

**2015 Dryland Winter Wheat Variety Performance
Trial at Sheridan Lake**

Variety	Brand/Source	Yield	Stripe Rust	Plant Height
		bu/ac	score (1-9) ^a	in
KS11HW39-5-4	Kansas State Univ. exp.	86.7	1	35
Oakley CL	Kansas Wheat Alliance	85.6	1	30
CO11D1539	Colorado State Univ. exp.	77.7	3	32
Antero	PlainsGold	74.7	2	31
CO11D446	Colorado State Univ. exp.	74.2	2	31
WB-Grainfield	WestBred Monsanto	74.1	2	30
CO11D1353	Colorado State Univ. exp.	69.5	6	37
CO11D1767	Colorado State Univ. exp.	69.4	1	32
LCS Mint	Limagrain	68.8	4	35
NE10589	Univ. of Nebraska exp.	68.3	3	34
TAM 204	Watley Seed	67.7	3	32
Sunshine	PlainsGold	67.4	4	31
CO11D1236	Colorado State Univ. exp.	66.7	6	36
Iba	Oklahoma Genetics	66.7	4	32
TAM 114	Adaptive Genetics	65.5	2	32
Hatcher	PlainsGold	65.4	4	34
TAM 113	AGSECO	65.3	2	35
LCS Pistol	Limagrain	64.6	5	26
Byrd	PlainsGold	62.3	6	36
CO11D174	Colorado State Univ. exp.	62.1	6	35
Winterhawk	WestBred Monsanto	62.1	3	33
SY Wolf	AgriPro Syngenta	61.4	2	30
T158	Limagrain	61.2	2	30
CO11D1306W	Colorado State Univ. exp.	60.8	5	35
SY Monument	AgriPro Syngenta	60.1	3	32
Brawl CL Plus	PlainsGold	59.5	7	31
Gallagher	Oklahoma Genetics	58.3	1	33
Settler CL	Husker Genetics	58.1	6	32
Snowmass	PlainsGold	58.0	6	36
KanMark	Kansas Wheat Alliance	57.2	5	26
TAM 112	Watley Seed	56.4	6	33
CO11D1397	Colorado State Univ. exp.	56.3	7	31
Denali	PlainsGold	55.9	7	36
Akron	Colorado State Univ.	52.3	8	37
CO11D1316W	Colorado State Univ. exp.	51.7	8	32
Above	PlainsGold	50.9	7	28
Cowboy	Crop Res. Found. of WY	48.4	7	33
Prairie Red	PlainsGold	46.2	7	31
CO11D1298	Colorado State Univ. exp.	45.9	5	34
CO11D1174	Colorado State Univ. exp.	43.4	8	31
Ripper	PlainsGold	40.6	8	29
LCH13DH-5-59	Limagrain exp.	39.6	6	36
MTS1024	Montana State Univ. exp.	32.6	3	29
Bearpaw	Montana State Univ.	24.1	6	31
	Average	60.1	4	32
	^b LSD (P<0.30)	5.7		

^aStripe rust score: 1 equals no stripe rust and 9 equals severe stripe rust infection.

^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.

[†]Test weight could not be measured accurately.

Site Information

Cooperator: Burl Scherler
Harvest date: June 30, 2015
Planting date: September 15, 2014
Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac; Spring: N at 38 lb/ac and S at 7 lb/ac
Herbicide: 2,4-D and Ally
Pesticide: None
Stripe Rust: Did not spray. Had low levels of rust initially, then received 3" of rain over 6 day period in May and rust levels increased significantly.
General Comments: Had good stands in spring, no winter injury. Received good spring moisture, although it came late. Barley Yellow Dwarf Virus was widespread in trial. Brown wheat mite and Army cutworms were present.

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