

2015 Dryland Winter Wheat Variety Performance Trial at Yuma

Variety	Brand/Source	Yield	Test Weight	Plant	
				Height	Winter Survival
		bu/ac	lb/bu	in	score (1-9) ^a
Winterhawk	WestBred Monsanto	107.5	61.2	38	2
SY Monument	AgriPro Syngenta	106.8	59.6	37	2
CO11D1236	Colorado State Univ. exp.	106.1	60.6	39	5
Denali	PlainsGold	105.0	60.0	36	2
CO11D1298	Colorado State Univ. exp.	104.9	58.3	38	6
TAM 114	Adaptive Genetics	104.2	59.7	37	3
NE10589	Univ. of Nebraska exp.	104.1	59.6	37	5
Antero	PlainsGold	103.3	58.8	36	5
LCH13DH-5-59	Limagrain exp.	103.1	60.2	41	3
CO11D1767	Colorado State Univ. exp.	102.4	57.9	37	3
Snowmass	PlainsGold	101.3	59.8	38	6
Settler CL	Husker Genetics	101.0	59.4	36	3
KS11HW39-5-4	Kansas State Univ. exp.	100.3	59.9	36	8
Sunshine	PlainsGold	99.4	57.7	36	6
CO11D446	Colorado State Univ. exp.	98.0	60.0	39	2
CO11D1306W	Colorado State Univ. exp.	95.6	58.6	37	6
LCS Pistol	Limagrain	95.5	59.4	37	3
CO11D1397	Colorado State Univ. exp.	93.8	59.3	35	3
Byrd	PlainsGold	93.4	59.4	35	4
Bearpaw	Montana State Univ.	92.2	56.0	35	3
CO11D1539	Colorado State Univ. exp.	90.9	59.3	36	5
WB-Grainfield	WestBred Monsanto	90.1	60.5	37	7
Oakley CL	Kansas Wheat Alliance	89.7	57.0	35	7
Cowboy	Crop Res. Found. of WY	89.5	57.4	36	6
KanMark	Kansas Wheat Alliance	88.9	59.8	32	3
SY Wolf	AgriPro Syngenta	88.9	58.6	34	8
CO11D1353	Colorado State Univ. exp.	88.5	59.0	35	7
CO11D174	Colorado State Univ. exp.	87.2	59.0	37	6
Brawl CL Plus	PlainsGold	83.9	59.4	34	5
TAM 112	Watley Seed	83.8	61.1	34	6
LCS Mint	Limagrain	83.8	57.9	36	7
CO11D1174	Colorado State Univ. exp.	83.0	57.2	35	5
T158	Limagrain	82.4	59.2	35	3
Akron	Colorado State Univ.	80.4	57.0	33	7
Ripper	PlainsGold	80.4	58.2	37	3
Gallagher	Oklahoma Genetics	79.3	56.0	30	8
Above	PlainsGold	77.7	58.6	32	7
TAM 204	Watley Seed	72.7	56.1	33	8
Hatcher	PlainsGold	71.8	56.7	32	7
CO11D1316W	Colorado State Univ. exp.	70.4	54.8	35	8
Iba	Oklahoma Genetics	69.4	58.1	26	9
Prairie Red	PlainsGold	67.5	58.6	36	3
TAM 113	AGSECO	64.6	58.1	31	9
MTS1024	Montana State Univ. exp.	59.7	53.2	35	6
Average		89.6	58.5	35	5
^b LSD (P<0.30)		6.0			

^aWinter survival score: 1 equals excellent winter survival and 9 equals severe winterkill.

^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: Bill and Steve Andrews

Harvest date: July 17, 2015

Planting date: September 22, 2014

Fertilizer: N at 50 lb/ac and manure; Starter: N at 8 lb/ac and P at 28 lb/ac

Herbicide: Rave applied at recommended rate

General Comments: Very moist planting conditions. Erratic plant stands. November freeze damage and severe winter injury. Sprayed two times for stripe rust (May 7 and early June). On May 28 wheat looked better, though still poor stands, some stripe rust found lower on the canopy but nothing on flag leaves. By early June, leaf rust was beginning to appear and stripe rust had fully infested flag leaves of susceptible varieties.

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