



UNIVERSITY of NEBRASKA  
LINCOLN

## West Central Rainfed 2 Year Averages 2023-2024 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) <sup>1</sup>	Test Weight (lb/bu)	Protein (%) <sup>2</sup>	Plant Height (in)	Grain Weight (1000 seeds/lb)
WB4422	WestBred	<b>75.2</b>	58.8	10.8	29.1	14.0
AP Bigfoot	AgriPro	<b>74.9</b>	57.7	<b>11.0</b>	29.1	16.0
LCS Steel AX	Limagrain	<b>74.7</b>	56.0	9.7	31.9	17.2
NE16562	UNL	<b>74.4</b>	57.2	10.6	29.5	15.8
NE19619	UNL	<b>74.2</b>	57.1	<b>11.2</b>	33.4	13.7
NE18455	UNL	<b>74.0</b>	57.1	10.6	29.5	16.3
NHH19668	UNL	<b>73.6</b>	58.1	10.6	29.3	14.2
Canvas	PlainsGold	<b>73.2</b>	57.9	10.5	29.6	16.3
CP7266AX	Croplan	<b>73.1</b>	57.3	10.1	29.8	15.3
Rockstar	Polansky Seed, Inc.	<b>73.1</b>	57.1	<b>11.2</b>	27.8	14.4
MS Maverick	Meridian Seeds	<b>72.6</b>	58.5	10.7	29.9	13.0
WB4595	WestBred	<b>72.5</b>	<b>60.0</b>	10.2	29.4	15.1
KS Territory	Kansas Wheat Alliance	<b>72.2</b>	57.9	10.7	29.9	14.6
NE Prism CLP	NuHorizon Genetics	<b>72.0</b>	58.4	<b>11.0</b>	30.5	16.3
Ruth	NuHorizon Genetics	<b>71.9</b>	57.1	10.4	30.8	14.7
High Country	Polansky Seed, Inc.	<b>71.7</b>	58.1	10.4	28.0	16.2
NE17441	UNL	<b>71.3</b>	58.3	10.9	30.9	13.7
NW15443	UNL	<b>70.4</b>	56.8	10.3	32.2	12.8
WB4510CLP	WestBred	<b>69.8</b>	<b>59.2</b>	10.2	30.8	13.9
Wesley	Husker Genetics	68.9	57.0	<b>11.3</b>	28.5	13.3
CP7017AX	Croplan	68.4	58.2	10.0	28.2	15.1
Robidoux	NuHorizon Genetics	67.8	56.1	10.5	30.1	15.8
LCS Atomic AX	Limagrain	67.5	57.3	10.6	28.2	13.5
Scout 66	Check	58.4	58.5	<b>11.3</b>	36.2	13.0
Turkey	Check	57.6	57.9	<b>11.5</b>	36.8	14.4
	<b>Standard Error</b>	3.2	0.5	0.3	0.9	0.7
	<b>LSD<sup>3</sup></b>	5.4	0.9	0.5	1.5	1.1
	<b>Mean<sup>4</sup></b>	70.9	57.7	10.7	30.4	14.7
	<b>CV<sup>5</sup></b>	4.6	0.9	2.8	3.1	4.5

<sup>1</sup> Yield values corrected to 12% moisture content. Bolded values indicate highest LSD grouping.

<sup>2</sup> Protein corrected to 14% moisture content, the correction factor used in analytical standards.

<sup>3</sup> For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

<sup>4</sup> Mean performance of all entries in the region.

<sup>5</sup> 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.

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

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

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