



UNIVERSITY of NEBRASKA
LINCOLN

Scottsbluff County Rainfed 2019 Winter Wheat Variety Trial

Name	Source/ Brand	Means				
		Yield (bu/ac) ^a	Protein (%)	Test Weight (lbs/bu)	Height (in)	1000 Kernel Weight (grams)
Cowboy	Wyoming	94.7	8.6	56.5	35.0	45.4
Ruth	Husker Genetics	81.2	10.3	56.4	36.0	44.1
WB4418	WestBred	81.0	10.4	56.0	36.0	41.6
Freeman	Husker Genetics	80.9	9.7	55.3	36.0	44.7
Panhandle	Husker Genetics	79.4	11.3	56.7	36.3	45.9
Robidoux	Husker Genetics	75.9	9.7	56.6	36.3	43.7
Spur	AgriPro	75.9	10.0	55.0	36.7	45.3
SY Monument	AgriPro	74.3	10.4	55.6	36.7	45.1
WB4595 (XB4520)	WestBred	73.2	9.7	58.2	35.3	46.3
WB4462	WestBred	72.8	10.5	57.0	35.3	50.7
Crescent AX	PlainsGold	71.0	9.9	57.3	36.3	49.8
Whistler	PlainsGold	70.8	9.7	56.7	36.7	46.1
LCS Chrome	Limagrain Cereal Seeds	70.7	11.3	56.4	36.3	41.9
WB-Grainfield	WestBred	70.5	10.2	56.8	36.0	45.2
Langin	PlainsGold	70.4	10.0	55.6	35.7	46.0
SY AP 18AX	AgriPro	69.6	9.6	55.9	36.0	47.7
WB4792	WestBred	69.0	9.8	58.3	36.0	44.8
NHH144913-3 (Talon)	UNL	68.8	9.9	54.4	36.0	45.1
Overland	Husker Genetics	68.7	10.6	54.6	35.3	44.4
Canvas	PlainsGold	68.7	10.1	57.0	35.7	42.2
CP7869	CROPLAN by Winfield United	68.3	10.5	56.9	35.0	48.1
CP7909	CROPLAN	68.0	9.9	56.8	35.7	44.0
SY Wolf	AgriPro	67.9	10.2	56.7	36.3	43.3
Winterhawk	WestBred	67.9	10.7	57.5	36.0	48.7
SY Legend CL2	AgriPro	67.0	11.1	57.4	36.3	47.1
LCS Revere	Limagrain Cereal Seeds	67.0	10.3	56.8	36.3	47.7
Pronghorn	Check	66.5	9.9	57.5	35.3	45.8
LCS Link	Limagrain Cereal Seeds	66.5	11.2	57.1	35.0	47.1
AM Eastwood	AgriMAXX	65.7	11.2	56.0	36.0	42.2
NE12561 (Seige)	UNL	65.3	10.9	58.0	36.0	45.7
LCS Avenger	Limagrain Cereal Seeds	64.7	10.8	55.9	36.7	46.2
NE14696	UNL	64.6	10.2	55.6	36.3	45.6
Long Branch	Dyna-Gro	64.5	10.3	56.6	36.0	46.2
CPCPX79-10	CROPLAN by Winfield United	63.5	11.3	55.3	36.3	47.0

Cheyenne County Rainfed
2019 Winter Wheat Variety Trial

2

Name	Source/Brand	Yield (bu/a)	Protein (%)	Test Weight (lb/bu)	Height (in)	1000 Kernel Weight (grams)
Settler CL	Husker Genetics	62.9	9.8	57.1	36.0	48.8
Mace	Check	62.7	10.9	55.0	36.3	41.9
Infinity CL	Check	62.7	10.4	56.8	36.7	44.8
NW13493	UNL	62.4	10.1	57.2	36.3	45.5
NE15624	UNL	61.3	10.5	56.4	36.0	42.5
Goodstreak	Check	60.8	10.5	57.1	36.0	45.4
NE14691	UNL	59.8	10.9	56.7	35.0	47.1
SY Rugged	AgriPro	59.7	10.5	56.1	36.7	47.4
NE10478-1	UNL	59.7	10.5	56.6	35.3	48.7
Camelot	NuPride	59.1	10.3	56.8	35.0	48.0
SY Wolverine (Exp 40-1)	AgriPro	59.0	10.4	56.3	35.3	45.1
Breck	PlainsGold	56.9		10.3		58.0
NE14434	UNL	54.6	9.8	55.2	36.3	44.4
Turkey	Check	53.0	11.9	56.4	36.7	43.3
Scout 66	Check	46.3	11.7	55.5	36.3	48.2
	SE	4.2	0.3	0.4	0.5	0.9
	LSD ^b	10.9	0.8	1.0	1.4	2.4
	Mean ^c	67.3	10.4	56.5	36	45.6
	CV ^d	17.5	6.9	1.1	2.4	5.3
	REPS	5	3	5	3	3
^a Wheat yields were adjusted to 12% moisture. ^b For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 95%. ^c Mean value of all plots in the trial ^d Coefficient of Variation (CV) indicates the quality of a trial, and lower than 15 indicates a high quality trial						

SITE INFORMATION

Collaborator: UNL-High Plains Agricultural Lab, Sidney
 Planting Date: 9/14/18
 Harvest Date: 8/6/19
 Fertilization: 50 lbs/ac 32-0-0 preplant, 10 lbs/ac 32-0-0 when sprayed
 Herbicide/Fungicide: 32 oz/ac RoundUp RT3 + 8 oz/ac LV6 + 2 qt/100 gal Class Act preplant; 8 oz LV6 + 10 lbs N before boot
 Soil Type: Alliance/Duroc loam
 GPS Coordinates: 41.235162, -102.998455
 Trial Notes: Conventional tillage following fallow (*proso millet* in 2017)

Do not reprint without permission. Contacts: [Amanda Easterly](#) or [Cody Creech](#)