

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

Variety/Pedigree	Year of Release	Source	Height (in)	Test Weight (lb/bu)	Protein (%)	Grain Yield (bu/ac)		
						2018	2019	2 yr avg
ALUM	2014	WSU	30.0	<u>61.9</u>	12.7	67.2	47.1	57.2
MS Barracuda		Meridian Seeds	27.0	<u>60.3</u>	13.1	70.0	47.6	58.8
BRENNAN	2009	Syngenta/AgriPro	29.0	<u>61.9</u>	14.0	67.0	48.0	57.5
MS Camaro		Meridian Seeds	28.0	<u>62.3</u>	13.7	62.8	46.2	54.5
MS Cheville		Meridian Seeds	28.0	<u>60.3</u>	12.3	79.5	50.7	65.1
CHOTEAU	2003	MAES	29.0	60.1	13.4	79.1	46.6	62.9
CORBIN	2006	Westbred, LLC	28.7	59.8	13.5	76.8	45.4	61.1
DUCLAIR	2011	MAES	29.0	59.9	12.9	70.6	47.0	58.8
EGAN	2013	Westbred, LLC	31.3	59.3	<u>14.7</u>	68.1	48.8	58.5
FORTUNA	1966	MAES/NDSU	35.0	60.9	13.5	59.1	41.7	50.4
LANNING	2016	MAES	29.0	59.9	13.1	70.6	49.8	60.2
LCS PRO	2015	LIMAGRAIN	31.0	59.8	13.2	73.2	47.2	60.2
NS PRESSER CLP	2016	MAES	31.0	58.7	12.3	72.7	46.9	59.8
REEDER	1999	NDSU	31.3	60.8	13.5	71.3	48.7	60.0
SY INGMAR	2015	Syngenta/AgriPro	28.7	61.8	13.6	67.2	48.7	58.0
SY SOREN	2011	Syngenta/AgriPro	28.3	60.2	14.0	73.9	48.4	61.2
VIDA	2005	MAES	29.3	60.3	12.2	<u>82.0</u>	<u>55.0</u>	68.5
WB GUNNISON	2011	Westbred, LLC	28.0	61.3	12.8		43.3	43.3
Average			29.8	60.3	13.3	71.2	47.9	
LSD (0.05)			1.2	1.0	0.9	10.5	4.5	
CV (%)			2.6	1.0	4.1	9.0	5.7	
P-value			<0.0001	<0.0001	<0.0001	0.0050	0.0005	

+ = 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