

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

Barley - Irrigated	Carrington
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Variety	Days to Head	Plant Lodge 0 to 9	Plant Height inch	Plump >6/64 %	Thin <5/64 %	Grain Protein %	Test Weight lb/bu	Grain Yield bu/ac
Two Row								
Conlon	55.5	5.3	35.5	96.5	0.6	13.4	48.9	111.2
Pinnacle	56.8	4.0	34.1	95.6	0.8	12.0	46.8	121.0
ND Genesis	61.8	7.8	34.4	93.4	1.1	13.6	44.3	83.7
AAC Synergy	59.3	7.0	36.0	94.8	0.8	13.6	46.5	107.2
ABI Balster	61.8	4.8	33.1	90.8	1.2	14.3	45.3	102.6
Explorer	58.8	7.3	33.5	85.3	3.5	13.9	44.4	101.7
AAC Connect	58.3	6.3	34.4	92.5	1.1	13.8	45.9	113.8
CDC Bow	63.3	5.5	34.0	94.3	1.0	13.7	46.0	105.6
CDC Fraser	61.8	6.8	34.9	92.3	1.4	13.5	44.5	93.5
Lowe	62.8	7.8	38.0	89.2	1.7	14.5	46.7	88.2
Six Row								
Tradition	55.0	3.5	35.6	94.4	0.8	14.0	46.4	115.7
Lacey	56.8	3.0	35.5	93.2	0.9	14.5	46.7	114.6
MEAN	58.3	5.5	34.7	93.4	1.1	13.4	46.1	109.5
C.V. (%)	1.3	24.1	4.1	2.5	37.9	3.2	1.5	7.5
LSD 0.10	0.9	1.6	1.7	2.7	0.5	0.5	0.8	9.8
LSD 0.05	1.0	1.9	2.0	3.2	0.6	0.6	0.9	11.7

Planting Date = May 7; Harvest Date = August 18; Previous Crop = Soybean

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