

**NDSU Carrington Research Extension Center
2021 Variety Trial Data**

Barley - Dryland	Carrington
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Variety	Days to Head	Plant Height inch	Plant Lodge 0 to 9	Plump >6/64 %	Thin <5/64 %	-- Grain Protein --		----- Grain Yield -----			
						2021	3-yr. Avg. %	Test Weight lb/bu	2021	2-yr. Avg. bu/ac	3-yr. Avg. bu/ac
Two Row											
Conlon	60.0	23.8	1.3	96.7	0.5	15.0	13.2	52.9	44.2	61.4	57.7
Pinnacle	64.3	23.8	1.5	93.9	0.9	13.6	12.0	53.1	50.3	66.8	61.1
ND Genesis	64.8	24.0	1.3	93.8	0.4	13.5	12.4	51.8	50.7	63.9	59.5
AAC Synergy	66.3	25.8	2.0	93.0	0.7	14.9	12.9	52.7	52.4	68.6	65.8
CDC Bow	68.5	24.6	1.8	92.6	0.8	15.2	13.3	51.5	47.2	61.1	57.9
CDC Fraser	68.0	26.9	2.0	92.2	0.9	15.1	--	50.7	51.5	--	--
Explorer	64.3	21.1	1.5	94.9	0.7	15.5	13.4	53.4	50.8	67.0	61.0
AAC Connect	66.3	26.3	1.5	91.6	0.9	15.5	13.2	53.1	52.1	68.1	66.9
Brewski	67.0	22.9	1.0	93.5	0.7	14.5	--	52.0	50.9	--	--
ABI Cardinal	65.8	23.7	1.8	92.7	1.0	15.1	--	51.1	57.9	--	--
CDC Churchill	67.8	22.3	1.5	90.2	0.9	15.0	--	51.8	52.4	--	--
CDC Austenson	68.8	26.0	2.3	85.0	2.2	15.6	--	51.9	53.0	--	--
Esmā	64.8	22.1	1.3	93.4	0.9	15.2	--	52.5	55.9	--	--
Six Row											
Tradition	62.0	23.4	1.0	93.1	0.5	15.0	13.3	52.2	53.1	69.5	73.8
AB Advantage	68.0	28.3	2.8	89.4	0.7	14.7	--	48.6	55.3	--	--
MEAN	65.5	23.6	1.3	93.1	0.8	14.5	--	51.7	50.4	--	--
C.V. (%)	2.3	10.5	51.8	2.5	32.0	2.4	--	1.1	13.8	--	--
LSD 0.10	1.8	2.9	0.8	2.8	0.30	0.4	--	0.7	8.2	--	--
LSD 0.05	2.2	3.5	1.0	3.3	0.36	0.5	--	0.8	NS	--	--

Planting Date = April 21; Harvest Date = August 3 ; Previous Crop = Dry Bean

Barley seeding rate used in this trial was 1,100,000 pure live seeds acre⁻¹.