

K-State Wheat Variety Demonstration Plots
 Cheyenne County
 Plot Location: 4 miles south of Wheeler and 1/4 mi west
 Cooperator: Sunny Crest Farms



Variety		Yield bu/ac	Test Weight lb/bu	Moisture %	Protein %	Yield		3 year avg
						2017	2016	
WB Grainfield	WestBred	50.1	58.5	9.2	12.3	70.8	84	68.3
Avery	Colorado State	48.1	58.1	9.2	12.0	96.2	81.8	75.4
Oakley CL	K-State	44.9	58.0	9.0	12.6	79.4	78.8	67.7
Byrd	Colorado State	44.8	57.1	9.2	11.8	90.3	90.8	75.3
T-158	LimaGrain	44.5	59.0	9.1	12.4	74.5	80.8	66.6
Denali	Colorado State	44.4	57.3	9.2	12.3	76.2	85.3	68.6
LCS Mint	LimaGrain	44.4	59.7	9.3	12.4	74.2	84.1	67.6
Langin	Colorado State	44.3	57.4	9.0	11.8	88.8		
Joe	white K-State	44.1	56.7	8.9	12.0	65.5		
TAM 114	Agseco	43.8	59.6	9.2	12.4	70.5	89.4	67.9
LCS Link	LimaGrain	43.7	58.0	9.0	12.6			
WB 4721	WestBred	43.2	60.3	9.2	12.8	68.4		
Brawl CL+	Colorado State	41.5	58.8	9.0	13.0	71.8	83.2	65.5
Antero	white Colorado State	41.4	57.3	9.1	11.6	90.5	85.7	72.5
Winterhawk	WestBred	41.4	58.0	9.2	12.6	70.7	85.1	65.7
WB 4458	WestBred	41.0	58.1	8.8	13.5	58.8	83.1	61.0
WB 4462	WestBred	40.8	58.3	8.8	13.3	71.1		
KanMark	K-State	39.8	60.0	9.2	12.1	85.4	82.8	69.3
LCS Chrome	LimaGrain	37.8	56.6	8.6	13.4	71.9	73.5	61.1
Tatanka	K-State	37.7	59.5	9.3	12.2	77		
WB Cedar	WestBred	33.0	58.3	8.9	13.7	57.2	71.8	54.0
Average		42.6	58.3	9.1	12.5	76.1	79.2	
WB 4483	solid stern WestBred	38.0	55.1	8.8	13.0	45.7		

Drilled: 9/20/2017
 65 lbs at 1.5' depth

drilled into poor moisture

Fertility: 70 nitrogen applied at anhydrous

Fungicide: no fungicide treatment

Harvest: 7/12/18

Thank you to Yonkey Farms for harvesting the wheat plot.

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 into in poor moisture. It received rains the next day and timely rains for 3 weeks after drilling to assist stand establishment.
- Plot had a small amount of hail damage from a couple of hail events. Some of the wheat varieties were leaning from the storm on June 19.
- Seed size varied from 12,500 to 21,100 seeds/lb.