



UNIVERSITY of NEBRASKA
LINCOLN

Jefferson County 3-Year Averages 2020-2022 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)
NW15443	UNL-Experimental	109.0	59.0	12.4	37.2
CP7017AX	CROPLAN	101.3	59.3	12.3	30.8
LCS Valiant	Limagrain Cereal Seeds	98.1	60.4	13.0	31.8
NHH17450	UNL-Experimental	96.1	59.5	13.0	35.0
WB4269	WestBred	95.6	59.4	12.6	30.0
Siege	NuPride Genetics	95.2	61.4	13.4	33.6
WB4699	WestBred	93.5	58.8	12.0	28.7
NHH17612	UNL-Experimental	93.1	59.9	13.2	34.3
Wesley	Husker Genetics	93.0	59.1	13.7	32.7
NE16562	UNL-Experimental	91.8	58.7	12.9	33.1
Freeman	Husker Genetics	91.7	57.3	13.0	34.1
SY Wolverine	AgriPro	90.2	59.4	13.1	29.1
Ruth	Husker Genetics	90.0	59.1	12.8	34.3
CP7050AX	CROPLAN	89.2	60.5	13.9	32.1
PSB13NEDH-14-83	UNL-Experimental	88.2	59.1	13.2	35.9
Scout 66	Check	76.8	60.0	14.1	41.2
Turkey	Check	75.1	59.6	14.5	41.7
	Standard Error	5.4	0.5	0.4	1.1
	LSD³	9.2	0.9	0.7	1.9
	Mean⁴	91.9	59.4	13.2	33.6
	CV⁵	5.9	0.9	3.2	3.3

SITES INCLUDED: Jefferson County in 2020, 2021, and 2022

NOTES: Gosper and Clay counties were lost to hail in 2022, so multi-year averages are based on the trials from Jefferson county for consistency across years. We strongly recommend also consulting the 2- and 3-year summaries for the South Central region from 2021. Kernel weight data not available for all years and not included.

Do not reprint without permission. Contacts: [Amanda Easterly](#) or [Cody Creech](#)

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.