



UNIVERSITY of NEBRASKA
LINCOLN

Eastern Rainfed 2 Year Averages 2023-2024 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	65.0	58.6	12.8	28.5	12.2
WB4401	WestBred	63.8	58.4	12.0	27.1	11.4
Ruth	NuHorizon Genetics	60.7	58.0	12.6	30.7	13.7
AP Prolific	AgriPro	60.6	58.2	13.3	27.4	12.7
NE16562	UNL	59.3	57.4	12.4	29.4	13.9
WB4523	WestBred	58.1	56.3	11.8	23.5	14.3
Siege	NuHorizon Genetics	57.0	59.5	13.4	28.3	12.4
Wesley	Husker Genetics	54.2	54.9	13.5	27.8	12.6
WB4699	WestBred	50.7	55.5	11.6	25.6	16.8
Scout 66	Check	50.5	58.4	13.5	36.5	12.3
Turkey	Check	49.7	57.6	14.1	37.1	13.6
	Standard Error	5.1	0.8	0.3	0.8	0.6
	LSD³	8.5	1.3	0.5	1.4	1.0
	Mean⁴	63.3	57.5	12.3	30.7	13.3
	CV⁵	8.0	1.3	2.6	2.6	4.4

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

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

Do not reprint without permission. Contacts: [Amanda Easterly](#) or [Cody Creech](#)

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.