



UNIVERSITY of NEBRASKA
LINCOLN

Panhandle 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	66.4	57.7	10.1	28.3	16.58
CO21SF191RA	CSU-Experimental	59.5	55.8	11.3	28.0	17.99
CO19D087R	CSU-Experimental	59.1	56.0	10.6	25.9	18.36
Canvas	PlainsGold	58.7	58.4	10.5	25.5	18.47
FVC Valley	FVC	58.0	58.3	10.2	27.7	19.29
Telluride	PlainsGold	58.0	58.0	10.1	25.3	15.30
AP24 AX	AgriPro	57.0	56.0	10.1	28.1	16.33
Crescent AX	PlainsGold	56.7	57.3	10.5	27.6	14.86
CO21SF263RA	CSU-Experimental	56.3	55.1	11.2	27.8	18.30
AP Solid	AgriPro	56.0	58.1	10.7	24.8	16.27
CO200037R	CSU-Experimental	54.6	59.2	10.5	26.0	18.69
Robidoux	Nu Horizon Genetics	54.5	57.0	10.8	27.1	17.11
LCS Atomic AX	Limagrain Cereal Seeds	53.3	58.0	11.1	26.0	15.52
NE22212	UNL-Experimental	53.1	56.3	10.8	25.0	16.75
NE19455	UNL-Experimental	53.1	55.3	12.1	27.4	17.50
NSF23324	UNL-Experimental	52.5	57.2	11.6	26.7	16.97
Sheridan	PlainsGold	52.4	57.1	11.1	26.5	18.73
WB4347	WestBred	52.3	57.2	11.1	25.1	18.16
Amplify SF	PlainsGold	52.3	55.9	11.2	22.7	18.09
NHH19651	UNL-Experimental	52.0	57.8	10.9	27.6	16.97
WB4595	WestBred	51.9	58.8	10.4	26.8	18.34
NE20620	UNL-Experimental	51.8	57.2	11.2	25.8	16.70
NSF22115	UNL-Experimental	51.7	57.1	11.2	26.8	18.22
NE22284	UNL-Experimental	51.5	58.6	11.4	28.0	16.42
NE22252	UNL-Experimental	51.4	57.2	11.0	25.7	17.30
CP7017AX	Croplan	50.5	58.2	10.8	25.1	17.64
WB4422	WestBred	50.4	56.8	11.8	26.7	15.63
WB4510CLP	WestBred	50.0	59.0	10.7	27.1	16.93
AP Sunbird	AgriPro	49.8	57.5	10.9	25.5	15.27
NSF23323	UNL-Experimental	49.8	57.8	11.0	26.4	18.31
NE18445	UNL-Experimental	49.7	55.3	11.8	26.2	17.35
LCS Steel AX	Limagrain Cereal Seeds	49.4	54.9	10.7	27.9	20.28
Pronghorn	Nu Horizon Genetics	49.2	58.4	11.4	27.1	17.29

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)
Ruth	Nu Horizon Genetics	49.2	57.0	11.4	27.1	16.47
NHH19668	UNL-Experimental	49.2	57.1	11.0	26.2	17.07
NSF23312	UNL-Experimental	49.1	57.8	11.5	24.6	19.07
AR Iron Eagle 22AX	Armor	48.9	58.1	10.9	25.1	17.18
Settler CL	Nu Horizon Genetics	48.2	56.9	10.7	26.0	18.00
WB4444	WestBred	48.1	54.0	12.6	26.4	18.90
CP7869	Croplan	48.0	55.3	11.5	24.8	16.52
NE18435	UNL-Experimental	47.8	57.4	11.4	25.6	16.74
NE19619	UNL-Experimental	47.8	55.7	11.7	27.1	16.54
NE18455	UNL-Experimental	47.6	56.3	11.1	25.6	18.55
MS Maverick	Meridian Seeds	46.9	55.8	11.3	25.8	17.37
WB4445CLP	WestBred	46.0	55.7	11.6	25.9	18.35
LCS Valiant	Limagrain Cereal Seeds	46.0	56.2	12.0	25.7	16.40
NE21579	UNL-Experimental	45.9	55.7	12.4	25.9	17.98
WB4733CLP	WestBred	45.1	54.9	12.0	24.0	20.05
Wesley	NuHorizon Genetics	44.6	55.3	12.5	24.0	16.65
Turkey	Check	44.1	56.6	12.1	32.2	17.14
Scout 66	Check	42.9	56.4	12.1	27.8	16.76
NSF22101	UNL-Experimental	42.0	56.4	12.4	26.9	18.79
NE Prism CLP	Nu Horizon Genetics	41.6	56.7	11.6	25.9	18.91
AR Turret 25	Armor	41.2	54.6	11.2	23.8	17.67
Summary Statistics						
Standard Error		3.6	1.1	0.4	1.2	1.15
LSD³		6.0	1.9	0.7	1.9	1.91
Mean⁴		50.8	56.8	11.2	26.3	17.46
CV⁵		7.1	2.0	3.6	4.5	6.6

SITE INFORMATION

Counties Included: Box Butte, Cheyenne, Cheyenne-South, Deuel, Kimball. For management details, consult individual site reports.

Do not reprint without permission. Contacts: [Amanda Easterly](#) or [Cody Creech](#)

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.