

K-State Wheat Variety Demonstration Plots
 Wallace County
 Plot Location: 3 miles west of Weskan, 5 1/2 mi south
 Cooperator: E & H Farms



Variety		Yield bu/ac	Test Weight lb/bu	Moisture %	Protein %	Yield		3 year avg
						2017	2016	
Canvas	Colorado State	76.9	61.3	9.4	11.0	-	-	-
Langin	Colorado State	76.5	59.6	9.2	11.1	37.8	-	-
LCS Fusion AX	LimaGrain	75.1	59.6	9.0	11.2	-	-	-
AM Eastwood	AgriMaxx	72.9	59.2	8.9	12.3	-	-	-
Avery	Colorado State	72.2	60.2	9.2	10.5	26.6	-	-
Brawl CL +	Colorado State	69.0	61.0	9.1	12.6	24.2	64.7	52.6
LCS Mint	LimaGrain	68.8	61.2	9.3	11.6	24.7	54.2	49.2
LCS Link	LimaGrain	67.9	60.6	9.0	11.8	-	-	-
LCS Chrome	LimaGrain	66.6	59.8	8.6	13.8	12.8	-	-
LCS Revere	LimaGrain	65.7	61.2	9.0	12.2	-	-	-
Oakley CL	K-State	65.6	61.7	9.2	12.3	33.4	56.4	51.8
WB Keldin	WestBred	63.7	59.6	8.8	12.0	-	-	-
WB Grainfield	WestBred	62.3	61.2	9.2	12.5	18.9	61.6	47.6
TAM 114	Agseco	61.8	60.4	9.1	10.8	24.8	57.5	48.0
Tatanka	K-State	61.8	61.0	9.2	10.4	26.7	62.4	50.3
KanMark	K-State	61.3	60.6	9.1	11.5	21.2	57.3	46.6
WB 4483	solid stem WestBred	60.7	58.1	8.4	12.8	19.4	-	-
WB 4721	WestBred	58.0	61.4	9.1	13.4	-	-	-
WB 4418	emi-solid ster WestBred	57.7	58.8	8.7	12.4	-	-	-
WB 4462	WestBred	54.9	60.2	8.8	12.3	-	-	-
Winterhawk	WestBred	51.4	60.9	9.2	13.0	29	52.9	44.4
Average		63.9	60.3	9.0	11.9	23.8	57.4	(plot averages)

Overview of the plot:

- The plot got off to a pretty good start with decent stands after being drilled into moderate moisture.
- Stripe rust and leaf rust were present in area fields with no fungicide application.
- Prolonged period of cool conditions with adequate moisture aided in a long grain fill period.

Drilled: 9/26/18

58 lbs at 1.5" deep

No-till wheat - corn - fallow rotation

Fungicide: sprayed with quilt fungicide,

when stripe rust was just appearing at one leaf below the flag leaf

Harvest: 7/20/19

Solid and semi-solid stemmed varieties may be useful in the fight against wheat stem sawfly (currently found in NE Colorado)

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.

Syngenta/AgriPro variety yields are not included in these results, per AgriPro's request.

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.

