



UNIVERSITY of NEBRASKA
LINCOLN

Panhandle Rainfed 2024 Winter Wheat Variety Trial Regional Averages

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Grain Weight (1000 seeds/lb)
AP 24AX	AgriPro	71.1	54.7	9.3	33.1	17.2
Whistler	PlainsGold	71.0	54.4	9.0	31.1	18.2
Steamboat	Crop Research Foundation of Wyoming, Inc.	70.1	57.0	9.0	32.2	16.1
LCS Atomic AX	Limagrain	69.9	56.4	8.7	31.0	15.1
AP Sunbird	AgriPro	69.6	57.0	8.7	30.1	15.5
Canvas	PlainsGold	68.6	57.0	9.3	29.1	17.8
CP7017AX	Croplan	68.2	56.8	9.2	29.9	17.2
LCS Helix AX	Limagrain	68.0	56.2	9.1	29.5	16.2
AP Roadrunner	AgriPro	68.0	55.2	9.4	31.2	17.9
WB4422	WestBred	67.9	56.4	9.6	30.9	17.1
Kivari AX	PlainsGold	67.3	54.9	8.7	29.8	17.3
Robidoux	NuHorizon Genetics	67.3	55.6	9.7	30.7	17.9
WB4445CLP	WestBred	67.1	56.3	10.3	30.4	16.3
CO18042RA	PlainsGold	66.7	54.9	8.9	29.8	19.5
MS Maverick	Meridian Seeds	66.7	56.1	9.3	30.6	16.7
NE16562	UNL	66.6	55.1	10.2	30.7	17.7
WB4347	WestBred	66.2	57.3	9.3	31.4	15.1
AR Iron Eagle 22AX	Armor	66.2	56.9	9.1	28.9	17.1
Crescent AX	PlainsGold	65.7	56.1	8.8	31.4	15.9
NE18435	UNL	65.7	56.0	9.3	30.0	17.4
Amplify SF	PlainsGold	65.6	56.4	9.4	30.9	16.6
NI17410	UNL	65.5	56.0	9.9	32.1	16.9
LCS Julep	Limagrain	65.0	56.8	9.7	31.3	15.9
SY Legend CL2	AgriPro	65.0	55.3	9.7	29.8	17.4
WB4595	WestBred	64.8	57.0	9.3	30.6	16.7
NE19412	UNL	64.8	55.2	9.9	32.5	16.4
NHH19668	UNL	64.7	56.5	9.7	31.7	15.7
AP Solid	AgriPro	64.6	56.7	9.8	29.4	17.4
Settler CL	NuHorizon Genetics	64.1	55.8	9.4	31.2	16.1
NE18455	UNL	63.9	55.6	9.6	30.6	18.9
NHH19651	UNL	63.7	55.9	10.2	33.9	16.5

¹ Yield values corrected to 12% moisture content. Bolded values indicate highest LSD grouping.

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

Ruth	NuHorizon Genetics	63.5	55.7	10.1	31.5	17.2
WB4510CLP	WestBred	63.5	57.1	9.3	31.0	16.8
NE17441	UNL	63.3	55.2	9.8	31.9	16.9
AP Bigfoot	AgriPro	63.1	56.2	9.9	29.4	17.7
NEB145-12	UNL	63.0	56.0	9.6	32.7	15.9
NE19454	UNL	62.7	55.1	10.0	32.3	18.4
LCS Steel AX	Limagrain	62.6	55.4	9.5	32.3	18.1
NE17544	UNL	62.5	55.4	9.8	32.3	17.2
AR Iron Eagle 33AX	Armor	62.4	55.9	9.4	31.0	17.3
CP7266AX	Croplan	62.3	55.7	9.6	30.5	17.0
NE19590	UNL	61.9	55.4	9.3	32.1	17.8
NW15443	UNL	61.1	55.2	9.8	31.9	15.5
NE19619	UNL	60.7	55.0	10.3	32.9	17.3
Pronghorn	NuHorizon Genetics	60.4	57.3	10.4	35.8	16.9
WB4444	WestBred	60.2	54.9	10.8	30.3	18.0
NE Prism CLP	NuHorizon Genetics	60.1	55.9	10.4	31.1	19.8
LCS Radar	Limagrain	59.5	54.6	10.6	28.4	18.2
NSF22115	UNL	59.2	55.8	10.3	29.6	17.5
WB4792	WestBred	59.2	56.0	9.1	30.4	17.3
Wesley	Husker Genetics	59.1	54.4	10.3	29.5	17.3
NSF22113	UNL	58.5	55.8	10.4	32.2	16.9
Windom SF	PlainsGold	58.0	55.9	9.7	28.8	16.4
NE19455	UNL	57.2	54.6	11.2	31.0	17.0
CP7220	Croplan	57.0	55.7	10.2	29.2	14.9
WB4733CLP	WestBred	56.1	54.8	10.9	27.5	19.1
NSF22102	UNL	55.3	55.5	9.7	31.9	16.9
WB4483	WestBred	54.6	53.1	10.6	28.3	19.9
Scout 66	Check	49.8	56.3	10.0	36.4	15.8
Turkey	Check	48.4	55.8	11.0	36.7	17.7
	Standard Error	2.9	0.5	0.3	0.9	0.7
	LSD³	4.7	0.9	0.5	1.4	1.2
	Mean⁴	63.2	55.7	9.7	31.1	17.1
	CV⁵	4.5	1.0	3.4	2.8	4.1

SITES INCLUDED: Banner, Box Butte, Cheyenne, Deuel, and Kimball

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

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

⁴ Mean performance of all entries in the region.

⁵ 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.