

Barton County Wheat Variety x Population Study – 2023

Planted; Sept. 28, 2022

Location: N. of Hoisington on Galatia blacktop, 1 mile W. @ intersection of NW 190 Rd. & NW 50th Ave.

Cooperator: Tim Maier

Plot notes/observations: Yields corrected to 13% moisture. Only 1.8 bu./ac increase (average across varieties) of 400,000 to 1.2M seeds per acre...although, this difference depends on variety.

Variety	Population (seeds/acre)		Average
	400000	1200000	
	----- bu/a -----		
Bob Dole	24.4	23.9	24.1
DoubleStop CL Plus	21.9	28.4	25.6
Duster	23.4	23.5	23.4
Gallagher	20.0	17.7	18.8
Joe	21.8	29.5	25.6
Kanmark	26.1	28.0	27.1
KS Ahearn	28.1	24.5	26.3
KS Dallas	27.8	34.2	31.0
KS Hamilton	27.8	30.3	29.1
KS Hatchett	21.3	22.0	21.6
KS Western Star	26.8	28.4	27.6
Larry	21.7	27.8	24.8
OK Corral	18.2	20.4	19.3
Providence	23.2	27.6	25.4
Showdown	22.8	25.1	24.0
Smith's Gold	20.5	24.9	22.7
SY Monument	23.3	23.2	23.2
SY Wolverine	25.5	30.4	28.0
WB4269	24.7	22.5	23.6
WB4303	17.2	16.6	16.9
WB4401	20.8	23.2	22.0
WB4595	25.7	27.2	26.4
WB4699	25.4	20.7	23.1
WB4792	27.8	33.8	30.8
Zenda	20.5	18.7	19.6
Grand Total	23.5	25.3	24.4