



2019 Dryland Winter Wheat Variety  
Performance Trial at Julesburg

Variety	Brand/Source	Market Class	Yield bu/ac	Test Weight lb/bu	Plant Height in
SY Rugged	AgriPro Syngenta	HRW	<b>65.6</b>	59.0	28
WB4462	WestBred Bayer	HRW	<b>62.6</b>	61.3	32
SY Legend CL2	AgriPro Syngenta	HRW	61.9	60.6	30
WB4595	WestBred Bayer	HRW	60.7	60.0	32
CO13D0346	Colorado State University exp.	HRW	60.2	58.5	31
Spur	AgriPro Syngenta	HRW	60.2	57.1	30
WB-Grainfield	WestBred Bayer	HRW	59.6	60.2	32
Breck	PlainsGold	<b>HWW</b>	58.8	61.1	31
WB4418	WestBred Bayer	HRW	58.6	58.8	27
LCH15ACC-7-7	Limagrain Cereal Seeds	HRW	58.4	59.5	29
SY Monument	AgriPro Syngenta	HRW	58.2	58.7	32
CO13D1479	Colorado State University exp.	<b>HWW</b>	57.5	59.8	33
CO15D098R	Colorado State University exp.	HRW	57.5	61.1	33
Antero	PlainsGold	<b>HWW</b>	57.4	57.2	29
Whistler	PlainsGold	HRW	57.3	59.1	32
Denali	PlainsGold	HRW	57.3	60.2	33
Sunshine	PlainsGold	<b>HWW</b>	57.2	59.0	30
WB4792	WestBred Bayer	HRW	57.1	59.0	31
AM Eastwood	AgriMaxx Wheat	HRW	57.0	60.0	27
Langin	PlainsGold	HRW	56.6	58.9	25
SY Wolf	AgriPro Syngenta	HRW	56.2	58.6	32
Monarch	PlainsGold	<b>HWW</b>	55.8	59.6	30
Snowmass 2.0	PlainsGold	<b>HWW</b>	55.5	58.0	28
Crescent AX	PlainsGold	HRW	52.1	59.4	28
Avery	PlainsGold	HRW	51.9	57.9	30
Brawl CL Plus	PlainsGold	HRW	51.6	60.2	30
Canvas	PlainsGold	HRW	51.6	58.9	29
Fortify SF	PlainsGold	HRW	51.2	60.0	30
CO15SFD092	Colorado State University exp.	HRW	50.5	58.8	28
Byrd CL Plus	PlainsGold	HRW	49.7	58.8	32
LCS Valiant	Limagrain Cereal Seeds	HRW	47.5	59.6	30
Byrd	PlainsGold	HRW	46.3	58.4	29
SY Wolverine	AgriPro Syngenta	HRW	45.4	57.1	29
Long Branch	Dyna-Gro Seed	HRW	44.8	57.7	31
Hatcher	PlainsGold	HRW	41.6	57.3	32
Incline AX	PlainsGold	HRW	41.6	57.1	29
Guardian	PlainsGold	HRW	40.2	59.9	31
Snowmass	PlainsGold	<b>HWW</b>	36.7	59.5	27
<b>Average</b>			<b>53.9</b>	<b>59.1</b>	<b>30</b>

<sup>a</sup>LSD (P<0.30)

3.6

<sup>a</sup>If 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**

Collaborator: Carlson Farms  
 Harvest date: July 30, 2019  
 Planting date: October 2, 2018  
 Fertilizer: N at 23, P at 28, and Zn at 1 lb/ac  
 Soil Type: Keith-Kuma silt loams  
 GPS Coordinates: 40.83558, -102.34288  
 Trial Comments: Planted into no-till corn residue, with shovels down on the planter. Seed planted to 2" depth. Trial received 0.6" of rain within a week of planting. Tan spot and Cephalosporium stripe first noted in the trial in mid-May, Ceph stripe was significantly worse by mid-June and symptoms of wheat streak mosaic virus were also noted. Trial received a lot of moisture in mid-June and stripe rust was present.

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