



2017 Dryland Winter Wheat Variety
Performance Trial at Roggen

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height	Virus
			bu/ac	lb/bu	in	score (1-9) ^a
Antero	PlainsGold	HWW	73.1	61.3	35	5
Avery	PlainsGold	HRW	71.4	62.1	36	2
Byrd	PlainsGold	HRW	70.5	63.0	32	3
Langin	PlainsGold	HRW	70.1	63.0	30	5
SY Wolf	AgriPro Syngenta	HRW	68.6	62.6	33	6
SY Rugged	AgriPro Syngenta	HRW	67.9	61.7	32	7
Joe	Kansas Wheat Alliance	HWW	66.9	62.5	36	2
LCS Mint	Limagrain Cereal Seeds	HRW	66.6	63.2	34	5
Snowmass	PlainsGold	HWW	66.2	62.2	36	3
Tatanka	Kansas Wheat Alliance	HRW	65.3	62.5	33	5
Winterhawk	WestBred Monsanto	HRW	65.2	61.5	34	5
Denali	PlainsGold	HRW	65.1	60.9	35	3
Oakley CL	Kansas Wheat Alliance	HRW	65.0	61.6	34	2
WB4462	WestBred Monsanto	HRW	64.2	62.2	34	9
Sunshine	PlainsGold	HWW	64.1	62.2	34	6
Settler CL	Husker Genetics	HRW	62.9	61.0	32	6
Hatcher	PlainsGold	HRW	62.8	62.3	30	6
Cowboy	Crop Research Foundation of WY	HRW	62.2	60.1	33	6
WB-Grainfield	WestBred Monsanto	HRW	62.0	63.7	34	8
LCS Chrome	Limagrain Cereal Seeds	HRW	61.7	61.6	35	6
Brawl CL Plus	PlainsGold	HRW	61.3	63.4	33	7
Ruth	Husker Genetics	HRW	61.0	62.3	34	6
SY Monument	AgriPro Syngenta	HRW	60.6	60.2	33	9
WB4721	WestBred Monsanto	HRW	59.1	63.2	33	8
Larry	Kansas Wheat Alliance	HRW	58.3	62.2	32	9
TAM 114	AGSECO	HRW	56.4	62.4	31	6
Loma	Montana State University	HRW	36.5	58.1	32	8
Experimentals						
CO13D1638	Colorado State University exp.	HWW	74.6	61.0	32	3
CO12D296	Colorado State University exp.	HRW	74.4	64.0	32	3
CO13D1783	Colorado State University exp.	HRW	73.3	60.6	35	1
CO12D597	Colorado State University exp.	HRW	71.8	62.1	34	3
CO13D0787	Colorado State University exp.	HRW	71.4	63.8	33	1
CO13003C	Colorado State University exp.	HRW	70.4	61.3	32	5
CO12D1770	Colorado State University exp.	HRW	69.4	63.3	31	3
CO12D2011	Colorado State University exp.	HWW	68.0	63.2	32	4
CO13D1299	Colorado State University exp.	HWW	67.6	63.0	29	6
CO13D1164	Colorado State University exp.	HWW	67.1	62.0	34	2
CO13D1383	Colorado State University exp.	HWW	65.7	62.3	32	4
CO13D1714	Colorado State University exp.	HWW	65.2	61.8	35	3
CO14A065	Colorado State University exp.	HRW	65.1	58.6	35	4
CO13D1379	Colorado State University exp.	HWW	65.0	62.1	31	5
CO14A058	Colorado State University exp.	HRW	63.8	58.9	34	5
CO12M0367	Colorado State University exp.	HRW	63.0	60.7	32	7
CO13D1479	Colorado State University exp.	HWW	62.9	61.3	36	3
CO13D2042	Colorado State University exp.	HWW	62.4	61.9	34	4
CO13W187	Colorado State University exp.	HWW	62.0	63.5	39	6
Average			65.2	61.9	33	5
^b LSD (P<0.30)			2.7			

^aVirus score reflects overall reaction (1=resistant to 9=susceptible) to wheat curl mite-transmitted viruses, which may include wheat streak mosaic virus, Triticum mosaic virus, and High Plains wheat mosaic virus.

^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: Cooksey Farms
 Harvest date: July 11, 2017
 Planting date: September 28, 2016
 Trial Comments: Trial planted into moisture (after delaying planting waiting for moisture) into wheat stubble. By mid-November the trial had very dry topsoil and little growth due to late planting, but stands were even. Little moisture during the winter but timely rainfall occurred from March through May, including snow in May. In early April, trial had good moisture and even growth. Significant virus infection from WSMV and BYDV was noted.

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