



UNIVERSITY of NEBRASKA
LINCOLN

Eastern Rainfed 2025 Winter Wheat Variety Trial Regional Averages

Name	Company	Yield (bu/ac) ¹	Protein (%) ²	Plant Height (in)
NE22342	UNL-Experimental	66.9	11.3	30.4
NE18435	UNL-Experimental	64.6	11.6	27.2
WB4422	WestBred	63.0	12.5	28.9
AP Prolific	AgriPro	62.6	12.1	25.8
WB4523	WestBred	61.3	10.4	23.1
WB4445CLP	WestBred	60.9	12.1	26.9
NEB145-12	UNL-Experimental	59.6	12.1	28.5
CP7017AX	Croplan	59.4	11.0	24.8
CP7462	Croplan	58.7	11.5	21.2
Ruth	Nu Horizon Genetics	57.8	12.1	32.7
WB4401	WestBred	57.6	11.1	23.8
Wesley	NuHorizon Genetics	57.3	13.0	28.2
Siege	Nu Horizon Genetics	55.4	12.1	26.6
WB4699	WestBred	54.6	10.9	24.3
Scout 66	Check	52.0	12.6	40.2
Turkey	Check	49.2	13.3	41.2
Summary Statistics				
Standard Error		3.6	0.4	1.3
LSD³		6.4	0.7	2.3
Mean⁴		58.8	11.8	28.4
CV⁵		6.2	3.2	4.6

SITE INFORMATION

Counties Included: Lancaster and Saunders. For management details, consult individual site reports. No significant differences detected between varieties across locations tested for test weight and kernel weight. Consult multi-year summaries and 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. 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.