



UNIVERSITY of NEBRASKA  
LINCOLN

## Saunders County Rainfed 2019 Winter Wheat Variety Trial

Name	Source/ Brand	Means				
		Yield (bu/ac) <sup>a</sup>	Protein (%)	Test Weight (lbs/bu)	Height (in)	1000 Kernel Weight (grams)
NE14434	UNL-Experimental	76.8	11.6	57.5	37.2	39.4
WB4303	WestBred	76.1	14.0	55.7	31.5	40.1
LCS Valiant	Limagrain Cereal Seeds	75.4	13.6	59.2	33.9	43.3
NE14538	UNL-Experimental	74.5	12.5	57.8	36.6	39.0
Zenda	KSU	74.4	12.3	60.9	35.0	43.6
WB4699	WestBred	71.7	12.3	58.0	30.0	35.6
Overland	Husker Genetics	70.6	12.8	58.9	36.1	39.7
WB-Grainfield	WestBred	68.9	11.7	53.6	36.9	35.3
NW13493	UNL-Experimental	68.0	13.9	57.1	35.4	39.2
NE12561 (Siege)	UNL-Experimental	66.9	13.4	59.8	34.2	42.3
NHH144913-3	UNL-Experimental	66.3	13.1	53.2	34.0	34.1
SY Monument	AgriPro	65.3	12.3	54.3	33.1	39.1
SY Wolf	AgriPro	65.0	13.2	56.9	33.1	41.4
Scout 66	Check	62.5	13.5	59.3	47.5	46.4
WB4269	WestBred	61.7	12.1	58.3	30.9	38.9
Mattern	USDA	61.7	13.2	54.9	38.5	38.6
Turkey	Check	61.2	13.3	59.2	46.7	44.9
Long Branch	Dyna-Gro	59.5	13.1	53.6	35.4	38.4
Freeman	Husker Genetics	56.9	12.2	53.8	35.9	35.7
WB4418	WestBred	56.4	13.1	56.9	31.5	36.6
SY Benefit	AgriPro	55.8	11.8	56.2	35.7	40.6
Matterhorn	USDA	54.5	13.2	54.4	36.9	38.4
Ruth	Husker Genetics	51.3	12.2	52.7	37.1	35.6
AM Eastwood	AgriMAXX	50.8	12.4	52.3	30.4	34.8
	Standard Error	3.3	0.3	0.8	0.5	1.1
	LSD <sup>b</sup>	7.3	0.9	2.0	1.5	3.2
	Mean <sup>c</sup>	64.7	12.8	56.4	35.6	39.2
	CV <sup>d</sup>	15.8	6.0	5.2	12.4	8.7

<sup>a</sup>Wheat yields were adjusted to 12% moisture.

<sup>b</sup>For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 95%.

<sup>c</sup>Mean value of all plots in the trial

<sup>d</sup>Coefficient of Variation (CV) indicates the quality of a trial; a number lower than 15 indicates a high quality trial.

### SITE INFORMATION

Collaborator:	UNL-ENREC/ARDC, Ithaca, NE	Herbicide/Fungicide:	NA
Planting Date:	10/4/18	Harvest Date:	7/11/19
Soil Type:	Filbert silt loam	Fertilization:	50 lb/ac N (46-0-0)
GPS Coordinates:	41.161059, -96.410770	Trial Notes:	Disked following oats

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