



UNIVERSITY of NEBRASKA  
LINCOLN

## West Central Rainfed 2024 Winter Wheat Variety Trial Regional Averages

Name	Company	Yield (bu/ac) <sup>1</sup>	Test Weight (lb/bu)	Protein (%) <sup>2</sup>	Plant Height (in)	Grain Weight (1000 seeds/lb)
AP Sunbird	AgriPro	<b>76.3</b>	58.6	9.1	27.9	13.6
Golden Hawk	Polansky Seed, Inc.	<b>75.4</b>	55.8	10.5	29.1	14.4
WB4445CLP	WestBred	<b>74.3</b>	56.9	10.2	28.4	14.4
NE18445	UNL	<b>74.0</b>	57.2	10.7	29.3	14.6
NE16562	UNL	<b>73.8</b>	55.9	10.4	30.0	16.6
NE18455	UNL	<b>73.4</b>	56.6	10.6	29.4	16.0
Robidoux	NuHorizon Genetics	<b>73.0</b>	56.7	10.5	29.7	15.8
WB4595	WestBred	<b>72.9</b>	<b>59.7</b>	9.7	29.2	15.3
WB4422	WestBred	<b>72.4</b>	58.0	11.2	29.6	13.2
WB4347	WestBred	<b>72.1</b>	<b>59.8</b>	10.4	29.4	13.5
Rockstar	Polansky Seed, Inc.	<b>72.1</b>	55.6	11.0	28.0	16.1
NE19412	UNL	<b>71.8</b>	56.6	9.9	30.1	14.6
AP 24AX	AgriPro	<b>71.5</b>	55.2	10.0	29.7	13.9
Crescent AX	PlainsGold	<b>71.3</b>	57.3	9.6	27.4	12.1
CO18D297R	PlainsGold	<b>71.1</b>	56.0	9.9	29.2	18.2
NHH19668	UNL	<b>70.8</b>	57.6	10.7	29.4	14.0
AP Roadrunner	AgriPro	<b>70.5</b>	56.6	10.2	31.1	16.4
NE18435	UNL	<b>70.3</b>	58.0	10.1	28.1	16.4
AP Bigfoot	AgriPro	<b>69.9</b>	56.3	10.4	28.8	15.8
LCS Atomic AX	Limagrain	<b>69.5</b>	57.0	10.5	28.3	12.7
NEB145-12	UNL	<b>69.4</b>	57.3	10.0	31.7	14.1
Canvas	PlainsGold	<b>69.4</b>	57.5	10.4	29.1	15.8
NE Prism CLP	NuHorizon Genetics	69.0	57.3	10.9	31.2	17.5
KS Territory	Kansas Wheat Alliance	69.0	56.8	10.7	29.7	16.0
LCS Radar	Limagrain	68.9	56.5	11.1	28.0	16.6
Wesley	Husker Genetics	68.9	56.3	<b>11.5</b>	28.4	13.8
CP7266AX	Croplan	68.4	56.3	9.6	29.3	15.8
NE17441	UNL	68.2	57.3	10.5	30.8	14.4
NE19619	UNL	67.9	56.4	<b>11.5</b>	32.7	15.0
MS Maverick	Meridian Seeds	67.8	57.7	10.4	30.1	13.0
NHH19651	UNL	67.1	57.7	11.1	32.2	16.2
LCS Steel AX	Limagrain	67.1	56.3	10.0	30.7	17.0

<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.

<b>WB4510CLP</b>	WestBred	66.2	<b>58.9</b>	9.8	29.1	14.5
<b>AR Iron Eagle 22AX</b>	Armor	66.1	57.9	8.8	27.3	14.7
<b>AR Iron Eagle 33AX</b>	Armor	66.0	56.3	9.9	29.7	14.0
<b>High Country</b>	Polansky Seed, Inc.	65.0	57.1	10.0	28.3	16.5
<b>Ruth</b>	NuHorizon Genetics	64.9	56.2	10.2	29.9	14.7
<b>CP7017AX</b>	Croplan	64.7	57.8	9.5	27.1	15.0
<b>NW15443</b>	UNL	63.9	56.1	10.0	31.2	13.7
<b>CP7220</b>	Croplan	62.9	57.7	10.5	29.8	12.1
<b>WB4792</b>	WestBred	61.7	58.5	10.0	30.0	13.1
<b>NE19455</b>	UNL	61.0	55.7	<b>12.1</b>	31.2	15.0
<b>NE17544</b>	UNL	60.6	57.0	10.8	30.3	13.5
<b>Scout 66</b>	Check	56.2	58.2	10.9	34.1	13.2
<b>Turkey</b>	Check	52.9	56.5	<b>11.6</b>	34.1	15.4
	<b>Standard Error</b>	4.2	0.6	0.5	1.7	1.5
	<b>LSD<sup>3</sup></b>	7.1	1.1	0.8	2.9	2.5
	<b>Mean<sup>4</sup></b>	68.4	57.1	10.4	29.7	14.8
	<b>CV<sup>5</sup></b>	6.2	1.1	4.6	5.8	10.2

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SITES INCLUDED: Lincoln and Perkins Counties

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

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<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.