Irrigated 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)
LCS Steel AX	Limagrain	**101.3**	**57.7**	9.0	34.7	14.2
WB4422	WestBred	**96.1**	**58.8**	10.5	32.9	13.4
NE18435	UNL	**96.0**	**57.8**	9.3	32.0	13.5
WB4699	WestBred	**93.3**	55.7	9.0	32.4	16.4
CP7017AX	Croplan	**93.2**	**57.7**	9.4	30.6	13.9
Canvas	PlainsGold	**92.6**	**57.7**	9.6	31.9	15.0
Wesley	Husker Genetics	91.0	56.7	10.6	31.2	12.7
WB4523	WestBred	91.0	55.0	9.0	29.5	15.4
LCS Atomic AX	Limagrain	88.4	**57.2**	10.0	31.9	12.6
NE19454	UNL	88.2	**58.0**	10.1	32.5	14.1
NE17441	UNL	88.0	**57.5**	10.3	34.2	13.4
SY Wolverine	AgriPro	87.9	55.4	10.1	29.7	13.8
NE Prism CLP	NuHorizon Genetics	87.7	**57.8**	10.2	34.0	14.4
Crescent AX	PlainsGold	86.9	56.5	9.7	33.8	13.6
WB4303	WestBred	85.8	54.2	9.8	30.1	13.0
Epoch	NuHorizon Genetics	85.6	56.8	10.0	32.0	14.4
NI17410	UNL	85.5	56.8	10.3	33.1	13.7
CP7266AX	Croplan	85.3	56.5	9.9	32.9	14.3
Scout 66	Check	73.5	**57.7**	**11.2**	43.4	12.5
Turkey	Check	72.1	**57.4**	**11.7**	44.2	14.2
	Standard Error	5.8	1.0	0.3	1.1	0.6
	LSD[3]	9.8	1.7	0.5	1.9	1.1
	Mean[4]	86.8	56.2	10.9	33.3	13.9
	CV[5]	6.7	1.8	2.7	3.4	4.6

SITES INCLUDED: Perkins (2023) and Box Butte (2023, 2024)
For details on cultural practices and plot management, consult individual site reports

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[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.

[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.

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