

Barley variety trial, acidic soils, Highwood, MT, 2016.

Variety/Pedigree	Year of Release	Source	Type	Grain Yield (bu/ac)	Protein (%)	Test Weight (lb/bu)	Plump (%)
Champion	2007	WestBred, LLC	F	38.5	8.4	55.5	89.0
Conlon	1996	NDSU	M/F	26.4	11.1	52.0	76.8
Conrad	2007	MAES	M/F	36.3	10.2	54.8	86.2
Craft	--	--	M/F	39.1	10.2	56.2	90.1
Harrington	1981	Canada	M/F	46.1	9.7	56.3	89.1
Haxby	2003	MAES	F	38.6	10.1	56.0	90.1
Haybet	1989	MAES/USDA	Forage	32.3	11.8	54.2	69.1
Hays	2003	MAES	Forage	40.9	9.9	54.2	78.7
Hockett	2008	MAES	M/F	42.1	10.6	56.3	94.0
Lavina	1989	MAES/USDA	Forage	37.6	9.7	54.7	70.0
Merit 57	--	--	--	42.9	8.9	55.8	86.3
Metcalfe	--	Canada	M/F	31.0	9.5	55.7	90.3
Moravian	--	--	--	31.7	9.3	54.8	95.2
Stockford	--	--	Forage	18.6	12.3	50.3	93.6
Average				34.64	10.48	54.5	86.3
C.V. (%)				16.57	12.54	2.0	8.1
LSD (0.05)				12.92	...	3.2	...

Note: Trial seeded 4/11/2016 and harvested 8/17/2016. Fertilizer applied at 10+15+10+5 w/seed + 30 N topdress urea.