



UNIVERSITY of NEBRASKA  
LINCOLN

## 2 Year Averages—Panhandle Region 2022 and 2023 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) <sup>1</sup>	Test Weight (lb/bu)	Protein (%) <sup>2</sup>	Plant Height (in)	Seed Weight (1000 seeds/lb)
LCS Steel AX	Limagrain	<b>60.4</b>	56.3	13.2	28.7	21.4
WB4595	WestBred	<b>59.5</b>	<b>58.8</b>	13.4	27.5	19.1
Whistler	PlainsGold	<b>58.6</b>	55.8	14.0	29.3	19.1
NE17544	UNL-Experimental	<b>56.9</b>	57.4	14.2	28.9	18.4
MS Maverick	Meridian Seeds	<b>56.6</b>	57.3	14.5	27.4	17.1
NE17441	UNL-Experimental	55.5	57.3	14.3	27.6	18.8
NE16562	UNL-Experimental	55.0	55.7	<b>14.6</b>	27.6	19.2
NE19619	UNL-Experimental	55.0	56.0	<b>14.6</b>	30.0	17.2
WB4483	WestBred	54.9	55.1	<b>14.6</b>	27.3	23.4
WB4422	WestBred	54.7	57.8	14.5	26.7	18.3
Amplify SF	PlainsGold	54.6	57.0	13.9	27.0	18.5
WB4792	WestBred	54.5	57.2	13.5	27.6	19.6
AP Solid	AgriPro	54.0	57.8	14.4	25.8	19.0
CP7017AX	CROPLAN	53.9	57.4	13.5	25.7	19.1
Settler CL	NuPride Genetics	53.8	57.2	14.1	26.9	18.0
Crescent AX	PlainsGold	53.8	57.6	13.8	27.8	16.8
AP 18AX	AgriPro	53.6	55.8	13.6	27.0	18.7
WB4510CLP	WestBred	52.8	<b>58.1</b>	14.0	28.1	18.8
Langin	PlainsGold	52.7	55.7	13.7	26.0	18.3
CP7266AX	CROPLAN	52.5	56.7	14.0	27.6	19.0
Ruth	Husker Genetics	52.2	56.5	14.4	27.6	19.3
NE18455	UNL-Experimental	52.1	55.2	14.1	26.9	21.4
WB4418	WestBred	51.9	54.9	14.5	25.3	21.4
AP Bigfoot	AgriPro	51.8	56.1	14.2	26.1	19.8
SY Wolverine	AgriPro	51.5	55.9	<b>14.6</b>	25.6	18.4
NW15443	UNL-Experimental	51.4	55.4	14.1	28.6	16.3
Robidoux	Husker Genetics	51.0	55.4	14.4	27.9	19.8
Wesley	Husker Genetics	50.9	55.6	<b>14.7</b>	25.6	17.1
NHH17612	UNL-Experimental	50.5	57.4	14.5	27.3	19.9
NHH17450	UNL-Experimental	50.1	56.5	14.2	28.7	19.7
Fortify SF	PlainsGold	49.8	56.5	13.6	27.3	20.7
Freeman	Husker Genetics	49.6	55.1	14.3	26.9	18.6
NHH19668	UNL-Experimental	49.4	56.0	14.5	26.4	19.1

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

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

<b>Pronghorn</b>	Husker Genetics	49.2	57.7	<b>14.7</b>	31.5	18.1
<b>SY Legend CL2</b>	AgriPro	46.8	56.6	<b>14.6</b>	26.0	18.4
<b>LCS Atomic AX</b>	Limagrain	46.5	55.7	14.1	25.6	17.5
<b>Turkey</b>	Check	46.1	56.4	<b>15.1</b>	34.2	18.7
<b>CP7050AX</b>	CROPLAN	46.0	56.8	<b>14.8</b>	26.6	19.2
<b>LCS Valiant</b>	Limagrain	45.0	55.2	<b>14.7</b>	25.6	19.2
<b>Scout 66</b>	Check	44.4	56.5	<b>15.0</b>	32.8	17.4
	<b>Standard Error</b>	2.4	0.5	0.3	0.6	0.7
	<b>LSD<sup>3</sup></b>	4.0	0.8	0.5	1.0	1.1
	<b>Mean<sup>4</sup></b>	52.2	56.5	14.2	27.6	18.9
	<b>CV<sup>5</sup></b>	4.7	0.9	2.0	2.3	3.6

**SITES INCLUDED:**

Banner (2022, 2023), Box Butte (2023), Cheyenne (2022, 2023), Cheyenne with Intensive Management (2022, 2023), Deuel (2023), Kimball (2022, 2023)

Do not reprint without permission. Contacts: [Amanda Easterly](#) or [Cody Creech](#)

<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 trial.

<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.