

# 2025 Dryland Winter Wheat

## Variety Performance Trial at Julesburg

Variety	Brand/Source	Market Class	Grain Yield <sup>a</sup>	Test Weight	Protein	Plant Height
			bu/ac	lb/bu	percent	in
CO21D1790R	Colorado State University exp.	HRW	<b>67.9</b>	58.2	12.8	31
CO22SF047RA	Colorado State University exp.	HRW	<b>66.2</b>	59.2	13.4	34
CO200037R	Colorado State University exp.	HRW	<b>64.9</b>	57.3	13.6	30
Whistler	PlainsGold	HRW	<b>64.7</b>	56.5	13.2	36
CO21SF226R	Colorado State University exp.	HRW	<b>64.2</b>	<b>60.1</b>	13.3	33
AP Bigfoot	AgriPro	HRW	<b>64.1</b>	58.5	13.3	30
Byrd CL Plus	PlainsGold	HRW	62.4	58.2	12.8	34
CO20022RC	Colorado State University exp.	HRW	61.9	58.5	13.3	29
Sheridan	PlainsGold	HRW	61.8	57.1	13.3	33
Langin	PlainsGold	HRW	61.3	58.2	13.1	28
CO20D036R	Colorado State University exp.	HRW	60.9	57.6	14.0	29
KS Bill Snyder	Kansas Wheat Alliance	HRW	60.7	57.3	14.1	27
Breck	PlainsGold	<b>HWW</b>	60.2	<b>59.4</b>	13.6	29
Monarch	PlainsGold	<b>HWW</b>	60.0	56.9	13.0	30
Byrd	PlainsGold	HRW	59.9	58.8	13.5	30
KS Territory	Kansas Wheat Alliance	HRW	59.3	56.7	14.2	31
CO19D087R	Colorado State University exp.	HRW	59.2	56.6	13.4	28
CO22SF008WC	Colorado State University exp.	<b>HWW</b>	58.6	56.1	13.7	35
AR Iron Eagle 22AX	Armor	HRW	58.6	59.2	14.0	27
CO20SFD020R	Colorado State University exp.	HRW	58.0	57.6	13.2	28
AP Solid	AgriPro	HRW	57.9	58.6	13.8	31
Canvas	PlainsGold	HRW	57.5	56.5	13.5	31
CO22SF003R	Colorado State University exp.	HRW	57.4	56.0	13.3	31
Amplify SF	PlainsGold	HRW	57.4	58.5	13.7	30
CO21SF191RA	Colorado State University exp.	HRW	57.3	55.2	14.5	34
Crescent AX	PlainsGold	HRW	57.0	58.4	13.3	33
KS Homesteader CL+	Kansas Wheat Alliance	HRW	56.2	57.3	14.9	30
Windom SF	PlainsGold	<b>HWW</b>	56.1	<b>59.5</b>	14.0	28
AP Sunbird	AgriPro	HRW	55.8	58.4	13.2	28
Fortify SF	PlainsGold	HRW	55.2	57.2	13.5	31
CO19410R	Colorado State University exp.	HRW	55.2	58.2	13.9	30
CO20SFD019R	Colorado State University exp.	HRW	54.8	58.6	14.3	29
Snowmass 2.0	PlainsGold	<b>HWW</b>	54.6	56.2	14.8	25
Avery	PlainsGold	HRW	54.3	57.2	13.1	31
CO20D108R	Colorado State University exp.	HRW	54.1	55.6	13.7	33
Telluride	PlainsGold	<b>HWW</b>	54.0	56.5	14.0	28
Kivari AX	PlainsGold	HRW	53.7	56.4	12.3	30
CP7869	Croplan	HRW	53.5	58.1	14.5	27
CO18042RA	Colorado State University exp.	HRW	53.1	56.1	13.4	23
Guardian	PlainsGold	HRW	53.0	56.8	15.5	28
CO21SFD0950R	Colorado State University exp.	HRW	52.4	54.6	13.2	33
AR Turret 25	Armor	HRW	52.4	57.9	14.3	26
CP7017AX	Croplan	HRW	52.3	57.4	13.5	27
CP7909	Croplan	HRW	52.1	57.8	14.0	27
WB4444	WestBred	HRW	51.8	54.9	15.2	28
WB4733CLP	WestBred	HRW	50.5	54.7	15.6	27
CO22SF039M	Colorado State University exp.	HRW	49.8	57.7	15.8	29
NHH19668	University of Nebraska-Lincoln Exp.	HRW	49.3	57.0	14.7	30
Valley	Frenchman Valley Coop	<b>HWW</b>	48.2	53.5	14.3	32
CO21SF263RA	Colorado State University exp.	HRW	47.4	53.1	15.2	34
MT WarCat	Montana State University	HRW	47.0	53.3	15.4	27
CO22SFD101R	Colorado State University exp.	HRW	46.5	57.3	14.6	32
<b>Average</b>			<b>56.5</b>	<b>57.0</b>	<b>13.9</b>	<b>30</b>
<sup>b</sup> LSD (0.30)			4.1	0.8		
<sup>b</sup> LSD (0.05)			7.8	1.5		
Coefficient of Variation (CV)			7.7	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

<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: Carlson Farms (Jim Carlson)  
 Harvest date: July 15, 2025  
 Planting date: September 25, 2024  
 Soil Type: Keith-Kuma silt loams  
 GPS Coordinates: 40.836209, -102.33952  
 Trial Comments: Planted 1" deep, into dry ground and no-till corn residue. Fall emergence and stands were poor. Spring emerged plants helped trial get to final stand of ~75%. Well-timed moisture in the spring and early summer allowed for increased plant tillering and good yield.

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