

TABLE: 2017 Barley variety trial, Moccasin, Montana.

	Variety/Pedigree	Year of Release	Source	Type	Heading Date		Yield (bu/ac)		Test Weigh (lb/bu)	Protein (%)	Plump (%)	Gross Return (\$/ac)
					cal	jul	2017	2016				
+	Balster	-	-	-	1-Jul	182	32.0	-	49.0	13.5	20.2	117.10
+	Bill Coors 100	-	-	-	5-Jul	187	36.8	-	52.2	14.1	55.6	144.40
	Champion	2007	Westbred, LLC	F	2-Jul	183	38.3	57.6	52.6	12.4	14.4	151.40
+	Claymore	-	-	-	4-Jul	186	37.8	-	49.6	13.7	12.1	140.30
	Conrad	2007	MAES	M/F	8-Jul	189	37.4	46.5	51.7	13.7	39.6	145.80
+	Copeland	-	-	-	1-Jul	182	38.7	-	49.9	14.6	33.0	145.40
+	Eslick	2003	MAES	F	11-Jul	192	39.5	70.9	50.6	13.5	5.5	150.40
+	Genie	-	-	-	5-Jul	186	37.9	-	53.0	13.0	37.3	150.90
+	Growler	-	-	-	6-Jul	188	28.0	-	48.9	15.0	26.4	102.80
	Haxby	2003	MAES	F	27-Jun	178	34.3	60.0	52.9	12.5	9.5	136.20
	Haybet	1989	MAES/USDA	F	28-Jun	179	33.7	36.7	49.6	14.6	2.7	125.90
	Hays	2003	MAES	F	6-Jul	188	33.8	53.4	48.5	14.1	15.2	123.70
	Hockett	2008	MAES	M/F	1-Jul	182	34.8	59.3	53.1	12.5	43.2	138.50
	Lavina	1989	MAES/USDA	F	1-Jul	182	36.3	59.8	48.5	12.5	8.4	132.90
+	Merit	-	-	-	4-Jul	186	28.8	52.2	51.6	13.9	28.0	112.70
+	Metcalfe	-	-	-	28-Jun	179	36.9	48.4	50.3	15.0	25.2	138.70
+	Moravian165	-	-	-	29-Jun	180	36.5	39.1	50.8	14.0	35.6	140.40
+	Odyssey	-	-	-	11-Jul	192	34.3	-	49.7	14.6	27.6	127.70
+	Oreana	-	-	-	8-Jul	190	34.2	-	51.9	13.5	40.6	134.40
+	Synergy	-	-	-	29-Jun	181	34.6	-	49.1	13.4	27.0	128.00
	Average				2-Jul	184	34.3	51.4	51.2	13.6	26.9	133.60
	C.V. (%)				0.008	1.9	15.8	19.2	2.7	2.7	43.2	17.6
	LSD (0.05)				5.7	5.7	N.S.	N.S.	2.3	1.2	N.S.	N.S.
	P-value				<0.0001	<0.0001	0.5901	-	<0.0001	<0.0001	<0.0001	0.6225

+ = new for 2017

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.

Type: M/F = Malt/Forage

N.S. = Not Significant