



**2018 Dryland Winter Wheat Variety
Performance Trial at Burlington**

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height	Lodging
			bu/ac	lb/bu	in	score (1-9) ^a
Breck	PlainsGold	HWW	88.1	56.6	35	2
WB4418	WestBred Monsanto	HRW	86.4	54.9	35	1
WB4462	WestBred Monsanto	HRW	86.3	57.9	40	2
SY Monument	AgriPro Syngenta	HRW	85.7	56.0	37	1
Denali	PlainsGold	HRW	85.5	56.6	40	1
LCS Chrome	Limagrain Cereal Seeds	HRW	85.4	56.0	38	1
WB4721	WestBred Monsanto	HRW	84.6	56.5	37	1
Long Branch	Dyna-Gro Seed	HRW	84.4	55.1	35	5
Antero	PlainsGold	HWW	84.1	55.1	39	1
Sunshine	PlainsGold	HWW	83.7	53.9	37	2
SY Wolf	AgriPro Syngenta	HRW	83.5	57.3	35	1
Byrd	PlainsGold	HRW	82.8	55.6	37	2
Avery	PlainsGold	HRW	82.2	55.5	38	4
AM Eastwood	AgriMaxx Wheat	HRW	81.9	54.9	32	2
Langin	PlainsGold	HRW	81.3	55.6	36	4
LCS Mint	Limagrain Cereal Seeds	HRW	80.9	58.1	35	1
Brawl CL Plus	PlainsGold	HRW	80.7	56.0	38	1
WB-Grainfield	WestBred Monsanto	HRW	80.3	55.3	36	1
SY Rugged	AgriPro Syngenta	HRW	78.7	54.2	34	3
Snowmass	PlainsGold	HWW	78.4	55.9	39	2
Winterhawk	WestBred Monsanto	HRW	77.2	56.1	37	1
Oakley CL	Kansas Wheat Alliance	HRW	75.0	53.9	36	2
SY Legend CL2	AgriPro Syngenta	HRW	72.3	54.4	34	3
Hatcher	PlainsGold	HRW	71.2	54.0	37	2
Incline AX	PlainsGold	HRW	69.7	50.9	35	1
Experimentals						
CO13D1299	Colorado State University exp.	HWW	93.7	55.0	33	1
CO13D1479	Colorado State University exp.	HWW	92.4	57.1	38	1
CO13D1383	Colorado State University exp.	HWW	90.9	55.1	37	2
CO15D129R	Colorado State University exp.	HRW	87.2	59.0	35	3
CO15A018	Colorado State University exp.	HRW	86.7	54.3	35	2
CO14A136	Colorado State University exp.	HRW	86.4	57.0	37	1
CO12D1770	Colorado State University exp.	HRW	86.4	54.2	33	2
CO15D130W	Colorado State University exp.	HWW	86.1	54.1	34	2
CO15SFD092	Colorado State University exp.	HRW	85.5	53.8	36	2
CO13D1486	Colorado State University exp.	HWW	84.9	54.9	36	1
CO15D027RC	Colorado State University exp.	HRW	83.5	56.0	39	1
CO12D296	Colorado State University exp.	HRW	83.2	56.3	35	1
CO15SFD095	Colorado State University exp.	HRW	83.1	58.6	36	2
CO14A050	Colorado State University exp.	HRW	82.4	58.0	38	3
CO15D092R	Colorado State University exp.	HRW	82.1	56.3	36	2
CO13007	Colorado State University exp.	HRW	82.0	55.5	37	2
CO15D063RC	Colorado State University exp.	HRW	81.8	55.5	37	1
CO13D1638	Colorado State University exp.	HWW	81.5	54.2	38	2
CO15D094R	Colorado State University exp.	HRW	81.1	57.6	37	1
CO13D1714	Colorado State University exp.	HWW	79.8	55.0	38	2
CO15SFD107	Colorado State University exp.	HRW	79.8	57.1	37	2
CO14A070	Colorado State University exp.	HRW	79.6	54.3	37	2
CO13003C	Colorado State University exp.	HRW	79.5	54.5	36	2
CO15D098R	Colorado State University exp.	HRW	79.1	55.9	40	1
CO13D1783	Colorado State University exp.	HRW	79.0	53.0	37	4
CO15D127R	Colorado State University exp.	HRW	78.5	55.9	39	2
CO15SFD061	Colorado State University exp.	HRW	78.3	53.4	38	5
CO13D1164	Colorado State University exp.	HWW	78.1	55.4	38	1
CO12D597	Colorado State University exp.	HRW	77.1	55.0	37	3
CO13D0787	Colorado State University exp.	HRW	76.2	55.4	33	2
NHH144913-3	University of Nebraska exp.	HRW	75.1	51.5	37	1
Average			82.0	55.4	37	2
^b LSD (P<0.30)			4.0			

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

^bIf the difference between two variety yields equals or exceeds the LSD value, there is a 70% chance the difference is significant. Variety yields in bold are in the top LSD group.

Site Information

Cooperator: Barry Hinkhouse
 Harvest date: July 1, 2018
 Planting date: September 20, 2017
 Fertilizer: Pre-Plant: N at 70 lb/ac; Starter: N at 8 lb/ac and P at 28 lb/ac; Mid-season: N at 20 lb/ac
 Trial Comments: Planted into marginal moisture, but trial received 1.2" of rain within a week of planting. Trial characterized by above-average stands and early tillering by November. Received moisture in late-January (6" of snow) and again in mid-March and April. Well above-average tillering and growth by the end of March. Trial showed lush growth and was heavily tillered in early May through early June. No disease noted.

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