



UNIVERSITY of NEBRASKA  
LINCOLN

## West Central Regional Averages 2022 Winter Wheat Variety Trials

Name	Company	Yield (bu/ac) <sup>1</sup>	Test Weight (lb/bu)	Protein (%) <sup>2</sup>	Plant Height (in)	Seed Weight (1000 seeds/lb)
High Country	Polansky Seed, Inc.	<b>72.5</b>	58.8	12.7	26.9	17.3
LCS Steel AX	Limagrain Cereal Seeds	<b>72.4</b>	58.2	13.5	29.5	17.7
Langin	PlainsGold	<b>71.7</b>	57.4	13.2	26.9	15.9
CPX72166AX	CROPLAN	<b>69.8</b>	57.7	13.3	27.0	16.0
LCS Atomic AX	Limagrain Cereal Seeds	<b>67.5</b>	58.8	13.2	26.2	13.9
Rock Star	Polansky Seed, Inc.	<b>67.5</b>	58.7	<b>14.7</b>	27.6	15.2
Crescent AX	PlainsGold	<b>67.2</b>	58.7	13.2	28.3	13.9
CP7017AX	CROPLAN	<b>66.9</b>	59.0	13.2	26.5	15.5
KS Hamilton	Kansas Wheat Alliance	<b>66.8</b>	59.0	13.5	26.4	15.7
NE16562	UNL-Experimental	<b>66.6</b>	57.6	13.7	27.4	16.4
CP7869	CROPLAN	<b>66.4</b>	58.3	13.9	27.3	13.6
NHH17450	UNL-Experimental	<b>65.8</b>	58.3	13.9	29.4	15.9
AP Bigfoot	AgriPro	<b>65.7</b>	58.3	14.0	27.0	18.2
SY Wolverine	AgriPro	<b>65.6</b>	58.4	14.2	26.6	15.4
LCS Runner	Limagrain Cereal Seeds	<b>65.4</b>	59.0	13.3	28.2	14.4
MS Maverick	Meridian Seeds	<b>65.1</b>	59.3	14.1	28.1	14.3
AP 18AX	AgriPro	64.7	57.2	13.3	27.3	15.0
SY Legend	AgriPro	64.6	59.1	<b>14.5</b>	26.9	15.1
NHH19668	UNL-Experimental	64.2	58.5	14.1	26.9	14.6
Robidoux	Husker Genetics	64.0	57.8	<b>14.4</b>	27.9	15.9
NE17443	UNL-Experimental	63.4	58.5	14.1	25.3	15.0
WB4595	WestBred	63.3	<b>60.8</b>	13.5	28.2	14.0
AP Roadrunner	AgriPro	63.2	57.5	<b>14.4</b>	26.9	16.2
NHH17612	UNL-Experimental	62.3	59.1	<b>14.4</b>	27.7	16.8
WB4422	WestBred	62.3	58.8	<b>14.5</b>	27.8	15.4
WB4418	WestBred	62.3	57.2	14.0	26.4	18.4
Settler CL	Husker Genetics	62.1	58.7	13.9	27.0	14.0
LCS Chrome	Limagrain Cereal Seeds	61.7	58.3	<b>14.8</b>	27.3	17.3
WB4309	WestBred	61.7	57.9	14.3	26.0	16.3
LCS Helix AX	Limagrain Cereal Seeds	61.7	59.5	13.5	27.0	14.9
WB4792	WestBred	61.3	<b>60.1</b>	13.6	27.8	16.3
CP7050AX	CROPLAN	61.3	<b>59.6</b>	13.9	26.9	16.4
Freeman	Husker Genetics	60.2	56.8	13.8	27.7	15.7
LCS Valiant	Limagrain Cereal Seeds	59.4	58.0	<b>15.2</b>	26.9	15.2
MS Iceman	Meridian Seeds	59.1	58.8	<b>14.9</b>	26.1	16.9

<sup>1</sup> Yield values corrected to 12% moisture. Bolded values indicate highest LSD grouping.

<sup>2</sup> Protein corrected to 14% moisture, the correction factor used in analytical standards.

Name	Company	Yield (bu/ac)	Test Weight (lb/bu)	Protein (%)	Plant Height (in)	Seed Weight (1000 seeds/lb)
PSB13NEDH-14-83	UNL-Experimental	57.5	58.1	15.0	28.7	12.5
NE17441	UNL-Experimental	57.3	58.8	13.8	27.3	15.4
Ruth	Husker Genetics	56.8	57.4	14.4	28.4	17.0
Epoch	NuHorizon	56.6	57.4	14.4	26.8	16.4
Wesley	Husker Genetics	56.3	56.9	14.7	25.3	14.9
NW15443	UNL-Experimental	55.6	57.2	13.8	28.2	14.6
Scout 66	Check	53.8	59.1	13.6	31.6	14.2
LCS Link	Limagrain Cereal Seeds	53.2	57.5	14.6	27.9	14.8
Turkey	Check	50.6	57.1	15.1	32.8	16.6
	<b>Standard Error</b>	4.5	0.7	0.5	0.8	0.6
	<b>LSD<sup>3</sup></b>	7.5	1.2	0.8	1.3	1.0
	<b>Overall Average</b>	62.7	58.4	14.0	27.5	15.6

**SITES INCLUDED:** Keith, Lincoln, Perkins Counties

**NOTES:** Because of the environmental stresses this year, **we strongly recommend** using multi-year and multi-location averages when making variety decisions. Trials in the West Central Region had drought stress and some mild freeze damage. Yields from small plots can under stressed conditions be somewhat higher than surrounding fields due to availability of more water/resources in the areas between plots, but the relative differences are still accurate. Red Willow trial was impacted by hail and data too variable to be included.

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<sup>3</sup> For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.