

Table: 2019 Spring wheat variety trial, Denton, Montana.

Variety/Pedigree	Year of Release	Source	Height (in)	Test Weight (lb/bu)	Protein (%)	Grain Yield (bu/ac)			
						2017	2018	2019	3 yr avg
ALUM	2014	WSU	26.0	59.2	12.6	18.2	34.1	37.1	29.8
MS Barracuda		Meridian Seeds	26.7	58.3	13.9		29.6	41.3	
BRENNAN	2009	Syngenta/AgriPro	28.0	59.1	14.0	20.5	26.8	32.4	26.6
MS Camaro		Meridian Seeds	27.3	59.1	14.6	26.0	26.3	35.4	29.2
MS Cheville		Meridian Seeds	26.7	57.7	12.3	35.8	34.9	37.8	36.2
CHOTEAU	2003	MAES	26.3	57.6	13.0	20.1	28.3	38.3	28.9
CORBIN	2006	Westbred, LLC	26.7	56.4	13.5	18.2	29.7	34.0	27.3
DUCLAIR	2011	MAES	26.7	58.3	12.2	21.8	29.5	41.7	31.0
EGAN	2013	Westbred, LLC	28.7	58.2	14.7	18.6	25.4	35.4	26.5
FORTUNA	1966	MAES/NDSU	31.7	56.8	13.9	16.9	29.7	31.3	26.0
LANNING	2016	MAES	29.0	58.7	13.0	21.5	29.6	43.7	31.6
LCS PRO	2015	LIMAGRAIN	29.3	58.7	13.0	19.0	30.6	35.5	28.4
NS PRESSER CLP	2016	MAES	27.7	57.8	12.2	16.6	29.7	41.9	29.4
REEDER	1999	NDSU	28.7	59.3	14.9	17.2	27.8	40.5	28.5
SY INGMAR	2015	Syngenta/AgriPro	26.3	59.0	14.4	16.1	18.1	35.0	23.1
SY SOREN	2011	Syngenta/AgriPro	29.0	58.5	14.2	17.5	27.9	38.6	28.0
VIDA	2005	MAES	27.3	57.5	13.3	19.8	<u>31.5</u>	44.8	32.0
WB GUNNISON	2011	Westbred, LLC	28.0	<u>60.1</u>	12.0	19.3	30.5	39.9	29.9
Average			27.8	58.2	13.4	20.0	29.1	38.2	
LSD (0.05)			2.7	1.8	2.3	N.S.	N.S.	7.0	
CV (%)			5.9	1.9	10.6	15.2	14.6	11.2	
P-value			0.0380	0.0090	0.3850	<0.0001	0.0500	0.0390	

+ = New for 2019

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.

N.S. = Not Significant