



2017 Dryland 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
Langin	PlainsGold	HRW	100.2	57.4	38	6
Byrd	PlainsGold	HRW	98.8	57.7	40	4
Sunshine	PlainsGold	HWW	95.8	55.3	37	1
Antero	PlainsGold	HWW	93.9	55.8	36	2
Avery	PlainsGold	HRW	91.8	57.2	38	6
Joe	Kansas Wheat Alliance	HWW	91.7	54.7	36	4
Tatanka	Kansas Wheat Alliance	HRW	91.4	54.9	36	4
WB-Grainfield	WestBred Monsanto	HRW	90.5	56.3	38	2
Larry	Kansas Wheat Alliance	HRW	89.3	56.5	38	1
Denali	PlainsGold	HRW	88.5	54.9	42	2
LCS Mint	Limagrain Cereal Seeds	HRW	86.5	55.7	40	2
WB4462	WestBred Monsanto	HRW	86.0	58.8	41	2
Brawl CL Plus	PlainsGold	HRW	85.7	57.4	34	1
Ruth	Husker Genetics	HRW	84.6	57.4	38	2
WB4721	WestBred Monsanto	HRW	83.2	56.2	37	1
Winterhawk	WestBred Monsanto	HRW	83.0	56.7	38	2
SY Rugged	AgriPro Syngenta	HRW	82.9	54.6	35	2
SY Wolf	AgriPro Syngenta	HRW	82.2	54.3	37	1
SY Monument	AgriPro Syngenta	HRW	81.8	55.0	34	2
Settler CL	Husker Genetics	HRW	81.8	53.8	35	2
Oakley CL	Kansas Wheat Alliance	HRW	80.9	56.7	38	7
Snowmass	PlainsGold	HWW	79.2	56.3	38	7
TAM 114	AGSECO	HRW	78.2	57.3	36	3
Hatcher	PlainsGold	HRW	76.8	54.8	39	5
Cowboy	Crop Research Foundation of WY	HRW	76.6	53.7	39	1
LCS Chrome	Limagrain Cereal Seeds	HRW	76.5	56.7	39	2
Loma	Montana State University	HRW	33.4	52.3	36	1
Experimentals						
CO12D296	Colorado State University exp.	HRW	109.7	57.7	36	1
CO12D1770	Colorado State University exp.	HRW	109.6	56.8	37	1
CO13D1299	Colorado State University exp.	HWW	106.5	56.2	37	2
CO13D1714	Colorado State University exp.	HWW	103.3	58.6	39	3
CO13D1638	Colorado State University exp.	HWW	103.1	56.8	38	3
CO13D0787	Colorado State University exp.	HRW	98.1	58.9	36	2
CO12D2011	Colorado State University exp.	HWW	96.9	58.4	37	3
CO13D1383	Colorado State University exp.	HWW	94.7	56.9	36	2
CO13D2042	Colorado State University exp.	HWW	94.1	58.2	39	1
CO12D597	Colorado State University exp.	HRW	92.6	58.1	39	7
CO13D1783	Colorado State University exp.	HRW	92.5	53.9	40	6
CO13D1479	Colorado State University exp.	HWW	91.6	56.5	39	2
CO13D1164	Colorado State University exp.	HWW	89.9	57.7	40	3
CO13D1379	Colorado State University exp.	HWW	89.4	55.8	37	1
CO13003C	Colorado State University exp.	HRW	88.5	56.9	39	2
CO13W187	Colorado State University exp.	HWW	82.9	55.3	38	2
CO12M0367	Colorado State University exp.	HRW	82.3	55.7	39	2
CO14A065	Colorado State University exp.	HRW	66.6	52.1	38	2
CO14A058	Colorado State University exp.	HRW	59.9	52.4	38	5
Average			87.5	56.1	38	3

^bLSD (P<0.30)

5.1

^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 6, 2017

Planting date: September 13, 2016

Fertilizer: Fall: N at 85 and P at 35 lb/ac Spring: N at 35 lb/ac

Herbicide: Affinity at 6/10 oz/ac and Barrage at 4 oz/ac applied April 14

Fungicide: Alto at 3 oz/ac applied April 14 and Trivapro applied on May 20

Trial Comments: Planted trial into moisture but very little moisture received during fall and winter. In November, good growth and root development were noted. Trial received timely and large amounts of rainfall from late March through grain-fill in June. Significant WSMV in the field but much less in the variety trial due to a later planting date. Significant lodging was observed at harvest and variety lodging scores appear in table.

This table may be reproduced only in its entirety.