

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

<b>Barley - Organic</b>					<b>Carrington</b>				
Variety	Days to Head	Plant Height inch	Plump >6/64 %	Thin <5/64 %	--- Grain Protein ---		Test Weight lb/bu	----- Grain Yield -----	
					2018	3-yr. Avg. %		2018	3-yr. Avg. bu/ac
<b>Six Row</b>									
Lacey	51.8	24.6	93.4	0.6	9.0	--	45.2	59.2	--
Tradition	52.3	26.3	92.1	0.5	9.4	9.8	45.1	50.9	55.5
Stellar-ND	54.0	26.0	93.0	0.6	8.8	9.4	44.0	52.0	59.5
Celebration	54.8	26.1	91.9	0.4	9.5	--	43.7	53.4	--
Quest	54.0	25.1	87.6	0.7	9.3	9.7	43.9	50.3	58.0
Innovation	53.8	23.3	96.5	0.2	9.1	--	44.0	53.9	--
<b>Two Row</b>									
Conlon	53.0	23.1	97.8	0.3	8.5	9.5	45.4	52.0	56.5
Rawson	58.3	24.2	98.3	0.2	9.2	9.6	43.9	56.1	58.4
Pinnacle	55.0	23.5	86.2	2.1	8.3	8.7	43.3	46.8	61.4
ND Genesis	59.5	24.1	88.5	1.2	8.5	8.9	42.5	52.3	62.9
ABI Balster	62.0	22.1	89.4	1.0	8.1	--	43.2	59.5	--
ABI Growler	61.5	22.3	85.2	1.4	8.6	--	40.0	49.4	--
Mean	55.8	24.2	91.6	0.8	8.9	--	43.7	53.0	--
C.V. (%)	2.4	7.0	3.3	38.8	4.5	--	1.9	11.7	--
LSD 0.10	1.6	2.0	3.6	0.4	0.5	--	1.0	7.4	--
LSD 0.05	1.9	2.4	4.4	0.5	0.6	--	1.2	8.9	--

**Planting Date = April 30; Harvest Date = July 24; Previous Crop = Cover Crop (lentil, crimson clover, turnip, and radish)**