

2026 Dryland Winter Wheat Variety Performance Trial at Yuma

Variety	Brand/Source	Market	Grain Yield ^a bu/ac	Test Weight lb/bu	Protein percent	Plant Height in
		Class				
Whistler	PlainsGold	HRW	26.2	58.8	10.8	23
KS Tradition	Kansas Wheat Alliance	HRW	23.0	56.9	9.8	20
NSF22115	University of Nebraska-Lincoln exp.	HRW	19.6	59.1	12.4	24
Bernd	USDA-ARS & Colo. State Univ.	HRW	18.4	56.1	11.2	20
Breck	PlainsGold	HWW	17.4	57.6	11.5	17
Guardian	PlainsGold	HRW	17.1	57.1	12.4	20
CO210077R	Colorado State University exp.	HRW	16.5	57.4	12.7	22
Amplify SF	PlainsGold	HRW	16.3	56.3	13.5	23
CO19410R	Colorado State University exp.	HRW	16.1	55.6	11.7	18
CO22SFD168W	Colorado State University exp.	HWW	16.1	57.8	12.6	19
CO21SF226R	Colorado State University exp.	HRW	16.0	58.0	13.6	18
Snowmass 2.0	PlainsGold	HWW	16.0	59.9	12.7	22
CO20D068W	Colorado State University exp.	HWW	15.6	56.9	12.3	14
CP7462	Croplan	HRW	15.3	54.7	12.2	18
KS Territory	Kansas Wheat Alliance	HRW	15.1	59.3	13.5	17
CO22D002R	Colorado State University exp.	HRW	14.7	57.6	12.2	18
Gabriel	PlainsGold	HRW	14.5	56.9	12.5	18
Hoyt SF	PlainsGold	HRW	14.4	55.7	13.4	19
KS Homesteader CL+	Kansas Wheat Alliance	HRW	14.3	58.4	13.4	18
CO21SF197R	Colorado State University exp.	HRW	14.2	58.0	12.7	24
Windom SF	PlainsGold	HWW	13.6	56.6	11.7	17
CP7017AX	Croplan	HRW	13.5	58.0	12.7	18
CO210418R	Colorado State University exp.	HRW	13.5	60.3	12.7	21
CO20D108R	Colorado State University exp.	HRW	13.4	56.9	12.2	21
AP Solid	AgriPro	HRW	13.4	55.9	13.4	21
CO21D1790R	Colorado State University exp.	HRW	13.1	55.9	12.9	19
Monarch	PlainsGold	HWW	12.7	55.9	14.2	17
Ramsay	Dyna-Gro	HRW	12.5	54.3	13.2	18
CO22194RA	Colorado State University exp.	HRW	12.4	56.9	14.3	22
CO22195RA	Colorado State University exp.	HRW	12.3	60.1	12.8	23
NSF23324	University of Nebraska-Lincoln exp.	HRW	12.3	55.9	15.0	19
CO23SFD004RA	Colorado State University exp.	HRW	12.3	54.7	12.4	18
Byrd	PlainsGold	HRW	12.1	59.0	13.5	23
CO20022RC	Colorado State University exp.	HRW	11.8	56.6	14.3	19
Avery	PlainsGold	HRW	11.8	54.8	12.8	23
Outlaw	PlainsGold	HRW	11.7	57.2	14.0	21
NHH19651	University of Nebraska-Lincoln exp.	HRW	11.6	55.5	14.7	19
Telluride	PlainsGold	HWW	11.6	55.4	12.7	19
CO21SF240R	Colorado State University exp.	HRW	11.5	57.5	14.2	20
Byrd CL Plus	PlainsGold	HRW	11.5	56.0	13.7	23
Canvas	PlainsGold	HRW	11.3	57.5	13.9	19
AP Tango	AgriPro	HRW	11.3	54.0	14.4	19
CP7599CLP	Croplan	HRW	11.1	56.7	14.2	16
Milestone	Dyna-Gro	HRW	10.7	52.8	13.8	18
Sheridan	PlainsGold	HRW	10.0	58.0	14.7	22
CO22SF047RA	Colorado State University exp.	HRW	9.8	58.3	13.8	20
Crescent AX	PlainsGold	HRW	9.7	58.4	14.3	20
Kivari AX	PlainsGold	HRW	9.4	54.0	12.6	19
Fortify SF	PlainsGold	HRW	8.8	55.1	14.4	19
AP Sunbird	AgriPro	HRW	8.8	56.7	15.3	24
CO20D036R	Colorado State University exp.	HRW	8.4	56.8	14.2	19
CP7869	Croplan	HRW	7.6	53.0	16.0	18
Langin	PlainsGold	HRW	7.5	55.0	14.4	22
CO23SFD035RC	Colorado State University exp.	HRW	6.2	-	-	18
CO23SFD034RC	Colorado State University exp.	HRW	6.0	52.3	14.6	18
CP7909	Croplan	HRW	5.0	-	-	14
Average			13.0	56.5	13.2	19

^aGrain yield was adjusted to 12% moisture, and varieties are ranked by yield (highest to lowest). This trial was affected by virus and late-season freeze damage, preventing valid statistical interpretation of varietal performance. These results are not suitable for evaluating or comparing varieties due to environmental stress substantially confounding varietal response.

Site Information

Collaborator: Andrews Brothers
 Harvest date: July 1, 2026
 Planting date: September 16, 2025
 Soil Type: Haxtun sandy loam
 GPS Coordinates: 40.18619, -102.65641
 Trial Comments: Planted 1.25" deep into moisture and no-till sorghum residue. Fall emergence and stands were excellent. Very dry winter and early spring. There was medium pressure from Wheat streak mosaic virus (WSMV) and Triticum mosaic virus (TriMV). Freeze damage noted from late-season cold temperatures. Total moisture from planting to harvest was 11.3", with 6.5" of the precipitation received in May and June.

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