

Table 2: 2019-2020 Winter Wheat Trial, 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
AAC Wildfire	2015	Alberta: SECAN	37.4	<b>62.0</b>	12.1		59.4	<b>101.4</b>	
Bobcat			29.6	<b>62.0</b>	11.9			86.9	
Brawl CLP	2011	Colorado Research Foundation	30.9	<b>62.2</b>	12.5	54.7	56.1	78.8	63.2
Byrd CL Plus	2018	Plainsgold/Col. Wheat Res Fdn	33.8	<b>61.8</b>	11.6			93.9	
Flathead			32.3	<b>61.8</b>	12.1			<b>99.5</b>	
FourOsix	2018	Montana (MT1465)	34.1	<b>62.5</b>	12.3	50.6	<b>69.1</b>	<b>109.8</b>	76.5
Judee	2011	Montana	33.3	<b>62.6</b>	12.1	51.6	56.5	98.6	68.9
Keldin	2011	Westbred	32.5	62.3	12.6	30.4	<b>70.1</b>	97.9	66.1
Loma	2016	Montana	32.7	61.2	<b>12.7</b>	56.2	61.6	95.0	70.9
Northern	2015	Montana	34.5	61.2	12.0	53.0	<b>67.2</b>	<b>113.8</b>	78.0
StandClear CLP			33.7	<b>62.7</b>	12.4			<b>106.8</b>	
SY Clearstone 2CL	2012	Montana/Syngenta	36.8	60.9	<b>12.7</b>	61.2	59.7	90.8	70.6
SY Monument	2015	Syngenta	32.1	60.6	12.1	53.3	60.1	95.3	69.6
Warhorse	1013	Montana	33.4	61.2	12.6	54.8	61.8	<b>104.4</b>	73.7
Yellowstone	2005	Montana	34.4	61.2	11.9	51.8	59.4	93.6	68.3
Average			33.3	61.5	12.2	53.7	62.3	95.5	
LSD (0.05)			1.9	1.2	ns	22.5	7.5	15.2	
CV (%)			3.3	1.1	5.7	19.8	6.6	8.8	
P-value			<.0001	<.0001	0.0937	0.5000	0.0062	<.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