

K-State Wheat Variety Demonstration Plots
 Cheyenne County
 Plot Location: 5 miles south of Wheeler and 1/2 mi west
 Cooperator: Sunny Crest Farms



Variety			Yield bu/ac	Test Weight lb/bu	Moisture %	Protein %
Avery		Colorado State	96.2	56.6	10.5	13.6
Antero	white	Colorado State	90.5	55.8	10.6	14.3
Byrd		Colorado State	90.3	57.4	10.8	13.5
Langin		Colorado State	88.8	56.9	10.8	13.7
KanMark		K-State	85.4	55.7	9.9	14.9
Robidoux		Univ of Nebraska	85.3	55.8	10.0	14.5
Oakley CL		K-State	79.4	56.5	11.1	14.1
TAM 112		Watley Seed	79.0	57.2	11.1	14.8
Tatanka		K-State	77.0	55.9	10.1	14.3
Denali		Colo State/K-State	76.2	54.6	11.0	13.8
T-158		LimaGrain	74.5	56.0	10.1	14.6
LCS Mint		LimaGrain	74.2	55.5	11.0	14.0
LCS Chrome		LimaGrain	71.9	54.4	10.3	14.5
Brawl CL+		Colorado State	71.8	55.8	10.5	15.2
WB4462		WestBred	71.1	55.3	10.5	15.4
WB Grainfield		WestBred	70.8	56.2	10.6	15.2
Winterhawk		WestBred	70.7	55.9	11.3	14.6
TAM 114		Agseco	70.5	55.2	9.8	14.9
WB4721		WestBred	68.4	55.8	9.9	15.8
Joe	white	K-State	65.6	55.1	10.4	14.8
WB4458		WestBred	58.8	53.6	10.0	16.8
WB Cedar		WestBred	57.2	53.5	10.3	16.1
Average			76.1	55.7	10.5	14.7
Warhorse	solid stem	Montana State	56.4	44.7	19.5	15.3
Judee	solid stem	Montana State	51.8	43.1	18.2	15.5
WB4483	solid stem	WestBred	45.7	49.2	18.2	16.2

Drilled: 9/20/2016
 60 lbs at 1.5" depth
 drilled into fair moisture

Fertility: 60 nitrogen applied at anhydrous

Fungicide: trebuconazol applied at early heading, when stripe rust first appeared

Harvest: 7/14/2017

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 in really good shape all year.
- Marginal moisture at drilling resulted in a bit of a thin stand early, but the long, warm fall aided tillering to help fill in the stand.
- Exclusion areas (not treated with fungicide) in the Byrd showed damage on leaves from stripe rust. Byrd is susceptible to stripe rust.
- Early spring was fairly dry.