

Table 4: Spring wheat variety trial at Fort Benton, MT.

Variety/Pedigree	Year of Release	Source	Height (in)	Test Weight (lb/bu)	Protein (%)	Grain Yield (bu/ac) 2020
ALUM	2014	WSU	29.3	60.1	14.3	31.1
BRENNAN	2009	Syngenta/AgriPro	25.7	<b><u>62.5</u></b>	15.0	30.9
CHOTEAU	2003	MAES	28.0	61.0	14.0	36.4
CORBIN	2006	Westbred, LLC	27.3	61.4	14.5	40.2
+ DAGMAR			29.0	61.5	14.5	34.5
DUCLAIR	2011	MAES	28.3	60.2	13.9	34.1
EGAN	2013	Westbred, LLC	29.3	59.3	14.8	35.6
FORTUNA	1966	MAES/NDSU	32.7	59.8	<u>15.4</u>	29.9
LANNING	2016	MAES	29.3	61.7	13.7	36.3
LCS PRO	2015	LIMAGRAIN	30.3	60.4	13.8	31.2
NS PRESSER CLP	2016	MAES	28.7	59.8	14.5	35.2
REEDER	1999	NDSU	28.3	62.1	13.4	32.6
SY INGMAR	2015	Syngenta/AgriPro	26.7	61.7	15.1	33.3
SY SOREN	2011	Syngenta/AgriPro	26.7	61.1	14.1	33.5
VIDA	2005	MAES	27.7	61.2	13.4	<u>42.0</u>
WB GUNNISON	2011	Westbred, LLC	28.3	60.8	15.1	32.0
Mean			28.6	61.0	14.1	35.1
CV%			3.3	1.7	5.8	11.8
LSD			1.5	1.7	1.4	6.8
P-Value			0.0000	0.0300	0.0310	0.0060

+ = 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