

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

<b>Barley</b>	<b>Tri-County - Wishek</b>
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Variety	Plant	Plant	Flag Leaf	Plump	Thin	--- Grain Protein ---		Test	----- Grain Yield -----		
	Lodge	Height	Disease	>6/64	<5/64	2019	3-yr. Avg.	Weight	2019	2-yr. Avg.	3-yr. Avg.
	0 to 9	inch	%	%	%	----- %	-----	lb/bu	-----	bu/ac	-----
<b>Two Row</b>											
Conlon	7.0	26.7	30.0	94.5	3.1	13.5	--	43.4	55.3	--	--
Pinnacle	4.5	26.7	23.8	94.2	3.3	11.6	12.5	44.0	66.5	69.8	56.8
ND Genesis	6.5	26.4	16.3	91.2	4.5	13.6	13.6	37.5	51.2	63.6	53.7
AAC Synergy	1.5	26.8	5.3	97.4	1.4	13.1	13.7	42.9	77.6	85.9	67.4
ABI Balster	3.5	26.8	30.0	91.2	4.8	14.7	14.9	39.6	51.0	65.7	54.0
Explorer	4.0	25.2	33.8	91.8	3.7	13.1	13.7	41.5	50.9	67.3	58.1
AAC Connect	1.0	26.6	8.8	96.0	2.1	12.7	--	41.2	75.9	--	--
CDC Bow	1.0	25.9	27.5	95.9	2.4	14.1	--	40.3	48.0	--	--
<b>Six Row</b>											
Tradition	1.0	29.2	10.0	97.0	1.2	13.9	13.8	45.0	80.1	87.8	71.1
Lacey	1.5	28.7	12.5	97.5	1.2	14.0	14.0	44.0	73.1	87.7	70.5
Tradition Check	1.5	30.3	8.8	97.5	1.1	13.9	13.8	45.5	83.1	89.4	72.1
MEAN	3.0	26.8	20.6	94.6	2.7	13.1	--	42.3	66.3	--	--
C.V. (%)	43.4	8.3	36.2	1.4	24.0	3.9	--	1.8	7.5	--	--
LSD 0.10	2.8	2.6	8.9	1.5	0.8	0.6	--	0.9	5.9	--	--
LSD 0.05	3.9	3.2	10.7	1.8	0.9	0.7	--	1.1	7.1	--	--

**Planting Date = May 30; Harvest Date = September 18 ; Previous Crop = Soybean**

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