



**2022 Dryland Winter Wheat Variety
Performance Trial at Genoa**

Variety	Brand/Source	Market Class	Grain Yield ^a (bu/ac)	Test Weight (lb/bu)	Plant Height (in)	Wheat Stem Sawfly Cutting (avg score 1-9) ^b	Protein (percent)
Kivari AX	PlainsGold	HRW	25.5	60	21	1	16.0
AP Solid	AgriPro	HRW	25.0	62	17	1	14.9
Monarch	PlainsGold	HWW	24.0	60	17	1	14.9
Avery	PlainsGold	HRW	23.5	60	19	1	14.1
CO18D007W	Colorado State University exp.	HWW	22.5	60	14	1	16.5
Amplify SF	PlainsGold	HRW	21.5	60	18	1	16.3
CO18035RA	Colorado State University exp.	HRW	21.5	60	15	1	16.7
Byrd	PlainsGold	HRW	21.5	59	17	1	15.5
CO17449R	Colorado State University exp.	HRW	21.0	60	15	2	17.3
CO13D1479	Colorado State University exp.	HWW	21.0	61	17	1	15.7
Crescent AX	PlainsGold	HRW	20.5	61	16	1	17.0
AP Roadrunner	AgriPro	HRW	20.5	58	14	2	16.7
Fortify SF	PlainsGold	HRW	20.5	61	19	1	16.4
CO18SFD009W	Colorado State University exp.	HWW	20.5	60	15	1	16.3
CO16SF032	Colorado State University exp.	HRW	20.5	61	16	1	15.7
Byrd CL Plus	PlainsGold	HRW	20.0	59	18	2	17.3
CO16D402W	Colorado State University exp.	HWW	20.0	60	13	1	16.1
KS Hamilton	Kansas Wheat Alliance	HRW	19.5	60	12	1	15.8
Breck	PlainsGold	HWW	19.5	62	15	1	14.9
CP7017AX	CROPLAN	HRW	19.0	59	15	1	16.6
CP7266AX	CROPLAN	HRW	19.0	61	14	1	16.5
KS Silverado	Kansas Wheat Alliance	HWW	19.0	61	14	1	15.7
Langin	PlainsGold	HRW	19.0	60	13	1	15.7
CO18D076W	Colorado State University exp.	HWW	19.0	61	16	1	15.1
Whistler	PlainsGold	HRW	18.5	58	16	1	15.9
Canvas	PlainsGold	HRW	18.5	63	15	1	15.7
Snowmass 2.0	PlainsGold	HWW	18.5	60	16	1	15.5
CO18042RA	Colorado State University exp.	HRW	18.0	59	17	1	17.6
CO18D297R	Colorado State University exp.	HRW	17.5	59	17	1	16.1
MS Maverick	Meridian Seeds	HRW	17.0	59	17	2	16.5
CO16SF067	Colorado State University exp.	HRW	16.5	59	18	1	17.5
Steamboat	Crop Research Foundation of Wyoming, Inc.	HRW	16.5	61	18	1	16.8
AP Bigfoot	AgriPro	HRW	16.5	60	17	1	16.5
Guardian	PlainsGold	HRW	16.5	60	18	1	16.4
KS Dallas	Kansas Wheat Alliance	HRW	16.0	60	16	1	15.7
SY Legend CL2	AgriPro	HRW	15.0	61	15	2	16.1
Sunshine	PlainsGold	HWW	14.0	59	13	1	16.6
Ray	PlainsGold	HRW	13.5	53	24	3	16.4
Hatcher	PlainsGold	HRW	13.5	62	16	1	15.3
Brawl CL Plus	PlainsGold	HRW	13.0	62	15	2	17.3
Average			19.0	60	16	1	16.1

†This trial could not be interpreted due to plot variation caused by very dry growing conditions. Average yields reported above are only trends and averages should not be considered different from each other. Yield results should not be used by farmers for selecting superior varieties for planting.

Site Information

Collaborator: Homestead Farms

Harvest date: July 13, 2022

Planting date: September 15, 2021

Soil Type: Weld silt loam

GPS Coordinates: 39.35086, -103.50872

Trial Comments: Planted 2" deep into good moisture. Fall emergence was average with little growth. In mid-April there was moisture 3" from the soil surface. In mid-May the trial looked very drought stressed. Radar estimates showed the trial received 8.4" of precipitation (including 1.6" rainfall event on July 6th) and 3494 growing degree-days (GDD) (base 32°F) from Jan. 1st through July 13th, which was 1.6" below and 118 GDD above the 10-year average, respectively.

*The data included in this table may not be republished without permission.
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