



UNIVERSITY of NEBRASKA
LINCOLN

Perkins County Rainfed 2020 Winter Wheat Variety Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Height (in)	Protein (%) ²
LCS Link	Limagrain Cereal Seeds	45.7	56.9	32.0	11.7
KS Dallas	Kansas Wheat Alliance	45.5	56.9	30.5	11.7
Canvas	PlainsGold	45.2	57.0	30.0	9.8
Tatanka	Kansas Wheat Alliance	45.1	56.9	31.8	9.7
WB-Grainfield	WestBred	44.7	57.1	33.0	11.3
SY Monument	AgriPro-Syngenta	44.7	54.0	32.5	11.6
Robidoux	Husker Genetics	44.4	55.3	33.3	10.9
CP7010	CROPLAN by Winfield Unit	44.3	57.6	30.0	11.4
Crescent AX	PlainsGold	44.2	55.6	31.8	11.5
WB4462	WestBred	43.7	57.0	34.0	12.2
NW15443	UNL-Experimental	42.8	56.0	33.8	11.6
Freeman	Husker Genetics	42.8	52.9	29.8	12.1
KS Western Star	Kansas Wheat Alliance	42.7	57.4	30.5	11.1
Wesley	Husker Genetics	41.9	54.5	30.3	11.6
SY Rugged	AgriPro-Syngenta	41.5	55.2	29.8	11.1
Settler CL	NuPride Genetics	41.2	56.6	30.3	10.9
LCS Chrome	Limagrain Cereal Seeds	40.7	56.0	31.0	11.9
Long Branch	Dyna-Gro Seed	40.6	57.0	30.5	12.1
CP7050AX	CROPLAN by Winfield Unit	40.6	59.1	30.8	12.3
NW13493	UNL-Experimental	40.3	55.9	29.5	11.9
SY Wolverine	AgriPro-Syngenta	39.8	58.4	29.8	11.3
WB4418	WestBred	39.8	55.0	31.3	11.7
WB4792	WestBred	39.7	55.5	29.0	11.8
NE14434	UNL-Experimental	39.7	56.1	32.3	11.8
NE15624	UNL-Experimental	39.5	56.9	30.8	12.0
LCS Valiant	Limagrain Cereal Seeds	39.3	57.8	30.8	10.4
NHH144913-3	UNL-Experimental	39.1	53.4	31.8	12.8
Ruth	Husker Genetics	38.9	58.4	32.3	10.7
NE14691	UNL-Experimental	38.5	53.4	32.0	11.3
CP7909	CROPLAN by Winfield Unit	38.5	56.7	29.8	10.9
CP7869	CROPLAN by Winfield Unit	38.4	56.4	29.4	11.1
AP 18AX	AgriPro-Syngenta	38.3	55.5	30.3	11.9
NE16562	UNL-Experimental	37.9	53.1	30.8	12.7
WB4595	WestBred	37.8	57.5	31.0	11.0

¹ Yield values corrected to 12% moisture.

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

CP7017AX	CROPLAN by Winfield Unit	37.7	56.5	28.8	11.8
SY Sunrise	AgriPro-Syngenta	37.0	56.4	28.5	11.1
NE15410	UNL-Experimental	36.0	55.0	33.0	12.6
SY 517CL2	AgriPro-Syngenta	36.0	55.5	28.3	11.3
SY LegendCL2	AgriPro-Syngenta	35.4	55.8	29.0	12.8
Goodstreak	Husker Genetics	33.4	53.9	36.8	13.0
Scout 66	Check	32.4	54.5	37.8	10.8
Siege	NuPride Genetics	32.4	57.2	31.0	12.5
Turkey	Check	28.6	52.4	37.8	13.4
	Standard Error	4.6	1.5	1.3	0.7
	LSD³	7.6	2.4	2.2	1.3
	Mean⁴	39.9	55.9	31.3	11.6
	CV⁵	9.7	2.8	6.9	6.7
	Reps	4	4	4	2

SITE INFORMATION

Collaborator: Justin Richardson, Stumpf International Wheat Research Center; Grant, NE
 Planting Date: September 19, 2019
 Seeding Rate: 900,000 seeds/acre
 Harvest Date: July 8, 2020
 Fertility: NA
 Herbicide/Fungicides: Prowl H2O (1.75 pt/acre)
 Soil Type: Ascalon fine sandy loam & Kuma silt loam
 GPS: 40.848965, -101.687143
 Notes: Some damage from late spring freezes, test weights low across the area.

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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.