



2017 Dryland Winter Wheat Variety
Performance Trial at Arapahoe

Variety	Brand/Source	Market Class	Yield bu/ac	Test Weight lb/bu	Plant Height in
Byrd	PlainsGold	HRW	72.3	60.3	30
Avery	PlainsGold	HRW	69.0	60.2	32
Antero	PlainsGold	HWW	66.6	59.3	26
Langin	PlainsGold	HRW	63.2	58.6	24
Snowmass	PlainsGold	HWW	62.4	59.8	27
Hatcher	PlainsGold	HRW	60.9	58.7	25
Oakley CL	Kansas Wheat Alliance	HRW	55.6	60.2	28
LCS Mint	Limagrain Cereal Seeds	HRW	55.2	59.7	29
Joe	Kansas Wheat Alliance	HWW	55.0	60.4	28
WB-Grainfield	WestBred Monsanto	HRW	54.8	60.3	27
Sunshine	PlainsGold	HWW	54.6	58.7	26
Tatanka	Kansas Wheat Alliance	HRW	54.3	58.3	21
SY Wolf	AgriPro Syngenta	HRW	54.3	58.9	28
Brawl CL Plus	PlainsGold	HRW	53.6	59.3	25
TAM 114	AGSECO	HRW	53.4	59.6	29
Settler CL	Husker Genetics	HRW	53.2	57.8	24
Ruth	Husker Genetics	HRW	53.2	59.7	27
Cowboy	Crop Research Foundation of WY	HRW	53.0	57.7	26
Denali	PlainsGold	HRW	49.8	57.7	24
SY Rugged	AgriPro Syngenta	HRW	49.3	59.0	22
SY Monument	AgriPro Syngenta	HRW	49.0	58.4	25
Larry	Kansas Wheat Alliance	HRW	48.8	58.4	28
LCS Chrome	Limagrain Cereal Seeds	HRW	47.5	58.7	22
WB4462	WestBred Monsanto	HRW	47.0	59.2	26
Winterhawk	WestBred Monsanto	HRW	46.2	59.8	33
WB4721	WestBred Monsanto	HRW	44.2	60.3	22
Loma	Montana State University	HRW	33.7	56.2	25
Experimentals					
CO13D1783	Colorado State University exp.	HRW	77.7	59.7	33
CO12D597	Colorado State University exp.	HRW	68.9	61.2	26
CO12D296	Colorado State University exp.	HRW	68.8	61.6	29
CO13003C	Colorado State University exp.	HRW	66.0	58.8	25
CO12D1770	Colorado State University exp.	HRW	64.0	61.8	30
CO13D1638	Colorado State University exp.	HWW	63.8	59.8	25
CO12D2011	Colorado State University exp.	HWW	63.3	61.0	26
CO13D1714	Colorado State University exp.	HWW	63.2	61.1	26
CO13D1383	Colorado State University exp.	HWW	62.8	59.7	28
CO13D1164	Colorado State University exp.	HWW	61.2	59.8	31
CO13D1479	Colorado State University exp.	HWW	60.3	59.7	28
CO13D0787	Colorado State University exp.	HRW	57.5	60.3	24
CO14A058	Colorado State University exp.	HRW	57.1	58.1	21
CO13D2042	Colorado State University exp.	HWW	56.9	59.8	25
CO13W187	Colorado State University exp.	HWW	53.1	60.3	32
CO14A065	Colorado State University exp.	HRW	52.7	56.2	25
CO13D1379	Colorado State University exp.	HWW	52.2	59.2	23
CO13D1299	Colorado State University exp.	HWW	50.1	59.9	27
CO12M0367	Colorado State University exp.	HRW	48.6	58.4	26
Average			56.7	59.4	27
ªLSD (P<0.30)			3.8		

ªIf 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: Campbell Farms
 Harvest date: July 5, 2017
 Planting date: September 13, 2016
 Fertilizer: N at 60 lb/ac applied in split-application
 Fungicide: Quilt applied in mid-May for stripe rust control
 Trial Comments: Planted into moisture. Plants had 5-6 tillers and soil moisture was good in early November. Average-to-good root development. Some freeze damage was noted in early spring and drought stress, brown wheat mite, and RWA symptoms were apparent. Trial was jointing by mid-April and significant drought stress symptoms were noted at that time. WSMV was prevalent in the trial and symptoms of BYDV were observed in November.

This table may be reproduced only in its entirety.