

### 2015 Dryland Winter Wheat Variety Performance Trial at Julesburg

Variety	Brand/Source	Yield	Test Weight	Plant Height
		bu/ac	lb/bu	in
KS11HW39-5-4	Kansas State Univ. exp.	88.0	61.2	36
CO11D446	Colorado State Univ. exp.	87.3	59.7	33
CO11D1767	Colorado State Univ. exp.	85.3	58.8	34
WB-Grainfield	WestBred Monsanto	82.9	60.5	36
TAM 114	Adaptive Genetics	82.3	59.4	37
Antero	PlainsGold	80.8	58.7	36
SY Monument	AgriPro Syngenta	79.7	59.8	34
NE10589	Univ. of Nebraska exp.	79.5	59.7	37
CO11D1539	Colorado State Univ. exp.	79.3	58.7	37
Denali	PlainsGold	76.8	60.9	38
CO11D1236	Colorado State Univ. exp.	76.0	58.7	38
CO11D1306W	Colorado State Univ. exp.	75.1	59.6	36
LCH13DH-5-59	Limagrain exp.	73.6	58.9	41
CO11D1353	Colorado State Univ. exp.	73.4	59.5	38
Sunshine	PlainsGold	72.9	57.1	34
LCS Pistol	Limagrain	72.9	59.0	34
T158	Limagrain	72.1	59.1	33
CO11D174	Colorado State Univ. exp.	70.9	59.0	41
Winterhawk	WestBred Monsanto	70.5	61.3	35
CO11D1298	Colorado State Univ. exp.	70.2	58.6	36
Byrd	PlainsGold	68.4	59.0	37
Settler CL	Husker Genetics	68.0	58.2	34
Cowboy	Crop Res. Found. of WY	67.2	57.4	35
TAM 204	Watley Seed	66.5	56.7	34
CO11D1397	Colorado State Univ. exp.	66.5	57.9	32
KanMark	Kansas Wheat Alliance	66.4	59.8	31
Snowmass	PlainsGold	65.8	58.2	38
Oakley CL	Kansas Wheat Alliance	65.6	57.8	34
TAM 112	Watley Seed	63.6	60.5	35
Hatcher	PlainsGold	63.5	58.5	36
MTS1024	Montana State Univ. exp.	63.5	54.8	33
SY Wolf	AgriPro Syngenta	62.8	58.2	34
Brawl CL Plus	PlainsGold	62.5	58.8	34
Gallagher	Oklahoma Genetics	57.8	54.8	31
Prairie Red	PlainsGold	54.5	57.6	33
LCS Mint	Limagrain	54.3	58.7	35
CO11D1316W	Colorado State Univ. exp.	54.2	54.2	34
TAM 113	AGSECO	53.0	56.1	32
Above	PlainsGold	52.4	55.4	31
CO11D1174	Colorado State Univ. exp.	51.6	52.1	32
Iba	Oklahoma Genetics	50.3	56.4	33
Ripper	PlainsGold	49.3	54.8	32
Akron	Colorado State Univ.	49.0	56.3	37
Bearpaw	Montana State Univ.	43.7	52.9	33
	<b>Average</b>	<b>67.5</b>	<b>58.0</b>	<b>35</b>
	<sup>a</sup> LSD (P<0.30)	4.6		

<sup>a</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

Cooperators: Jim and David Carlson  
Harvest date: July 16, 2015  
Planting date: September 22, 2014  
Fertilizer: N at 40 lb/ac; Starter: N at 8 lb/ac and P at 28 lb/ac  
Herbicide: Ally and 2,4-D applied at the end of March  
Pesticide: None  
General Comments: Good planting conditions. Very lush fall growth. Some winter injury March 12. Much below average precipitation by early April. Rainfall very good thereafter, 2.5 inches in April, 6.8 inches in May, and more in June. Small hail reported May 17, but didn't cause much damage. Fungicide was not applied and stripe rust was present- it was most likely a factor influencing yield on the most susceptible entries. May 28 visit showed wheat looking great, soil very wet, and very little stripe rust on flag leaves.

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