



UNIVERSITY of NEBRASKA
LINCOLN

Perkins County Rainfed 2019 Winter Wheat Variety Trial

Name	Source/ Brand	Yield (bu/ac) ^a	Protein (%)	Height (in)	1000 Kernel Weight (grams)
WB4595 (XB4520)	WestBred	119.4	11.4	31.6	45.0
SY Monument	AgriPro	116.3	11.2	31.6	43.6
NW15443	UNL-Experimental	113.3	11.3	33.8	49.4
Winterhawk	WestBred	112.8	11.6	31.8	46.6
CPCPX79-10	CROPLAN	111.8	11.3	31.0	43.1
Tatanka	KSU	111.2	11.2	29.0	42.6
SY AP 18AX	AgriPro	111.1	11.1	29.8	47.2
SY Wolverine (Exp 40-1)	AgriPro	110.5	11.6	30.0	46.5
NE12561 (Siege)	UNL-Experimental	110.4	12.0	33.0	43.6
SY Legend CL2	AgriPro	110.2	11.8	30.8	46.6
Long Branch	Dyna-Gro	109.6	11.7	30.6	45.1
SY Rugged	AgriPro	108.5	11.6	27.8	46.1
Breck	PlainsGold	107.7	11.5	32.4	43.4
NE14434	UNL-Experimental	107.3	11.5	32.8	45.8
SY Wolf	AgriPro	107.3	12.0	32.2	43.4
SY Sunrise	AgriPro	106.7	11.7	30.8	46.3
Robidoux	Husker Genetics	104.7	11.2	31.6	42.8
Whistler	PlainsGold	104.5	10.6	30.6	44.4
WB4462	WestBred	104.3	11.4	32.0	49.3
LCS Valiant	Limagrain Cereal Seeds	103.4	12.1	31.0	46.4
CP7869	CROPLAN	103.2	11.5	29.8	47.9
Freeman	Husker Genetics	103.2	11.3	29.6	45.0
WB4792	WestBred	102.9	10.8	32.0	44.5
Settler CL	Husker Genetics	102.5	11.4	31.4	45.7
NE15624	UNL-Experimental	102.0	11.8	29.4	43.2
Overland	Husker Genetics	101.4	11.6	33.8	45.0
WB4269	WestBred	101.0	11.9	30.0	41.9
LCS Avenger	Limagrain Cereal Seeds	100.6	12.0	30.4	46.7
AM Eastwood	AgriMAXX	100.1	11.5	29.2	42.6
LCS Link	Limagrain Cereal Seeds	99.6	11.8	31.6	46.2
WB-Grainfield	WestBred	98.8	11.4	30.2	43.1
CP7909	CROPLAN	98.4	11.7	26.4	42.6
LCS Chrome	Limagrain Cereal Seeds	96.7	12.3	32.0	41.9
Ruth	Husker Genetics	95.5	11.8	34.0	42.5
Langin	PlainsGold	95.4	11.2	28.2	42.8
NHH144913-3	UNL-Experimental	95.1	11.8	30.8	42.6

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Name	Source/ Brand	Means			
		Yield (bu/ac) ^a	Protein (%)	Height (in)	1000 Kernel Weight (grams)
Crescent AX	PlainsGold	94.8	11.2	30.4	45.9
Canvas	PlainsGold	94.7	11.3	29.8	41.4
WB4418	WestBred	92.1	11.8	31.0	40.0
NW13493	UNL-Experimental	91.6	11.9	29.6	43.5
NE14691	UNL-Experimental	91.6	12.7	33.4	45.6
LCS Revere	Limagrain Cereal Seeds	87.6	11.6	30.8	45.1
Scout 66	Check	86.7	12.0	28.4	45.7
Turkey	Check	81.9	13.1	29.8	42.7
	Standard Error	5.1	0.2	0.7	0.9
	LSD ^b	12.4	0.5	2.1	2.2
	Mean ^c	102.6	11.6	30.8	44.5
	CV ^d	11.8	5.1	7.2	5.6

^aWheat yields were 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 Stumpf Wheat Center, Grant
 Planting Date: 9/24/18
 Harvest Date: 7/19/19
 Fertilization: —
 Herbicide/Fungicide: —
 Soil Type: Mace silt loam
 GPS Coordinates: 40.845137, -101.705653
 Trial Notes: Disked following fallow (corn in 2017)

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