

K-State Wheat Variety Demonstration Plots

Wallace Co

Plot Location: 9 mi south of Sharon Springs to Field Rd and 3 1/2 mi east

Cooperator: Mai Farms



Variety			Yield bu/ac	Test Weight lb/bu	Moisture %	Protein %	Wheat Streak Mosaic Rating
Clara CL	white	K-State	70.8	58.4	8.2	11.9	3
Joe	white	K-State	69.2	54.6	7.6	12.2	3
Joe	white	K-State	68.2	55.9	8.1	12.0	3
Oakley CL	red	K-State	67.9	57.8	8.2	12.0	3
Tatanka	red	K-State	53.8	56.9	8.1	12.2	7
Danby	white	K-State	48.2	57.1	8.3	12.3	5
Antero	white	Colorado State	46.4	55.3	8.2	12.2	7
Winterhawk	red	WestBred	44.9	53.0	7.3	13.3	6
WB Grainfield	red	WestBred	44.2	53.3	7.5	13.4	8
T-158	red	LimaGrain	43.9	55.0	7.6	13.5	5
LCS Chrome	red	LimaGrain	43.0	52.6	6.9	14.0	7
Byrd	red	Colorado State	41.9	53.9	8	12.1	5
Avery	red	Colorado State	41.8	53.6	7.6	12.0	5
WB 4721	red	WestBred	40.5	53.7	7.1	15.2	8
TAM 112	red	Watley Seed	40.4	55.4	7.8	13.3	5
LCS Mint	red	LimaGrain	40.2	53.8	7.8	12.4	6
TAM 114	red	Agseco	39.2	54.1	7.7	13.4	7
Denali	red	Colo State/K-State	38.7	53.4	7.9	11.8	6
Aspen	white	WestBred	37.3	54.6	8	12.9	7
WB 4458	red	WestBred	35.4	52.3	7	15.2	6
Bakers White	white	Farmer Direct Food	34.2	54.4	7.8	14.0	
Brawl CL+	red	Colorado State	33.5	53.6	7.8	13.9	7
Warhorse	solid stem	Montana State	23.8	51.2	7.5	13.7	
Average			45.5	54.5	7.7	13.0	

Drilled: 9/29/2016
45 lbs/ac at 1.5" depth
drilled into good moisture

Fertility: 47 lbs N as anhydrous

Herbicides: no herbicide application

Fungicide: no fungicide application

Harvest 7/11/2017

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.

Overview of the plot:

- Yield Limiting Factor: Plot was infected with wheat streak mosaic, from a fall infection. The Wheat Streak Mosaic Ratings are included to help explain which varieties yielded well.
- Approximately 14" of moisture after planting, with 10.5" of that from April 20 to June 5.
- April 30/May 1 snow fall. There were 18 inches of snow that stayed on the soil for approximately 3 days.
- Dry early in the spring.
- The two 'Joe' plots (one on either end of the plot area) were