

2016 Dryland Winter Wheat Variety Performance Trial at Orchard

Variety	Brand/Source	Yield	Test Weight	Plant Height	Heading
		bu/ac	lb/bu	in	days from trial avg ^a
Cowboy	Crop Res. Found. of Wyoming	52.6	59.2	30	2
SY Monument	AgriPro Syngenta	51.9	58.8	36	3
Antero	PlainsGold	51.4	60.3	33	-1
TAM 114	AGSECO	51.1	61.1	34	-2
CO11D1312	Colorado State Univ. exp.	51.0	60.6	35	-1
Hatcher	PlainsGold	50.7	60.3	32	1
Denali	PlainsGold	50.7	61.1	36	2
WB-Grainfield	WestBred Monsanto	50.5	61.2	34	-4
Sunshine	PlainsGold	49.9	58.0	33	-2
CO11D1767	Colorado State Univ. exp.	49.8	58.7	32	4
Ruth	Husker Genetics	49.8	62.5	35	-1
CO12D922	Colorado State Univ. exp.	49.5	59.5	35	0
Settler CL	Husker Genetics	49.4	60.5	32	0
CO11D1539	Colorado State Univ. exp.	49.0	57.7	35	0
SY Wolf	AgriPro Syngenta	48.8	60.5	35	1
CO11D1397	Colorado State Univ. exp.	48.5	59.1	32	1
Brawl CL Plus	PlainsGold	48.2	62.0	31	-3
CO12D1028	Colorado State Univ. exp.	48.2	56.9	33	-1
SY Sunrise	AgriPro Syngenta	48.1	61.9	30	0
CO11D1236	Colorado State Univ. exp.	47.9	59.2	34	1
Avery	PlainsGold	47.7	60.3	35	1
CO12D2011	Colorado State Univ. exp.	47.3	62.4	34	-1
LCS Mint	Limagrain Cereal Seeds	47.3	61.3	35	1
CO11D421	Colorado State Univ. exp.	46.9	58.0	33	-1
CO12D906	Colorado State Univ. exp.	46.9	61.0	33	0
CO12D2010	Colorado State Univ. exp.	46.2	58.7	35	0
Byrd	PlainsGold	46.0	60.6	32	-1
CO14A065	Colorado State Univ. exp.	45.9	57.5	29	4
Winterhawk	WestBred Monsanto	45.6	61.0	35	-1
Oakley CL	Kansas Wheat Alliance	45.6	59.3	31	0
CO11D446	Colorado State Univ. exp.	45.3	61.2	32	-1
WB4721	WestBred Monsanto	45.3	63.3	32	-2
Ripper	PlainsGold	45.1	59.9	33	-2
Joe	Kansas Wheat Alliance	45.0	59.7	34	2
Doublestop CL Plus	Oklahoma Genetics	44.7	60.7	35	-1
Snowmass	PlainsGold	44.3	59.1	35	-1
LCH13NEDH-14-69	Limagrain Cereal Seeds	44.2	61.7	28	-1
MTS1024	Montana State Univ. exp.	44.0	58.4	28	6
CO11D1306W	Colorado State Univ. exp.	43.6	60.9	34	1
CO14A058	Colorado State Univ. exp.	43.5	58.4	34	1
LCH13-032	Limagrain Cereal Seeds	42.9	62.3	30	-2
KanMark	Kansas Wheat Alliance	42.3	61.9	29	1
Akron	Colorado State University	40.9	58.7	35	0
Prairie Red	PlainsGold	39.9	58.0	31	-2
TAM 204	Watley Seed	39.5	56.0	26	-1
LCS Chrome	Limagrain Cereal Seeds	39.2	60.8	34	1
	Average	46.8	60.0	33	June 3, 2016
	^b LSD (P<0.30)	3.2			

^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 then they are significantly different with less than 30% probability that the difference is due to random error.

Site Information

Cooperator: Wickstrom Farms
Harvest date: July 13, 2016
Planting date: September 24, 2015
Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac; Spring (March): N at 35 lb/ac
Herbicide: Generic Ally, and 2,4-D applied on April 2.
Stripe Rust: Applied propiconazole on April 2. Sprayed azoxystrobin and tebuconazole on June 6.
General Comments: Trial dusted in 1.5" deep behind shovels, received moisture in early November. Emergence and stand establishment of trial was average. Trial had good moisture in late March. Trial had moderate infestation of wheat stem sawfly.

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