



2019 Dryland Winter Wheat Variety  
Performance Trial at Walsh

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height	Heading
			bu/ac	lb/bu	in	days from trial avg <sup>a</sup>
Sunshine	PlainsGold	<b>HWW</b>	<b>101.8</b>	58.4	36	-2
Avery	PlainsGold	HRW	<b>101.4</b>	57.8	36	0
Langin	PlainsGold	HRW	<b>99.7</b>	56.9	33	-4
Whistler	PlainsGold	HRW	98.4	56.8	37	3
Antero	PlainsGold	<b>HWW</b>	96.9	57.3	38	-1
Byrd CL Plus	PlainsGold	HRW	96.0	57.9	37	1
Byrd	PlainsGold	HRW	94.5	58.5	35	-1
SY Wolverine	AgriPro Syngenta	HRW	94.5	58.9	33	-1
Breck	PlainsGold	<b>HWW</b>	94.0	60.5	36	0
CO13D0346	Colorado State University exp.	HRW	93.7	57.4	34	0
WB4595	WestBred Bayer	HRW	92.8	58.8	35	3
WB-Grainfield	WestBred Bayer	HRW	92.5	59.2	36	-4
CO15D098R	Colorado State University exp.	HRW	91.7	60.6	36	0
CO13D0787	Colorado State University exp.	HRW	90.9	59.6	35	0
Crescent AX	PlainsGold	HRW	90.8	59.2	35	-2
Monarch	PlainsGold	<b>HWW</b>	90.7	58.0	33	2
WB4418	WestBred Bayer	HRW	90.6	57.3	34	-2
Denali	PlainsGold	HRW	90.5	58.8	37	1
SY Wolf	AgriPro Syngenta	HRW	90.3	59.3	35	2
Canvas	PlainsGold	HRW	89.8	60.4	33	1
WB4792	WestBred Bayer	HRW	89.7	57.0	35	3
CO13D1479	Colorado State University exp.	<b>HWW</b>	89.6	58.9	34	1
SY Monument	AgriPro Syngenta	HRW	89.3	58.0	36	2
Hatcher	PlainsGold	HRW	88.0	58.4	36	-1
SY Rugged	AgriPro Syngenta	HRW	87.7	58.2	34	0
WB4462	WestBred Bayer	HRW	87.1	59.2	38	-1
Snowmass 2.0	PlainsGold	<b>HWW</b>	86.8	57.6	32	1
CO15SFD092	Colorado State University exp.	HRW	86.2	59.0	33	-2
AM Eastwood	AgriMaxx Wheat	HRW	85.9	58.1	32	-3
Long Branch	Dyna-Gro Seed	HRW	85.9	56.2	35	0
Incline AX	PlainsGold	HRW	85.2	56.3	36	3
Brawl CL Plus	PlainsGold	HRW	84.9	59.8	36	-2
SY Legend CL2	AgriPro Syngenta	HRW	83.9	59.7	34	-1
CO15SFD107	Colorado State University exp.	HRW	81.8	57.8	33	-1
LCS Valiant	Limagrain Cereal Seeds	HRW	81.7	59.2	33	-3
LCH15ACC-7-7	Limagrain Cereal Seeds	HRW	81.5	58.8	30	-5
Snowmass	PlainsGold	<b>HWW</b>	81.0	58.2	32	0
<b>Average</b>			<b>90.2</b>	<b>58.4</b>	<b>34</b>	
	<sup>b</sup> LSD (P<0.30)		2.7			

<sup>a</sup>Varieties with positive values headed later than the trial average and varieties with negative values headed earlier than the trial average.

<sup>b</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: Plainsman Research Center (Kevin Larson, Brett Pettinger, and Perry Jones)  
 Harvest date: July 8, 2019  
 Planting date: September 18, 2018  
 Fertilizer: Starter: N at 6 and P at 20 lb/ac; Spring Top-Dress: N at 50 lb/ac  
 Herbicide: Express at 0.4 oz/ac, 2,4-D ester at 8 oz/ac, and dicamba at 1.5 oz/ac  
 Soil Type: Wiley loam  
 GPS Coordinates: 37.43116, -102.31043  
 Trial Comments: Planted into very good moisture. Very good stand establishment in the fall. Trial received consistent precipitation throughout the season except in April. Over 4" of precipitation in March. Trial may have been impacted by tan spot, which did not develop onto the flag leaves. Minor incidence of leaf rust, stripe rust, and barley yellow dwarf virus. Minor freeze damage from late-freeze down to 32°F on May 22.

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