

K-State Wheat Variety Demonstration Plots
 Wallace County
 Plot Location: 3 miles west of Weskan and 5.5 miles south
 Cooperator: E & H Farms



Variety	* = Plots with wind damage / Characteristic	Yield bu/ac	Moisture At Harvest %
Avery	Colorado State/ Plains Gold	40.9	9.3
WB-Grainfield	WestBred *	38.4	9.8
Byrd CL+	Colorado State/ Plains Gold Clearfield	38.0	9.2
Amplify SF	Colorado State/ Plains Gold semi-solid	34.8	9.4
Kivari AX	Colorado State/ Plains Gold CoAxium	33.4	9.3
WB4792	WestBred *	33.2	9.7
Guardian	Colorado State/ Plains Gold	31.8	9.6
CO18D297R	Colorado State/ Plains Gold experimental	31.1	9.5
KS Bill Snyder	K-State/Kansas Wheat Alliance	28.8	9.4
WB4595	WestBred *	28.6	11.0
KS Territory	K-State/Kansas Wheat Alliance *	25.9	9.3
KS Dallas	K-State/Kansas Wheat Alliance *	25.3	9.9
KS Mako	K-State/Kansas Wheat Alliance *	21.1	9.7
KS Hamilton	K-State/Kansas Wheat Alliance *	15.8	10.1
WB4422	WestBred *	13.8	13.5
TAM 114	AGSECO *	0.0	0.0
Plot Average		28.6	9.3

Dilled: September 26, 2023
 2" deep into moisture
 40 lbs/ac

Fungicide: none

Harvested: July 13, 2024

Variety Characteristics

AX = CoAxium variety, can be treated with Aggressor herbicide
 CL+ = 2 gene Clearfield variety, treated with higher rates of Beyond herbicide
 SF = semi-solid stemmed variety, to help prevent egg laying by wheat stem sawfly

Thank you to E & H Farms for being the wheat plot cooperator!

Overview of the plot:

- Plot drilled into decent moisture and the wheat was a bit slow to emerge.
- Winds during the winter caused damage to the wheat stand, especially on the east end and the south half of the plot.
- Because of this wind damage, only half of the plot had variety signs for plot tour.
- The wind damage caused unfair comparisons between varieties, as many of the varieties in the south half of this plot were competitive in other wheat plots in the area.
- Varieties with an asterick * are in the portion of the plot with wind damage.
- Wheat plants did put on numerous spring tillers that contributed to yield.
- Although daytime highs were quite high during portions of the grain fill period, cool nighttime temperatures allowed the plants to recover and this aided kernel fill.

This data is from demonstration plots. It should be used with replicated performance test data for variety selection.
 K-State performance test yields are available for Greely County and Thomas County.

Please contact Jeanne Falk Jones, K-State Agronomist at (785) 443-3403 or jfalkjones@ksu.edu with questions.
 K-State Research and Extension is an equal opportunity provider and employer.