



UNIVERSITY of NEBRASKA
LINCOLN

South Central Rainfed 2 Year Averages 2024, 2025 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Grain Weight (1000 seeds/lb)
WB4401	WestBred	105.0	57.7	9.2	31.7	11.84
WB4422	WestBred	103.3	59.1	10.0	31.6	13.45
WB4595	WestBred	103.0	59.5	9.2	32.0	13.77
AP Prolific	AgriPro	101.7	57.6	9.8	32.1	13.14
CP7017AX	Croplan	100.7	58.2	9.4	31.6	13.37
AR Iron Eagle 22AX	Armor	99.0	58.4	9.5	30.5	13.29
Rockstar	Polansky Seed, Inc.	98.9	56.9	10.2	31.2	13.42
Golden Hawk	Polansky Seed, Inc.	98.5	57.1	10.4	31.2	14.35
KS Providence	Kansas Wheat Alliance	98.2	57.0	9.9	32.6	12.90
WB4523	WestBred	98.1	56.4	9.4	28.8	15.92
WB4445CLP	WestBred	97.5	58.3	10.4	31.1	12.75
NHH19668	UNL-Experimental	97.5	58.2	9.8	33.0	13.25
NE18435	UNL-Experimental	96.6	58.2	9.6	31.4	14.26
Wesley	NuHorizon Genetics	95.6	56.5	10.6	30.8	12.70
NE17441	UNL-Experimental	94.2	58.2	10.2	32.9	13.38
Paradise	Polansky Seed, Inc.	90.1	57.9	10.4	32.1	12.74
Siege	Nu Horizon Genetics	87.3	58.8	10.5	31.7	12.96
AP Bigfoot	AgriPro	86.6	57.3	10.1	30.6	14.86
Ruth	Nu Horizon Genetics	85.9	57.5	9.8	33.3	13.98
Scout 66	Check	68.4	57.9	11.4	37.1	12.74
Turkey	Check	65.5	56.8	11.8	37.6	14.08
Summary Statistics						
	Standard Error	4.9	0.3	0.3	1.0	0.36
	LSD³	8.1	0.5	0.4	1.6	0.59
	Mean⁴	93.9	57.8	10.1	32.1	13.48
	CV⁵	5.2	0.5	2.5	3.0	2.7

FOR MANAGEMENT DETAILS, CONSULT INDIVIDUAL SITE REPORTS.

3 year averages not available for South Central region—all sites lost in 2023.

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

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.