



UNIVERSITY of NEBRASKA
LINCOLN

Keith County Rainfed 2020 Winter Wheat Variety Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)
LCS Link	Limagrain Cereal Seeds	51.5	42.3
WB4792	WestBred	45.5	48.1
WB4462	WestBred	39.9	49.2
Ruth	Husker Genetics	36.0	49.4
LCS Valiant	Limagrain Cereal Seeds	35.8	50.4
NHH144913-3	UNL-Experimental	35.7	48.7
CP7017AX	CROPLAN by Winfield United	35.1	50.2
CP7010	CROPLAN by Winfield United	34.7	50.3
NE14434	UNL-Experimental	34.4	43.6
CP7909	CROPLAN by Winfield United	34.4	48.9
CP7869	CROPLAN by Winfield United	34.2	52.4
WB-Grainfield	WestBred	34.1	49.2
Siege	NuPride Genetics	33.0	51.2
AP18AX	AgriPro-Syngenta	32.7	56.3
Settler CL	NuPride Genetics	32.7	54.4
NE15410	UNL-Experimental	32.6	48.3
KS Dallas	Kansas Wheat Alliance	32.6	44.8
Freeman	Husker Genetics	32.5	49.5
Goodstreak	Husker Genetics	32.1	50.9
Tatanka	Kansas Wheat Alliance	31.9	50.8
CP7050AX	CROPLAN by Winfield United	31.8	48.4
SY Legend CL2	AgriPro-Syngenta	31.5	52.3
NE14691	UNL-Experimental	30.7	46.2
NW13493	UNL-Experimental	29.9	51.4
SY 517 CL2	AgriPro-Syngenta	29.8	48.2
KS Western Star	Kansas Wheat Alliance	29.6	55.3
Robidoux	Husker Genetics	29.5	52.8
Long Branch	Dyna-Gro Seeds	29.4	47.2
NE15624	UNL-Experimental	29.1	50.7
Canvas	PlainsGold	29.1	53.4
WB4418	WestBred	29.0	55.7
Wesley	Husker Genetics	29.0	54.9
NW15443	UNL-Experimental	28.8	53.9
Scout 66	Check	28.8	53.1
WB4595	WestBred	27.8	45.4

¹ Yield values corrected to 12% moisture.

SY Monument	AgriPro-Syngenta	27.2	38.8
SY Rugged	AgriPro-Syngenta	26.9	46.8
Turkey	Check	26.9	55.6
CrescentAX	PlainsGold	26.6	53.8
SY Wolverine	AgriPro-Syngenta	26.5	55.3
SY Sunrise	AgriPro-Syngenta	26.4	53.3
NE16562	UNL-Experimental	24.4	42.3
LCS Chrome	Limagrain Cereal Seeds	23.6	52.3
	Standard Error	6.9	4.0
	LSD²	11.7	6.7
	Mean³	31.7	50.1
	CV⁴	15.9	7.9
	Reps	2	2

SITE INFORMATION

Collaborator: Kenny Rhodes and Toby Spiehs; Brule, NE

Planting Date: September 27, 2019

Seeding Rate: 900,000 seeds/acre

Harvest Date: July 10, 2020

Fertility: 40 lb spring-applied

Herbicide/Fungicides: NA

Soil Type: Keith loam

GPS: 41.163115, -102.005941

Notes: Planted into tilled and fallowed wheat stubble. Heavy cheatgrass pressure in two of the reps, so only two were analyzed. Overall poor yields and stand, data is variable so use results with caution and consult 2- and 3-year averages when available.

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² For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

³ Mean performance of all entries in the trial.

⁴ 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.