



UNIVERSITY of NEBRASKA
LINCOLN

West Central Rainfed 2025 Winter Wheat Variety Trial Regional Averages

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Grain Weight (1000 seeds/lb)
Whistler	PlainsGold	73.7	57.4	8.9	31.4	13.92
CO19D087R	CSU-Experimental	69.5	55.1	8.7	27.1	16.75
AP24 AX	AgriPro	68.3	55.1	8.6	30.5	15.17
AG Golden	AGSECO	68.1	56.5	8.8	28.8	16.00
KS Territory	Kansas Wheat Alliance	67.7	56.9	9.0	29.2	14.54
Canvas	PlainsGold	67.5	58.1	9.1	28.9	16.27
AP Sunbird	AgriPro	67.4	57.9	8.7	27.7	14.01
Rockstar	Polansky Seed, Inc.	67.0	56.0	9.5	28.5	15.32
KS Bill Snyder	Kansas Wheat Alliance	66.4	56.6	9.4	27.9	14.24
FVC Valley	FVC	66.2	55.7	8.9	30.5	16.00
AP Bigfoot	AgriPro	65.6	56.1	9.4	29.1	16.95
CP7017AX	Croplan	64.7	57.0	9.3	27.2	15.19
WB4510CLP	WestBred	64.7	57.9	9.1	30.5	15.61
NEB148-42	UNL-Experimental	64.7	57.6	9.3	30.7	16.28
WB4422	WestBred	64.7	57.8	10.7	29.0	13.97
KS Providence	Kansas Wheat Alliance	64.3	56.6	9.3	28.3	15.24
WB4595	WestBred	64.1	58.1	9.2	29.0	15.00
MS Maverick	Meridian Seeds	63.0	57.0	9.9	30.8	14.56
Robidoux	Nu Horizon Genetics	62.6	56.6	9.6	31.0	15.10
WB4445CLP	WestBred	62.6	56.7	10.7	29.3	15.22
NE22252	UNL-Experimental	62.1	57.1	9.7	30.9	14.37
WB4347	WestBred	62.1	57.5	9.8	28.9	13.95
Golden Hawk	Polansky Seed, Inc.	62.0	55.7	9.9	27.5	15.87
NE20620	UNL-Experimental	61.9	56.6	9.9	29.3	14.16
High Country	Polansky Seed, Inc.	61.9	56.8	9.3	27.8	17.09
NHH19668	UNL-Experimental	61.4	56.3	9.6	29.5	15.12
LCS Atomic AX	Limagrain Cereal Seeds	60.8	56.6	9.8	27.8	14.15
NE19619	UNL-Experimental	60.7	55.6	10.5	33.0	13.95
AR Iron Eagle 22AX	Armor	60.2	57.6	9.6	28.2	14.79
NE18435	UNL-Experimental	60.1	58.0	9.5	28.1	15.76
LCS Aries	Limagrain Cereal Seeds	59.9	55.3	9.0	28.2	16.03
Sheridan	PlainsGold	59.4	56.6	10.2	29.4	16.36
NE22172	UNL-Experimental	59.4	55.3	9.8	30.0	17.21

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)
NE21579	UNL-Experimental	59.1	56.7	10.4	29.8	15.73
NE18455	UNL-Experimental	58.8	55.1	9.7	30.2	16.73
Settler CL	Nu Horizon Genetics	58.1	56.2	10.3	30.1	14.45
LCS Mojo	Limagrain Cereal Seeds	58.0	56.1	9.6	29.2	15.88
NE22284	UNL-Experimental	57.7	57.4	9.9	32.3	14.45
AR Turret 25	Armor	57.1	55.5	9.9	27.3	13.52
NE17441	UNL-Experimental	56.9	56.3	10.2	30.8	15.98
LCS Radar	Limagrain Cereal Seeds	56.5	55.2	10.1	27.3	15.19
CP7869	Croplan	56.3	55.2	9.8	27.7	13.75
Ruth	Nu Horizon Genetics	55.3	55.6	9.9	30.6	15.23
XH4033	WestBred-Experimental	55.3	54.4	10.3	29.5	16.02
Wesley	NuHorizon Genetics	54.7	54.8	10.8	27.6	14.71
WB4444	WestBred	54.4	55.6	11.0	29.3	17.49
WB4733CLP	WestBred	53.3	55.9	10.3	28.1	16.39
NE Prism CLP	Nu Horizon Genetics	52.9	56.9	10.5	28.8	17.41
Turkey	Check	49.9	54.8	11.0	36.1	16.30
Scout 66	Check	48.2	55.1	10.3	35.1	14.74
Summary Statistics						
Standard Error		2.8	0.5	0.4	0.8	0.59
LSD³		4.7	0.9	0.6	1.2	0.97
Mean⁴		61.1	56.4	9.4	29.5	15.36
CV⁵		4.6	0.9	3.9	2.6	3.8

SITE INFORMATION

Counties Included: Hitchcock, Keith, Perkins, Lincoln. 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.