



UNIVERSITY of NEBRASKA
LINCOLN

West Central 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)
AP Bigfoot	AgriPro	70.9	57.1	10.3	29.1	16.33
Canvas	PlainsGold	70.8	58.0	9.9	29.3	16.28
WB4422	WestBred	70.6	58.4	10.8	29.0	13.97
Rockstar	Polansky Seed, Inc.	70.5	56.6	10.5	28.1	14.77
KS Territory	Kansas Wheat Alliance	70.3	57.5	10.0	29.6	14.61
WB4595	WestBred	68.9	59.2	9.7	29.2	15.05
MS Maverick	Meridian Seeds	68.5	57.9	10.3	30.3	13.57
NE19619	UNL-Experimental	68.3	56.4	10.9	33.2	13.78
NHH19668	UNL-Experimental	68.3	57.4	10.1	29.4	14.53
WB4510CLP	WestBred	67.6	58.6	9.7	30.7	14.56
High Country	Polansky Seed, Inc.	67.5	57.6	10.0	27.9	16.52
NE18455	UNL-Experimental	67.3	56.3	10.2	29.8	16.45
CP7017AX	Croplan	66.9	57.7	9.7	27.8	15.15
Robidoux	Nu Horizon Genetics	65.6	56.3	10.1	30.5	15.51
NE17441	UNL-Experimental	65.0	57.5	10.6	30.9	14.55
LCS Atomic AX	Limagrain Cereal Seeds	64.6	57.0	10.3	28.0	13.74
Ruth	Nu Horizon Genetics	64.6	56.5	10.1	30.7	14.92
Wesley	NuHorizon Genetics	62.7	56.1	11.0	28.1	13.85
Turkey	Check	54.3	56.5	11.3	36.4	15.11
Scout 66	Check	53.9	57.0	10.9	35.7	13.66
Summary Statistics						
Standard Error		1.6	0.3	0.2	0.4	0.32
LSD ³		2.6	0.5	0.3	0.7	0.53
Mean		66.4	57.3	10.3	30.2	14.85
CV ⁴		2.4	0.5	1.6	1.4	2.2

FOR MANAGEMENT DETAILS, 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. 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 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.