Regional Averages—West Central
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)
ARMOR EXP55	ARMOR	**82.8**	57.6	10.4	29.8	12.2
LCS Steel AX	Limagrain	**79.8**	55.9	9.5	32.6	17.3
ARMOR EXP65AX	ARMOR	**79.1**	58.0	10.5	30.3	14.6
NE19619	UNL-Experimental	**78.4**	57.5	11.0	33.9	12.8
AP Bigfoot	AgriPro	**78.3**	58.7	**11.3**	29.3	16.0
WB4422	WestBred	**77.0**	**59.3**	10.6	28.7	14.5
Ruth	Husker Genetics	**76.5**	57.7	10.4	31.3	14.8
CP7266AX	CROPLAN	**76.2**	57.9	10.5	30.1	15.0
High Country	Polansky Seed, Inc.	**76.2**	58.8	10.7	27.9	16.0
Canvas	PlainsGold	75.8	58.2	10.6	29.9	16.6
MS Maverick	Meridian Seeds	75.8	**59.0**	11.0	29.7	13.0
NHH19668	UNL-Experimental	75.5	58.5	10.5	29.2	14.3
NW15443	UNL-Experimental	74.8	57.3	10.5	32.9	12.2
NE16562	UNL-Experimental	74.8	58.0	10.8	29.1	15.2
KS Territory	Kansas Wheat Alliance	74.4	58.6	10.7	30.0	13.7
NE18455	UNL-Experimental	74.4	57.5	10.6	29.5	16.5
MS Sundown	Meridian Seeds	74.1	58.9	10.2	30.5	14.6
NHH17612	UNL-Experimental	74.0	**59.1**	11.0	30.0	15.5
Rockstar	Polansky Seed, Inc.	73.7	58.1	**11.4**	27.7	13.3
NE17441	UNL-Experimental	73.3	**59.0**	**11.1**	31.0	13.2
WB4595	WestBred	72.3	**60.1**	10.6	29.5	14.9
WB4510CLP	WestBred	72.2	**59.4**	10.5	31.9	13.6
NHH17450	UNL-Experimental	71.4	58.0	10.8	31.8	15.5
WB4418	WestBred	71.4	57.4	10.9	27.6	16.7
Freeman	Husker Genetics	71.1	57.0	10.4	30.3	14.0
CP7017AX	CROPLAN	70.8	58.5	10.3	28.9	15.2
SY Wolverine	AgriPro	70.5	58.0	10.7	27.0	14.4
AP 18AX	AgriPro	70.3	55.9	10.7	28.1	14.7
SY Legend CL2	AgriPro	70.3	58.8	11.0	29.6	13.5
NE17443	UNL-Experimental	70.1	57.9	10.9	28.1	14.3
NE19590	UNL-Experimental	70.0	58.0	10.6	31.2	14.9
LCS Valiant	Limagrain	69.5	57.3	10.8	27.6	14.5

[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.

LCS Julep	Limagrain	68.9	58.8	10.9	29.2	13.3
Wesley	Husker Genetics	68.9	57.4	**11.1**	28.5	13.0
LCS Atomic AX	Limagrain	66.1	57.5	10.7	28.2	14.0
Robidoux	Husker Genetics	64.3	55.7	10.5	30.3	15.7
CP7050AX	CROPLAN	63.7	**59.3**	**11.7**	28.6	16.3
Turkey	Check	60.8	58.8	**11.5**	38.6	13.8
Scout 66	Check	59.8	58.8	**11.6**	37.5	12.9
	Standard Error	4.2	0.7	0.3	0.8	0.5
	LSD[3]	6.9	1.1	0.6	1.3	0.8
	Mean[4]	72.5	58.1	10.8	30.2	14.5
	CV[5]	5.8	1.2	3.2	2.7	3.4

SITES INCLUDED:
Keith, Perkins, Red Willow

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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 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.