



UNIVERSITY of NEBRASKA  
LINCOLN

## Panhandle Rainfed 2 Year Averages 2024, 2025 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)
Whistler	PlainsGold	<b>68.7</b>	56.1	9.5	29.7	17.28
Canvas	PlainsGold	63.7	<b>57.7</b>	9.9	27.3	18.18
LCS Atomic AX	Limagrain Cereal Seeds	61.6	<b>57.2</b>	9.9	28.5	15.34
Crescent AX	PlainsGold	61.2	56.7	9.7	29.5	15.32
Robidoux	Nu Horizon Genetics	60.9	56.3	10.3	28.9	17.48
AP Solid	AgriPro	60.3	<b>57.4</b>	10.2	27.1	16.77
AP Sunbird	AgriPro	59.7	<b>57.2</b>	9.8	27.8	15.37
CP7017AX	Croplan	59.4	<b>57.5</b>	10.0	27.5	17.46
WB4347	WestBred	59.3	<b>57.2</b>	10.2	28.2	16.79
WB4422	WestBred	59.2	56.6	10.7	28.8	16.29
Amplify SF	PlainsGold	58.9	56.2	10.3	26.8	17.42
WB4595	WestBred	58.4	<b>57.9</b>	9.9	28.7	17.62
NHH19651	UNL-Experimental	57.9	<b>56.9</b>	10.5	30.8	16.78
AR Iron Eagle 22AX	Armor	57.5	<b>57.5</b>	10.0	27.0	17.16
NHH19668	UNL-Experimental	56.9	56.8	10.3	28.9	16.45
MS Maverick	Meridian Seeds	56.8	56.0	10.3	28.2	17.05
WB4510CLP	WestBred	56.8	<b>58.0</b>	10.0	29.1	16.87
NE18435	UNL-Experimental	56.7	56.7	10.4	27.8	17.02
WB4445CLP	WestBred	56.6	56.0	11.0	28.1	17.46
Ruth	Nu Horizon Genetics	56.4	56.4	10.7	29.3	16.81
Settler CL	Nu Horizon Genetics	56.1	56.4	10.1	28.6	17.16
LCS Steel AX	Limagrain Cereal Seeds	56.0	55.1	10.1	30.1	19.31
NE18455	UNL-Experimental	55.7	55.9	10.3	28.1	18.71
NSF22115	UNL-Experimental	55.4	56.4	10.8	28.2	17.90
NE19455	UNL-Experimental	55.2	54.9	<b>11.7</b>	29.2	17.29
Pronghorn	Nu Horizon Genetics	54.8	<b>57.8</b>	10.9	31.4	17.11
NE19619	UNL-Experimental	54.2	55.3	11.0	30.0	16.88
WB4444	WestBred	54.2	54.4	<b>11.7</b>	28.4	18.51
Wesley	NuHorizon Genetics	51.8	54.8	<b>11.4</b>	26.7	16.93
NE Prism CLP	Nu Horizon Genetics	50.8	56.3	11.0	28.5	19.29
WB4733CLP	WestBred	50.6	54.8	<b>11.4</b>	25.8	19.64
Scout 66	Check	46.4	56.3	11.0	32.1	16.34
Turkey	Check	46.2	56.2	11.6	34.4	17.37

<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. Turkey and Scout 66 excluded from protein LSD groups due to known high protein contents.

Name	Company	Yield (bu/ac)	Test Weight (lb/bu)	Protein (%)	Plant Height (in)	Grain Weight (1000 seeds/lb)
Summary Statistics						
Standard Error		2.4	0.6	0.3	0.8	0.79
LSD <sup>3</sup>		4.0	1.1	0.4	1.3	1.30
Mean <sup>4</sup>		56.8	56.5	10.5	28.8	17.25
CV <sup>5</sup>		4.3	1.1	2.6	2.7	4.6

**FOR MANAGEMENT DETAILS, 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 varieties in the regional data.

<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 analysis across sites in the region and the results should be used with caution.