



UNIVERSITY of NEBRASKA
LINCOLN

3 Year Averages—West Central Region 2021-2023 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Seed Weight (1000 seeds/lb)
AP Bigfoot	AgriPro	83.2	58.4	12.6	30.3	17.5
LCS Atomic AX	Limagrain	79.7	58.3	11.9	29.6	14.8
WB4595	WestBred	79.2	60.5	11.8	31.3	15.3
NHH17612	UNL-Experimental	79.1	59.3	12.6	30.9	17.0
MS Maverick	Meridian Seeds	78.6	59.0	12.4	31.1	14.7
AP 18AX	AgriPro	78.4	56.9	11.9	31.1	15.6
CP7017AX	CROPLAN	78.3	58.6	11.7	30.0	15.8
NHH17450	UNL-Experimental	77.3	58.0	12.5	33.1	16.6
NE16562	UNL-Experimental	77.3	57.3	12.2	31.2	15.9
WB4418	WestBred	76.9	57.2	12.5	29.4	18.0
NE17441	UNL-Experimental	76.8	58.3	12.3	30.9	15.1
SY Wolverine	AgriPro	76.8	58.2	12.5	29.4	15.5
NE17443	UNL-Experimental	76.7	58.4	12.6	30.1	15.5
Ruth	Husker Genetics	76.7	57.9	12.3	32.4	16.4
LCS Valiant	Limagrain	76.5	57.9	12.9	30.2	15.4
NW15443	UNL-Experimental	76.1	57.7	12.0	33.1	14.0
SY Legend CL2	AgriPro	75.4	58.7	12.8	30.4	14.8
Freeman	Husker Genetics	74.4	56.6	12.2	31.3	15.6
Robidoux	Husker Genetics	74.4	56.8	12.6	31.7	16.7
Wesley	Husker Genetics	73.9	57.2	12.8	29.1	14.3
CP7050AX	CROPLAN	70.3	59.7	13.0	30.5	16.5
Turkey	Check	61.8	57.9	13.5	38.0	15.8
Scout 66	Check	61.6	58.8	12.8	36.8	14.8
	Standard Error	2.8	0.4	0.2	0.7	0.5
	LSD³	4.7	0.7	0.4	1.1	0.8
	Mean⁴	75.6	58.2	12.5	31.4	15.7
	CV⁵	3.7	0.7	1.9	2.1	3.0

¹ Yield values corrected to 12% moisture. Bolded values indicate highest LSD grouping.

² Protein corrected to 14% moisture, 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 trial.

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.

SITES INCLUDED:

Keith (2022, 2023), Lincoln (2021, 2022), Perkins (2021, 2022, 2023), and Red Willow (2021, 2023)

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