

2022 Barton Co. Wheat Variety Demo. Plot

Cottonwood District

Cooperator: Great Bend Coop



Field Location: 2.5 miles west of Great Bend

Planted: October 20, 2021

Seeding Rate: 1.2 million seeds/ac. & 400,000 seeds/ac.

Fertility: 50 lbs DAP per acre

Prior Crops and tillage: Soybeans, no-till

Top-dress fertilizer: 100 lbs N per acre as urea late March (varied by experiment)

Size of Plot: 10' X 30'

Herbicide: 3-2-22 .75 oz. Wuelex/ac + 4 ox. Dicamba/ac

Fungicide: 13 oz/a of Nexicor at heading (varied by experiment)

Harvested: June 20th, 2022

All values highlighted in bold within a column did not differ statistically from Wolverine (3 reps).

Variety	Grain Yield (bu/a)			Test Weight (lb/bu)		
	1.2M seeds/a	400k seeds/a	Diff.	400K	1.2 M	Diff.
SY Wolverine	45.4	41.2	4.1	57.7	58.8	-1.2
KS Western Star	42.5	30.9	11.7	54.8	58.4	-3.7
SY Monument	39.2	33.5	5.7	54.4	55.9	-1.5
WB4699	39	36.3	2.7	54.4	56	-1.2
Showdown	38.9	38	1	54.1	55.7	-1.6
Kanmark	38.6	33.8	4.8	55.2	58.2	-3
KS Dallas	38.2	35.8	2.4	53.8	55.8	-2.1
Ks Providence	37.6	38	-0.4	55.9	56.3	-0.5
WB4792	36.9	35.9	1	55.4	59	-3.2
Joe	36.7	33.7	3	56.1	58	-1.9
KS Ahearn	36.3	34.1	2.2	53.9	56.2	-2.3
WB4269	36	35.9	0.1	57.1	58.5	-1.5
KS Hamilton	35.7	33.5	2.2	54.9	56.6	-1.6
Bob Dole	35.4	32.6	2.8	54.1	56	-1.9
WB4401	35	37.7	-2.7	56.8	58	-1.2
WB4595	35	34.5	0.4	56.8	59.1	-2.3
WB4303	34.6	30.8	3.8	53.4	54.7	-1.2
DoubleStop CL Plus	33.4	30.8	2.6	57.6	58.7	-1.1
Baker's Ann	32.7	32.7	-0.1	54.8	57.3	-2.5
Larry	31.8	37.3	-5.5	54.3	55.4	-1.1
Zenda	31.6	35.9	-4.4	56.8	57.5	-0.8
OK Corral	30.9	35.3	-4.5	52	54.1	-2.2
Duster	30.6	30	0.6	56	57.1	-1.2
Smith's Gold	30.4	26.2	4.2	52.9	56.4	-3.5
KS Hatchett	29.2	29.8	-0.7	55.4	57.1	-1.7
Plot Average	35.7	34.2	1.5	55.1	57	-1.8
Min	29.2	26.2	-5.5	52	54.1	-3.7
Max	45.4	41.2	###	57.7	59.1	-0.5
LSD	7.1	4		0.6	0.7	