

**NDSU Carrington Research Extension Center  
2018 Variety Trial Data**

<b>Barley</b>					<b>Tri-County - Wishek</b>					
Variety	Plant Lodge 0 to 9	Plant Height inch	Plump >6/64 %	Thin <5/64 %	-- Grain Protein --		Test Weight lb/bu	----- Grain Yield -----		
					2018 ----- % -----	3-yr. Avg.		2018 ----- bu/ac -----	2-yr. Avg.	3-yr. Avg.
<b>Six Row</b>										
Lacey	0.8	31.1	93.7	0.4	13.9	13.8	47.4	102.4	69.2	76.5
Tradition	1.0	32.5	96.2	0.2	14.3	13.9	47.9	95.6	66.6	76.9
Stellar-ND	1.5	30.7	96.0	0.3	13.3	13.4	46.9	97.8	61.7	72.2
Celebration	1.8	29.3	94.9	0.5	15.2	14.6	46.3	97.2	63.7	79.5
Quest	1.8	31.7	92.4	0.6	14.3	13.7	46.1	86.8	60.8	72.8
Innovation	1.5	32.1	92.8	0.6	14.9	14.2	47.1	98.8	66.6	77.8
<b>Two Row</b>										
Pinnacle	2.8	30.1	92.6	0.9	12.9	12.6	46.3	73.1	51.9	67.0
ND Genesis	2.5	29.3	92.2	0.7	14.2	13.1	45.5	76.0	55.0	70.5
AAC Synergy	1.5	28.9	95.7	0.4	13.6	13.7	48.3	94.2	62.3	79.5
Sirish	1.3	27.0	94.7	0.5	14.9	14.3	46.0	72.6	52.8	66.6
ABI Balster	1.5	27.6	92.0	0.9	15.0	14.2	46.3	80.4	55.5	71.6
ABI Growler	1.5	27.2	93.1	0.6	14.6	14.2	45.6	74.8	54.0	70.1
LCS Odyssey	2.8	27.8	93.5	0.9	14.0	13.4	44.5	68.0	51.6	64.3
Explorer	0.8	26.6	95.3	0.5	14.3	--	47.3	83.6	61.7	--
MEAN	1.6	29.4	93.9	0.6	14.3	--	46.5	85.8	--	--
C.V. (%)	88.7	4.6	2.4	57.2	3.5	--	2.4	15.1	--	--
LSD 0.10	NS	1.6	2.7	0.4	0.6	--	1.3	15.4	--	--
LSD 0.05	NS	1.9	NS	NS	0.7	--	1.6	18.5	--	--

**Planting Date = May 4; Harvest Date = August 2; Previous Crop = Soybean**

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