

## Crops Testing

## 2020 Dryland Winter Wheat Variety Performance Trial at Yuma

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height	Heading
			bu/ac	lb/bu	in	days from trial avg <sup>a</sup>
KS Silverado	Wildcat Genetics	HWW	77.1	59.0	29	-1
Snowmass 2.0	PlainsGold	HWW	76.5	55.7	31	-1
Langin	PlainsGold	HRW	75.7	56.4	31	-2
EXP 2	Indigo Ag	HRW	74.4	56.8	29	-2
CO14A055-258	Colorado State University exp.	HRW	72.9	56.2	30	1
EXP 1	Indigo Ag	HRW	72.1	57.2	28	-1
CO15D098R	Colorado State University exp.	HRW	71.9	58.9	35	1
Sunshine	PlainsGold	HWW	71.6	55.9	34	0
Monarch	PlainsGold	HWW	71.3	57.3	32	0
Avery	PlainsGold	HRW	71.1	56.0	33	0
WB-Grainfield	WestBred - Bayer Crop Science	HRW	71.0	57.5	34	-2
Brawl CL Plus	PlainsGold	HRW	69.9	58.9	34	-1
CO16SF070	Colorado State University exp.	HRW	69.5	57.6	29	0
Byrd CL Plus	PlainsGold	HRW	69.4	57.3	31	0
SY Rugged	AgriPro	HRW	69.0	56.5	28	0
CP7869	CROPLAN by WinField United	HRW	69.0	60.1	30	-1
LCS Helix AX	Limagrain Cereal Seeds	HRW	68.4	59.4	31	0
Whistler	PlainsGold	HRW	68.1	53.8	34	2
CO14A136-135	Colorado State University exp.	HRW	67.9	56.1	32	2
CO16SF028	Colorado State University exp.	HRW	67.8	58.2	31	1
CO16SF065	Colorado State University exp.	HRW	67.7	57.3	32	1
Denali	PlainsGold	HRW	67.5	57.5	33	2
CP7909	CROPLAN by WinField United	HRW	67.5	59.9	28	-1
EXP 303	Allegiant	HRW	67.5	58.8	31	2
Breck	PlainsGold	HWW	67.5	60.4	31	0
KS Dallas	Wildcat Genetics	HRW	67.3	56.3	31	0
CP7017AX			66.8		29	-1
Canvas	CROPLAN by WinField United PlainsGold	HRW	66.4	56.6 54.5	30	-1 1
CP7050AX		HRW		5 <b>9.8</b>	30	-2
	CROPLAN by WinField United	HRW	66.1			
Byrd	PlainsGold	HRW	66.0	55.3	32	-1 0
CO16SF032	Colorado State University exp.	HRW	65.9	58.3	33	
Fortify SF	PlainsGold	HRW	65.8	58.0	31	0
CO17128C	Colorado State University exp.	HRW	65.8	55.8	32	1
SY Wolverine	AgriPro	HRW	65.5	58.1	28	0
Crescent AX	PlainsGold	HRW	65.3	57.9	31	0
Hatcher	PlainsGold	HRW	65.0	57.7	29	0
SY Legend CL2	AgriPro	HRW	64.1	57.2	29	-1
Guardian	PlainsGold	HRW	63.8	57.7	31	1
WB4595	WestBred - Bayer Crop Science	HRW	63.4	58.7	31	1
SY Monument	AgriPro	HRW	63.3	56.0	31	2
Long Branch	Dyna-Gro Seed	HRW	63.2	56.6	31	0
CO16SF026	Colorado State University exp.	HRW	63.1	56.6	33	0
KS Western Star		HRW	62.2	56.3	30	-1
TAM 114	AGSECO	HRW	62.1	59.3	29	-1
CO16SF027	Colorado State University exp.	HRW	62.1	55.6	32	0
Spur	AgriPro	HRW	61.3	53.4	28	5
Snowmass	PlainsGold	HWW	59.2	59.1	32	0
CO16SF067	Colorado State University exp.	HRW	57.9	56.5	31	2
CO16SF075	Colorado State University exp.	HRW	54.9	56.8	32	1
CO16SF074	Colorado State University exp.	HRW	54.3	55.1	33	2
CO16SF049	Colorado State University exp.	HRW	53.1	55.9	29	3
Incline AX	PlainsGold	HRW	52.6	55.1	31	3
	Average		66.3	57.2	31	5/22/2020
	<sup>b</sup> LSD (P<0.30)		2.5	1.5		

<sup>&</sup>lt;sup>a</sup>Varieties with positive values headed later than the trial average and varieties with negative values headed earlier than the trial average.

## **Site Information**

Collaborator: Andrews Brothers Farms
Harvest date: July 3, 2020
Planting date: September 18, 2019
Soil Type: Haxtun sandy loam
GPS Coordinates: 40.18664, -102.65426

Trial Comments: Planted (dusted-in) about 2" deep. Planted into wheat stubble (fallow prior year). Stands were excellent

overall and plants had lush growth and tillering in spring. Trial had good moisuture throughout the spring. A

mid-April hard freeze caused minor damage mostly to leaves.

<sup>&</sup>lt;sup>b</sup>If the difference between two variety yield or test weight values equals or exceeds the LSD values, there is a 70% chance the difference is significant. Variety yield and test weight in bold are in the top LSD group.