

K-State Wheat Variety Demonstration Plots
 Cheyenne County
 Plot Location: 13 miles west of St Francis to Road 1, north 2.25 miles
 Cooperator: Hingst Farms



	Variety			Yield bu/ac	Test Weight lb/bu	Moisture %	Protein %
1	Whistler		PlainsGold (CSU)	56.4	57.2	11.3	13.3
2	LCS Steel AX	CoAxiom	Limagrain	45.9	55.8	11.5	15.2
3	Bernd		PlainsGold (CSU)	45.1	56.2	11.3	14.5
4	KS Western Star		Kansas Wheat Alliance (KSU)	44.6	56.2	11.7	14.6
5	Byrd CL+	Clearfield	PlainsGold (CSU)	43.3	56	11.1	13.5
6	Gabriel		PlainsGold (CSU)	42.5	55.6	12	14
7	KS Dallas		Kansas Wheat Alliance (KSU)	40.3	51.3	15.3	15
8	KS Territory		Kansas Wheat Alliance (KSU)	40.1	54.8	11.6	14.3
9	WB4445CLP	Clearfield	WestBred	39.7	56.7	11.3	15.6
10	KS Bill Snyder		Kansas Wheat Alliance (KSU)	38.6	56.4	11	14.7
11	WB4444	Semi-solid	WestBred	38.2	55.3	10.6	15.7
12	Avery		PlainsGold (CSU)	38.1	53.9	13.4	14.6
13	KS Homesteader CL+	Clearfield	Kansas Wheat Alliance (KSU)	38.0	57.1	10.9	15.2
14	Sheridan		PlainsGold (CSU)	37.7	55.9	11.1	15
15	WB4347		WestBred	37.7	55.8	11.1	16.3
16	Amplify SF	Semi-solid	PlainsGold (CSU)	36.6	55.3	12.5	15.1
17	WB4792		WestBred	35.6	56.2	12.4	14.7
18	LCS Atomic AX	CoAxiom	Limagrain	35.4	55	11.4	15.2
19	Langin		PlainsGold (CSU)	33.5	55.6	11.4	15
20	Fortify SF	Semi-solid	PlainsGold (CSU)	33.2	54.4	12	14.9
	Average			39.8	55.3	11.8	14.8

Drilled: October 11, 2025
 2" deep into moisture
 65 lbs/ac
 wheat-sorghum-fallow rotation

Fertility: fertilized for 75 bu wheat (nitrogen and phosphorus)
 Herbicide: none
 Fungicide: none

Harvested: July 14, 2026

AX = CoAxiom 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 Hingst 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.

K-State Research and Extension is an equal opportunity provider and employer.

Overview of the plot:

- Plot drilled into fair moisture and was a little slow to emerge. It did not tiller a great deal in the fall.
- Early spring was tough on the wheat because of very dry conditions and repeated cold events.
- The cold events resulted in some stem damage from ice forming in the stem and these damaged stems were unable to stand straight up. In addition, there was freeze damage to the reproductive structures in some of the earlier varieties. This caused kernels to form in only a portion of the wheat head and