

TABLE: 2017 Spring wheat variety trial, Denton, Montana.

Variety/Pedigree	Year of Release	Source	Yield (bu/ac)	Test Weight	Protein	Gross Return
			2017	(lb/bu)	%	(\$/ac)
Alum	2014	WSU	18.2	55.2	17.8	114.20
Camaro		Meridian Seeds	26.0	61.8	17.3	164.50
Cheville		Meridian Seeds	35.8	61.4	16.3	223.80
Brennan	2009	Syngenta/AgriPro	20.5	56.6	17.4	127.50
Choteau	2003	MAES	20.1	54.7	17.0	127.10
Corbin	2006	Westbred, LLC	18.2	54.5	17.6	115.30
Duclair	2011	MAES	21.8	53.8	16.6	142.80
Egan	2013	Westbred, LLC	18.6	53.9	18.5	118.30
Fortuna	1966	MAES/NDSU	16.9	55.1	17.1	106.50
+ Lanning			21.5	54.1	17.1	136.60
+ LCS Pro			19.0	54.5	16.8	124.20
+ NS Presser CL+			16.6	53.5	17.0	109.10
Oneal	2008	Westbred, LLC	19.6	56.6	17.3	122.10
+ Reeder	1999	NDSU	17.2	55.8	17.3	107.90
+ Sy Ingmar		Syngenta/AgriPro	16.1	53.3	18.5	103.00
Sy Soren	2011	Syngenta/AgriPro	17.5	53.7	18.1	112.10
Vida	2005	MAES	19.8	55.2	16.5	132.20
WB Gunnison		Westbred, LLC	19.3	54.7	16.6	124.30
Average			20.0	55.5	17.2	127.3
C.V. (%)			15.2	1.7	3.1	15.4
LSD (0.05)			N.S.	1.5	0.9	32.4
P-value (Varieties)			<0.0001	<0.0001	<0.0001	<0.0001

+ = new for 2017

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.

N.S. = Not Significant