

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

<b>Barley - Irrigated</b>	<b>Carrington</b>
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Variety	Days to Head	Plant Lodge 0 to 9	Plant Height inch	Plump >6/64 %	Thin <5/64 %	--- Grain Protein ---		---- Grain Yield ----		
						2021	3-yr. Avg.	Test Weight lb/bu	2021	3-yr. Avg.
						----- % -----	----- % -----	----- lb/bu -----	----- bu/ac -----	
<b>Two Row</b>										
Conlon	57.3	3.3	33.5	97.9	0.4	13.3	13.4	51.2	95.7	104.0
Pinnacle	61.8	2.0	31.0	97.4	0.6	11.7	11.7	50.8	108.8	114.3
ND Genesis	62.5	2.0	32.5	96.6	0.7	11.8	12.4	50.1	118.0	108.2
AAC Synergy	64.8	3.3	34.6	92.0	1.4	13.1	13.3	50.1	116.7	115.8
CDC Bow	66.5	2.5	35.1	96.4	0.8	13.3	13.3	49.7	106.0	107.2
CDC Fraser	66.3	2.8	32.3	95.0	1.0	13.2	--	49.0	103.7	--
Explorer	63.0	2.8	28.9	95.3	1.0	13.3	13.3	49.3	101.8	108.7
AAC Connect	63.8	3.0	32.2	93.5	1.5	13.4	13.4	50.3	107.9	111.6
Brewski	62.3	2.5	33.0	95.8	0.8	12.4	--	49.3	118.6	--
ABI Cardinal	63.0	3.0	32.7	95.1	0.9	13.4	--	49.3	115.0	--
CDC Churchill	65.0	3.0	32.1	91.8	1.5	12.8	--	50.1	120.7	--
CDC Austenson	65.5	3.5	37.9	89.9	2.6	12.8	--	51.6	113.0	--
Esmá	63.3	2.0	30.7	94.6	1.1	13.1	--	49.4	110.0	--
<b>Six Row</b>										
Tradition	59.3	1.3	31.7	92.7	1.1	13.9	13.7	49.5	107.7	117.5
AB Advantage	64.0	2.8	45.1	96.0	0.8	13.4	--	47.3	95.4	--
MEAN	62.5	2.5	32.9	95.3	0.9	12.6	--	49.5	112.6	--
C.V. (%)	1.6	21	9.1	1.8	30.1	2.7	--	1.2	5.9	--
LSD 0.10	1.2	0.6	3.5	2.1	0.3	0.4	--	0.7	7.8	--
LSD 0.05	1.4	0.7	4.2	2.5	0.4	0.5	--	0.8	9.4	--

**Planting Date = April 23; Harvest Date = August 6; Previous Crop = Field Pea**

Barley seeding rate used in this trial was 1,100,000 pure live seeds acre<sup>-1</sup>.