

2026 Irrigated Winter Wheat Variety Performance Trial at Fort Collins

Variety	Brand/Source	Market Class	Grain Yield ^a bu/ac	Test Weight lb/bu	Protein percent	Heading days from trial avg ^b	Plant Height in
Telluride	PlainsGold	HWW	96.6	61.2	15.0	2	27
Hoyt SF	PlainsGold	HRW	96.0	61.7	14.9	2	25
CO19410R	Colorado State University exp.	HRW	95.2	60.4	14.9	1	24
CO20D108R	Colorado State University exp.	HRW	93.6	61.4	13.9	2	28
Guardian	PlainsGold	HRW	93.6	61.5	15.3	2	25
Kivari AX	PlainsGold	HRW	90.2	60.8	15.8	-1	27
Breck	PlainsGold	HWW	89.2	61.5	15.9	3	25
Outlaw	PlainsGold	HRW	88.6	60.0	15.4	-1	23
Sheridan	PlainsGold	HRW	88.4	60.0	15.0	2	26
Byrd CL Plus	PlainsGold	HRW	87.8	60.4	15.1	0	28
LCH23-9139	Limagrain exp.	HRW	87.7	61.4	15.1	1	24
NE Dunbar CLP	NU Horizon Genetics	HRW	87.3	59.4	15.7	-1	24
Monarch	PlainsGold	HWW	86.7	61.4	13.9	3	26
Amplify SF	PlainsGold	HRW	85.7	60.3	15.5	2	28
CP7869	Croplan	HRW	85.6	60.1	15.4	-1	25
Ramsay	Dyna-Gro	HRW	85.3	59.7	16.1	4	27
CO22056RA	Colorado State University exp.	HRW	84.8	60.3	15.0	-1	26
Snowmass 2.0	PlainsGold	HWW	83.7	60.2	15.1	0	24
Canvas	PlainsGold	HRW	82.7	61.4	15.7	1	25
Windom SF	PlainsGold	HWW	82.2	61.8	15.7	1	23
LCS Caballero AX	Limagrain	HRW	81.7	60.8	15.9	0	24
AP Sunbird	AgriPro	HRW	80.7	61.9	16.6	-3	25
LCS High Noon	Limagrain	HRW	78.0	60.4	15.9	-1	23
Crescent AX	PlainsGold	HRW	72.1	60.7	16.0	-5	26
Milestone	Dyna-Gro	HRW	70.6	57.5	16.6	5	24
LCS Helix AX	Limagrain	HRW	67.3	58.8	16.1	-3	25
CP7909	Croplan	HRW	62.6	59.3	15.6	-2	24
CP7599CLP	Croplan	HRW	60.9	59.5	17.4	-3	23
LCS Atomic AX	Limagrain	HRW	55.9	59.2	16.9	-6	24
CP7462	Croplan	HRW	55.2	57.7	17.5	-3	22
Average			82.0	60.3	15.6	May 11, 2026	25
°LSD (0.30)			5.1	0.9			
°LSD (0.05)			9.7	1.7			
Coefficient of Variation (CV)			4.9%	1.3%			

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

^bVarieties with positive values headed later than the trial average and varieties with negative values headed earlier than the trial average.

^cFarmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

Site Information

Collaborator: CSU Wheat Breeding Team and the Ag. Research, Development and Education Center (ARDEC)
Harvest date: July 13, 2026
Planting date: October 1, 2025
Soil Type: Fort Collins loam
GPS Coordinates: 40.65285, -104.99953
Trial Comments: Planted 1" deep, into moisture and tilled pinto bean residue. Fall emergence and stands were good. Minimal disease pressure. Russian wheat aphid pressure was consistent throughout the spring. A late spring freeze caused damage to many early maturity varieties.

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