

2016 Dryland Winter Wheat Variety Performance Trial at Roggen

Variety	Brand/Source	Yield	Test Weight	Plant Height
		bu/ac	lb/bu	in
LCH13NEDH-14-69	Limagrain Cereal Seeds	111.8	62.2	36
Cowboy	Crop Res. Found. of Wyoming	111.3	61.7	36
CO11D1539	Colorado State Univ. exp.	111.1	60.7	38
Joe	Kansas Wheat Alliance	110.7	61.6	38
Sunshine	PlainsGold	110.1	58.8	37
Avery	PlainsGold	109.6	62.4	38
CO12D1028	Colorado State Univ. exp.	108.9	57.7	37
Winterhawk	WestBred Monsanto	107.2	61.2	38
CO11D1312	Colorado State Univ. exp.	107.0	62.9	36
CO12D2011	Colorado State Univ. exp.	106.3	63.3	38
Antero	PlainsGold	105.5	61.8	37
LCS Mint	Limagrain Cereal Seeds	105.3	62.9	39
CO12D906	Colorado State Univ. exp.	104.8	62.3	36
CO11D1397	Colorado State Univ. exp.	104.4	61.8	34
CO12D2010	Colorado State Univ. exp.	103.0	61.5	36
Hatcher	PlainsGold	103.0	62.2	34
CO11D421	Colorado State Univ. exp.	102.5	61.2	35
CO12D922	Colorado State Univ. exp.	102.2	63.1	36
Snowmass	PlainsGold	102.0	61.8	36
Denali	PlainsGold	101.9	63.1	37
CO11D1306W	Colorado State Univ. exp.	101.8	62.4	38
CO11D446	Colorado State Univ. exp.	101.2	62.2	35
CO11D1236	Colorado State Univ. exp.	101.1	62.6	35
Byrd	PlainsGold	100.6	62.9	36
Oakley CL	Kansas Wheat Alliance	99.9	61.0	34
Settler CL	Husker Genetics	98.4	60.3	36
KanMark	Kansas Wheat Alliance	97.5	62.8	32
LCS Chrome	Limagrain Cereal Seeds	97.2	63.0	36
MTS1024	Montana State Univ. exp.	97.2	59.6	36
WB-Grainfield	WestBred Monsanto	96.4	60.9	38
CO14A065	Colorado State Univ. exp.	96.4	61.0	36
TAM 114	AGSECO	96.0	63.8	34
Ripper	PlainsGold	95.6	61.4	38
CO11D1767	Colorado State Univ. exp.	94.6	62.3	33
SY Wolf	AgriPro Syngenta	93.4	61.0	36
SY Monument	AgriPro Syngenta	93.1	61.2	35
SY Sunrise	AgriPro Syngenta	92.9	61.9	33
TAM 204	Watley Seed	91.7	58.0	32
Brawl CL Plus	PlainsGold	91.0	61.7	36
CO14A058	Colorado State Univ. exp.	90.4	60.4	39
Ruth	Husker Genetics	90.1	64.3	38
WB4721	WestBred Monsanto	88.4	62.7	35
Akron	Colorado State University	88.2	61.4	38
LCH13-032	Limagrain Cereal Seeds	87.6	62.7	36
Doublestop CL Plus	Oklahoma Genetics	84.2	61.7	36
Prairie Red	PlainsGold	78.8	60.6	31
	Average	99.4	61.7	36
	^a LSD (P<0.30)	6.3		

^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

Cooperator: Cooksey Farms
Harvest date: July 13, 2016
Planting date: September 23, 2015
Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac; Spring (March): N at 45 lb/ac, S at 8 lb/ac, and Awaken fertilizer additive at 1 qt/ac
Herbicide: Colt+Salvo at 10 oz/ac and generic Ally at 0.1 oz/ac applied on May 4
Stripe Rust: Stripe rust found in Byrd on March 22 and other susceptible varieties in early April. Propiconazole fungicide applied on May 4 to control rust infestation. Applied tebuconazole on May 25.
General Comments: Trial dusted in 2" deep behind shovels. Stands were very good. Trial had good moisture in late March and lush early spring growth.

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