



UNIVERSITY of NEBRASKA
LINCOLN

Eastern Rainfed 3 Year Averages 2023, 2024, 2025 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	64.4	58.4	12.7	28.6	12.19
WB4401	WestBred	62.0	58.0	11.7	26.2	11.36
AP Prolific	AgriPro	61.2	57.9	12.9	27.0	12.75
Ruth	Nu Horizon Genetics	59.9	57.8	12.4	31.3	13.74
WB4523	WestBred	59.0	56.7	11.3	23.4	14.34
Siege	Nu Horizon Genetics	56.5	59.0	13.0	27.9	12.36
Wesley	NuHorizon Genetics	55.1	55.9	13.3	27.9	12.55
WB4699	WestBred	51.8	56.0	11.4	25.2	16.80
Scout 66	Check	51.0	58.1	13.2	37.6	12.25
Turkey	Check	49.5	57.6	13.8	38.3	13.59
Summary Statistics						
Standard Error		3.8	0.6	0.3	0.9	0.61
LSD ³		6.4	1.0	0.4	1.5	1.03
Mean ⁴		57.0	57.6	12.6	29.3	13.19
CV ⁵		6.7	1.1	2.0	3.1	4.6

FOR MANAGEMENT DETAILS, CONSULT INDIVIDUAL SITE REPORTS.

Lower yields reflect drought-prone years, especially in 2025.

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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. Turkey and Scout 66 excluded from protein LSD groups due to known high protein contents.

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 varieties in the regional data.

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 analysis across sites in the region and the results should be used with caution.