

2026 Irrigated Winter Wheat Variety Performance Trial at Wiggins

Variety	Brand/Source	Market Class	Grain Yield ^a bu/ac	Test Weight lb/bu	Protein percent	Lodging percent	Plant Height in
Telluride	PlainsGold	HWW	168.5	63.0	14.1	34	33
Monarch	PlainsGold	HWW	160.6	62.9	12.3	8	30
Hoyt SF	PlainsGold	HRW	157.1	62.6	12.8	27	35
LCH23-9139	Limagrain exp.	HRW	156.9	62.2	13.1	25	39
CO20D108R	Colorado State University exp.	HRW	154.7	62.2	11.8	32	38
CO19410R	Colorado State University exp.	HRW	152.1	64.2	13.5	25	31
Snowmass 2.0	PlainsGold	HWW	146.5	63.1	13.4	17	30
LCS Caballero AX	Limagrain	HRW	145.6	62.4	12.8	20	36
Canvas	PlainsGold	HRW	145.3	62.8	14.8	3	28
CP7869	Croplan	HRW	144.5	63.2	13.8	18	27
Milestone	Dyna-Gro	HRW	144.4	60.2	13.2	0	31
Sheridan	PlainsGold	HRW	143.0	63.2	11.8	8	34
Outlaw	PlainsGold	HRW	142.9	61.3	13.4	20	27
LCS High Noon	Limagrain	HRW	141.9	62.9	13.8	43	36
Ramsay	Dyna-Gro	HRW	140.2	61.2	13.2	3	34
Windom SF	PlainsGold	HWW	139.3	65.7	13.4	2	31
CP7462	Croplan	HRW	137.7	61.2	12.6	3	31
LCS Atomic AX	Limagrain	HRW	136.4	62.7	14.6	22	33
Crescent AX	PlainsGold	HRW	136.1	62.6	13.2	58	34
Breck	PlainsGold	HWW	136.1	63.8	14.5	78	36
LCS Helix AX	Limagrain	HRW	135.8	63.6	12.9	35	34
Amplify SF	PlainsGold	HRW	134.6	61.4	13.6	33	39
CO22056RA	Colorado State University exp.	HRW	134.0	61.6	13.5	42	35
CP7599CLP	Croplan	HRW	131.9	62.6	13.7	38	36
NE Dunbar CLP	NU Horizon Genetics	HRW	130.2	63.1	14.1	7	33
Byrd CL Plus	PlainsGold	HRW	130.0	63.0	13.5	58	37
Guardian	PlainsGold	HRW	128.5	64.2	14.7	38	32
CP7909	Croplan	HRW	126.6	61.0	14.4	8	33
Kivari AX	PlainsGold	HRW	126.0	62.3	13.8	75	29
AP Sunbird	AgriPro	HRW	122.4	63.4	14.1	61	39
Average			141.0	62.6	13.5	28	33
^b LSD (0.30)			7.7	0.9			
^b LSD (0.05)			14.8	1.8			
Coefficient of Variation (CV)			6.9%	1.2%			

^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).

^bFarmers 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: Cooksey Farms LLC (Dustin and Jim Cooksey)
Harvest date: July 14, 2026
Planting date: September 30, 2025
Soil Type: Heldt clay loam
GPS Coordinates: 40.00791645, -104.09961642
Trial Comments: Planted 1.5" deep, into moisture and no-till black-eyed pea residue. Fall emergence and stands were excellent. Very dry winter and early spring. Trial received around 14" of irrigation during the growing season with 2-3" applied in the fall. Minimal disease pressure noted. Trial was sprayed with Lorsban for aphids and fungicide in May.

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