



UNIVERSITY of NEBRASKA
LINCOLN

South Central Rainfed 2 Year Averages 2022 and 2024 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	110.0	57.5	10.7	32.1	12.3
AP Prolific	AgriPro	109.6	57.7	11.4	32.1	13.3
Rockstar	Polansky Seed, Inc.	101.0	56.7	12.0	31.5	13.7
CP7017AX	Croplan	100.3	57.8	11.1	31.8	13.9
WB4523	WestBred	100.2	55.4	11.0	29.1	17.3
LCS Atomic AX	Limagrain	99.3	58.7	11.3	31.9	12.0
NHH19668	UNL	98.6	58.1	11.3	32.9	13.7
NE17441	UNL	98.0	58.3	12.0	33.0	13.4
Wesley	Husker Genetics	96.9	56.5	12.3	30.8	13.1
LCS Steel AX	Limagrain	96.9	56.7	11.2	33.4	15.8
NE16562	UNL	95.4	57.7	11.3	32.7	14.7
Siege	NuHorizon Genetics	92.3	58.8	12.2	31.8	13.4
Paradise	Polansky Seed, Inc.	90.1	57.8	12.5	31.5	12.9
NE Prism CLP	NuHorizon Genetics	89.7	57.7	12.0	33.0	15.7
WB4699	WestBred	89.3	55.8	10.7	29.6	17.1
Ruth	NuHorizon Genetics	88.8	57.4	11.5	33.3	14.4
AP Bigfoot	AgriPro	80.3	57.0	11.9	30.2	15.1
CP7266AX	Croplan	79.0	57.5	11.5	32.8	14.7
Scout 66	Check	72.9	57.9	13.1	37.5	12.6
Turkey	Check	70.2	56.8	13.5	36.7	14.3
	Standard Error	7.3	0.5	0.3	1.6	0.5
	LSD³	12.1	0.8	0.6	2.6	0.8
	Mean⁴	92.7	57.4	10.9	32.4	14.2
	CV⁵	7.8	0.8	3.0	4.8	3.5

SITES INCLUDED: Jefferson (2022 and 2024), Clay (2024), and Furnas (2024). All SC sites lost in 2023, so only 2 years available.

For details on cultural practices and plot management, consult individual site reports

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.

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.

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