

2018 Cottonwood District - Barton Co. Wheat Variety Demonstration Plot
Cooperator: Terry Reif



Number of Varieties: 16; Dryland; not grazed
Soil Type: Harney
Soil Sample recommendation: 0-6" - 9 ppm P, 40 lb. P, 270 ppm K, pH 5.0
Fertility: planting 70 lb. actual NH₃ & 55 lb. P applied
Planting date: October 19, 2017
Seeding Rate: 70 Lbs./Ac
Row spacing: 10"
Seed treatment: Yes & no insecticide
Prior Crops: Wheat Conventional
Top-dress fertilizer: No
Herbicide: 2,4-D, .10 oz Glean
Fungicide: No
Soil Moisture: Av. 28-30" Subsoil moisture at planting
Location: 4 Miles E of Susank & 1 North, then 3/8 mile E on NE 200
Harvested: 6-28-18; Legals: Beaver NW 19 16 12
Average, max., & min. plot yields - 48, 63, 40

Variety	Yield (bu/a)	TW(lb/bu)	Moisture	Test Av.%
T158	40	58	11.7	84
Oakley	48	57.9	11	100
* SY Rugged		56.5	11.2	
WB 4462	47	57.3	10.9	98
LCS Pistol	45	55.5	10.5	95
Larry	46	58.2	10.3	96
WB Grainfield	41	56.3	10.2	87
* SY Monument		56.9	10.4	

TAM 114	43	59.1	10.7	90
LCS Chrome	50	56.2	9.8	105
Tatanka	54	56.5	10.5	113
WB Winterhawk	49	58.3	10.6	102
WB 4721	48	59.3	10.2	101
Zenda	52	58.2	10	109
WB 4303	46	53.3	9.4	96
Joe	63	57.9	10.3	133

Average 48 57.2 10.4

* Company request yield not reported

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/>

