3 Year Averages—Eastern Region
2021-2023 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac)[1]	Test Weight (lb/bu)	Protein (%)[2]	Plant Height (in)	Seed Weight (1000 seeds/lb)
Ruth	Husker Genetics	**68.8**	**58.1**	13.5	33.8	15.6
WB4401	WestBred	**68.4**	57.0	12.8	30.3	13.1
WB4699	WestBred	**65.9**	56.0	12.8	28.6	19.4
Siege	NuPride Genetics	**64.4**	**58.8**	14.1	32.1	13.8
LCS Valiant	Limagrain	**64.0**	**58.3**	14.2	30.8	14.3
NE16562	UNL-Experimental	60.3	55.4	13.5	32.6	16.4
Wesley	Husker Genetics	59.1	55.2	14.3	31.4	15.0
Freeman	Husker Genetics	59.0	54.6	13.8	32.7	16.2
NE17441	UNL-Experimental	58.0	57.0	13.9	31.9	15.8
Scout 66	Check	48.6	**57.5**	**14.9**	39.9	14.1
Turkey	Check	47.4	56.3	**15.3**	40.1	15.7
	Standard Error	4.8	0.8	0.2	0.8	0.6
	LSD[3]	7.9	1.3	0.4	1.3	0.9
	Mean[4]	60.4	56.7	13.9	33.1	15.4
	CV[5]	7.9	1.4	1.7	2.4	3.7

SITES INCLUDED:
Saunders (2021, 2022, 2023), Saunders with Intensive Management (2021, 2023), and Lancaster (2021, 2022). 2023 drought caused loss of site in Lancaster County.

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[1] Yield values corrected to 12% moisture. Bolded values indicate highest LSD grouping.

[2] Protein corrected to 14% moisture, the correction factor used in analytical standards.

[3] For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

[4] Mean performance of all entries in the trial.

[5] Coefficient of Variation (CV) indicates the quality of a trial, and lower than 15 indicates a high-quality trial. For CV>15, there was higher than expected variability in the field or the data and the results should be used with caution.