

Table 2: Spring wheat variety trial at Denton, MT.

Variety/Pedigree	Year of Release	Source	Height (in)	Test Weight (lb/bu)	Protein (%)	Grain Yield (bu/ac)			
						2018	2019	2020	3 yr Avg
ALUM	2014	WSU	24.3	<u>63.6</u>	13.9	34.1	37.1	32.8	34.7
BRENNAN	2009	Syngenta/AgriPro	23.3	63.4	15.5	26.8	32.4	22.3	27.2
CHOTEAU	2003	MAES	25.0	62.2	14.7	28.3	38.3	32.7	33.1
CORBIN	2006	Westbred, LLC	24.3	63.5	14.1	29.7	34.0	31.8	31.8
+ DAGMAR			24.7	62.7	15.1			37.5	
DUCLAIR	2011	MAES	25.3	61.9	14.5	29.5	41.7	39.3	36.8
EGAN	2013	Westbred, LLC	26.0	59.7	<u>16.7</u>	25.4	35.4	30.4	30.4
FORTUNA	1966	MAES/NDSU	31.0	62.4	14.4	29.7	31.3	25.2	28.7
LANNING	2016	MAES	23.7	60.6	15.7	29.6	43.7	33.9	35.7
LCS PRO	2015	LIMAGRAIN	24.7	62.5	14.7	30.6	35.5	23.9	30.0
NS PRESSER CLP	2016	MAES	26.0	60.3	16.4	29.7	41.9	35.7	35.8
REEDER	1999	NDSU	26.0	62.5	15.4	27.8	40.5	26.1	31.5
SY INGMAR	2015	Syngenta/AgriPro	24.0	62.7	16.1	18.1	35.0	21.1	24.7
SY SOREN	2011	Syngenta/AgriPro	24.0	62.4	15.0	27.9	38.6	24.2	30.2
VIDA	2005	MAES	25.7	62.9	13.3	31.5	44.8	38.6	38.3
WB GUNNISON	2011	Westbred, LLC	24.3	63.0	14.1	30.5	39.9	35.5	35.3
Mean			25.2	62.3	14.8	29.1	38.2	31.9	
CV%			4.7	1.7	6.7	N.S.	7.0	26.5	
LSD			1.9	1.8	1.6	14.6	11.2	13.9	
P-Value			0.0000	0.0040	0.0160	0.0500	0.0390	0.0530	

+ = New for 2020

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