

2023 Ellis Co. Wheat Variety Demo. Plot

Cottonwood District
Cooperator: Neil Gottschalk



Planted: September 29, 2022

Seeding Rate: 60 lbs./ac

Fertility: 70lbs N Preplant & 40 lbs. 11-52-0 starter at planting

Prior Crops Fallow 2022, Grain Sorghum 2021

Size of Plot: 40' Wide X 500' long

Herbicide: 24 oz Roundup, 8 oz 2,4-D preplant & 3 oz. banvel, .10 oz. Ally in Spring

Location: Golf Course Rd. & 180th Ave., go S. on 180th 1.5 miles

Harvested: June 29, 2023

Check strips were used to adjust the yields for productivity gradients across the field

Variety	Yield (bu/a)	TW(lb/bu)	% of test Avg.
KS Western Star	53	64.1	110
Rock Star	48	61.8	100
WB 4595	46	65.2	96
LCS Atomic AX	48	63.3	100
AgriPro Ever Rock	41	62.3	85
KS Hamilton	44	63.1	92
Grainfield	48	62.3	100
AP BigFoot	48	62.7	100
LCS Julep	52	64.6	108
KS Dallas	52	63.4	108
WB 4422	54	63.6	113
SY Wolverine	49	64.1	102
KS Providence	46	63	96
WB 4792	50	63.3	104
KS Territory	47	63.8	98
Plot Average	48	59.1	

Note: When making a final variety selection, it is highly recommended to base your decision on replicated, multi year 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 <https://www.agronomy.k-state.edu/outreach->