



UNIVERSITY of NEBRASKA
LINCOLN

3 Year Averages—Panhandle Region 2021-2023 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Seed Weight (1000 seeds/lb)
Whistler	PlainsGold	65.4	56.9	13.1	31.2	18.3
WB4595	WestBred	63.4	59.9	12.9	29.4	18.5
MS Maverick	Meridian Seeds	62.2	58.4	13.6	29.6	17.0
NE17441	UNL-Experimental	61.9	57.8	13.5	29.5	18.2
AP 18AX	AgriPro	61.4	57.0	12.9	29.6	17.7
WB4792	WestBred	61.2	58.4	12.8	30.0	18.8
Crescent AX	PlainsGold	60.7	58.5	13.0	30.0	16.6
NE17544	UNL-Experimental	60.6	58.0	13.6	31.7	17.7
CP7017AX	CROPLAN	60.2	58.0	12.9	28.0	18.9
AP Solid	AgriPro	60.1	59.0	13.8	28.0	18.2
NE16562	UNL-Experimental	59.9	56.2	13.8	30.2	18.5
SY Wolverine	AgriPro	59.5	57.3	13.7	27.7	18.0
AP Bigfoot	AgriPro	59.5	57.3	13.5	28.7	19.6
Ruth	Husker Genetics	59.2	57.7	13.7	30.0	18.3
WB4418	WestBred	59.0	56.2	13.7	28.1	20.5
Settler CL	NuPride Genetics	58.6	57.9	13.4	29.3	17.3
Fortify SF	PlainsGold	57.5	57.7	13.0	29.7	20.1
WB4483	WestBred	56.9	56.5	13.8	29.3	22.3
Robidoux	Husker Genetics	56.7	56.6	13.7	29.9	19.0
Wesley	Husker Genetics	56.6	56.7	14.0	28.0	16.8
LCS Atomic AX	Limagrain	56.3	57.0	13.2	28.0	17.0
NHH17450	UNL-Experimental	55.7	57.5	13.6	31.0	19.1
NHH17612	UNL-Experimental	55.6	58.3	13.9	29.5	19.5
Freeman	Husker Genetics	55.5	55.8	13.6	29.2	18.0
SY Legend CL2	AgriPro	54.2	57.6	13.9	28.0	17.8
CP7050AX	CROPLAN	53.9	58.2	14.0	29.5	18.6
Pronghorn	Husker Genetics	53.5	58.7	14.0	34.4	17.6
LCS Valiant	Limagrain	52.6	56.6	13.9	28.3	18.7
Turkey	Check	48.6	57.4	14.4	36.9	18.5
Scout 66	Check	48.2	57.6	14.3	35.8	17.0

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

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

	Standard Error	2.1	0.4	0.2	0.5	0.5
	LSD³	3.4	0.6	0.3	0.9	0.9
	Mean⁴	57.8	57.6	13.6	30.0	18.4
	CV⁵	3.5	0.7	1.5	1.8	2.9

SITES INCLUDED:

Banner (2021, 2022, 2023), Box Butte (2021, 2023), Cheyenne (2021, 2022, 2023), Cheyenne with Intensive Management (2022, 2023), Deuel (2021, 2023), Kimball (2021, 2022, 2023)

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

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 trial.

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.