

2016 Irrigated Winter Wheat Variety Performance Trial at Haxtun

Variety	Brand/Source	Yield	Test Weight	Plant Height	Lodging
		bu/ac	lb/bu	in	score (1-9) ^a
WB4303	WestBred Monsanto	116.6	56.3	36	1
WB-Cedar	WestBred Monsanto	116.3	59.9	34	3
SY Sunrise	AgriPro Syngenta	102.8	61.3	34	3
Sunshine	PlainsGold	102.4	54.4	34	5
CO11D1312	Colorado State Univ. exp.	102.3	62.0	39	6
LCH13NEDH-14-69	Limagrain Cereal Seeds	99.2	59.3	35	5
SY Wolf	AgriPro Syngenta	99.0	57.8	37	4
WB4458	WestBred Monsanto	98.5	59.8	36	5
Yuma	Colorado State University	98.3	58.9	37	6
Denali	PlainsGold	97.4	61.6	38	5
CO11D446	Colorado State Univ. exp.	97.3	60.6	36	9
Brawl CL Plus	PlainsGold	97.1	60.2	37	3
CO11D1306W	Colorado State Univ. exp.	96.8	58.1	39	6
KanMark	Kansas Wheat Alliance	95.9	57.9	34	2
CO11D1397	Colorado State Univ. exp.	95.9	55.5	35	5
Byrd	PlainsGold	91.7	60.2	35	7
CO12D2010	Colorado State Univ. exp.	91.5	54.5	36	7
CO12D906	Colorado State Univ. exp.	91.3	58.9	37	3
Thunder CL	PlainsGold	89.9	57.9	37	1
CO11D421	Colorado State Univ. exp.	89.5	58.1	36	8
CO11D1767	Colorado State Univ. exp.	88.0	58.1	38	6
CO11D1236	Colorado State Univ. exp.	87.9	60.2	38	7
Joe	Kansas Wheat Alliance	87.3	59.1	39	8
CO11D1539	Colorado State Univ. exp.	86.8	57.2	39	8
Oakley CL	Kansas Wheat Alliance	86.0	55.3	38	8
Antero	PlainsGold	85.4	58.7	37	8
CO12D2011	Colorado State Univ. exp.	83.8	61.2	36	6
Avery	PlainsGold	83.4	61.0	37	7
Hatcher	PlainsGold	78.4	58.8	36	7
CO12D1028	Colorado State Univ. exp.	78.0	55.2	39	9
CO12D922	Colorado State Univ. exp.	77.8	57.5	37	9
Cowboy	Crop Res. Found. of Wyoming	75.3	59.8	37	8
	Average	92.7	58.6	37	6
	^b LSD (P<0.30)	5.9			

^aLodging score: 1 means no lodging and 9 means severe lodging.

^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: Steve Boerner
Harvest date: July 12, 2016
Planting date: October 14, 2015
Fertilizer: Pre-plant: N at 116 lb/ac and P at 31 lb/ac; Starter: N at 28 lb/ac and P at 43 lb/ac; Spring (April): N at 28 lb/ac and S at 5 lb/ac. There was 35 lb/ac of residual N in the soil prior to planting.
Herbicide: Ally at 0.1 oz/ac and 2,4-D LV6 at 6 oz/ac
Stripe Rust: Low level of rust in early May, but infection level increased quickly and trial was sprayed on May 22 with Aproach fungicide.
General Comments: Field was worked prior to planting to break up silage corn stalks. Late date of planting. Stands were very even. Trial had good spring growth.

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