

K-State Wheat Variety Demonstration Plots

Wallace County

Plot Location: 9 miles south of Sharon Springs, 3.5 mi east on Field Road

Cooperator: Mai Farms



	Variety			Yield bu/ac	Test Weight lb/bu	Moisture %	Protein %
1	Whistler		PlainsGold (CSU)	72.3	57.9	8.9	11.3
2	Avery		PlainsGold (CSU)	66.5	58.3	8.7	11.7
3	KS Tradition		Kansas Wheat Alliance (KSU)	65.3	58.3	8.2	11.1
4	Outlaw		PlainsGold (CSU)	64.2	57.6	8.6	11.6
5	Sheridan		PlainsGold (CSU)	62.8	58.8	9.3	11.9
6	KS Territory		Kansas Wheat Alliance (KSU)	60.7	58.6	8.8	11.9
7	KS Western Star		Kansas Wheat Alliance (KSU)	60.5	59.5	8.4	11.8
8	KS Bill Snyder		Kansas Wheat Alliance (KSU)	60.3	59	8.3	12
9	Bernd		PlainsGold (CSU)	59.9	59.1	8.8	11.5
10	Gabriel		PlainsGold (CSU)	58.5	59.4	9.1	11.7
11	Telluride	white	PlainsGold (CSU)	57.2	58.8	8.7	11.6
12	Ks Big Bow	white	Kansas Wheat Alliance (KSU)	56.9	59.1	8.8	12.3
13	WB4792		Westbred	54.6	59.8	8.7	11.8
14	Langin		PlainsGold (CSU)	54.3	58	8.9	12.2
15	Breck	white	PlainsGold (CSU)	53.8	59.5	9	13.3
16	Byrd CL+	clearfield	PlainsGold (CSU)	51.0	58.9	8.5	11.8
17	WB4445CLP	clearfield	Westbred	50.3	58.8	8.2	12.8
18	LCS Steel AX	CoAxium	Limagrain	50.0	57.4	8	12.4
19	KS Silverado	white	Kansas Wheat Alliance (KSU)	48.0	56.1	8.8	12.7
20	KS Homesteader CL+	clearfield	Kansas Wheat Alliance (KSU)	47.1	60.3	8.4	12.7
21	Fortify SF	semi-solid	PlainsGold (CSU)	44.5	57.8	8.3	13.4
22	Joe	white	Kansas Wheat Alliance (KSU)	42.4	55.3	8.5	13.4
23	Windom SF	white, semi-sol	PlainsGold (CSU)	40.5	59.6	9.1	14
	Average			55.7	58.5	8.7	12.2

Drilled: October 2, 2025

2" deep into moisture

50 lbs/ac

wheat-corn-fallow rotation

Fertility: 5 gal of 10-34-0 (starter)

Herbicide: none

Fungicide: none

Harvested: June 29, 2026

AX = CoAxium variety, can be treated with Aggressor herbicide

CL+ = 2 gene Clearfield variety, can be treated with higher rates of Beyond herbicide

SF = varieties with a semi-solid stem, to help combat the wheat stem sawfly

Thank you to Mai Farms for being the long-time wheat plot cooperator!

All yields are adjusted to 13% moisture.

This data is from demonstration plots. It should be used with replicated performance test data for variety selection.

Please contact Jeanne Falk Jones, K-State Agronomist at (785) 443-3403 or jfalkjones@ksu.edu with questions.

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Overview of the plot:

- Plot drilled into moisture and emerged evenly and timely. A good amount of fall growth helped provide ground cover.
- Wheat came through the winter well and resumed growth in the spring, although it was slowed a bit with dry conditions.
- Cold events throughout the spring caused concern about the wheat, but the wheat in the plot and a majority of Wallace County did not see freeze damage on stems or in heads.
- Moisture in May helped support grain fill.
- Very trace amounts of stripe rust and leaf rust were found on susceptible varieties in early June.
- The plot looked quite good all season long.