

2016 Dryland Winter Wheat Variety Performance Trial at Yuma

Variety	Brand/Source	Yield	Test Weight	Plant Height
		bu/ac	lb/bu	in
WB4721	WestBred Monsanto	102.4	61.7	36
Oakley CL	Kansas Wheat Alliance	94.9	55.3	38
CO11D1539	Colorado State Univ. exp.	94.7	54.8	40
LCH13-032	Limagrain Cereal Seeds	94.3	61.4	35
CO12D2010	Colorado State Univ. exp.	94.3	54.7	36
CO12D2011	Colorado State Univ. exp.	94.1	60.0	37
Antero	PlainsGold	93.3	52.4	38
WB-Grainfield	WestBred Monsanto	92.1	59.3	38
Sunshine	PlainsGold	91.8	52.9	36
CO12D922	Colorado State Univ. exp.	91.2	57.0	38
TAM 114	AGSECO	90.5	61.5	38
LCH13NEDH-14-69	Limagrain Cereal Seeds	90.5	59.3	34
CO11D446	Colorado State Univ. exp.	90.0	58.6	34
Ruth	Husker Genetics	88.8	61.1	39
SY Sunrise	AgriPro Syngenta	88.8	59.9	35
Hatcher	PlainsGold	88.2	56.4	35
LCS Chrome	Limagrain Cereal Seeds	87.8	59.0	37
Winterhawk	WestBred Monsanto	87.6	58.6	38
Joe	Kansas Wheat Alliance	87.3	56.5	39
SY Wolf	AgriPro Syngenta	86.0	53.8	36
CO11D1767	Colorado State Univ. exp.	85.8	54.6	38
SY Monument	AgriPro Syngenta	85.5	58.4	35
LCS Mint	Limagrain Cereal Seeds	84.7	60.4	37
Doublestop CL Plus	Oklahoma Genetics	84.2	57.4	38
Brawl CL Plus	PlainsGold	83.2	57.0	36
CO12D906	Colorado State Univ. exp.	82.7	56.2	38
Settler CL	Husker Genetics	81.3	55.4	37
KanMark	Kansas Wheat Alliance	78.2	55.4	36
TAM 204	Watley Seed	78.1	54.1	33
CO11D421	Colorado State Univ. exp.	77.2	55.7	37
Denali	PlainsGold	76.5	56.8	40
CO11D1236	Colorado State Univ. exp.	76.2	56.9	40
Cowboy	Crop Res. Found. of Wyoming	75.1	53.3	35
MTS1024	Montana State Univ. exp.	74.9	51.2	36
CO11D1312	Colorado State Univ. exp.	74.1	54.7	37
Avery	PlainsGold	73.8	57.8	38
CO11D1306W	Colorado State Univ. exp.	73.7	57.4	35
Byrd	PlainsGold	73.6	59.2	38
CO12D1028	Colorado State Univ. exp.	72.4	51.3	37
Prairie Red	PlainsGold	71.7	55.2	36
CO11D1397	Colorado State Univ. exp.	71.5	54.8	37
Snowmass	PlainsGold	66.8	57.2	37
CO14A065	Colorado State Univ. exp.	64.2	51.7	32
Akron	Colorado State University	63.1	54.2	38
Ripper	PlainsGold	62.7	53.4	38
CO14A058	Colorado State Univ. exp.	61.4	53.3	35
Average		82.2	56.5	37
^a LSD (P<0.30)		5.7		

^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

Cooperators: Bill & Steve Andrews
Harvest date: July 8, 2016
Planting date: September 24, 2016
Fertilizer: Starter: N at 8 lb/ac and P at 28 lb/ac; N at 30 lb/ac applied in spring
Herbicide: Ally applied in early April
Stripe Rust: Heavy stripe rust infection, fungicide applied on June 3.
General Comments: Planted 2" deep (moisture was at 3-4" deep). Stands were variable. Trial was drought-stressed by mid-March.

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