



2019 Dryland Winter Wheat Variety  
Performance Trial at Orchard

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height	Wheat Stem
						Sawfly Cutting
			bu/ac	lb/bu	in	score (1-9) <sup>a</sup>
Spur	AgriPro Syngenta	HRW	<b>66.8</b>	61.2	29	2
Fortify SF	PlainsGold	HRW	59.4	62.2	32	2
Byrd CL Plus	PlainsGold	HRW	58.3	61.2	32	6
Brawl CL Plus	PlainsGold	HRW	57.6	62.4	33	8
Crescent AX	PlainsGold	HRW	56.9	61.8	32	9
WB4462	WestBred Bayer	HRW	55.4	61.8	33	8
WB4595	WestBred Bayer	HRW	55.0	60.9	29	7
CO15SFD092	Colorado State University exp.	HRW	53.0	61.5	29	5
Sunshine	PlainsGold	<b>HWW</b>	52.7	60.2	29	9
CO15D098R	Colorado State University exp.	HRW	52.3	61.2	33	8
Antero	PlainsGold	<b>HWW</b>	52.0	60.0	31	9
Avery	PlainsGold	HRW	51.0	60.3	29	9
SY Monument	AgriPro Syngenta	HRW	50.0	60.0	31	7
Hatcher	PlainsGold	HRW	48.1	61.1	31	7
CO13D0346	Colorado State University exp.	HRW	47.4	60.2	29	8
CO13D1479	Colorado State University exp.	<b>HWW</b>	47.1	60.5	28	7
WB4418	WestBred Bayer	HRW	47.1	60.8	28	5
Whistler	PlainsGold	HRW	46.6	60.5	31	9
Denali	PlainsGold	HRW	46.4	61.6	30	9
Byrd	PlainsGold	HRW	46.3	61.3	31	9
WB4792	WestBred Bayer	HRW	46.2	60.6	28	6
SY Rugged	AgriPro Syngenta	HRW	46.0	61.0	30	8
Snowmass 2.0	PlainsGold	<b>HWW</b>	45.9	60.5	31	9
AM Eastwood	AgriMaxx Wheat	HRW	45.2	61.5	27	8
LCS Valiant	Limagrain Cereal Seeds	HRW	45.1	61.2	28	9
SY Wolf	AgriPro Syngenta	HRW	44.4	59.7	29	8
Guardian	PlainsGold	HRW	44.2	62.2	30	9
Langin	PlainsGold	HRW	43.8	60.9	28	9
LCH15ACC-7-7	Limagrain Cereal Seeds	HRW	43.0	60.4	30	9
WB-Grainfield	WestBred Bayer	HRW	43.0	61.1	32	9
Breck	PlainsGold	<b>HWW</b>	42.9	61.5	32	9
Incline AX	PlainsGold	HRW	41.1	59.6	33	7
Monarch	PlainsGold	<b>HWW</b>	40.5	61.2	28	9
Canvas	PlainsGold	HRW	40.4	61.3	29	9
Long Branch	Dyna-Gro Seed	HRW	39.1	60.4	30	9
SY Legend CL2	AgriPro Syngenta	HRW	37.9	61.3	30	8
SY Wolverine	AgriPro Syngenta	HRW	36.5	59.1	29	8
Snowmass	PlainsGold	<b>HWW</b>	34.3	60.1	29	9
<b>Average</b>			<b>47.6</b>	<b>60.9</b>	<b>30</b>	<b>8</b>

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

5.0

<sup>a</sup>Wheat Stem Sawfly Cutting score: 1 equals no damage/cutting and 9 is severe damage/cutting.

<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: Wickstrom Farms  
 Harvest date: July 29, 2019  
 Planting date: October 2, 2018  
 Fertilizer: N at 59, P at 37, S at 2, and Zn at 0.25 lb/ac  
 Soil Type: Briggsdale clay loam  
 GPS Coordinates: 40.48171, -104.10986  
 Trial Comments: Planted about 2" deep into moisture. Planted into proso millet stubble with shovels down on planter. Stands were acceptable. Slight hail damage noted in June. Heavy wheat stem sawfly infestation throughout trial caused significant cutting in susceptible varieties.

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