



Variety	Brand/Source	Market Class	Grain Yield ^a bu/ac	Test Weight lb/bu	Lodging avg score (1-9) ^b	Protein percent
CO18D007W	Colorado State University exp.	HWW	120	61	1	12.0
WB4595	WestBred	HRW	118	61	1	11.7
EXP 303	Allegiant	HRW	116	62	1	12.2
CO18D297R	Colorado State University exp.	HRW	112	62	6	12.2
Brawl CL Plus	PlainsGold	HRW	110	61	2	13.7
EXP 301	Allegiant	HRW	110	62	7	12.2
Snowmass 2.0	PlainsGold	HWW	110	60	5	12.0
Monarch	PlainsGold	HWW	109	60	4	11.4
CO13007-F6R	Colorado State University exp.	HRW	108	62	8	11.6
KS Silverado	Kansas Wheat Alliance	HWW	108	62	3	13.2
CO16D402W	Colorado State University exp.	HWW	108	60	6	11.5
CO16SF032	Colorado State University exp.	HRW	106	61	6	12.6
Breck	PlainsGold	HWW	106	61	7	12.9
CP7017AX	CROPLAN by WinField United	HRW	105	61	8	12.4
Crescent AX	PlainsGold	HRW	105	62	8	12.1
CO16D1487	Colorado State University exp.	HRW	105	61	4	10.8
Lonerider	Oklahoma Genetics Inc.	HRW	104	62	1	13.1
Breakthrough	Oklahoma Genetics Inc.	HRW	102	62	5	13.1
CP7050AX	CROPLAN by WinField United	HRW	102	62	5	13.7
CO16SF027	Colorado State University exp.	HRW	101	60	4	12.9
Canvas	PlainsGold	HRW	101	60	8	11.8
WB4418	WestBred	HRW	99	61	1	12.8
CO18D076W	Colorado State University exp.	HWW	99	61	9	11.8
KS Hamilton	Kansas Wheat Alliance	HRW	99	59	5	14.3
CO16SF070	Colorado State University exp.	HRW	98	59	1	13.7
Kivari AX	PlainsGold	HRW	92	59	9	12.2
CO16SF067	Colorado State University exp.	HRW	91	60	7	12.7
Guardian	PlainsGold	HRW	88	61	7	13.7
Average			105	61	5	12.5
°LSD (0.30)			5	1		
°LSD (0.05)			9	1		

^aYield adjusted to 12% moisture and varieties ranked by yield (highest to lowest). Variety yields in bold are in the top LSD group (0.30).

^bLodging score: 1 equals no lodging and 9 is severe lodging.

^cFarmers selecting a variety based on yield should use the LSD (0.30) to protect from false negative decisions. Companies or researchers may be interested in the LSD (0.05) to avoid false positive conclusions.

Site Information

Collaborator: Dorman Farms
Harvest date: July 20, 2021
Planting date: October 10, 2020
Soil Type: Noroka silt loam
GPS Coordinates: 39.35587, -102.16538

Trial Comments: Planted about 2" deep into good moisture and tilled corn residue. Visited mid-winter and moisture plentiful down to 4". Average fall growth but excellent stands. Good moisture throughout the spring. Radar estimates showed the trial received 13.8" of precipitation and 3878 growing degree-days (GDD) (base 32°F) from Jan. 1st through July 20th, which was 1.2" above and 240 GDD below the 10-year average, respectively.