



UNIVERSITY of NEBRASKA  
LINCOLN

## Keith County Rainfed 2019 Winter Wheat Variety Trial

Name	Source/ Brand	Means				
		Yield (bu/ac) <sup>a</sup>	Protein (%)	Test Weight (lbs/bu)	Height (in)	1000 Kernel Weight (grams)
WB4792	WestBred	113.2	11.8	58.6	34	41.4
SY Monument	AgriPro	111.0	12.4	58.2	33	40.9
NHH144913-3	UNL-Experimental	109.4	12.2	56.8	31	39.7
SY Wolf	AgriPro	108.7	12.1	60.0	31	42.3
Langin	PlainsGold	106.3	11.2	58.9	28	42.7
SY AP 18AX	AgriPro	103.6	10.9	58.5	31	43.4
Whistler	PlainsGold	102.4	11.3	58.5	33	40.2
LCS Valiant	Limagrain Cereal Seeds	102.3	12.6	60.2	30	43.7
NW13493	UNL-Experimental	102.1	12.4	60.4	34	44.1
WB-Grainfield	WestBred	102.0	11.7	58.9	33	40.4
WB4462	WestBred	100.9	12.2	60.1	34	47.9
Overland	Husker Genetics	100.2	11.6	59.4	35	42.1
NE14434	UNL-Experimental	99.8	11.6	58.5	33	42.2
SY Wolverine (Exp 40-1)	AgriPro	99.6	12.1	60.4	29	40.0
Tatanka	KSU	99.0	11.3	60.9	30	41.0
Winterhawk	WestBred	98.3	11.9	60.1	33	43.4
CP7869	CROPLAN	97.5	11.4	60.4	30	46.7
WB4595 (XB4520)	WestBred	97.4	12.1	61.5	32	41.3
NW15443	UNL-Experimental	97.3	11.5	58.9	35	46.1
LCS Revere	Limagrain Cereal Seeds	97.2	11.3	60.3	30	44.2
CP7909	CROPLAN	97.1	11.0	59.4	27	40.7
SY Sunrise	AgriPro	97.0	12.2	60.9	30	42.6
WB4418	WestBred	96.9	13.1	59.2	31	38.2
Long Branch	Dyna-Gro	96.2	11.8	59.3	32	41.2
Robidoux	Husker Genetics	96.1	11.6	58.5	32	38.9
SY Legend CL2	AgriPro	94.9	12.1	58.6	31	43.2
Ruth	Husker Genetics	94.7	11.5	59.2	32	40.2
Breck	PlainsGold	94.6	11.4	62.5	32	42.4
Settler CL	Husker Genetics	94.1	11.3	60.4	32	43.9
NE14691	UNL-Experimental	93.7	12.5	60.7	34	42.2
Crescent AX	PlainsGold	93.4	11.5	60.6	30	44.3
LCS Chrome	Limagrain Cereal Seeds	93.4	12.6	59.7	32	39.9
WB4269	WestBred	92.7	12.1	60.2	29	39.4
AM Eastwood	AgriMAXX	91.7	11.9	60.0	30	40.5
NE12561 (Siege)	UNL-Experimental	91.2	11.7	61.0	33	42.3
CPCPX79-10	CROPLAN	91.0	11.6	61.2	31	40.2

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Name	Source/ Brand	Means				
		Yield (bu/ac) <sup>a</sup>	Protein (%)	Test Weight (lbs/bu)	Height (in)	1000 Kernel Weight (grams)
Canvas	PlainsGold	90.6	10.9	60.3	30	39.5
SY Rugged	AgriPro	89.9	12.3	60.3	28	45.2
NE15624	UNL-Experimental	89.7	12.2	60.5	29	40.1
LCS Link	Limagrain Cereal Seeds	89.1	12.1	61.0	33	43.5
Freeman	Husker Genetics	89.0	11.6	58.0	33	40.2
Turkey	Check	82.6	13.7	59.9	38	41.0
LCS Avenger	Limagrain Cereal Seeds	81.1	12.2	59.3	27	42.6
Scout 66	Check	79.0	12.9	60.3	39	44.5
	Standard Error	4.8	0.3	0.3	0.7	0.9
	LSD <sup>b</sup>	10.5	0.8	0.7	2.0	2.0
	Mean <sup>c</sup>	96.7	11.9	59.8	31.7	42.1
	CV <sup>d</sup>	9.4	5.9	1.9	8.4	5.6

<sup>a</sup>Wheat yields were adjusted to 12% moisture.  
<sup>b</sup>For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 95%.  
<sup>c</sup>Mean value of all plots in the trial  
<sup>d</sup>Coefficient of Variation (CV) indicates the quality of a trial; a number lower than 15 indicates a high quality trial

**SITE INFORMATION**

Collaborator: UNL-WCREC Water Resource Lab, Brule  
 Planting Date: 9/26/18  
 Fertilization: NA  
 Soil Type: Kuma loam  
 Trial Notes: No-till following fallow (corn in 2017)

GPS Coordinates: 41.163332, -102.026917  
 Harvest Date: 7/23/19  
 Herbicide/Fungicide: NA

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