

Table: 2017 Winter wheat variety trial, Denton, Montana.

Variety/Pedigree	Year of Release	Source	Grain Yield	Test Weight	Protein	Gross Return
			(bu/ac) 2017	(lb/bu)	(%)	(\$/ac)
Bearpaw	2011	MAES	22.1	62.8	14.0	116.36
+ Brawl CLP	2017	Colorado Research Foundation, 2011	49.0	<u>64.4</u>	12.7	231.55
CDC Falcon	1999	WPB/SK	44.3	61.5	13.9	227.81
Decade	2010	MAES/NDSU	41.9	62.4	13.2	206.70
Judee	2011	MAES	37.3	63.2	13.8	190.60
Keldin	2011	Seed Linc./Westbred LLC	46.0	63.0	13.2	226.30
Loma	2016	MAES	22.1	61.7	<u>14.4</u>	120.71
Northern	2015	MAES	37.3	61.4	14.3	201.53
SY Clearstone 2CL	2012	Syngenta	40.3	61.0	13.3	201.28
+ SY Monument	2017	Syngenta, 2015	36.1	60.9	12.7	169.63
SY Wolf	2010	AgriPro/Syngenta	<u>50.5</u>	63.5	12.7	238.46
Warhorse	2013	MAES	34.3	62.6	13.8	176.30
WB-Quake	2011	WestBred LLC	26.6	62.7	13.8	136.39
Yellowstone	2005	MAES	40.3	61.4	13.8	209.83
Average			39.2	62.1	13.5	197.52
CV%			12.8	0.72	2.5	11.7
LSD (0.05)			8.2	0.73	0.56	N.S.
P-value			<0.0001	<0.0001	<0.0001	<0.0001

+ = New for 2017

*Gross returns calculated based on protein premiums\dockages as of September 2017, United Grains Elevator, Moccasin, MT.

Bolded and underlined values are the highest mean. Bolded values are not different from the highest value based on the Least Significant Difference (LSD) test.

Note: Study averages include experimental lines not listed here.

Note: Yellowstone plots, for 2017, were planted with varying amounts of 'Warhorse' seed depending on location.

Note: No trial performed at this site in 2016.

N.S. = Not Significant