

Barley variety trial, Moccasin, MT, 2016.

Variety/Pedigree	Year of Release	Source	Type	Grain Yield (bu/ac)			Protein (%)	Test Weight (lb/bu)	Plump (%)
				2016	2015-16	2014-16	2016		
Champion	2007	WestBred, LLC	F	57.6	54.4	49.7	14.4	55.3	85.1
Conlon	1996	NDSU	M/F	41.5	...	...	15.2	53.2	76.8
Conrad	2007	MAES	M/F	46.5	46.6	47.0	16.3	54.2	65.3
Craft	--	--	M/F	40.5	43.7	43.2	14.9	56.3	75.9
Eslick	2003	MAES	F	<u>70.9</u>	...	...	13.4	55.8	90.6
Genesis	2015	NDSU	M/F	42.2	...	...	13.3	54.7	84.4
Harrington	1981	Canada	M/F	46.8	44.8	46.7	15.3	53.7	40.8
Haxby	2003	MAES	F	60.0	<u>55.3</u>	<u>54.9</u>	13.6	<u>56.5</u>	87.6
Haybet	1989	MAES/USDA	Forage	36.7	39.7	...	16.4	52.3	30.2
Hays	2003	MAES	Forage	53.4	...	...	15.9	53.9	74.8
Hockett	2008	MAES	M/F	59.3	52.4	50.0	13.8	56.1	32.3
Lavina	1989	MAES/USDA	Forage	59.8	54.5	...	14.3	53.0	21.0
Merit	--	--	--	52.2	47.6	....	<u>16.5</u>	53.7	43.3
Metcalfe	--	Canada	M/F	48.4	44.9	47.8	15.3	55.4	89.2
Moravian115	--	--	--	39.1	38.8	...	15.4	52.7	73.4
Overture	--	Britain	--	58.8	...	...	13.2	55.2	86.9
Pinnacle	2006	NDSU	M/F	48.9	...	...	13.6	55.7	<u>96.5</u>
Rawson	2005	NDSU	F	49.5	...	...	13.3	56.3	94.3
Stepford	--	--	Forage	45.8	...	...	13.8	49.2	89.7
Stockford	--	--	Forage	64.1	54.4	...	13.1	54.7	93.0
Average				51.38	48.1	48.5	14.3	54.6	73.0
C.V. (%)				19.22	...	...	8.33	2.39	30.19
LSD (0.05)				21.63	...	...	...	3.66	...

Note: Trial seeded 4/4/2016 and harvested 8/8/2016. Fertilizer applied at 10+15+10+5 w/seed + 30 N topdress urea.