



2017 Irrigated Winter Wheat Variety
Performance Trial at Burlington

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height	Lodging
			bu/ac	lb/bu	in	score (1-9) ^a
Sunshine	PlainsGold	HWW	116.1	51.0	36	7
SY Wolf	AgriPro Syngenta	HRW	115.9	52.2	38	4
Langin	PlainsGold	HRW	114.4	54.1	37	8
Brawl CL Plus	PlainsGold	HRW	113.3	53.1	38	1
KanMark	Kansas Wheat Alliance	HRW	111.6	53.7	31	2
SY Sunrise	AgriPro Syngenta	HRW	110.9	54.2	34	8
Larry	Kansas Wheat Alliance	HRW	110.4	54.4	36	2
Byrd	PlainsGold	HRW	110.1	55.2	38	6
Thunder CL	PlainsGold	HWW	109.5	53.6	37	1
Cowboy	Crop Research Foundation of WY	HRW	109.4	52.3	37	9
WB4303	WestBred Monsanto	HRW	108.0	50.7	35	3
Denali	PlainsGold	HRW	106.8	56.3	42	5
WB-Grainfield	WestBred Monsanto	HRW	106.2	55.6	39	6
WB4458	WestBred Monsanto	HRW	99.4	52.3	35	2
Avery	PlainsGold	HRW	98.0	53.9	40	8
Antero	PlainsGold	HWW	92.7	54.9	39	8
Experimentals						
CO13D1383	Colorado State University exp.	HWW	127.9	54.4	36	3
CO13D1299	Colorado State University exp.	HWW	124.5	55.1	36	5
CO12D2011	Colorado State University exp.	HWW	118.9	54.8	39	6
CO12D597	Colorado State University exp.	HRW	112.9	54.5	37	8
CO12D296	Colorado State University exp.	HRW	112.0	53.8	36	8
CO13D0787	Colorado State University exp.	HRW	111.7	55.4	35	8
CO13D1638	Colorado State University exp.	HWW	110.1	53.7	39	8
CO13W187	Colorado State University exp.	HWW	108.3	55.4	42	7
CO13D1783	Colorado State University exp.	HRW	107.1	53.4	39	9
CO13D1379	Colorado State University exp.	HWW	104.8	53.2	37	5
CO13D1714	Colorado State University exp.	HWW	103.3	56.6	38	7
CO12D1770	Colorado State University exp.	HRW	101.2	53.1	38	7
CO13D1479	Colorado State University exp.	HWW	100.8	54.1	38	8
CO13D2042	Colorado State University exp.	HWW	98.7	55.4	37	8
CO12M0367	Colorado State University exp.	HRW	96.7	53.2	38	7
CO13D1164	Colorado State University exp.	HWW	94.8	54.7	38	8
Average			108.3	54.0	37	6
LSD (P<0.30)			8.0			

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

^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: Eastern Colorado Seeds - Clay Smith

Harvest date: July 19, 2017

Planting date: October 11, 2016

Trial Comments: Planted into moist soil in tilled silage corn residue. Irrigation was turned on after mid-April. Significant lodging was observed by June and variety lodging scores appear in table.

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