



UNIVERSITY of NEBRASKA
LINCOLN

Panhandle Rainfed 3 Year Averages 2022-2024 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Grain Weight (1000 seeds/lb)
Whistler	PlainsGold	62.9	55.3	12.3	29.9	18.8
WB4595	WestBred	61.4	58.2	12.1	28.5	18.3
LCS Steel AX	Limagrain	61.2	56.0	12.0	29.9	20.3
MS Maverick	Meridian Seeds	60.1	56.9	12.7	28.5	16.9
WB4422	WestBred	59.2	57.3	12.9	28.0	17.9
NE16562	UNL	59.0	55.5	13.1	28.6	18.7
NE17544	UNL	58.9	56.7	12.7	30.0	18.0
CP7017AX	Croplan	58.8	57.2	12.1	27.1	18.5
Amplify SF	PlainsGold	58.4	56.8	12.4	28.3	17.8
NE17441	UNL	58.2	56.6	12.8	29.0	18.2
Crescent AX	PlainsGold	57.9	57.1	12.1	29.0	16.5
AP Solid	AgriPro	57.7	57.4	12.9	27.0	18.5
Settler CL	NuHorizon Genetics	57.4	56.7	12.5	28.3	17.3
NE19619	UNL	57.0	55.7	13.2	30.9	17.2
Robidoux	NuHorizon Genetics	56.5	55.5	12.8	28.8	19.2
WB4510CLP	WestBred	56.5	57.8	12.4	29.1	18.2
WB4792	WestBred	56.2	56.8	12.0	28.6	18.8
Ruth	NuHorizon Genetics	56.2	56.3	12.9	28.9	18.6
CP7266AX	Croplan	55.9	56.4	12.6	28.5	18.4
AP Bigfoot	AgriPro	55.7	56.1	12.8	27.2	19.1
WB4483	WestBred	54.9	54.4	13.3	27.6	22.3
NW15443	UNL	54.8	55.4	12.7	29.7	16.0
NHH19668	UNL	54.6	56.2	12.9	28.1	18.0
LCS Atomic AX	Limagrain	54.4	55.9	12.3	27.3	16.7
NE Prism CLP	NuHorizon Genetics	53.9	56.9	13.1	28.6	19.8
Wesley	Husker Genetics	53.8	55.2	13.2	26.9	17.1
SY Legend CL2	AgriPro	53.2	56.0	12.9	27.0	18.2
Pronghorn	NuHorizon Genetics	53.1	57.6	13.3	32.9	17.7
Turkey	Check	47.0	56.2	13.8	35.0	18.4
Scout 66	Check	46.3	56.4	13.3	34.0	16.9

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.

	Standard Error	2.1	0.4	0.2	0.5	0.6
	LSD³	3.5	0.7	0.4	0.9	0.9
	Mean⁴	58.6	56.4	12.1	29.4	17.7
	CV⁵	3.6	0.7	1.9	1.8	3.1

SITES INCLUDED: Banner (2022, 2023, 2024), Box Butte (2023, 2024), Cheyenne (2022, 2023, 2024, including IM sites in 2022 and 2023), Deuel (2023, 2024), Kimball (2022, 2023, 2024)

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.