



UNIVERSITY of NEBRASKA
LINCOLN

South Central Rainfed 2024 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)
WB4401	WestBred	113.1	57.1	9.0	32.2	12.0
WB4595	WestBred	110.6	58.9	9.1	31.6	13.9
AP Prolific	AgriPro	108.8	57.1	9.8	32.1	13.0
WB4792	WestBred	107.1	58.2	9.0	34.6	15.0
WB4422	WestBred	106.7	58.3	10.1	31.3	14.3
WB4523	WestBred	103.0	55.0	9.4	29.5	16.6
Golden Hawk	Polansky Seed, Inc.	102.8	56.2	10.2	30.7	14.5
Rockstar	Polansky Seed, Inc.	102.6	56.3	10.1	31.5	13.2
CP7220	Croplan	102.2	57.2	10.1	32.5	12.8
NHH19668	UNL	98.9	57.7	9.7	33.3	13.6
Wesley	Husker Genetics	98.3	56.0	10.6	30.6	12.9
AR Iron Eagle 22AX	Armor	98.1	58.0	9.8	30.5	13.4
NE17441	UNL	98.1	57.7	10.4	32.5	13.2
NE18435	UNL	97.9	57.7	9.3	31.1	14.6
CP7017AX	Croplan	97.8	57.6	9.4	32.0	13.3
KS Providence	Kansas Wheat Alliance	97.7	56.1	10.3	32.9	12.8
WB4445CLP	WestBred	97.7	57.9	10.5	30.1	12.9
LCS Steel AX	Limagrain	97.6	56.3	9.6	33.3	15.2
CO18D297R	PlainsGold	97.3	57.7	9.6	33.2	15.4
LCS Runner	Limagrain	97.0	57.6	9.4	31.9	13.7
LCS Atomic AX	Limagrain	97.0	58.3	9.8	32.2	12.0
NW15443	UNL	94.4	56.3	9.8	36.0	11.5
NE16562	UNL	94.3	57.2	9.7	32.9	14.6
NI17410	UNL	94.3	57.7	10.2	32.5	13.5
WB4510CLP	WestBred	91.2	56.7	10.0	33.5	15.1
Siege	NuHorizon Genetics	90.6	58.2	10.6	31.3	13.5
Ruth	NuHorizon Genetics	89.0	57.2	9.6	33.3	13.9
NE Prism CLP	NuHorizon Genetics	88.2	57.1	10.3	32.6	15.5
Paradise	Polansky Seed, Inc.	86.8	57.2	11.1	31.6	12.7
WB4699	WestBred	86.2	54.9	9.2	30.1	16.9
CP7266AX	Croplan	77.5	56.8	9.9	32.8	14.4
AR Iron Eagle 33AX	Armor	76.7	56.5	10.4	32.4	13.8

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.

AP Bigfoot	AgriPro	75.5	56.2	10.4	30.2	15.0
Scout 66	Check	70.4	57.2	11.9	36.9	12.1
Turkey	Check	69.1	56.1	11.9	36.4	13.7
	Standard Error	8.9	0.6	0.3	1.8	0.6
	LSD³	14.8	1.0	0.5	3.0	1.0
	Mean⁴	94.7	57.1	10.0	32.3	13.8
	CV⁵	9.4	1.0	3.3	5.6	4.3

SITES INCLUDED: Jefferson and Furnas Counties

For details on cultural practices and plot management, 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 entries in the region.

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 field or the data and the results should be used with caution.