		<b>45</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/>