

## 2025 Dryland Winter Wheat Variety Performance Trial at Burlington

Variety	Brand/Source	Market					Plant Height
		Class	Grain Yield <sup>a</sup> bu/ac	Test Weight lb/bu	Protein percent	WSMV scale (1-9) <sup>b</sup>	
CO19410R	Colorado State University exp.	HRW	<b>77.3</b>	57.9	14.4	2	25
Avery	PlainsGold	HRW	72.9	57.4	13.9	1	27
Telluride	PlainsGold	<b>HWW</b>	72.6	57.4	14.9	2	26
Crescent AX	PlainsGold	HRW	72.0	56.7	14.1	2	25
CO20022RC	Colorado State University exp.	HRW	72.0	<b>59.4</b>	14.5	2	24
Whistler	PlainsGold	HRW	71.6	57.1	14.5	2	28
CO200037R	Colorado State University exp.	HRW	71.1	<b>59.9</b>	14.2	1	27
Breck	PlainsGold	<b>HWW</b>	70.8	<b>59.3</b>	14.7	2	27
CO20D036R	Colorado State University exp.	HRW	69.7	56.8	13.7	4	25
AP Sunbird	AgriPro	HRW	69.7	58.5	13.7	2	25
CO20D108R	Colorado State University exp.	HRW	69.4	56.7	14.1	2	25
Byrd	PlainsGold	HRW	67.6	57.0	13.6	3	26
Monarch	PlainsGold	<b>HWW</b>	67.4	58.0	13.7	3	26
CP7017AX	Croplan	HRW	66.2	58.9	14.7	2	24
KS Territory	Kansas Wheat Alliance	HRW	65.8	57.9	14.2	2	25
Langin	PlainsGold	HRW	65.8	56.6	14.3	3	24
Snowmass 2.0	PlainsGold	<b>HWW</b>	65.7	57.7	14.4	3	25
CO22SF047RA	Colorado State University exp.	HRW	65.7	56.0	13.9	3	26
Canvas	PlainsGold	HRW	65.4	59.1	14.9	2	25
KS Bill Snyder	Kansas Wheat Alliance	HRW	65.4	57.7	14.0	1	25
AR Iron Eagle 22AX	Armor	HRW	65.3	58.9	13.7	3	24
CO20SFD020R	Colorado State University exp.	HRW	65.0	56.6	14.5	2	27
CO21D1790R	Colorado State University exp.	HRW	64.6	56.8	13.6	3	24
Fortify SF	PlainsGold	HRW	64.0	56.8	14.4	2	25
CO19D087R	Colorado State University exp.	HRW	63.9	55.1	13.9	3	24
Byrd CL Plus	PlainsGold	HRW	63.7	56.3	14.3	2	27
Sheridan	PlainsGold	HRW	60.9	57.8	14.5	3	26
CO20SFD019R	Colorado State University exp.	HRW	59.9	56.9	15.5	3	23
Guardian	PlainsGold	HRW	59.0	57.8	14.2	3	25
CO21SF226R	Colorado State University exp.	HRW	58.5	58.5	14.1	2	27
Kivari AX	PlainsGold	HRW	56.9	55.5	15.6	3	26
CO18042RA	Colorado State University exp.	HRW	56.8	55.6	13.3	2	24
CO22SF003R	Colorado State University exp.	HRW	56.8	56.2	14.5	3	26
CO21SFD0950R	Colorado State University exp.	HRW	55.3	54.8	15.3	3	26
Windom SF	PlainsGold	<b>HWW</b>	53.1	58.4	14.5	3	24
CO22SF039M	Colorado State University exp.	HRW	51.5	56.2	15.6	4	25
CO21SF191RA	Colorado State University exp.	HRW	51.1	54.0	16.6	3	28
AR Turret 25	Armor	HRW	51.0	57.2	15.0	5	25
Amplify SF	PlainsGold	HRW	51.0	56.2	14.1	5	26
CP7869	Croplan	HRW	47.1	56.0	15.1	4	25
CO21SF263RA	Colorado State University exp.	HRW	47.0	52.2	16.1	2	28
CP7909	Croplan	HRW	43.0	56.1	14.8	6	25
		<b>Average</b>	<b>62.5</b>	<b>57.0</b>	<b>14.5</b>	<b>3</b>	<b>25</b>
		<sup>c</sup> LSD (0.30)	2.7	0.6			
		<sup>c</sup> LSD (0.05)	5.1	1.1			
		Coefficient of Variation (CV)	4.6	0.8			

<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>WSMV (wheat streak mosaic virus) score reflects overall reaction (1=resistant to 9=susceptible) of varieties to this virus.

<sup>c</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: Barry Hinkhouse and Brad Yahn  
 Harvest date: July 9, 2025  
 Planting date: October 4, 2024  
 Soil Type: Kuma-Keith silt loams  
 GPS Coordinates: 39.2851853, -102.279391  
 Trial Comments: Planted 1.5" deep with chisels down into moisture. Fall emergence and stands were excellent. Good growth in the spring, but in April Triticum mosaic virus symptoms were apparent and pressure was heavy.