



UNIVERSITY of NEBRASKA
LINCOLN

Chase County Irrigated 2020 Winter Wheat Variety Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)
Canvas	PlainsGold	93.8	62.3
WB4595	WestBred	91.8	64.2
CP7869	CROPLAN by Winfield United	91.5	61.7
LCS Valiant	Limagrain Cereal Seeds	89.4	62.7
Monarch	PlainsGold	89.3	61.8
CP7017CA	CROPLAN by Winfield United	88.9	61.5
CP7010	CROPLAN by Winfield United	88.8	61.3
WB4699	WestBred	88.3	60.7
SY Sunrise	AgriPro-Syngenta	87.6	61.1
NE15420	UNL-Experimental	86.7	61.5
WB4418	WestBred	85.8	61.5
Wesley	Husker Genetics	84.5	61.3
Long Branch	Dyna-Gro Seed	84.2	61.0
NHH144913-3	UNL-Experimental	83.8	57.9
WB4303	WestBred	83.8	58.6
Breck	PlainsGold	83.7	62.6
WB4792	WestBred	83.0	60.5
AM Eastwood	AgriMaxx Wheat Company	82.8	61.4
NE15624	UNL-Experimental	81.9	61.8
AM Cartwright	AgriMaxx Wheat Company	81.3	60.9
CP7909	CROPLAN by Winfield United	81.2	61.2
WB-Grainfield	WestBred	80.9	61.1
Robidoux	Husker Genetics	80.4	61.1
SY Wolverine	AgriPro-Syngenta	80.3	62.3
LCS Link	Limagrain Cereal Seeds	80.1	62.1
CP7050CA	CROPLAN by Winfield United	77.3	62.4
NE14434	UNL-Experimental	71.6	60.3
Siege	NuPride Genetics	70.1	61.7
Scout 66	Check	58.6	58.9
Turkey	Check	53.0	59.5
	Standard Error	5.3	0.7
	LSD²	8.9	1.2

¹ Yield values corrected to 12% moisture.

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

	Mean³	82.2	61.2
	CV⁴	10.9	2.1
	Reps	4	4

SITE INFORMATION

Collaborator: Brian Yurtzy, Southwest Seed Research, Imperial, NE
 Planting Date: September 27, 2019
 Seeding Rate: 1,200,000 seeds/acre
 Harvest Date: July 11, 2020
 Fertilization: 112 lb N, 56 lb P, 30 lb S
 Herbicide/Fungicide: Powerflex HL and Barrage HF
 Soil Type: Goshen silt loam
 GPS: 40.467487, -101.507615
 Notes: No-till into dry bean stubble under pivot irrigation. Late spring freeze damage, but good overall recovery.

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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.