



UNIVERSITY of NEBRASKA
LINCOLN

South 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)
AP Sunbird	AgriPro	106.5	59.3	8.9	30.8	12.68
CP7017AX	Croplan	103.6	58.8	9.4	31.1	13.41
NEB148-42	UNL-Experimental	103.5	59.0	9.8	31.3	14.01
AG Golden	AGSECO	103.4	57.5	9.0	30.2	13.23
WB4347	WestBred	102.8	59.6	9.8	33.0	12.10
KS Bill Snyder	Kansas Wheat Alliance	100.1	58.7	9.5	30.1	12.62
AR Iron Eagle 22AX	Armor	100.0	58.9	9.2	30.5	13.16
WB4422	WestBred	99.9	59.9	10.0	32.0	12.56
KS Providence	Kansas Wheat Alliance	98.6	57.8	9.5	32.2	12.96
KS Mako	Kansas Wheat Alliance	98.3	59.0	9.8	31.7	14.19
AP Bigfoot	AgriPro	97.6	58.4	9.8	31.0	14.76
WB4445CLP	WestBred	97.3	58.7	10.3	32.0	12.59
WB4401	WestBred	96.9	58.2	9.3	31.2	11.69
NHH19668	UNL-Experimental	96.1	58.8	9.8	32.7	12.95
WB4595	WestBred	95.5	60.1	9.2	32.3	13.64
LCS Aries	Limagrain Cereal Seeds	95.4	58.0	9.6	32.0	13.20
NE22342	UNL-Experimental	95.4	58.5	9.6	34.3	13.27
NE18435	UNL-Experimental	95.3	58.7	9.8	31.7	13.92
Rockstar	Polansky Seed, Inc.	95.2	57.5	10.4	30.9	13.59
AP Prolific	AgriPro	94.6	58.0	9.8	32.1	13.25
NE18445	UNL-Experimental	94.6	58.4	9.7	33.5	12.14
CP7869	Croplan	94.6	57.6	9.7	31.0	12.62
AR Turret 25	Armor	94.4	57.7	9.9	31.5	12.22
Golden Hawk	Polansky Seed, Inc.	94.2	58.0	10.5	31.7	14.19
Paradise	Polansky Seed, Inc.	93.4	58.6	9.8	32.5	12.76
WB4523	WestBred	93.2	57.8	9.4	28.1	15.25
Wesley	NuHorizon Genetics	93.0	57.0	10.5	31.0	12.54
NE18455	UNL-Experimental	91.9	57.9	9.7	33.4	15.83
LCS Valiant	Limagrain Cereal Seeds	90.8	58.0	10.3	30.8	13.19
NE17441	UNL-Experimental	90.4	58.7	10.0	33.3	13.55
NEB145-12	UNL-Experimental	86.8	57.4	9.7	35.2	13.02
Siege	Nu Horizon Genetics	84.1	59.3	10.4	32.1	12.45
Ruth	Nu Horizon Genetics	82.8	57.8	9.9	33.4	14.06

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	66.4	58.6	10.9	37.4	13.33
Turkey	Check	61.8	57.6	11.6	38.8	14.42
Summary Statistics						
Standard Error		2.8	0.3	0.2	0.8	0.46
LSD ³		4.6	0.6	0.4	1.3	0.77
Mean ⁴		93.9	58.4	9.8	32.2	13.30
CV ⁵		3.0	0.6	2.5	2.4	3.5

SITE INFORMATION

Counties Included: Clay, Jefferson, Furnas. 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.