

## 2025 Dryland Winter Wheat Variety Performance Trial at Walsh

Variety	Brand/Source	Market Class	Grain Yield <sup>a</sup>		Protein percent	Yellowing Disease rating (1-9) <sup>b</sup>	Plant Height in
			bu/ac	lb/bu			
Whistler	PlainsGold	HRW	<b>79.6</b>	57.0	13.4	1	32
Telluride	PlainsGold	<b>HWW</b>	<b>76.9</b>	57.7	13.8	1	28
Breck	PlainsGold	<b>HWW</b>	<b>76.8</b>	59.1	14.9	1	31
CO19410R	Colorado State University exp.	HRW	74.2	58.7	13.4	1	29
Avery	PlainsGold	HRW	73.5	57.0	14.0	1	30
CO200037R	Colorado State University exp.	HRW	73.4	<b>60.0</b>	12.6	1	30
CO20D108R	Colorado State University exp.	HRW	73.3	58.2	12.4	1	28
CO22SF047RA	Colorado State University exp.	HRW	73.2	58.4	13.1	2	30
Byrd	PlainsGold	HRW	72.6	57.7	13.8	3	31
CO20022RC	Colorado State University exp.	HRW	71.7	59.2	13.4	1	30
Langin	PlainsGold	HRW	71.1	57.2	13.5	2	26
CO20SFD020R	Colorado State University exp.	HRW	70.2	57.3	13.8	1	29
KS Territory	Kansas Wheat Alliance	HRW	69.6	58.9	13.1	2	30
CO19D087R	Colorado State University exp.	HRW	69.5	56.6	13.7	1	27
Guardian	PlainsGold	HRW	69.2	58.4	14.2	5	30
CO20D036R	Colorado State University exp.	HRW	69.0	57.5	13.4	1	28
CO21D1790R	Colorado State University exp.	HRW	69.0	58.1	13.2	1	29
KS Bill Snyder	Kansas Wheat Alliance	HRW	68.7	58.6	13.2	2	27
Sheridan	PlainsGold	HRW	68.5	57.2	13.8	1	31
Canvas	PlainsGold	HRW	68.5	58.8	13.0	2	29
Monarch	PlainsGold	<b>HWW</b>	68.4	58.0	12.9	1	27
Crescent AX	PlainsGold	HRW	68.2	58.5	13.3	2	33
CP7017AX	Croplan	HRW	67.4	59.1	13.6	1	29
AP Sunbird	AgriPro	HRW	65.5	58.8	14.1	1	31
CO21SFD0950R	Colorado State University exp.	HRW	65.4	56.1	13.4	2	29
AR Iron Eagle 22AX	Armor	HRW	65.0	58.9	13.4	1	30
Snowmass 2.0	PlainsGold	<b>HWW</b>	64.9	57.1	13.4	4	30
CO21SF191RA	Colorado State University exp.	HRW	64.0	55.2	14.9	1	29
Byrd CL Plus	PlainsGold	HRW	63.6	57.6	13.7	2	31
CO21SF226R	Colorado State University exp.	HRW	63.3	58.6	13.8	2	31
AR Turret 25	Armor	HRW	62.2	56.7	14.5	7	29
CO20SFD019R	Colorado State University exp.	HRW	61.9	58.0	14.0	2	29
Amplify SF	PlainsGold	HRW	61.6	57.2	14.0	5	32
Windom SF	PlainsGold	<b>HWW</b>	60.6	58.7	14.0	4	29
CO22SF003R	Colorado State University exp.	HRW	60.6	57.3	13.6	3	32
Kivari AX	PlainsGold	HRW	59.6	56.5	14.0	5	29
CO18042RA	Colorado State University exp.	HRW	58.3	57.2	14.3	3	27
Fortify SF	PlainsGold	HRW	58.1	57.2	14.4	1	30
CP7869	Croplan	HRW	57.3	56.7	14.3	7	29
CO22SF039M	Colorado State University exp.	HRW	56.8	57.7	14.5	1	30
CO21SF263RA	Colorado State University exp.	HRW	56.1	53.9	15.0	1	29
CP7909	Croplan	HRW	46.4	55.3	14.6	8	27
<b>Average</b>			<b>66.5</b>	<b>57.5</b>	<b>13.7</b>	<b>2</b>	<b>30</b>
<sup>c</sup> LSD (0.30)			3.5	0.4			
<sup>c</sup> LSD (0.05)			6.6	0.8			
Coefficient of Variation (CV)			4.2	0.5			

<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>Yellowing disease score reflects overall reaction (1=resistant to 9=susceptible) of varieties to this disease which seems to be associated with Triticum mosaic virus (TriMV).

<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: Plainsman Research Center (Zane Jenkins and Perry Jones)  
 Harvest date: June 26, 2025  
 Planting date: September 27, 2024  
 Soil Type: Wiley loam  
 GPS Coordinates: 37.434262330, -102.31464905  
 Trial Comments: Planted 1.5" deep, into moisture and no-till sorghum residue. Fall emergence and stands were excellent, good moisture through most of fall and winter. Good growth in the spring, moderate cutworm pressure in April which was sprayed. Heavy yellowing disease pressure noted in May/June.