

**2019 Barley Hay Variety Trial at Minot**

Variety	Days to Head	Plant Height	Harvest Moisture	Yield 0% moist
	DAP <sup>1</sup>	inches	%	tons/A
Haymaker	68	28	56	3.20
Stockford	68	27	57	2.91
Hays	69	25	52	2.62
Lavina	68	25	51	2.39
Tradition	62	27	51	2.19
Bestford	64	29	65	1.88
Trial Mean	66	27	55	2.53
C.V.%	0.9	7.1	5.6	7.5
LSD 5%	1	NS	1	0.35
LSD 10%	1	NS	1	0.28

<sup>1</sup>DAP = days after planting

*Planting Date: April 24*

*Harvest Date: July 24 (soft dough)*

*Seeding Rate: 90 lbs/A*

*Tillage: Transitional No-till (year 2)*

*Previous Crop: Soybean*

*Soil Type: Williams Loam*

**2019 North Dakota Oat Variety Descriptions**

Variety	Origin <sup>1</sup>	Year Released	Grain Color	Height	Straw Strength	Maturity <sup>2</sup>	Reaction to Diseases				
							Rust <sup>3</sup>	Rust <sup>3</sup>	Y.Dwf <sup>4</sup>	Weight	Protein <sup>5</sup>
AC Pinnacle	AAFC	1999	White	39	Med.	63	8	8	8	V.good	L
Beach	ND	2004	White	35	M.strg.	63	8	4	6	V.good	M
CDC Dancer	Sask.	2000	White	35	Strong	63	8	6	8	V.good	M
CDC Minstrel	Sask.	2006	White	34	M.strg.	64	8	8	8	Good	M
CS Camden	Meridian	2016	White	33	Strong	64	8	6	NA	Good	NA
Deon	MN	2013	Yellow	37	Strong	65	8	1	2	V.good	NA
Hayden	SD	2014	White	36	Med.	62	8	7	NA	V.good	NA
HiFi	ND	2001	White	35	Strong	63	4	8	2	Good	M
Hyttest	SD	1986	White	38	M.strg.	62	8	6	8	V.good	H
Jury	ND	2012	White	34	M.strg.	64	1	8	4	V.good	M
Killdeer	ND	2000	White	32	Strong	63	8	6	4	Good	M
Leggett	AAFC	2005	White	33	Strong	63	3	1	8	Good	M
Newburg	ND	2011	White	38	Med.	62	1	8	4	Good	M
Otana	MT	1977	White	36	M.weak	63	8	8	8	V.good	M/L
Paul6	ND	1994	Hull-less	37	Strong	68	1	4	2	Good	H
Rockford	ND	2008	White	38	Strong	65	8	8	4	V.good	M
Souris	ND	2006	White	33	Strong	63	6	8	6	V.good	M
Stallion	SD	2006	White	34	Med.	64	8	3	NA	V.good	M
Warrior	SD	2018	White	32	Strong	62	NA	1	NA	V.good	M

<sup>1</sup> AAFC = Agriculture & Agri-Food Canada; MN = University of Minnesota; ND = North Dakota State University; SD = South Dakota State University; Sask. = University of Saskatchewan; MT = Montana State University.

<sup>2</sup> Days after planting.

<sup>3</sup> Disease reaction scores from 1-9, with 1 = resistant and 9 = very susceptible.

<sup>4</sup> Disease reaction scores from 1-9, with 1 = resistant and 9 = very susceptible, NA – not available.

<sup>5</sup> H = high; M = medium; L = low; NA = not available.

<sup>6</sup> Hull-less variety.