



2018 Dryland Winter Wheat Variety
Performance Trial at Akron

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height
			bu/ac	lb/bu	in
Langin	PlainsGold	HRW	100.4	61.1	37
Antero	PlainsGold	HWW	90.4	58.8	39
Avery	PlainsGold	HRW	88.4	60.2	39
Breck	PlainsGold	HWW	87.6	61.4	38
Denali	PlainsGold	HRW	86.5	61.0	38
Sunshine	PlainsGold	HWW	86.3	56.6	36
AM Eastwood	AgriMaxx Wheat	HRW	85.3	60.9	33
WB-Grainfield	WestBred Monsanto	HRW	85.2	58.6	37
Byrd	PlainsGold	HRW	85.1	60.9	38
WB4462	WestBred Monsanto	HRW	84.7	60.9	42
Long Branch	Dyna-Gro Seed	HRW	84.6	56.0	37
SY Monument	AgriPro Syngenta	HRW	84.1	59.1	37
WB4721	WestBred Monsanto	HRW	83.3	61.8	37
WB4418	WestBred Monsanto	HRW	83.2	60.1	34
LCS Mint	Limagrain Cereal Seeds	HRW	83.2	61.6	40
Brawl CL Plus	PlainsGold	HRW	82.6	61.4	37
Winterhawk	WestBred Monsanto	HRW	82.3	60.1	38
SY Wolf	AgriPro Syngenta	HRW	82.0	61.3	36
Oakley CL	Kansas Wheat Alliance	HRW	81.6	59.8	37
SY Legend CL2	AgriPro Syngenta	HRW	81.3	60.4	35
SY Rugged	AgriPro Syngenta	HRW	80.0	57.9	32
LCS Chrome	Limagrain Cereal Seeds	HRW	77.3	60.5	37
Hatcher	PlainsGold	HRW	76.7	59.1	37
Snowmass	PlainsGold	HWW	75.9	60.8	40
Incline AX	PlainsGold	HRW	75.4	58.5	37
Experimentals					
CO15D129R	Colorado State University exp.	HRW	96.2	63.0	36
CO13D1299	Colorado State University exp.	HWW	92.1	59.5	36
CO12D296	Colorado State University exp.	HRW	90.7	59.8	34
CO13007	Colorado State University exp.	HRW	89.8	60.3	39
CO13D1783	Colorado State University exp.	HRW	88.2	58.9	37
CO13D1638	Colorado State University exp.	HWW	88.1	60.1	37
CO15SFD061	Colorado State University exp.	HRW	88.0	58.6	40
CO15A018	Colorado State University exp.	HRW	87.8	58.9	35
CO12D1770	Colorado State University exp.	HRW	87.7	59.9	35
CO13D1479	Colorado State University exp.	HWW	87.7	61.3	38
CO15SFD092	Colorado State University exp.	HRW	87.7	58.8	36
CO13003C	Colorado State University exp.	HRW	87.6	60.4	38
CO15D098R	Colorado State University exp.	HRW	86.9	61.5	39
CO15D130W	Colorado State University exp.	HWW	86.7	60.4	33
CO15D094R	Colorado State University exp.	HRW	85.8	61.3	38
CO15D127R	Colorado State University exp.	HRW	85.8	60.8	36
CO14A136	Colorado State University exp.	HRW	85.7	59.8	36
CO15D063RC	Colorado State University exp.	HRW	84.3	61.7	35
CO14A070	Colorado State University exp.	HRW	84.0	59.7	38
CO13D1383	Colorado State University exp.	HWW	83.5	60.1	35
CO13D0787	Colorado State University exp.	HRW	83.4	62.0	37
CO14A050	Colorado State University exp.	HRW	83.3	60.6	37
CO13D1486	Colorado State University exp.	HWW	83.2	59.3	36
CO12D597	Colorado State University exp.	HRW	82.8	59.9	39
CO15D092R	Colorado State University exp.	HRW	80.0	60.2	34
CO15D027RC	Colorado State University exp.	HRW	80.0	61.4	40
CO13D1714	Colorado State University exp.	HWW	79.1	58.3	38
CO13D1164	Colorado State University exp.	HWW	78.8	59.5	40
NHH144913-3	University of Nebraska exp.	HRW	77.7	55.2	35
CO15SFD095	Colorado State University exp.	HRW	76.4	62.3	38
CO15SFD107	Colorado State University exp.	HRW	75.9	61.0	37
Average			84.4	60.1	37

^aLSD (P<0.30)

3.2

^aIf 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: Central Great Plains Research Station

Harvest date: July 12, 2018

Planting date: October 8, 2017

Trial Comments: Very good soil moisture at planting. Snowed and rained day after planting. Very little plant growth in the fall. Trial received 0.72" of precipitation in January and another 0.5" in February. In April, stands were acceptable and soil moisture was average. Trial received precipitation in mid-April (over 2") and again in early May (1.8"). There was vigorous growth and excellent stands by early May with no disease noted. The trial had frequent rainfall throughout May and June, over 6.5" in May and another 2.7" in June. CSU Pathologist, Dr. Kirk Broders, identified Bacterial leaf streak in the trial in mid-June but at low levels.

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