

## 2016 Irrigated Winter Wheat Variety Performance Trial at Rocky Ford

Variety	Brand/Source	Yield	Test Weight	Plant Height	Lodging
		bu/ac	lb/bu	in	score (1-9) <sup>a</sup>
CO12D2010	Colorado State Univ. exp.	119.9	54.8	40	5
Sunshine	PlainsGold	111.0	55.5	37	3
CO11D1539	Colorado State Univ. exp.	108.4	57.2	41	5
CO11D1312	Colorado State Univ. exp.	108.2	58.4	39	4
Avery	PlainsGold	105.1	59.1	39	4
CO12D2011	Colorado State Univ. exp.	104.5	61.8	38	3
CO11D1397	Colorado State Univ. exp.	103.7	59.8	37	4
CO11D1236	Colorado State Univ. exp.	102.0	60.4	40	4
Denali	PlainsGold	101.8	58.1	41	3
WB-Cedar	WestBred Monsanto	101.3	59.2	33	1
CO12D1028	Colorado State Univ. exp.	100.1	56.6	40	7
Cowboy	Crop Res. Found. of Wyoming	99.6	55.0	38	5
CO11D1767	Colorado State Univ. exp.	99.1	56.9	37	2
CO11D446	Colorado State Univ. exp.	98.8	58.2	36	6
CO12D922	Colorado State Univ. exp.	98.7	58.9	43	6
Antero	PlainsGold	98.5	56.9	40	5
CO11D1306W	Colorado State Univ. exp.	97.2	60.2	40	3
Brawl CL Plus	PlainsGold	97.1	59.6	39	2
SY Sunrise	AgriPro Syngenta	96.9	59.9	36	2
Joe	Kansas Wheat Alliance	96.5	59.2	43	6
Byrd	PlainsGold	95.4	59.9	37	4
CO12D906	Colorado State Univ. exp.	95.3	59.0	38	3
KanMark	Kansas Wheat Alliance	95.0	58.5	33	1
WB4458	WestBred Monsanto	94.5	58.7	38	1
CO11D421	Colorado State Univ. exp.	92.9	57.1	37	5
Thunder CL	PlainsGold	91.4	58.0	39	2
Yuma	Colorado State University	90.2	58.5	37	1
Oakley CL	Kansas Wheat Alliance	88.9	59.0	37	4
LCH13NEDH-14-69	Limagrain Cereal Seeds	86.8	58.9	36	2
Hatcher	PlainsGold	86.0	57.2	38	4
SY Wolf	AgriPro Syngenta	85.7	55.8	41	3
WB4303	WestBred Monsanto	67.1	53.7	36	1
	<b>Average</b>	<b>97.4</b>	<b>58.1</b>	<b>38</b>	<b>3</b>
	<sup>b</sup> LSD (P<0.30)	7.4			

<sup>a</sup>Lodging score: 1 means no lodging and 9 means severe lodging.

<sup>b</sup>If 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: Arkansas Valley Research Center  
 Harvest date: July 14, 2016  
 Planting date: October 1, 2015  
 Fertilizer: Fall: N at 23 lb/ac; Spring: N at 57.5 lb/ac  
 Stripe Rust: No stripe rust was observed in the trial.  
 General Comments: Nitrogen deficiency was observed in early spring. Palisade growth regulator was applied on March 16 at 14 oz/ac. Trial was irrigated on April 12 and again on May 25.

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