

Table 1: 2019-2020 Winter Wheat Trial, Moccasin, MT

Variety/Pedigree	Year of Release	Source	Heading Date		Test Weight (lb/bu)	Protein (%)	Grain Yield (bu/ac)			
			cal	jul			2018	2019	2020	3 yr avg
AAC Wildfire	2015	Alberta: SECAN	6/21/2020	173	63.1	10.5		77.9	59.4	
BobCat			6/17/2020	169	63.5	10.2			55.0	
Brawl CLP	2011	Colorado Research Foundation	6/21/2020	173	<u>65.1</u>	<u>12.6</u>	59.1	63.1	45.8	56.0
Byrd CL Plus	2018	Plainsgold/Col. Wheat Res Fdn	6/13/2020	165	64.8	9.1		76.2	66.2	
Flathead			6/21/2020	173	63.3	11.4			46.9	
FourOsix	2018	Montana (MT1465)	6/17/2020	169	63.6	10.3	70.0	76.3	62.0	69.4
Judee	2011	Montana	6/17/2020	169	64.9	11.0	57.9	69.6	56.1	61.2
Keldin	2011	Westbred	6/16/2020	168	63.9	10.9	66.3	73.0	60.7	66.7
Loma	2016	Montana	6/17/2020	169	63.3	10.5	68.0	71.6	59.4	66.4
Northern	2015	Montana	6/14/2020	166	63.6	11.1	68.0	71.6	59.8	66.5
StandClear CLP			<u>6/12/2020</u>	<u>164</u>	65.1	11.3			54.8	
SY Clearstone 2CL	2012	Montana/Syngenta	6/16/2020	168	63.2	10.5	67.8	80.6	57.6	68.7
SY Monument	2015	Syngenta	6/16/2020	168	63.9	10.4	71.5	77.6	55.1	68.1
Warorse	1013	Montana	6/19/2020	171	63.8	11.1	60.6	66.0	51.2	59.3
Yellowstone	2005	Montana	6/19/2020	171	62.6	10.6	68.7	71.9	57.2	65.9
Average			6/17/2020	169	63.8	10.8	65.5	71.2	55.0	
LSD (0.05)			ns	ns	1.6	0.7	10.4	9.4	7.2	
CV (%)			5.9	5.9	1.5	3.8	11.1	7.6	8.1	
P-value			0.077	0.077	<.0001	<.0001	0.0006	<0.0001	<.0001	

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