



UNIVERSITY of NEBRASKA  
LINCOLN

## Irrigated 3 Year Averages 2023, 2024, 2025 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) <sup>1</sup>	Test Weight (lb/bu)	Protein (%) <sup>2</sup>	Plant Height (in)	Grain Weight (1000 seeds/lb)
LCS Steel AX	Limagrain Cereal Seeds	<b>100.5</b>	57.9	9.5	36.4	14.96
NE18435	UNL-Experimental	<b>97.1</b>	<b>58.4</b>	9.5	33.2	14.00
WB4699	WestBred	<b>96.7</b>	56.2	9.2	32.9	16.75
WB4422	WestBred	<b>96.5</b>	<b>59.3</b>	10.4	34.2	13.92
CP7017AX	Croplan	<b>96.1</b>	<b>58.5</b>	9.4	32.1	15.03
Canvas	PlainsGold	<b>95.2</b>	58.0	9.7	33.2	15.08
WB4523	WestBred	<b>94.1</b>	55.8	9.3	31.0	16.97
WB4303	WestBred	93.8	54.9	10.1	31.4	13.79
Wesley	NuHorizon Genetics	92.7	56.8	<b>11.1</b>	33.0	13.36
NE17441	UNL-Experimental	91.4	58.0	10.3	36.1	13.90
Epoch	Nu Horizon Genetics	89.3	57.1	10.2	33.1	14.58
Scout 66	Check	68.9	57.0	11.4	43.4	12.69
Turkey	Check	67.6	56.7	11.9	44.4	14.52
Summary Statistics						
Standard Error		3.9	0.7	0.2	0.8	0.67
LSD <sup>3</sup>		6.6	1.2	0.4	1.3	1.13
Mean <sup>4</sup>		90.8	57.3	10.2	34.9	14.58
CV <sup>5</sup>		4.3	1.3	2.3	2.2	4.6

**FOR MANAGEMENT DETAILS, CONSULT INDIVIDUAL SITE REPORTS.**

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<sup>1</sup> Yield values corrected to 12% moisture content. Bolded values indicate highest LSD grouping.

<sup>2</sup> Protein corrected to 14% moisture content, the correction factor used in analytical standards. Turkey and Scout 66 excluded from protein LSD groups due to known high protein contents.

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

<sup>4</sup> Mean performance of all varieties in the regional data.

<sup>5</sup> 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 analysis across sites in the region and the results should be used with caution.