



UNIVERSITY of NEBRASKA  
LINCOLN

## Panhandle Regional Averages 2022 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) <sup>1</sup>	Test Weight (lb/bu)	Plant Height (in)	Seed Weight (1000 seeds/lb) <sup>2</sup>
WB4595	WestBred	<b>41.3</b>	<b>59.1</b>	25.6	20.8
Whistler	PlainsGold	<b>41.0</b>	55.5	26.6	22.4
LCS Steel AX	Limagrain Cereal Seeds	<b>40.6</b>	55.6	25.3	25.6
WB4483	WestBred	<b>39.2</b>	54.7	24.0	28.3
WB4792	WestBred	<b>38.2</b>	57.7	25.6	22.9
AP Solid	AgriPro	<b>38.1</b>	<b>58.4</b>	24.0	22.4
LCS Helix AX	Limagrain Cereal Seeds	<b>36.5</b>	<b>58.5</b>	24.0	19.5
Fortify SF	PlainsGold	<b>36.3</b>	57.4	25.1	23.5
AP 18AX	AgriPro	<b>36.2</b>	56.5	25.7	21.3
Robidoux	Husker Genetics	36.0	56.7	25.8	21.3
Langin	PlainsGold	35.7	57.0	24.7	18.0
CPX72166AX	CROPLAN	35.3	57.1	24.8	21.2
CP7017AX	CROPLAN	34.9	57.5	23.7	21.2
Spur	AgriPro	34.9	53.7	25.0	22.7
WB4309	WestBred	34.9	57.0	24.3	22.8
LCS Runner	Limagrain Cereal Seeds	34.9	57.2	24.3	23.9
AP Roadrunner	AgriPro	34.6	54.7	24.4	23.3
NE19619	UNL-Experimental	34.4	55.3	25.4	21.1
WB4422	WestBred	34.4	57.5	25.0	20.7
Goodstreak	Husker Genetics	34.3	57.4	29.4	21.7
NE17544	UNL-Experimental	34.2	57.0	25.8	22.6
MS Maverick	Meridian Seeds	34.1	56.7	24.5	19.6
SY Wolverine	AgriPro	34.0	56.3	23.7	20.0
Epoch	NuHorizon	34.0	55.2	23.4	23.0
NE17441	UNL-Experimental	34.0	56.9	24.8	22.2
LCS Photon AX	Limagrain Cereal Seeds	33.9	<b>58.5</b>	26.0	21.1
NE16562	UNL-Experimental	33.9	55.2	26.0	21.2
KS Hamilton	Kansas Wheat Alliance	33.7	57.2	24.8	20.2
WB4418	WestBred	33.5	55.3	24.2	25.1
Crescent AX	PlainsGold	33.1	57.8	26.2	18.0
WB4510CLP	WestBred	33.1	57.4	25.2	22.0
MS Iceman	Meridian Seeds	32.9	57.0	24.6	21.9
NHH17612	UNL-Experimental	32.7	57.7	24.8	20.8
NE18573	UNL-Experimental	32.3	56.2	25.8	21.0
Pronghorn	Husker Genetics	32.2	57.8	27.1	20.8

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

<sup>2</sup> Seed Weight data calculated from Banner, Cheyenne, and Cheyenne IM locations only (not Kimball).

Name	Company	Yield (bu/ac)	Test Weight (lb/bu)	Plant Height (in)	Seed Weight (1000 seeds/lb)
NHH17450	UNL-Experimental	31.6	56.9	26.4	21.4
NI17410	UNL-Experimental	31.6	56.7	24.0	21.3
WB4462	WestBred	31.5	56.6	27.9	16.4
Amplify SF	PlainsGold	31.4	56.7	23.8	20.4
CP7869	CROPLAN	30.8	55.9	22.3	17.9
NE19590	UNL-Experimental	30.7	56.1	24.4	21.1
AP Bigfoot	AgriPro	30.4	56.0	24.0	20.8
Settler CL	Husker Genetics	30.2	56.0	24.2	22.2
CP7050AX	CROPLAN	29.9	57.6	25.5	19.1
LCS Valiant	Limagrain Cereal Seeds	29.8	56.6	24.9	21.3
LCS Link	Limagrain Cereal Seeds	29.6	55.6	23.7	22.1
NHH19668	UNL-Experimental	29.5	54.6	23.2	22.4
SY Legend	AgriPro	29.5	56.6	24.2	20.9
Ruth	Husker Genetics	29.4	56.6	25.4	21.8
NW15443	UNL-Experimental	29.4	53.6	25.3	19.3
Turkey	Check	29.3	56.0	28.9	22.5
LCS Atomic AX	Limagrain Cereal Seeds	27.0	55.9	23.4	17.5
Freeman	Husker Genetics	26.7	54.9	24.4	21.3
Scout 66	Check	26.2	57.1	28.6	19.7
Wesley	Husker Genetics	25.8	55.6	22.9	19.5
	<b>Standard Error</b>	3.1	0.6	0.7	1.2
	<b>LSD<sup>3</sup></b>	5.1	1.1	1.2	2.0
	<b>Overall Average</b>	33.2	56.5	25.0	21.3

**SITES INCLUDED:** Banner, Cheyenne, Cheyenne (with Intensive Management), and Kimball Counties

**NOTES:** Because of the environmental stresses this year, **we strongly recommend** using multi-year and multi-location averages when making variety decisions. Protein data not included due to lack of variety differences in combined analysis. Overall average protein for the Panhandle in 2022 was 16.7 %. Trials in the Panhandle had drought stress, freeze damage at heading, and heat stress during flowering as well as heavy sawfly pressure. Yields from small plots can under stressed conditions be somewhat higher than surrounding fields due to availability of more water/resources in the areas between plots, but the relative differences are still accurate. Trials at Box Butte and Deuel Counties were lost to hail.

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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%.