

## 2025 Dryland Winter Wheat Variety Performance Trial at Lamar

Variety	Brand/Source	Market				Plant Height
		Class	Grain Yield <sup>a</sup> bu/ac	Test Weight lb/bu	Protein percent	
CO19D087R	Colorado State University exp.	HRW	<b>85.6</b>	58.6	9.8	31
Langin	PlainsGold	HRW	<b>84.6</b>	58.0	8.3	31
CO22SF003R	Colorado State University exp.	HRW	<b>84.6</b>	59.8	10.4	32
Breck	PlainsGold	<b>HWW</b>	<b>83.1</b>	60.8	10.0	33
CO19410R	Colorado State University exp.	HRW	82.8	<b>61.6</b>	9.8	32
CO21D1790R	Colorado State University exp.	HRW	81.9	60.0	9.1	33
CO22SF047RA	Colorado State University exp.	HRW	81.2	61.3	9.6	34
CO20D036R	Colorado State University exp.	HRW	80.6	60.1	9.8	32
CO21SFD0950R	Colorado State University exp.	HRW	79.9	57.2	9.5	32
AP Sunbird	AgriPro	HRW	79.6	61.4	9.6	32
CO18042RA	Colorado State University exp.	HRW	79.1	60.5	9.0	31
Kivari AX	PlainsGold	HRW	79.1	58.5	9.0	34
Whistler	PlainsGold	HRW	78.9	60.4	9.4	34
Monarch	PlainsGold	<b>HWW</b>	77.8	60.7	9.7	31
CO20D108R	Colorado State University exp.	HRW	77.6	60.5	9.8	31
Avery	PlainsGold	HRW	76.7	60.4	9.4	34
Snowmass 2.0	PlainsGold	<b>HWW</b>	76.2	60.0	9.9	32
Telluride	PlainsGold	<b>HWW</b>	76.1	60.9	10.3	31
Byrd	PlainsGold	HRW	75.9	59.7	9.8	34
Windom SF	PlainsGold	<b>HWW</b>	75.5	59.7	10.4	31
Guardian	PlainsGold	HRW	75.1	60.4	10.2	33
Crescent AX	PlainsGold	HRW	74.9	60.1	10.5	33
CP7017AX	Croplan	HRW	74.6	<b>62.1</b>	10.2	32
AR Iron Eagle 22AX	Armor	HRW	73.6	61.4	10.3	30
CP7909	Croplan	HRW	73.6	58.8	10.6	32
CO200037R	Colorado State University exp.	HRW	72.5	<b>61.8</b>	11.0	32
Sheridan	PlainsGold	HRW	72.5	59.9	10.6	32
Canvas	PlainsGold	HRW	72.1	61.2	11.0	31
CO21SF191RA	Colorado State University exp.	HRW	71.6	58.0	10.9	34
KS Territory	Kansas Wheat Alliance	HRW	71.4	59.7	10.5	31
CP7869	Croplan	HRW	70.9	58.9	9.8	31
CO20022RC	Colorado State University exp.	HRW	70.5	61.1	10.6	31
CO20SFD019R	Colorado State University exp.	HRW	70.0	59.0	10.0	32
AR Turret 25	Armor	HRW	69.7	58.0	10.2	30
CO21SF226R	Colorado State University exp.	HRW	69.3	59.6	10.0	35
CO20SFD020R	Colorado State University exp.	HRW	68.5	60.7	9.2	33
Byrd CL Plus	PlainsGold	HRW	67.7	60.0	9.1	33
KS Bill Snyder	Kansas Wheat Alliance	HRW	67.6	58.3	10.7	28
Fortify SF	PlainsGold	HRW	66.0	58.9	10.1	34
CO21SF263RA	Colorado State University exp.	HRW	65.6	58.4	10.9	33
Amplify SF	PlainsGold	HRW	64.5	60.0	10.5	32
CO22SF039M	Colorado State University exp.	HRW	58.6	<b>61.8</b>	10.9	32
<b>Average</b>			<b>74.5</b>	<b>60.0</b>	<b>10.0</b>	<b>32</b>
<sup>b</sup> LSD (0.30)			2.5	0.6		
<sup>b</sup> LSD (0.05)			4.7	1.2		
Coefficient of Variation (CV)			2.8	0.9		

<sup>a</sup>Grain 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).

<sup>b</sup>Farmers 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: Stulp Farms (Jensen Stulp)  
 Harvest date: June 26, 2025  
 Planting date: September 24, 2024  
 Soil Type: Manvel silt loam  
 GPS Coordinates: 38.012272, -102.6220459  
 Trial Comments: Planted 1.5" deep, into mixed moisture and no-till wheat fallow residue. Fall emergence and stands were excellent, good moisture through most of fall and winter. Good growth in the spring, field and trial area were grazed in late winter by cattle. Timely rainfall received in spring and 2" was accumulated from a storm in early May.