

## 2025 Dryland Winter Wheat Variety Performance Trial at Sheridan Lake

Variety	Brand/Source	Market Class	Grain Yield <sup>a</sup>	Test Weight	Protein	Plant Height
			bu/ac	lb/bu	percent	in
Whistler	PlainsGold	HRW	<b>75.8</b>	61.7	-	29
Avery	PlainsGold	HRW	72.0	61.0	10.3	30
CO21D1790R	Colorado State University exp.	HRW	69.1	60.6	9.9	27
Breck	PlainsGold	<b>HWW</b>	68.4	<b>62.7</b>	-	26
Sheridan	PlainsGold	HRW	68.3	60.3	10.3	27
AR Iron Eagle 22AX	Armor	HRW	68.3	<b>62.1</b>	9.2	27
Snowmass 2.0	PlainsGold	<b>HWW</b>	68.2	59.0	10.5	27
Kivari AX	PlainsGold	HRW	68.2	58.4	10.3	27
CO19D087R	Colorado State University exp.	HRW	68.0	61.1	9.3	24
CO20D036R	Colorado State University exp.	HRW	68.0	61.1	10.1	26
CO20022RC	Colorado State University exp.	HRW	67.9	61.2	9.5	25
KS Territory	Kansas Wheat Alliance	HRW	67.9	60.3	10.2	24
AP Sunbird	AgriPro	HRW	67.8	61.2	9.1	25
CO22SF047RA	Colorado State University exp.	HRW	67.6	<b>62.6</b>	9.2	28
CO19410R	Colorado State University exp.	HRW	67.5	<b>62.1</b>	10.2	26
CO21SF226R	Colorado State University exp.	HRW	67.4	<b>61.9</b>	10.1	28
CO200037R	Colorado State University exp.	HRW	67.3	60.5	-	26
CO20D108R	Colorado State University exp.	HRW	67.1	59.2	9.5	25
CO20SFD020R	Colorado State University exp.	HRW	66.9	<b>62.4</b>	9.4	27
Langin	PlainsGold	HRW	66.7	60.9	10.1	25
Telluride	PlainsGold	<b>HWW</b>	66.7	61.2	9.9	26
Windom SF	PlainsGold	<b>HWW</b>	66.6	<b>62.6</b>	10.4	24
Monarch	PlainsGold	<b>HWW</b>	66.3	59.7	10.1	26
CO21SFD0950R	Colorado State University exp.	HRW	66.1	57.5	9.7	28
CO22SF003R	Colorado State University exp.	HRW	65.8	60.4	9.6	26
Canvas	PlainsGold	HRW	65.6	59.1	9.9	26
CP7017AX	Croplan	HRW	65.5	61.7	9.6	24
Guardian	PlainsGold	HRW	65.5	61.3	10.5	26
CP7909	Croplan	HRW	64.9	61.0	10.3	25
CO21SF191RA	Colorado State University exp.	HRW	63.9	58.9	10.3	29
Byrd	PlainsGold	HRW	63.5	61.5	10.3	26
AR Turret 25	Armor	HRW	63.2	59.9	10.1	26
Byrd CL Plus	PlainsGold	HRW	62.7	61.0	10.1	28
CP7869	Croplan	HRW	62.6	60.0	10.3	24
Amplify SF	PlainsGold	HRW	61.8	61.2	10.3	26
Crescent AX	PlainsGold	HRW	61.5	61.2	10.8	28
KS Bill Snyder	Kansas Wheat Alliance	HRW	61.4	61.0	10.5	22
Fortify SF	PlainsGold	HRW	60.8	60.5	10.5	25
CO21SF263RA	Colorado State University exp.	HRW	58.1	56.8	10.0	27
CO22SF039M	Colorado State University exp.	HRW	57.8	58.2	12.0	26
CO20SFD019R	Colorado State University exp.	HRW	57.1	60.8	9.7	25
CO18042RA	Colorado State University exp.	HRW	57.1	59.0	10.4	25
<b>Average</b>			<b>65.5</b>	<b>60.5</b>	<b>10.1</b>	<b>26</b>
<sup>b</sup> LSD (0.30)			2.3	0.9		
<sup>b</sup> LSD (0.05)			4.3	1.8		
Coefficient of Variation (CV)			3.4	1.1		

<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: Scherler Farms  
 Harvest date: June 26, 2025  
 Planting date: September 24, 2024  
 Soil Type: Wiley loam 38.5385583,  
 GPS Coordinates: -102.469833  
 Trial Comments: Planted 1.5" deep, into mixed moisture and tilled sorghum residue. Fall emergence was below-average and stands were spotty. Good growth in the spring and some spring emergence noted. Low level of brown wheat mites noted in April. Timely rainfall received in spring.

*The data included in this table may not be republished without permission. Contact Sally Jones-Diamond (sally.jones@colostate.edu)*