

2025 Barley Variety Trial at Minot

Variety	Days to	Plant	Lodging	Test			Yield				
	Head	Height		Weight	Protein	Plump	2023	2024	2025	2-yr avg	3-yr avg
	DAP*	inches	1 to 9**	lbs/bu	%	%	bu/a				
AAC Prairie	62	22	1	46.4	14.9	95.8	89.6	82.6	59.4	71.0	77.2
AAC Synergy	64	22	1	44.2	14.9	94.1	95.1	79.1	50.8	65.0	75.0
ABI Cardinal	63	19	1	47.5	14.9	96.1	84.9	78.4	67.2	72.8	76.8
Brewski	62	21	1	46.8	15.0	91.0	86.9	70.5	69.1	69.8	75.5
CDC Churchill	63	20	1	48.2	14.9	84.8	--	--	58.9	--	--
CDC Fraser	64	21	1	44.6	14.9	75.1	80.3	66.4	56.5	61.5	67.7
Explorer	63	19	1	45.2	13.4	95.0	83.0	59.2	56.8	58.0	66.3
FIREFOXX	62	18	1	44.6	13.6	96.5	--	--	58.0	--	--
ND Genesis	60	25	1	45.6	14.2	91.1	73.1	76.6	57.4	67.0	69.0
ND Treasure	60	23	1	42.8	15.6	89.1	87.4	78.0	68.1	73.1	77.8
Pinnacle	62	25	1	43.4	14.4	93.8	79.6	74.5	63.2	68.9	72.4
SY Stanza	62	19	1	46.2	13.6	95.4	--	--	55.5	--	--
Tradition	60	24	1	44.5	14.1	93.8	93.8	66.2	59.9	63.1	73.3
Trial Mean	61	21	1	44.8	14.7	92.3	86.6	73.3	57.1	--	--
C.V.%	3.2	10.7	--	3.8	6.7	4.7	10.9	7.1	8.4	--	--
LSD 5%	3	4	NS	2.8	1.6	7.0	15.6	8.6	7.9	--	--
LSD 10%	2	3	NS	2.3	1.3	5.9	13.0	7.1	6.6	--	--

*DAP = Days after planting.

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

NS = no statistical difference between varieties.

Planting date: April 30, 2025

Harvest date: September 8, 2025

Seeding rate: 800,000 live seeds/acre

Previous crop: winter wheat

Tillage system: no-till

Soil type: Williams loam