



Variety	Brand/Source	Market Class	Grain Yield ^a bu/ac	Test Weight lb/bu	Plant Height in
Crescent AX	PlainsGold	HRW	71	63	34
Langin	PlainsGold	HRW	71	63	32
KS Hamilton	Kansas Wheat Alliance	HRW	68	62	33
CO18D007W	Colorado State University exp.	HWW	67	63	31
Canvas	PlainsGold	HRW	66	62	33
Snowmass 2.0	PlainsGold	HWW	66	61	32
*Langin Trt 2	Indigo Ag	HRW	65	63	30
Byrd CL Plus	PlainsGold	HRW	65	61	35
CO16D1487	Colorado State University exp.	HRW	65	62	33
Byrd	PlainsGold	HRW	64	62	32
CO13007-F6R	Colorado State University exp.	HRW	64	63	37
Whistler	PlainsGold	HRW	64	61	37
EXP 301	Allegiant	HRW	63	62	33
Denali	PlainsGold	HRW	63	61	36
Kivari AX	PlainsGold	HRW	63	61	34
Monarch	PlainsGold	HWW	63	62	31
Fortify SF	PlainsGold	HRW	63	63	34
Guardian	PlainsGold	HRW	62	62	35
CO16D402W	Colorado State University exp.	HWW	62	60	32
CO18D297R	Colorado State University exp.	HRW	62	62	32
KS Dallas	Kansas Wheat Alliance	HRW	62	60	34
CP7017AX	CROPLAN by WinField United	HRW	62	61	32
AP Solid	AgriPro	HRW	61	61	30
Avery	PlainsGold	HRW	61	62	36
CO16SF070	Colorado State University exp.	HRW	61	62	33
CO18D076W	Colorado State University exp.	HWW	60	60	35
EXP 303	Allegiant	HRW	60	62	35
CO16SF032	Colorado State University exp.	HRW	60	62	36
Hatcher	PlainsGold	HRW	60	61	36
CO16SF027	Colorado State University exp.	HRW	60	63	36
WB4595	WestBred	HRW	59	63	32
CO16SF067	Colorado State University exp.	HRW	59	62	35
AP Roadrunner	AgriPro	HRW	59	60	33
WB4418	WestBred	HRW	59	61	31
KS Silverado	Kansas Wheat Alliance	HWW	58	63	31
LCS Julep	Limagrain Cereal Seeds	HRW	57	62	34
Breck	PlainsGold	HWW	57	64	34
Warhorse	Montana State University	HRW	56	60	33
LCS Helix AX	Limagrain Cereal Seeds	HRW	56	62	31
Brawl CL Plus	PlainsGold	HRW	56	62	34
*Langin Trt 1	Indigo Ag	HRW	55	62	31
Lonerider	Oklahoma Genetics Inc.	HRW	54	62	33
LCS Atomic AX	Limagrain Cereal Seeds	HRW	54	61	30
CP7050AX	CROPLAN by WinField United	HRW	53	62	35
Average			61	62	33
^b LSD (0.30)			3	1	
^b LSD (0.05)			5	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).

^bFarmers 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.

*The Langin seed used in the Indigo Ag treatment was from a different source than the Langin seed by PlainsGold.

Site Information

Collaborator: Carlson Farms
 Harvest date: July 10, 2021
 Planting date: September 16, 2020
 Soil Type: Keith-Kuma silt loams
 GPS Coordinates: 40.89905, -102.22875
 Trial Comments: Planted 1.25" deep into moisture and no-till corn stalks. Visited in early March and good soil moisture. Stand was average and not much fall growth. Trial was dry by end of April, but had precipitation during May. Stands were variable and soil compaction negatively affected them in some areas of trial. Radar estimates showed the trial received 11.2" of precipitation and 3480 growing degree-days (GDD) (base 32°F) from Jan. 1st through July 10th, which was 1" and 57 GDD below the 10-year average, respectively.

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