

2026 Barley Variety Trial at Minot

Variety	Days to	Plant	Lodging	Test			Yield				
	Head	Height		Weight	Protein	Plump	2024	2025	2026	2-yr avg	3-yr avg
	DAP	inches	1 to 9**	lbs/bu	%	%	bu/A				
AAC Prairie	64	38	1	46.8	18.0	94.3	82.6	59.4	94.7	77.1	78.9
AAC Synergy	64	37	1	48.0	16.1	95.6	79.1	50.8	95.8	73.3	75.2
ABI Cardinal	63	34	1	45.7	14.1	95.9	78.4	67.2	97.2	82.2	80.9
Brewski	61	35	1	51.2	13.8	98.3	70.5	69.1	99.1	84.1	79.6
CDC Churchill	65	35	1	48.4	14.8	97.9	--	58.9	93.7	76.3	--
CDC Fraser	65	35	1	49.2	14.9	96.9	66.4	56.5	85.0	70.8	69.3
Explorer	63	29	1	47.2	18.9	87.7	59.2	56.8	103.3	80.1	73.1
Firefoxx	64	30	1	42.0	15.6	95.2	--	58.0	86.3	72.2	--
KWS Imagis	65	29	1	44.8	13.8	98.2	--	--	92.0	--	--
KWS Kayis	64	28	1	43.3	14.3	97.9	--	--	92.7	--	--
ND Genesis	63	39	1	50.6	14.3	97.2	104.6	57.4	104.6	81.0	88.9
ND Treasure	63	33	1	45.6	16.4	95.3	88.0	68.1	88.0	78.1	81.4
Pinnacle	63	33	1	49.8	16.3	96.4	101.8	63.2	101.8	82.5	88.9
Tradition	62	37	1	48.5	15.7	96.4	98.6	59.9	98.6	59.9	63.1
Trial mean	63	33	1	47.3	15.0	96.5	73.3	57.1	96.8	--	--
C.V.%	1.9	4.9	--	4.9	7.3	2.7	7.1	8.4	6.2	--	--
LSD 5%	2	3	NS	3.9	1.8	4.3	8.6	7.9	9.8	--	--
LSD 10%	1	2	NS	3.2	1.5	3.6	7.1	6.6	8.2	--	--

*DAP = Days after planting.

**Lodging: 1 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planting date: April 28, 2026

Harvest date: August 4, 2026

Seeding rate: 800,000 live seeds/acre

Previous crop: soybeans

Tillage system: no-till

Soil type: Williams loam