

2015 Dryland Winter Wheat Variety Performance Trial at Burlington

Variety	Brand/Source	Yield	Test Weight	Stripe Rust	Plant Height
		bu/ac	lb/bu	score (1-9) ^a	in
CO11D446	Colorado State Univ. exp.	92.2	54.5	5	28
CO11D1767	Colorado State Univ. exp.	92.1	46.7	1	34
Antero	PlainsGold	89.4	54.6	2	31
KS11HW39-5-4	Kansas State Univ. exp.	89.1	56.8	2	34
CO11D1539	Colorado State Univ. exp.	86.4	52.7	5	31
SY Monument	AgriPro Syngenta	85.8	51.6	2	29
WB-Grainfield	WestBred Monsanto	80.7	49.3	3	31
CO11D1236	Colorado State Univ. exp.	79.3	52.3	8	33
LCS Pistol	Limagrain	78.5	49.6	6	32
Oakley CL	Kansas Wheat Alliance	78.2	48.8	1	31
KanMark	Kansas Wheat Alliance	77.1	53.4	7	27
Byrd	PlainsGold	75.1	52.6	9	33
CO11D1397	Colorado State Univ. exp.	74.2	49.2	9	31
CO11D174	Colorado State Univ. exp.	73.3	53.1	8	33
CO11D1306W	Colorado State Univ. exp.	72.9	51.7	9	34
TAM 204	Watley Seed	72.8	47.0	3	30
LCS Mint	Limagrain	72.7	49.7	5	34
NE10589	Univ. of Nebraska exp.	72.5	54.1	5	32
Sunshine	PlainsGold	72.5	51.3	6	29
TAM 114	Adaptive Genetics	72.2	51.3	2	29
CO11D1353	Colorado State Univ. exp.	70.7	50.5	9	35
Snowmass	PlainsGold	70.1	51.1	8	32
T158	Limagrain	70.0	49.5	2	28
Denali	PlainsGold	67.4	49.1	9	32
CO11D1298	Colorado State Univ. exp.	66.8	46.6	8	32
Gallagher	Oklahoma Genetics	66.8	46.7	6	31
LCH13DH-5-59	Limagrain exp.	66.7	48.6	9	37
Winterhawk	WestBred Monsanto	66.3	47.7	7	32
Brawl CL Plus	PlainsGold	65.5	53.8	8	31
TAM 113	AGSECO	65.3	49.2	5	30
TAM 112	Watley Seed	65.0	55.8	8	27
Hatcher	PlainsGold	64.9	48.0	7	33
Cowboy	Crop Res. Found. of WY	63.5	47.4	9	34
Settler CL	Husker Genetics	62.8	45.1	9	30
Iba	Oklahoma Genetics	61.9	52.7	7	31
Prairie Red	PlainsGold	61.3	51.9	9	28
Above	PlainsGold	61.2	49.9	9	28
CO11D1174	Colorado State Univ. exp.	60.1	41.4	9	30
CO11D1316W	Colorado State Univ. exp.	59.9	47.6	9	34
SY Wolf	AgriPro Syngenta	59.6	47.3	4	32
Akron	Colorado State Univ.	54.1	47.7	9	31
MTS1024	Montana State Univ. exp.	51.6	43.0	7	32
Ripper	PlainsGold	51.3	44.2	9	30
Bearpaw	Montana State Univ.	48.2	39.5	8	31
Average		70.2	49.6	6	31
^b LSD (P<0.30)		4.5			

^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.

Site Information

Cooperator: Randy Wilks
 Harvest date: July 7, 2015
 Planting date: September 16, 2014
 Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac
 Herbicide: Banvel and 2,4-D
 Pesticide: None
 Stripe Rust: Stripe rust was beginning to appear by May 27, and the stripe rust infection was considered severe by June 4. Trial was sprayed for stripe rust on June 5.
 General Comments: Rain delayed planting and stands were not as good as hoped but there was very lush fall growth. Dry conditions in late fall followed by a November freeze caused severe damage in the trial. Trial received 7 to 8 inches of rain from mid-April through mid-June.

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