



UNIVERSITY of NEBRASKA
LINCOLN

Saunders County Rainfed 2020 Winter Wheat Variety Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Height (in)	Protein (%) ²
Ruth	Husker Genetics	84.9	60.9	36.0	13.2
CP7017AX	CROPLAN by Winfield United	79.1	59.6	31.5	13.1
WB4269	WestBred	78.8	59.9	33.3	12.7
Wesley	Husker Genetics	77.1	60.6	33.5	13.7
NW13493	UNL-Experimental	77.0	61.5	35.3	13.4
NHH144913-3	UNL-Experimental	74.1	57.4	34.3	13.8
WB4699	WestBred	74.0	60.8	29.5	12.3
CP7869	CROPLAN by Winfield United	73.6	61.2	33.0	12.5
Long Branch	Dyna-Gro Seed	73.3	59.2	34.3	13.1
CP7909	CROPLAN by Winfield United	71.7	60.6	33.0	12.9
NE15624	UNL-Experimental	71.2	60.2	31.8	14.0
Freeman	Husker Genetics	71.1	58.4	34.5	13.5
WB4303	WestBred	70.7	57.6	30.8	13.8
Siege	NuPride Genetics	67.7	61.3	34.5	14.4
NE14434	UNL-Experimental	67.1	59.8	37.8	13.2
LCS Valiant	Limagrain Cereal Seeds	66.8	60.9	31.5	14.4
CP7050AX	CROPLAN by Winfield United	66.1	60.3	32.5	15.1
CP7010	CROPLAN by Winfield United	65.8	62.5	32.0	13.9
AM Cartwright	AgriMaxx Wheat Company	65.7	59.1	32.8	14.6
Zenda	Kansas Wheat Alliance	63.9	60.7	34.0	14.3
NE16562	UNL-Experimental	63.4	57.9	32.8	14.3
Turkey	Check	52.9	59.1	43.8	15.1
Scout 66	Check	48.9	59.1	40.5	14.8
	Standard Error	3.6	0.4	0.8	0.4
	LSD³	6.0	0.7	1.3	0.6
	Mean⁴	69.8	59.9	34.0	13.7
	CV⁵	11.3	2.2	9.1	5.8
	Reps	4	4	4	2

¹ Yield values corrected to 12% moisture.

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

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.

SITE INFORMATION

Collaborator: UNL Eastern Nebraska Research and Extension Center; Ithaca, NE
Planting Date: September 26, 2019
Seeding Rate: 1,350,000
Harvest Date: July 13, 2020
Fertility: 80 lb/ac N as 46-0-0 applied at greenup
Herbicide/Fungicides: 1/3 oz/a Finesse applied in Sept, 2 pt/a Prowl H2O + 0.5 pt/a 2,4-D in April
Soil Type: Filbert & Tomek silt loam
GPS: 41.16570554, -96.40684466
Notes: Field disked after oat crop in 2019

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