



2019 Dryland Winter Wheat Variety
Performance Trial at Akron

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height	Lodging
			bu/ac	lb/bu	in	score (1-9) ^a
Langin	PlainsGold	HRW	74.6	61.5	28	2
CO15D098R	Colorado State University exp.	HRW	73.7	62.0	31	2
Sunshine	PlainsGold	HWW	73.2	61.4	29	1
WB4462	WestBred Bayer	HRW	72.8	62.0	33	1
CO15SFD107	Colorado State University exp.	HRW	72.3	62.2	31	2
Antero	PlainsGold	HWW	71.1	60.7	31	1
AM Eastwood	AgriMaxx Wheat	HRW	71.0	61.1	27	1
Hatcher	PlainsGold	HRW	70.7	60.5	28	2
CO15SFD092	Colorado State University exp.	HRW	69.5	61.5	30	1
WB4595	WestBred Bayer	HRW	69.2	61.5	30	2
SY Rugged	AgriPro Syngenta	HRW	69.1	61.4	27	2
Byrd CL Plus	PlainsGold	HRW	69.0	60.3	33	2
Avery	PlainsGold	HRW	68.9	60.6	30	2
Canvas	PlainsGold	HRW	68.7	61.8	27	2
Spur	AgriPro Syngenta	HRW	67.5	58.5	32	4
CO13D1479	Colorado State University exp.	HWW	67.4	61.4	30	1
WB-Grainfield	WestBred Bayer	HRW	67.4	61.7	29	1
Breck	PlainsGold	HWW	67.3	62.3	30	3
Crescent AX	PlainsGold	HRW	66.8	61.7	31	4
CO13D0787	Colorado State University exp.	HRW	66.2	60.7	30	4
SY Monument	AgriPro Syngenta	HRW	65.6	59.5	31	2
Monarch	PlainsGold	HWW	65.3	60.6	25	1
SY Wolverine	AgriPro Syngenta	HRW	64.9	60.3	28	2
Snowmass 2.0	PlainsGold	HWW	64.8	60.9	30	1
WB4418	WestBred Bayer	HRW	64.7	60.4	26	1
WB4792	WestBred Bayer	HRW	64.6	60.4	33	3
Brawl CL Plus	PlainsGold	HRW	64.5	62.4	31	1
CO13D0346	Colorado State University exp.	HRW	64.3	60.8	28	3
Long Branch	Dyna-Gro Seed	HRW	64.2	61.3	30	3
Whistler	PlainsGold	HRW	64.1	58.7	33	7
LCH15ACC-7-7	Limagrain Cereal Seeds	HRW	63.8	62.3	27	2
SY Wolf	AgriPro Syngenta	HRW	63.6	60.2	31	2
Byrd	PlainsGold	HRW	63.5	60.9	29	2
Denali	PlainsGold	HRW	61.3	61.1	30	6
SY Legend CL2	AgriPro Syngenta	HRW	61.1	61.1	30	3
LCS Valiant	Limagrain Cereal Seeds	HRW	60.0	60.9	26	2
Snowmass	PlainsGold	HWW	57.8	61.0	31	3
Incline AX	PlainsGold	HRW	55.7	58.6	32	2
Average			66.6	61.0	30	2
^b LSD (P<0.30)			3.2			

^aLodging score: 1 equals no lodging and 9 is 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

Collaborator: Central Great Plains Research Station
 Harvest date: July 26, 2019
 Planting date: October 3, 2018
 Fertilizer: Pre-plant: N at 70 lb/ac; Starter: N at 8 and P at 28 lb/ac;
 Herbicide: Agility SG at 3.2 oz/ac and Lo-Vol 6 at 6 oz/ac
 Soil Type: Rago silt loam
 GPS Coordinates: 40.149287, -103.137250
 Trial Comments: Dusted-in trial, planting 1.25" deep into old proso millet stubble. Received over 1" of precipitation within a week of planting. Minimal fall growth but good stands. Cool and wet during early spring, but much drier by mid-May when plants were starting to look drought-stressed. Freeze damage noted from hard frosts on May 10 and again on May 22 when temperature fell to 29°F. Consistent precipitation received during late-May through early July. Trace amount of stripe rust found in early June. Wheat stem sawfly was present in the trial and lodging may have been partially due to sawfly damage.