



UNIVERSITY of NEBRASKA
LINCOLN

Eastern Rainfed 3 Year Averages 2022-2024 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Grain Weight (1000 seeds/lb)
WB4422	WestBred	72.1	58.5	13.0	31.1	13.4
WB4401	WestBred	71.6	58.3	12.1	29.7	12.5
Ruth	NuHorizon Genetics	70.3	58.3	12.7	33.2	14.6
NE16562	UNL	68.4	57.2	12.7	31.9	15.1
WB4523	WestBred	66.6	55.9	12.0	26.6	16.0
Siege	NuHorizon Genetics	64.5	58.9	13.6	31.1	13.4
WB4699	WestBred	61.5	55.7	11.8	28.3	18.3
Wesley	Husker Genetics	61.3	55.4	13.7	30.5	13.6
Scout 66	Check	52.5	57.8	13.9	38.8	13.1
Turkey	Check	51.6	57.2	14.6	39.3	14.6
	Standard Error	4.9	0.6	0.3	0.8	0.5
	LSD³	8.2	1.0	0.5	1.3	0.8
	Mean⁴	66.7	57.3	12.6	32.6	14.3
	CV⁵	7.3	1.0	2.2	2.4	3.5

SITES INCLUDED: Saunders (2022, 2023, 2024), Saunders IM (2023, 2024), and Lancaster (2024)

For details on cultural practices and plot management, consult individual site reports

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

² Protein corrected to 14% moisture content, 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 region.

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.