



UNIVERSITY of NEBRASKA
LINCOLN

Lincoln County Rainfed 2019 Winter Wheat Variety Trial

Name	Source/ Brand	Means			
		Yield (bu/ac) ^a	Protein (%)	Test Weight (lbs/bu)	Height (in)
SY Monument	AgriPro	74.2	13.9	59.1	44.2
WB4595 (XB4520)	WestBred	69.6	13.4	60.2	44.1
CP7869	CROPLAN	69.0	13.4	59.9	50.9
Whistler	PlainsGold	68.6	13.2	57.8	45.8
Langin	PlainsGold	67.6	13.2	58.4	46.2
CPCPX79-10	CROPLAN	65.2	12.7	59.4	42.7
Settler CL	Husker Genetics	65.0	12.7	59.5	48.3
NHH144913-3	UNL-Experimental	64.3	13.1	57.1	42.6
NW15443	UNL-Experimental	63.8	13.5	56.2	47.7
Freeman	Husker Genetics	63.5	13.0	58.8	44.6
NE14691	UNL-Experimental	62.6	13.7	57.9	44.2
LCS Valiant	Limagrain Cereal Seeds	62.0	13.8	58.8	44.6
Tatanka	KSU	61.7	13.5	58.7	47.6
AM Eastwood	AgriMAXX	60.7	13.6	58.3	42.8
CP7909	CROPLAN	60.5	13.8	59.2	43.6
Canvas	PlainsGold	58.9	13.8	59.8	41.8
LCS Link	Limagrain Cereal Seeds	58.7	13.6	59.4	44.6
WB-Grainfield	WestBred	58.6	14.1	57.7	41.7
Breck	PlainsGold	58.2	13.5	59.6	43.9
WB4792	WestBred	57.5	13.4	58.9	44.2
SY AP 18AX	AgriPro	57.2	14.1	58.5	46.3
NE14434	UNL-Experimental	56.6	13.6	58.6	45.3
SY Rugged	AgriPro	56.5	13.6	58.9	48.1
Robidoux	Husker Genetics	56.4	14.1	59.9	43.4
WB4418	WestBred	56.3	14.4	57.1	39.3
Long Branch	Dyna-Gro	56.2	14.0	59.1	48.9
WB4269	WestBred	56.1	12.9	58.6	43.1
LCS Chrome	Limagrain Cereal Seeds	55.9	14.2	59.3	44.4
Overland	Husker Genetics	55.6	13.7	57.8	42.4
NE15624	UNL-Experimental	52.5	14.4	58.6	43.1
WB4462	WestBred	52.5	14.5	59.8	49.7
Ruth	Husker Genetics	52.3	14.0	59.1	42.5
SY Wolf	AgriPro	51.9	14.6	58.6	43.6
Turkey	Check	51.8	14.7	58.2	41.7
NE12561 (Siege)	UNL-Experimental	51.1	15.0	60.9	44.9
SY Sunrise	AgriPro	50.4	14.2	59.3	47.6
Winterhawk	WestBred	50.2	13.7	58.4	45.6
NW13493	UNL-Experimental	49.5	14.2	58.1	45.7
Crescent AX	PlainsGold	48.6	14.4	59.8	47.6
SY Legend CL2	AgriPro	46.6	15.2	58.6	48.5

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Name	Source/ Brand	Means			
		Yield (bu/ac) ^a	Protein (%)	Test Weight (lbs/bu)	Height (in)
SY Wolverine (Exp 40-1)	AgriPro	44.2	15.6	59.5	44.0
Scout 66	Check	41.9	14.8	59.0	46.9
LCS Avenger	Limagrain Cereal Seeds	41.0	14.0	59.2	47.1
LCS Revere	Limagrain Cereal Seeds	40.3	14.3	59.1	44.0
	Standard Error	3.8	0.4	0.5	1.2
	LSD ^b	10.5	1.0	1.5	3.4
	Mean ^c	56.9	13.9	58.8	45.0
	CV ^d	16.6	5.9	2.0	6.7

^aWheat yield was adjusted to 12% moisture.

^bFor differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 95%.

^cMean value of all plots in the trial

^dCoefficient of Variation (CV) indicates the quality of a trial; a number lower than 15 indicates a high quality trial

SITE INFORMATION

Collaborator: UNL WCREC, North Platte
 Planting Date: 9/19/18
 Harvest Date: 7/25/19
 Soil Type: Holdrege silt loam
 GPS Coordinates: 41.048997, -100.750161

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