



2020 Irrigated Winter Wheat Variety
Performance Trial at Fort Collins

Variety	Brand/Source	Market Class	Yield	Test Weight	Height	Lodging
			bu/ac	lb/bu	in	avg score (1-9) ^a
Canvas	PlainsGold	HRW	133.7	65.1	34	1
EXP 303	Allegiant	HRW	132.3	65.2	34	1
CP7909	CROPLAN by WinField United	HRW	130.7	64.0	36	4
CO14A136-135	Colorado State University exp.	HRW	129.9	62.2	36	4
CO17128C	Colorado State University exp.	HRW	128.4	64.0	35	4
WB4595	WestBred - Bayer Crop Science	HRW	128.3	65.0	35	2
Monarch	PlainsGold	HWW	127.3	63.0	32	1
Sunshine	PlainsGold	HWW	126.1	64.8	36	6
Long Branch	Dyna-Gro Seed	HRW	125.6	62.3	37	7
SY Wolverine	AgriPro	HRW	125.0	64.1	33	2
CP7869	CROPLAN by WinField United	HRW	124.3	62.2	35	6
CP7017AX	CROPLAN by WinField United	HRW	124.2	64.1	33	4
Denali	PlainsGold	HRW	123.6	64.8	35	4
KS Silverado	Wildcat Genetics	HWW	123.0	65.6	33	1
Snowmass 2.0	PlainsGold	HWW	122.7	63.8	34	6
WB-Grainfield	WestBred - Bayer Crop Science	HRW	122.7	63.8	37	2
KS Western Star	Wildcat Genetics	HRW	121.9	63.6	36	1
Crescent AX	PlainsGold	HRW	121.7	63.9	36	8
CO15D098R	Colorado State University exp.	HRW	120.5	64.0	37	4
Breck	PlainsGold	HWW	120.3	65.3	34	3
CO16SF065	Colorado State University exp.	HRW	119.2	63.0	35	4
CO16SF070	Colorado State University exp.	HRW	119.2	63.2	34	2
CO14A055-258	Colorado State University exp.	HRW	119.2	62.0	35	9
CO16SF028	Colorado State University exp.	HRW	116.5	66.2	35	1
Guardian	PlainsGold	HRW	114.5	62.6	36	7
Brawl CL Plus	PlainsGold	HRW	113.0	65.3	37	1
CO16SF026	Colorado State University exp.	HRW	112.7	64.3	37	4
CO16SF074	Colorado State University exp.	HRW	112.2	61.7	36	5
CO16SF032	Colorado State University exp.	HRW	111.2	64.2	36	6
CO16SF027	Colorado State University exp.	HRW	110.9	64.3	36	4
CO16SF075	Colorado State University exp.	HRW	110.8	61.4	36	7
CO16SF049	Colorado State University exp.	HRW	108.8	61.8	34	4
CO16SF067	Colorado State University exp.	HRW	108.1	61.5	36	8
CP7050AX	CROPLAN by WinField United	HRW	105.0	64.0	37	2
Average			120.4	63.7	35	4
^b LSD (P<0.30)			3.3	0.6		

^aLodging score: 1 equals no lodging and 9 is severe lodging.

^bIf 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.

Site Information

Collaborator: CSU Wheat Improvement Team and the Ag. Research, Development and Education Center (ARDEC)

Harvest date: July 13, 2020

Planting date: September 25, 2019

Soil Type: Fort Collins loam

GPS Coordinates: 40.652947, -104.99922

Trial Comments: Trial planted into moisture and irrigation applied within a few days of planting to ensure good emergence. Some fall growth, trial was dry in early March but some rain received later in March and field was irrigated in early April. A mid-April hard freeze caused moderate damage to heads and leaves. Trial received timely rain and supplemental irrigation throughout spring and early summer. Fungicide applied on May 30 (MiCrop at 12 oz/ac).

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