



UNIVERSITY of NEBRASKA
LINCOLN

West Central Rainfed 3 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)
LCS Steel AX	Limagrain	73.9	56.8	11.0	31.0	17.4
High Country	Polansky Seed, Inc.	72.0	58.4	11.2	27.7	16.6
CP7266AX	Croplan	71.9	57.4	11.2	28.8	15.6
NE16562	UNL	71.5	57.3	11.7	28.7	16.0
AP Bigfoot	AgriPro	71.5	57.9	12.0	28.4	16.8
Rockstar	Polansky Seed, Inc.	71.0	57.7	12.4	27.8	14.7
WB4422	WestBred	70.3	58.8	12.1	28.6	14.5
NHH19668	UNL	70.1	58.2	11.8	28.5	14.4
MS Maverick	Meridian Seeds	69.8	58.8	11.9	29.2	13.5
WB4595	WestBred	69.1	60.3	11.3	28.9	14.7
NE Prism CLP	NuHorizon Genetics	68.3	58.7	12.1	29.5	16.5
CP7017AX	Croplan	67.8	58.5	11.1	27.6	15.3
LCS Atomic AX	Limagrain	67.5	57.8	11.4	27.5	13.6
Robidoux	NuHorizon Genetics	66.3	56.7	11.8	29.3	15.8
Ruth	NuHorizon Genetics	66.2	57.2	11.7	29.9	15.6
NE17441	UNL	66.0	58.5	11.9	29.6	14.3
WB4510CLP	WestBred	65.6	59.5	11.6	29.7	14.7
NW15443	UNL	64.9	57.0	11.5	30.7	13.5
Wesley	Husker Genetics	64.2	57.0	12.4	27.3	13.9
Scout 66	Check	56.7	58.8	12.1	34.5	13.5
Turkey	Check	55.0	57.6	12.7	35.3	15.2
	Standard Error	2.8	0.5	0.3	0.7	0.5
	LSD³	4.6	0.8	0.5	1.1	0.8
	Mean⁴	67.6	58.0	11.9	29.4	15.0
	CV⁵	4.1	0.8	2.4	2.3	3.4

SITES INCLUDED: Keith (2022, 2023), Lincoln (2022, 2024), Perkins (2022, 2023, 2024), and Red Willow (2023)

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.

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

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