



Variety	Brand/Source	Market Class	Grain Yield ^a bu/ac	Test Weight lb/bu	Plant Height in	Protein percent
Whistler	PlainsGold	HRW	63	57	33	8.5
Kivari AX	PlainsGold	HRW	62	57	31	8.2
Canvas	PlainsGold	HRW	60	60	30	9.6
CO16D402W	Colorado State University exp.	HWW	60	58	28	8.2
AP Roadrunner	AgriPro	HRW	60	57	29	9.3
CO16SF032	Colorado State University exp.	HRW	60	58	33	8.4
Avery	PlainsGold	HRW	59	58	30	8.8
Byrd	PlainsGold	HRW	57	58	31	7.9
CO16SF027	Colorado State University exp.	HRW	57	58	31	9.1
Byrd CL Plus	PlainsGold	HRW	57	57	33	10.2
CO16D1487	Colorado State University exp.	HRW	57	58	31	8.3
CO16SF070	Colorado State University exp.	HRW	57	58	28	9.0
CO18D007W	Colorado State University exp.	HWW	57	58	28	8.3
Monarch	PlainsGold	HWW	56	58	26	8.3
Breck	PlainsGold	HWW	56	59	31	9.5
CO16SF067	Colorado State University exp.	HRW	56	59	30	10.0
Crescent AX	PlainsGold	HRW	56	58	31	9.5
*Langin Trt 2	Indigo Ag	HRW	55	57	28	9.2
CO18D076W	Colorado State University exp.	HWW	55	58	29	8.3
KS Dallas	Kansas Wheat Alliance	HRW	54	58	26	9.2
CO13007-F6R	Colorado State University exp.	HRW	54	58	32	8.0
*Langin Trt 1	Indigo Ag	HRW	54	57	27	7.9
Snowmass 2.0	PlainsGold	HWW	54	58	27	10.3
Fortify SF	PlainsGold	HRW	54	58	31	9.1
CO18D297R	Colorado State University exp.	HRW	53	58	29	9.6
EXP 303	Allegiant	HRW	53	58	28	8.2
Langin	PlainsGold	HRW	53	57	27	9.3
LCS Helix AX	Limagrain Cereal Seeds	HRW	53	58	31	8.6
KS Hamilton	Kansas Wheat Alliance	HRW	53	58	27	8.9
WB4595	WestBred	HRW	52	58	29	9.0
WB4418	WestBred	HRW	52	57	28	9.1
Hatcher	PlainsGold	HRW	52	57	27	9.0
Denali	PlainsGold	HRW	51	59	31	8.1
Guardian	PlainsGold	HRW	51	58	41	8.6
CP7017AX	CROPLAN by WinField United	HRW	51	58	30	8.7
EXP 301	Allegiant	HRW	51	57	28	9.3
LCS Julep	Limagrain Cereal Seeds	HRW	50	58	32	9.6
AP Solid	AgriPro	HRW	50	58	28	9.6
KS Silverado	Kansas Wheat Alliance	HWW	50	58	27	9.8
LCS Atomic AX	Limagrain Cereal Seeds	HRW	50	58	31	9.5
Brawl CL Plus	PlainsGold	HRW	48	58	31	10.2
Warhorse	Montana State University	HRW	43	58	30	10.1
Lonerider	Oklahoma Genetics Inc.	HRW	42	59	27	9.0
CP7050AX	CROPLAN by WinField United	HRW	41	59	26	9.8
Average			54	58	30	9.0
^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: Stulp Farms
Harvest date: July 7, 2021
Planting date: September 14, 2020
Soil Type: Manvel silt loam
GPS Coordinates: 38.01238, -102.61787

Trial Comments: Planted 1.5" deep into moisture and no-till wheat stripper-header stubble. Great stand establishment in the fall and good growth. Winter moisture down past 4" in soil. Very lush and even growth by mid-April, but not much moisture left in soil profile. Trial received about 5" of precipitation in May. Radar estimates showed the trial received 11.6" of precipitation and 3725 growing degree-days (GDD) (base 32°F) from Jan. 1st through July 6th, which was 4.1" above and 324 GDD below the 10-year average, respectively.

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