



Eastern Region 3-Year Averages 2020-2022 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)
Ruth	Husker Genetics	87.9	58.9	12.8	38.7
WB4699	WestBred	86.0	57.3	12.1	32.3
WB4269	WestBred	81.8	57.9	12.6	33.4
Siege	NuPride Genetics	81.6	59.6	13.8	36.8
LCS Valiant	Limagrain Cereal Seeds	79.4	59.0	14.0	34.9
Wesley	Husker Genetics	76.5	56.9	13.7	36.0
NE16562	UNL-Experimental	74.4	56.2	13.2	36.4
Freeman	Husker Genetics	74.1	55.8	13.1	37.0
Turkey	Check	55.8	57.1	14.8	45.7
Scout 66	Check	55.2	57.8	14.5	44.5
	Standard Error	3.5	0.5	0.2	0.6
	LSD³	5.8	0.8	0.3	1.0
	Mean⁴	75.3	57.7	13.4	37.6
	CV⁵	4.6	0.9	1.4	1.6

SITES INCLUDED:

2022 Saunders, Lancaster

2021 Saunders, Saunders with Intensive Management, Lancaster

2020 Saunders, Saunders with Intensive Management, Lancaster

NOTES: The Saunders Intensive Management trial in 2022 had similar results to the Saunders standard management so is not included. Kernel weight was not collected in 2020, so refer to 2-year averages.

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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.