

K-State Wheat Variety Demonstration Plots
 Wallace County
 Plot Location: 3 mile west of Weskan and 5.3 mi south
 Cooperator: E&H Farms



Variety		Yield bu/ac	Test Weight lb/bu	Moisture %	Protein %
WB 4792	WestBred	64.8	57.0	15.4	11.8
WB 4595	WestBred	60.0	57.4	15.1	12.4
Guardian	Colorado State	55.5	55.5	14.3	12.4
KS Western Star	K-State	54.9	55.1	15.2	11.6
KS Hamilton	K-State	54.8	55.8	15.4	12.2
Langin	Colorado State	54.7	54.9	15.5	12.0
TAM 114	Agseco	50.2	54.9	14.8	12.1
WB Grainfield	WestBred	49.0	56.0	14.5	12.0
TAM 115	Watley	45.1	57.4	14.9	13.3
LCS Revere	Limagrain	45.0	54.8	15.1	12.7
Oakley CL	K-State	35.0	54.6	15.2	14.1
LCS Chrome	Limagrain	30.0	54.0	15.0	11.9
Average		48.3	55.2	15.1	12.5

Drilled: September 26, 2020
 about 1.5" into fair moisture
 at 45 lb/ac

Fertility: 45 lbs of MESZ at drilling, 11 gallons of 30-0-0-3 in January
 and sprayed 11 gallons KQ 342 (20-00-03-S4-Zn.2) with herbicide in March

Herbicide: dicamba and Quelex

Fungicide: RustEase (Azoxystrobin and Cyproconazole) for stripe rust

Harvested: July 26, 2021

SF = varieties with a semi-solid stem

AX = CoAxiom variety, can be treated with Aggressor herbicide

CL = Clearfield variety, can be treated with Beyond herbicide

CL+ = 2 gene Clearfield variety, can be treated with higher rates of Beyond herbicide

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:

- Moisture at planting was fair and the wheat emergence was somewhat spotty. Emergence continued into the spring with moisture events.
- The rest of the fall and winter were quite dry.
- Wet snow/rain in the spring helped build profile moisture to help support the wheat throughout the rest of the growing season.
- The wheat tillered well, although the overall stand was still a bit thin.
- Hot conditions and wind in mid-June stressed the wheat at grain fill.
- After rains and wind in late June, was leaning at harvest.