

**2016 Dryland Winter Wheat Variety Performance
Trial at Sheridan Lake**

Variety	Brand/Source	Yield	Test Weight	Plant Height
		bu/ac	lb/bu	in
Antero	PlainsGold	115.5	58.6	32
CO11D446	Colorado State Univ. exp.	115.1	60.0	27
LCH13NEDH-14-69	Limagrain Cereal Seeds	114.0	59.3	28
Avery	PlainsGold	113.9	59.3	33
CO11D1397	Colorado State Univ. exp.	111.8	60.2	29
CO11D1539	Colorado State Univ. exp.	111.1	57.5	33
Cowboy	Crop Res. Found. of Wyoming	110.7	58.1	29
CO11D1767	Colorado State Univ. exp.	110.7	56.7	30
Byrd	PlainsGold	110.3	60.7	33
LCS Mint	Limagrain Cereal Seeds	110.2	58.9	34
CO11D1306W	Colorado State Univ. exp.	109.3	61.3	33
CO12D2010	Colorado State Univ. exp.	108.9	57.1	32
CO12D2011	Colorado State Univ. exp.	108.6	60.6	31
CO12D922	Colorado State Univ. exp.	108.5	59.2	34
CO11D421	Colorado State Univ. exp.	108.3	59.4	32
CO11D1312	Colorado State Univ. exp.	108.0	59.3	31
KanMark	Kansas Wheat Alliance	106.9	60.1	30
Joe	Kansas Wheat Alliance	106.7	60.6	31
CO11D1236	Colorado State Univ. exp.	105.5	59.7	33
WB-Grainfield	WestBred Monsanto	105.1	60.9	32
Oakley CL	Kansas Wheat Alliance	104.8	60.3	30
CO12D906	Colorado State Univ. exp.	104.1	60.4	33
Ruth	Husker Genetics	102.9	60.2	33
Denali	PlainsGold	102.4	60.2	34
Sunshine	PlainsGold	102.2	57.4	33
Snowmass	PlainsGold	101.0	60.2	33
Hatcher	PlainsGold	100.9	58.0	33
WB4721	WestBred Monsanto	100.8	60.4	32
TAM 114	AGSECO	100.2	61.2	34
SY Monument	AgriPro Syngenta	99.9	59.3	31
Ripper	PlainsGold	99.8	58.6	29
Settler CL	Husker Genetics	99.5	58.5	29
LCS Chrome	Limagrain Cereal Seeds	99.0	60.1	32
Winterhawk	WestBred Monsanto	97.8	61.5	33
Brawl CL Plus	PlainsGold	97.0	57.2	34
SY Wolf	AgriPro Syngenta	96.1	54.8	31
LCH13-032	Limagrain Cereal Seeds	95.9	60.9	28
CO12D1028	Colorado State Univ. exp.	95.5	59.4	30
CO14A065	Colorado State Univ. exp.	94.6	56.9	30
SY Sunrise	AgriPro Syngenta	93.4	60.4	26
Akron	Colorado State University	93.3	55.7	35
MTS1024	Montana State Univ. exp.	91.8	56.5	31
TAM 204	Watley Seed	91.5	57.0	28
CO14A058	Colorado State Univ. exp.	89.3	56.5	31
Prairie Red	PlainsGold	88.9	58.7	32
Doublestop CL Plus	Oklahoma Genetics	84.7	59.8	33
Average		102.7	59.1	31
^a LSD (P<0.30)		4.2		

^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: Burl Scherler
Harvest date: July 6-7, 2016
Planting date: September 15, 2015
Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac; N at 40 lb/ac applied in January
Herbicide: 2, 4-D at 0.5 lb/ac and Ally at 0.05 oz/ac
Insecticide: Perm-UP at 4 oz/ac applied to control cutworms
Stripe Rust: Stripe rust was present and significant on susceptible entries. Trial was sprayed with tebuconazole plus propiconazole after the flag leaf stage.
General Comments: Trial dusted-in at planting. Received rain at end of September. Severe drought stress by early April, winter was very dry.

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