Panhandle Rainfed 2 Year Averages
2023-2024 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	**73.9**	55.2	10.3	31.6	17.0
Steamboat	Crop Research Foundation of Wyoming, Inc.	**73.6**	**57.3**	9.9	31.6	15.7
MS Maverick	Meridian Seeds	**72.7**	56.9	10.7	30.3	15.5
Kivari AX	PlainsGold	**72.1**	55.3	9.7	30.0	16.9
WB4595	WestBred	**71.8**	**57.9**	10.2	30.1	17.0
LCS Steel AX	Limagrain	**71.8**	56.1	10.0	32.0	18.2
WB4422	WestBred	**71.3**	**57.3**	10.9	29.6	16.5
Amplify SF	PlainsGold	**71.3**	56.8	10.4	30.4	16.5
NE16562	UNL	**71.3**	55.6	11.1	30.0	17.3
NE17544	UNL	**71.0**	56.6	10.7	32.0	16.0
CP7017AX	Croplan	**70.5**	57.1	10.2	28.8	17.1
Settler CL	NuHorizon Genetics	**70.3**	57.0	10.5	30.3	15.3
NE17441	UNL	**70.1**	56.5	10.9	31.0	16.4
Crescent AX	PlainsGold	**70.0**	56.8	10.2	30.5	15.4
Canvas	PlainsGold	69.4	56.6	10.5	28.9	18.3
Ruth	NuHorizon Genetics	69.0	56.1	10.9	30.6	17.0
NE19619	UNL	68.3	55.8	11.3	33.4	15.4
WB4510CLP	WestBred	68.1	**57.8**	10.5	31.0	16.4
AP Bigfoot	AgriPro	68.0	56.2	10.9	28.9	18.0
AP Solid	AgriPro	67.9	57.0	11.0	28.6	16.7
NE18455	UNL	67.7	55.3	10.7	29.9	19.0
LCS Atomic AX	Limagrain	67.4	55.9	10.3	29.2	15.9
LCS Julep	Limagrain	67.2	**57.2**	11.1	30.1	15.2
Robidoux	NuHorizon Genetics	67.1	55.0	10.8	30.3	17.9
NW15443	UNL	67.1	56.0	10.7	31.8	14.4
Wesley	Husker Genetics	67.1	55.1	11.3	28.8	15.8
NHH19668	UNL	66.8	56.7	10.8	30.4	16.1
CP7266AX	Croplan	66.5	56.1	10.7	30.3	16.9
WB4792	WestBred	65.9	56.5	10.2	30.1	17.0
SY Legend CL2	AgriPro	64.6	55.9	11.0	28.9	16.6
NE Prism CLP	NuHorizon Genetics	64.6	56.6	11.3	30.4	18.9
Pronghorn	NuHorizon Genetics	63.8	**57.5**	11.4	35.4	16.1

[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.

WB4483	WestBred	63.8	54.3	11.2	29.4	19.9
WB4733CLP	WestBred	62.0	55.2	11.5	27.6	18.8
Scout 66	Check	56.8	56.1	11.5	36.4	15.4
Turkey	Check	56.5	56.2	**12.0**	37.7	16.5
	Standard Error	2.4	0.4	0.2	0.6	0.5
	LSD[3]	4.0	0.7	0.4	1.0	0.8
	Mean[4]	68.0	56.4	10.8	30.7	16.7
	CV[5]	3.6	0.8	2.1	1.9	2.9

SITES INCLUDED: Banner (2023, 2024), Box Butte (2023, 2024), Cheyenne (2023, 2024, including IM site in 2023), Deuel (2023, 2024), Kimball (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.