



UNIVERSITY of NEBRASKA
LINCOLN

Jefferson County Rainfed 2020 Winter Wheat Variety Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Height (in)	Protein (%) ²
NW15443	UNL-Experimental	91.2	58.5	35.8	12.7
WB4401	WestBred	90.2	60.0	31.5	12.1
Overland	Husker Genetics	89.8	58.9	35.3	13.3
LCS Link	Limagrain Cereal Seeds	88.5	60.3	33.0	12.5
NW13493	UNL-Experimental	86.2	60.5	32.5	12.9
Long Branch	Dyna-Gro Seed	85.3	58.0	32.0	12.9
CP7869	CROPLAN by Winfield United	84.4	59.8	30.3	12.4
WB-Grainfield	WestBred	83.6	60.8	31.8	12.7
NHH144913-3	UNL-Experimental	81.2	56.7	31.5	13.2
WB4269	WestBred	80.9	58.7	28.8	13.1
WB4792	WestBred	80.0	60.0	31.5	12.8
LCS Valiant	Limagrain Cereal Seeds	79.7	60.0	30.0	13.6
KS Western Star	Kansas Wheat Alliance	79.1	59.9	32.8	12.6
NE14434	UNL-Experimental	78.1	57.7	34.3	13.2
CP7010	CROPLAN by Winfield United	77.6	60.9	29.8	13.3
Wesley	Husker Genetics	77.4	59.0	32.0	13.3
Freeman	Husker Genetics	77.1	57.3	32.5	13.1
Siege	NuPride Genetics	77.1	61.4	33.0	13.9
AM Cartwright	AgriMaxx Wheat Company	76.2	59.0	31.0	13.7
CP7017AX	CROPLAN by Winfield United	76.0	58.9	29.0	12.4
WB4303	WestBred	75.9	57.8	28.3	13.6
LCS Chrome	Limagrain Cereal Seeds	74.7	58.9	33.5	14.3
WB4595	WestBred	74.4	61.3	29.3	12.9
Zenda	Kansas Wheat Alliance	73.5	59.5	30.0	13.9
NE15624	UNL-Experimental	73.2	58.8	30.3	13.0
SY Monument	AgriPro-Syngenta	72.9	58.5	30.3	12.4
Ruth	Husker Genetics	72.1	58.5	32.0	12.1
CP7050AX	CROPLAN by Winfield United	70.4	58.9	30.3	13.8
Turkey	Check	70.3	58.9	41.8	14.5
SY Wolverine	AgriPro-Syngenta	70.2	59.0	27.3	14.0
CP7909	CROPLAN by Winfield United	70.2	59.6	29.8	12.9
WB4699	WestBred	68.2	58.2	27.5	12.6
NE16562	UNL-Experimental	68.1	57.9	31.5	13.4

¹ Yield values corrected to 12% moisture.

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

SY Benefit	AgriPro-Syngenta	68.1	59.9	31.3	12.8
Scout 66	Check	60.1	58.9	38.8	14.5
	Standard Error	3.8	0.5	1.0	0.3
	LSD³	6.3	0.8	1.6	0.6
	Mean⁴	77.2	59.2	31.6	13.2
	CV⁵	9.2	1.8	9.1	4.7
	Reps	4	4	4	2

SITE INFORMATION

Collaborator: Mark Knobel; Fairbury, NE
 Planting Date: October 23, 2019
 Seeding Rate: 1,000,000 seeds/acre
 Harvest Date: July 17, 2020
 Fertility: 125 lb/ac N & 11.5 lb/ac S applied in March
 Herbicide/Fungicides: 0.75 oz/ac Harmony Extra + 4 oz/a PropiStar applied in April & Miravis Ace applied by air on June 4th
 Soil Type: Crete silt loam
 GPS: 40.214512, -97.160652
 Notes: Dry after planting and late spring freeze damage. No-till into soybean residue.

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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.