

K-State Wheat Variety Demonstration Plots

Wallace County

Plot Location: 9 miles south of Sharon Springs, 4 miles east and 1/3 mi south

Cooperator: Mai Farms



Variety			Yield bu/ac	Test Weight lb/bu	Moisture %	Protein %	Yield		
							2017	2015	3 year avg
Joe	white	K-State	80.2	60.9	9.8	12.3	69.2	-	-
Monarch	white	Colorado State	79.7	59.5	9.7	11.4	-	-	-
Antero	white	Colorado State	75.5	60.3	10.1	11.4	46.4	61	61.0
TAM 114		Agseco	73.9	60.7	9.4	12.4	39.2	60.6	57.9
Langin		Colorado State	73.4	59.4	9.7	11.9	-	-	-
LCS Mint		LimaGrain	72.6	61.0	9.5	12.7	40.2	49.5	54.1
WB 4462		WestBred	71.7	60.4	9.4	13.2	-	-	-
LCS Fusion AX		LimaGrain	71.0	59.5	9.7	11.9	-	-	-
WB Grainfield		WestBred	71.0	60.0	9.5	12.8	44.2	66.1	60.4
LCS Link		LimaGrain	70.9	60.6	9.3	12.9	-	-	-
Tatanka		K-State	70.6	61.0	9.9	11.2	53.8	-	-
Byrd		Colorado State	70.0	59.6	9.7	11.8	41.9	48.5	53.5
LCS Chrome		LimaGrain	69.5	59.6	8.8	13.7	43	-	-
Venada	white	K-State	68.4	60.6	9.5	12.3	-	-	-
Clara CL	uite/Clearfi	K-State	68.2	61.3	9.9	12.4	70.8	65.6	68.2
Larry		K-State	67.5	60.0	9.4	12.7	-	-	-
Avery		Colorado State	67.1	59.5	9.7	11.8	41.8	-	-
LCS Yeti	white	LimaGrain	65.1	60.7	9.7	12.6	-	-	-
KanMark		K-State	64.1	60.8	9.4	12.5	-	61.7	-
Winterhawk		WestBred	62.8	60.3	9.6	13.0	44.9	51.8	53.2
Brawl CL+		Colorado State	62.6	61.0	9.6	13.4	33.5	-	-
T-158		LimaGrain	62.0	60.9	9.3	12.5	43.9	67.6	57.8
Oakley CL		K-State	60.7	61.3	9.6	12.9	67.9	59.9	62.8
Average			69.5	60.4	9.6	12.4	45.4	55.7	(plot avgs)
WB 4483	solid stem	WestBred	59.3	56.7	8.5	13.2	-	-	-

Drilled: 10/2/18

45 lbs/ac

Fertility: 55 lbs nitrogen as anhydrous

Fungicide: treated with trebuconazol,
when stripe rust was appearing at 1 leaf below flag leaf

Harvest: 7/18/19

Solid stemmed wheat may help with wheat stem sawfly infestations

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.

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Overview of the plot:

- The plot was planted 1.5" deep, into good moisture.
- Plot had a small amount of hail damage from a hail event at the early boot stage.
- A prolonged period of cool and wet conditions aided grain fill.
- Stripe rust and leaf rust could be found in the untreated portions (fungicide) of the plot. That portion was not included in the yield results.