

2023 Barley Variety Trial at Minot

Variety	Days	Plant Height	Test Weight	Protein %	Plump %>6/64	-----Grain Yield-----				
	to Head					2020	2022	2023	2-yr avg	3-yr avg
	DAP ¹	inches	lbs/bu			-----bu/A-----				
AAC Connect	48	29	45.2	13.8	97	109.2	90.0	87.2	87.2	95.5
AAC Synergy	48	31	45.6	13.2	98	113.3	85.1	95.1	95.1	97.8
ABI Cardinal	48	28	45.5	13.3	97	105.4	95.6	84.9	84.9	95.3
Brewski	45	28	45.2	12.4	98	123.7	82.5	86.9	86.9	97.7
CDC Fraser	50	28	44.0	12.7	97	--	86.4	80.3	80.3	--
CDC Prairie	47	29	44.9	13.4	96	--	--	89.6	--	--
Conlon	43	29	47.3	13.4	98	83.7	90.1	84.4	84.4	86.1
Explorer	46	26	44.8	13.2	98	107.2	93.0	83.0	83.0	94.4
ND39977	43	25	42.1	11.5	96	--	--	79.4	--	--
ND Genesis	47	31	44.9	11.3	98	119.3	86.4	73.1	73.1	92.9
ND Treasure	43	25	40.9	11.5	95	--	--	87.4	--	--
Pinnacle	47	30	45.1	10.9	98	107.5	78.8	79.6	79.6	88.6
Tradition	42	30	44.1	11.9	98	100.4	84.0	93.8	93.8	92.7
CDC Durango	49	28	46.4	12.1	97	--	--	96.8	--	--
CDC Renegade	49	33	44.8	12.2	97	--	--	89.5	--	--
KWS Willis	48	25	44.7	12.7	99	--	--	82.2	--	--
Trial Mean	46	28	44.6	12.3	98	--	--	86.6	--	--
C.V.%	2.5	7.6	1.4	7.0	0.9	--	--	10.9	--	--
LSD 5%	2	4	1.0	1.4	1	--	--	15.6	--	--
LSD 10%	2	3	0.9	1.2	1	--	--	13.0	--	--

¹ DAP = days after planting.

Planted on May 24 and harvested on August 30.

Previous crop: 2020 and 2022 = soybean, 2023 = fallow

Note: The 2021 trial sustained extreme drought. Data not shown.