



2018 Irrigated Winter Wheat Variety
Performance Trial at Fort Collins

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height	Heading
			bu/ac	lb/bu	in	days from trial avg ^a
Long Branch	Dyna-Gro Seed	HRW	108.1	58.4	35	-2
WB4303	WestBred Monsanto	HRW	107.2	55.1	32	0
WB4418	WestBred Monsanto	HRW	106.6	58.2	33	-1
Denali	PlainsGold	HRW	104.4	61.0	34	2
SY Wolf	AgriPro Syngenta	HRW	104.2	59.5	33	2
SY Sunrise	AgriPro Syngenta	HRW	100.1	60.5	31	1
LCS Chrome	Limagrain Cereal Seeds	HRW	99.4	59.5	35	0
Breck	PlainsGold	HWW	99.4	60.7	34	0
Sunshine	PlainsGold	HWW	99.0	60.5	34	-2
Thunder CL	PlainsGold	HWW	98.8	58.6	35	-1
WB-Grainfield	WestBred Monsanto	HRW	96.4	59.2	34	-3
Brawl CL Plus	PlainsGold	HRW	96.2	60.5	34	-2
Underwood	Dyna-Gro Seed	HRW	93.3	59.6	32	0
WB4458	WestBred Monsanto	HRW	90.6	59.6	34	-1
AM Eastwood	AgriMaxx Wheat	HRW	90.4	59.2	31	-1
Experimentals						
CO14A136	Colorado State University exp.	HRW	110.9	60.2	34	-1
CO15D098R	Colorado State University exp.	HRW	110.6	60.5	36	1
CO14A050	Colorado State University exp.	HRW	110.2	61.0	35	-2
CO14A070	Colorado State University exp.	HRW	109.9	60.2	35	-1
CO15D129R	Colorado State University exp.	HRW	109.7	61.3	33	0
CO15D027RC	Colorado State University exp.	HRW	108.9	61.1	36	2
CO12D1770	Colorado State University exp.	HRW	108.8	61.8	32	1
CO13D1383	Colorado State University exp.	HWW	108.5	59.6	33	1
CO13D1299	Colorado State University exp.	HWW	108.3	60.3	33	-1
CO12D296	Colorado State University exp.	HRW	107.9	61.5	31	1
CO15D127R	Colorado State University exp.	HRW	107.3	58.7	31	2
CO13007	Colorado State University exp.	HRW	107.1	60.5	36	0
CO15D094R	Colorado State University exp.	HRW	106.4	60.7	36	0
CO12D597	Colorado State University exp.	HRW	106.3	60.0	35	1
CO15A018	Colorado State University exp.	HRW	106.1	58.7	32	-2
CO15D130W	Colorado State University exp.	HWW	103.8	59.0	31	-2
CO13D1486	Colorado State University exp.	HWW	103.6	60.3	34	0
CO13D1638	Colorado State University exp.	HWW	102.0	58.7	34	2
CO13D0787	Colorado State University exp.	HRW	100.6	59.8	34	1
CO13D1164	Colorado State University exp.	HWW	100.4	59.3	35	0
CO15SFD092	Colorado State University exp.	HRW	100.3	60.6	33	-2
CO13D1714	Colorado State University exp.	HWW	98.0	60.0	35	-1
CO15D063RC	Colorado State University exp.	HRW	95.2	59.8	33	-1
Average			103.3	59.8	34	0
^b LSD (P<0.30)			3.5			

^aVarieties with positive values headed later than the trial average and varieties with negative values headed earlier than the trial average.

^bIf the difference between two variety yields equals or exceeds the LSD value, there is a 70% chance the difference is significant. Variety yields in bold are in the top LSD group.

Site Information

Cooperator: CSU Wheat Improvement Team and the Agricultural Research, Development and Education Center (ARDEC)
 Harvest date: July 18, 2018
 Planting date: September 22, 2017
 Trial Comments: Planted into good moisture and 1.1" rain received day after planting. Trial had very good stands by early November and lush growth. Trial received moisture during winter and more precipitation in late April (0.45"). Trial was irrigated regularly starting in mid March as needed until July 1. No disease or insect pest issues noted in the trial.

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