



**2018 Dryland Winter Wheat Variety
Performance Trial at Lamar**

Variety	Brand/Source	Market Class	Yield	Test Weight	Plant Height
			bu/ac	lb/bu	in
Sunshine	PlainsGold	HWW	78.0	56.7	29
Antero	PlainsGold	HWW	76.7	57.1	31
Winterhawk	WestBred Monsanto	HRW	75.7	58.6	32
Langin	PlainsGold	HRW	75.7	58.0	28
Hatcher	PlainsGold	HRW	72.6	57.1	31
Brawl CL Plus	PlainsGold	HRW	71.7	58.9	31
WB4721	WestBred Monsanto	HRW	71.7	59.3	31
WB4418	WestBred Monsanto	HRW	70.7	57.7	27
LCS Chrome	Limagrain Cereal Seeds	HRW	70.3	57.3	32
Breck	PlainsGold	HWW	70.1	58.7	31
Avery	PlainsGold	HRW	69.8	57.4	32
WB-Grainfield	WestBred Monsanto	HRW	69.6	57.4	31
LCS Mint	Limagrain Cereal Seeds	HRW	69.5	59.3	33
Byrd	PlainsGold	HRW	69.4	58.1	31
Long Branch	Dyna-Gro Seed	HRW	68.9	57.5	31
Snowmass	PlainsGold	HWW	68.8	58.4	32
SY Monument	AgriPro Syngenta	HRW	68.6	55.1	31
SY Rugged	AgriPro Syngenta	HRW	68.0	55.3	27
Oakley CL	Kansas Wheat Alliance	HRW	67.8	57.9	30
WB4462	WestBred Monsanto	HRW	66.2	58.3	33
Denali	PlainsGold	HRW	65.5	58.9	29
AM Eastwood	AgriMaxx Wheat	HRW	65.0	57.1	22
SY Legend CL2	AgriPro Syngenta	HRW	64.7	57.2	28
SY Wolf	AgriPro Syngenta	HRW	63.4	55.6	28
Incline AX	PlainsGold	HRW	63.0	54.1	30
Experimentals					
CO14A070	Colorado State University exp.	HRW	76.8	58.0	32
CO13D1299	Colorado State University exp.	HWW	75.8	59.0	31
CO13D1383	Colorado State University exp.	HWW	75.7	58.5	28
CO15D094R	Colorado State University exp.	HRW	75.1	59.0	34
CO15D098R	Colorado State University exp.	HRW	74.4	58.4	35
CO15D127R	Colorado State University exp.	HRW	73.0	57.8	28
CO15A018	Colorado State University exp.	HRW	73.0	56.6	27
CO14A050	Colorado State University exp.	HRW	71.2	58.4	28
CO14A136	Colorado State University exp.	HRW	71.1	58.4	30
CO12D296	Colorado State University exp.	HRW	70.8	58.4	27
CO13D1714	Colorado State University exp.	HWW	70.8	57.5	31
CO15D129R	Colorado State University exp.	HRW	70.7	59.7	28
CO13007	Colorado State University exp.	HRW	70.6	58.4	31
CO13D1486	Colorado State University exp.	HWW	70.3	57.8	28
CO13003C	Colorado State University exp.	HRW	69.7	57.6	30
CO15D092R	Colorado State University exp.	HRW	69.2	57.6	27
CO12D597	Colorado State University exp.	HRW	69.2	57.5	30
CO15SFD061	Colorado State University exp.	HRW	69.2	52.5	26
CO13D1783	Colorado State University exp.	HRW	68.7	56.4	32
CO13D1479	Colorado State University exp.	HWW	68.6	58.8	30
CO12D1770	Colorado State University exp.	HRW	68.2	57.4	27
CO15SFD107	Colorado State University exp.	HRW	66.4	57.1	30
CO13D1164	Colorado State University exp.	HWW	66.2	58.9	29
CO15D130W	Colorado State University exp.	HWW	66.0	57.1	26
CO15D027RC	Colorado State University exp.	HRW	65.5	59.6	30
CO13D0787	Colorado State University exp.	HRW	65.1	58.9	30
CO15SFD092	Colorado State University exp.	HRW	63.9	57.9	29
CO15SFD095	Colorado State University exp.	HRW	63.5	60.6	27
CO13D1638	Colorado State University exp.	HWW	62.1	55.0	28
NHH144913-3	University of Nebraska exp.	HRW	61.0	53.9	25
CO15D063RC	Colorado State University exp.	HRW	60.8	58.1	28
Average			69.4	57.6	30

^aLSD (P<0.30) 3.8

^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: Stulp Farms
Harvest date: June 28, 2018
Planting date: September 21, 2017

Trial Comments: Planted into marginal moisture, trial received over an inch of rain from showers in the days immediately after planting. Good stand establishment and a lot of fall growth. Winter was dry and trial received minimal moisture in March and April. In early May the soil was dry through the top portion of the root zone, but plants were not showing drought stress symptoms. Growth was very uniform and lush. No disease issues noted. Very little rain from May through harvest, although trial received small amount (<10%) of hail damage a week before harvest.

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