



UNIVERSITY of NEBRASKA
LINCOLN

Irrigated Winter Wheat Variety Trials 2025 Regional Averages

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Grain Weight (1000 seeds/lb)
NEB148-42	UNL-Experimental	108.7	60.0	9.9	36.8	16.01
WB4303	WestBred	103.5	56.1	10.3	32.7	14.92
WB4640	WestBred	103.1	58.9	9.8	34.1	13.90
KS Bill Snyder	Kansas Wheat Alliance	102.8	59.5	9.9	33.8	14.23
NHH19668	UNL-Experimental	102.4	59.7	10.1	35.9	13.65
AP Sunbird	AgriPro	102.4	59.2	9.8	33.8	13.46
WB4699	WestBred	101.8	57.2	9.3	33.4	17.25
LCS Helix AX	Limagrain Cereal Seeds	101.6	59.6	9.4	35.0	13.22
LCS Steel AX	Limagrain Cereal Seeds	101.5	58.5	9.8	38.2	16.18
LCS Mojo	Limagrain Cereal Seeds	101.0	58.0	9.7	36.0	14.91
CP7017AX	Croplan	100.6	59.7	9.3	33.5	16.70
AR Iron Eagle 22AX	Armor	100.6	59.4	9.4	33.8	14.33
CO19D087R	CSU-Experimental	100.4	56.7	9.8	31.3	16.88
Sheridan	PlainsGold	100.2	59.3	9.8	36.8	15.61
NE18435	UNL-Experimental	99.8	59.4	9.4	34.4	14.80
Canvas	PlainsGold	99.5	58.7	9.7	34.4	15.17
LCS Radar	Limagrain Cereal Seeds	99.3	58.3	10.2	33.1	13.24
WB4523	WestBred	99.0	57.0	9.5	32.5	19.31
NE20620	UNL-Experimental	98.9	59.4	10.0	37.2	12.72
WB4422	WestBred	98.6	60.1	10.1	35.4	14.66
WB4595	WestBred	98.3	59.5	9.2	36.1	15.68
FVC Valley	FVC	98.1	58.4	9.4	37.6	15.14
CP7869	Croplan	97.6	58.0	10.1	33.6	13.87
WB4445CLP	WestBred	97.6	59.7	10.4	34.1	13.42
NE18455	UNL-Experimental	97.5	58.3	9.7	36.7	15.07
LCS Valiant	Limagrain Cereal Seeds	97.2	58.3	10.2	33.9	14.18
NE17441	UNL-Experimental	96.5	59.0	10.0	37.9	14.58
NE22252	UNL-Experimental	96.4	59.4	10.5	38.7	12.13
Wesley	NuHorizon Genetics	96.1	57.3	11.4	34.7	14.34
NEB145-12	UNL-Experimental	96.1	57.8	9.8	36.7	13.60
AR Turret 25	Armor	96.1	58.7	10.2	34.5	15.25
LCS Aries	Limagrain Cereal Seeds	95.3	58.6	9.2	35.3	13.07
Epoch	Nu Horizon Genetics	94.6	57.8	10.4	34.2	14.79

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. Turkey and Scout 66 excluded from protein LSD groups due to known high protein contents.

Name	Company	Yield (bu/ac)	Test Weight (lb/bu)	Protein (%)	Plant Height (in)	Grain Weight (1000 seeds/lb)
Scout 66	Check	66.1	56.8	11.5	43.3	13.01
Turkey	Check	64.7	56.4	12.0	44.6	14.93
Summary Statistics						
Standard Error		4.5	1.0	0.3	1.0	1.24
LSD ³		7.5	1.7	0.6	1.6	2.10
Mean ⁴		97.5	58.5	10.0	35.6	14.69
CV ⁵		4.6	1.7	3.3	2.7	8.4

SITE INFORMATION

Counties Included: Perkins, Scottsbluff, Box Butte. For management details, 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 varieties in the regional data.

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 analysis across sites in the region and the results should be used with caution.

