



Box Butte County Irrigated 2019 Winter Wheat Variety Trial

Name	Source/Brand	Means		
		Yield (bu/ac) ^a	Test Weight (lbs/bu)	Height (inches)
NE15420	UNL-Experimental	119.6	55.7	32
WB4699	WestBred	113.6	53.9	28
WB4418	WestBred	111.4	54.4	33
AM Eastwood	AgriMAXX	111.2	55.0	32
NHH144913-3	UNL-Experimental	109.0	53.2	34
WB4303	WestBred	108.8	52.2	32
CPCPX79-10	CROPLAN	108.5	56.7	33
LCH14-52	Limagrain Cereal Seeds	106.7	56.3	32
WB4595 (XB4520)	WestBred	106.7	56.2	33
WB-Grainfield	WestBred	105.8	54.9	30
SY Wolf	AgriPro	104.2	56.4	35
WB4269	WestBred	104.1	53.5	30
Monarch	PlainsGold	100.8	54.6	33
SY Wolverine (Exp 40-1)	AgriPro	99.8	55.8	30
SY Sunrise	AgriPro	99.5	55.4	31
LCS Avenger	Limagrain Cereal Seeds	99.4	54.9	29
Wesley	Husker Genetics	98.4	54.1	31
WB4792	WestBred	98.4	55.2	33
CP7909	CROPLAN	97.1	56.6	27
Long Branch	Dyna-Gro	96.7	55.1	32
LCS Valiant	Limagrain Cereal Seeds	96.1	56.1	26
Cowboy	Wyoming	95.7	54.7	38
NE12561 (Siege)	UNL-Experimental	93.8	55.2	32
Canvas	PlainsGold	90.7	54.7	33
CP7869	CROPLAN	86.2	54.9	28
NE14434	UNL-Experimental	86.0	54.4	23
Robidoux	Husker Genetics	80.8	51.9	26
	Standard Error	3.5	0.3	NA
	LSD ^b	8.2	0.7	NA
	Mean ^c	101.1	54.9	31.0
	CV ^d	11.20168	2.447807	NA

^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, and lower than 15 indicates a high quality trial

SITE INFORMATION

Collaborator: Chris Cullan/Cullan Farms, Hemingford
Planting Date: 10/5/18
Harvest Date: 8/7/19
Fertilization: 50 lb/ac N+40 lb/ac P+10 lb/ac S starter, 60 lb N topdressed in spring, 75 lb N chemigated
Herbicide/Fungicide: 5 oz/ac LV6 applied in spring; Onset (tebuconazole) applied at flag leaf
Soil Type: Alliance-Rosebud loam
GPS Coordinates: 42.230210, -102.975570
Trial Notes: Conventional following dry bean (corn in 2017)

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