



UNIVERSITY of NEBRASKA
LINCOLN

Clay County Rainfed 2020 Winter Wheat Variety Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²
LCS Link	Limagrain Cereal Seeds	87.7	62.3	13.4
CP7017AX	CROPLAN by Winfield United	86.9	59.4	12.2
Wesley	Husker Genetics	86.7	61.4	13.7
NHH144913-3	UNL-Experimental	85.5	55.1	13.4
NW13493	UNL-Experimental	84.0	61.7	13.5
WB-Grainfield	WestBred	83.8	59.0	13.5
WB4595	WestBred	83.7	62.3	12.4
SY Monument	AgriPro-Syngenta	82.4	59.5	12.5
SY Wolverine	AgriPro-Syngenta	82.0	61.4	13.2
WB4792	WestBred	81.4	60.7	12.3
LCS Chrome	Limagrain Cereal Seeds	80.8	59.7	13.9
NW15443	UNL-Experimental	80.6	60.4	13.0
NE15624	UNL-Experimental	80.1	59.3	14.0
KS Western Star	Kansas Wheat Alliance	79.3	60.6	12.5
WB4699	WestBred	78.4	60.5	12.3
CP7909	CROPLAN by Winfield United	78.1	60.2	13.3
Long Branch	Dyna-Gro Seed	78.0	58.6	13.1
Freeman	Husker Genetics	77.8	57.9	13.2
LCS Valiant	Limagrain Cereal Seeds	77.7	60.9	14.3
SY Benefit	AgriPro-Syngenta	77.5	61.7	13.5
NE16562	UNL-Experimental	77.2	58.3	13.3
NE14434	UNL-Experimental	75.7	58.8	13.2
WB4303	WestBred	75.6	56.2	14.0
CP7010	CROPLAN by Winfield United	75.4	58.3	13.2
WB4269	WestBred	75.1	61.2	13.5
CP7869	CROPLAN by Winfield United	73.5	60.7	13.3
AM Cartwright	AgriMaxx Wheat Company	72.3	59.9	14.9
Siege	NuPride Genetics	71.5	60.7	14.0
Ruth	Husker Genetics	71.5	60.6	13.9
CP7050AX	CROPLAN by Winfield United	67.8	59.5	15.5
Zenda	Kansas Wheat Alliance	67.8	59.1	14.0
Scout 66	Check	62.4	55.4	14.1
Turkey	Check	58.6	56.4	14.3

¹ Yield values corrected to 12% moisture.

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

	Standard Error	4.4	1.3	0.3
	LSD³	7.3	2.2	0.5
	Mean⁴	77.5	59.6	13.5
	CV⁵	8.6	3.1	5.4
	Reps	4	4	2

SITE INFORMATION

Collaborator: South Central Agricultural Lab; Clay Center, NE
 Planting Date: September 26, 2019
 Seeding Rate: 1,000,000 seeds/acre
 Harvest Date: July 7, 2020
 Fertility: 150 lb/acre 11-52-0 preplant; 15 gal/acre 10-32-0 in spring
 Herbicide/Fungicides: 2,4-D
 Soil Type: Crete silt loams
 GPS: 40.573056, -98.129444
 Notes: Conventional tillage following fallowed corn

Do not reprint without permission. Contacts: [Amanda Easterly](#) or [Cody Creech](#)

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.