

Table 3: Spring wheat variety trial at Geraldine, 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	30.0	<u>57.2</u>	13.8	67.2	47.1	54.9	56.4
BRENNAN	2009	Syngenta/AgriPro	26.3	55.7	15.9	67.0	48.0	42.8	52.6
CHOTEAU	2003	MAES	28.0	54.2	14.6	79.1	46.6	49.8	58.5
CORBIN	2006	Westbred, LLC	28.0	52.6	14.3	76.8	45.4	45.8	56.0
+ DAGMAR			28.3	53.6	14.4			54.0	54.0
DUCLAIR	2011	MAES	27.7	51.4	13.6	70.6	47.0	51.4	56.3
EGAN	2013	Westbred, LLC	31.0	52.9	15.4	68.1	48.8	53.6	56.8
FORTUNA	1966	MAES/NDSU	35.7	55.1	14.5	59.1	41.7	37.5	46.1
LANNING	2016	MAES	29.7	52.0	14.1	70.6	49.8	56.7	59.0
LCS PRO	2015	LIMAGRAIN	30.7	54.4	14.4	73.2	47.2	42.9	54.4
NS PRESSER CLP	2016	MAES	30.7	50.8	<u>16.0</u>	72.7	46.9	<u>59.8</u>	59.8
REEDER	1999	NDSU	32.0	52.8	13.9	71.3	48.7	48.9	56.3
SY INGMAR	2015	Syngenta/AgriPro	28.3	56.0	15.3	67.2	48.7	47.9	54.6
SY SOREN	2011	Syngenta/AgriPro	26.3	54.0	15.0	73.9	48.4	46.2	56.2
VIDA	2005	MAES	28.0	49.9	13.9	82.0	55.0	57.8	64.9
WB GUNNISON	2011	Westbred, LLC	27.3	56.3	14.0		43.3	47.7	45.5
Mean			29.1	53.3	14.4	71.2	47.9	49.2	
CV%			4.4	7.1	3.3	10.5	4.5	18.1	
LSD			2.1	6.3	0.8	9	5.7	14.6	
P-Value			0.0000	0.4880	0.0000	0.0050	0.0005	0.3090	

+ = 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