

2016 Dryland Winter Wheat Variety Performance Trial at Walsh

Variety	Brand/Source	Yield	Test Weight	Plant Height
		bu/ac	lb/bu	in
CO11D1539	Colorado State Univ. exp.	66.4	55.3	31
CO12D922	Colorado State Univ. exp.	66.1	58.1	32
CO11D446	Colorado State Univ. exp.	64.6	56.0	28
CO11D1236	Colorado State Univ. exp.	64.0	54.4	32
CO11D1312	Colorado State Univ. exp.	62.6	55.5	32
Joe	Kansas Wheat Alliance	62.2	59.2	31
CO12D2011	Colorado State Univ. exp.	62.1	58.1	31
Antero	PlainsGold	62.0	56.4	33
Winterhawk	WestBred Monsanto	61.7	58.2	32
CO11D1306W	Colorado State Univ. exp.	60.9	57.6	31
Sunshine	PlainsGold	60.7	57.1	32
WB-Grainfield	WestBred Monsanto	60.5	58.2	32
Byrd	PlainsGold	60.4	57.1	31
CO11D1397	Colorado State Univ. exp.	60.0	56.3	28
CO11D421	Colorado State Univ. exp.	59.6	56.4	34
CO12D1028	Colorado State Univ. exp.	59.4	57.3	32
Avery	PlainsGold	58.7	55.4	34
CO11D1767	Colorado State Univ. exp.	58.0	53.8	32
LCH13NEDH-14-69	Limagrain Cereal Seeds	57.6	56.9	29
CO12D2010	Colorado State Univ. exp.	57.5	54.7	30
TAM 204	Watley Seed	57.3	55.0	30
Hatcher	PlainsGold	57.3	56.6	31
Snowmass	PlainsGold	57.2	57.5	31
CO12D906	Colorado State Univ. exp.	57.2	55.7	29
Denali	PlainsGold	56.6	57.8	32
Brawl CL Plus	PlainsGold	56.5	58.0	32
LCS Chrome	Limagrain Cereal Seeds	55.4	56.4	30
SY Sunrise	AgriPro Syngenta	55.0	57.7	28
Akron	Colorado State University	54.8	56.5	32
LCH13-032	Limagrain Cereal Seeds	54.8	57.7	30
TAM 114	AGSECO	54.3	57.3	31
WB4721	WestBred Monsanto	54.0	56.5	32
LCS Mint	Limagrain Cereal Seeds	54.0	57.1	31
KanMark	Kansas Wheat Alliance	54.0	56.8	30
CO14A058	Colorado State Univ. exp.	53.2	52.4	32
Oakley CL	Kansas Wheat Alliance	53.2	57.8	30
Settler CL	Husker Genetics	53.1	55.7	33
Doublestop CL Plus	Oklahoma Genetics	53.0	59.0	31
Prairie Red	PlainsGold	53.0	56.1	31
SY Monument	AgriPro Syngenta	51.9	56.4	32
Ripper	PlainsGold	51.6	52.7	31
SY Wolf	AgriPro Syngenta	51.3	57.3	29
Ruth	Husker Genetics	50.8	58.0	30
Cowboy	Crop Res. Found. of Wyoming	50.0	53.7	33
CO14A065	Colorado State Univ. exp.	48.1	52.3	30
MTS1024	Montana State Univ. exp.	33.2	51.4	30
Average		56.6	56.3	31
^a LSD (P<0.30)		2.4		

^aIf 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

Cooperators: CSU Plainsman Research Center
Harvest date: June 27, 2016
Planting date: October 1, 2015
Fertilizer: 50 lb/ac of N before planting. Starter: 6 lb/ac of N and 20 lb/ac of P
Herbicide: Ally at 0.1 oz/ac, dicamba at 2 oz/ac, and Low Vol at 0.38 lb/ac in mid-February
Insecticide: Lambda-Cy at 3.84 oz/ac on March 17th to control cutworms.
Stripe Rust: Detected at very low levels, no fungicide applied
General Comments: Trial planted into excellent moisture, good fall precip, warm early spring led to rapid development, significant WSMV and TrMV infection.

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