

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

Barley - Dryland	Carrington
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Variety	Days to Head ¹	Plant Lodge 0 to 9	Plant Height inch	Plump >6/64 %	Thin <5/64 %	-- Grain Protein --		----- Grain Yield -----			
						2018 ----- %	3-yr. Avg. -----	Test Weight lb/bu	2-yr. Avg. -----	3-yr. Avg. -----	
Six Row											
Lacey	51.0	1.0	30.8	94.9	0.3	11.7	13.5	46.6	110.1	104.3	88.4
Tradition	50.3	0.5	34.4	96.3	0.3	11.5	13.4	46.1	106.9	103.2	85.2
Stellar-ND	51.0	1.3	33.5	95.9	0.4	11.9	13.0	44.5	113.2	108.8	90.8
Celebration	50.8	2.5	33.2	95.6	0.4	12.1	14.3	45.0	106.1	100.5	86.1
Quest	51.0	0.8	33.3	92.8	0.4	12.0	13.9	44.4	110.8	106.5	87.0
Innovation	50.3	0.5	31.3	97.5	0.2	11.2	13.7	45.7	108.3	101.1	85.7
Two Row											
Conlon	na	3.8	30.4	97.9	0.2	11.6	13.2	47.5	103.4	95.0	80.9
Pinnacle	na	3.3	30.8	91.5	1.0	10.9	12.3	43.1	83.6	92.5	80.3
ND Genesis	na	4.5	32.1	85.0	1.4	11.4	12.5	43.0	89.8	96.6	82.3
AAC Synergy	na	2.3	31.3	93.9	0.6	11.4	13.2	46.0	113.2	115.3	93.1
Sirish	na	2.8	27.8	92.0	0.4	11.1	13.4	44.1	94.8	95.1	81.2
ABI Balster	na	2.0	29.2	88.5	1.2	11.5	13.7	45.1	104.5	107.6	90.3
ABI Growler	na	2.5	31.2	86.2	1.0	11.8	14.3	43.4	93.2	94.4	80.4
LCS Genie	na	3.3	29.0	89.2	1.2	10.8	13.3	43.5	90.2	95.5	80.9
LCS Odyssey	na	4.5	27.7	92.6	0.6	10.8	13.2	41.9	86.6	93.5	80.1
Explorer	na	3.5	27.6	88.9	0.8	11.0		44.8	101.6	103.7	--
MEAN	50.6	2.0	30.9	93.7	0.6	11.1	--	45.0	102.4	--	--
C.V. (%)	1.1	44.9	5.0	2.9	53.7	5.0	--	1.8	7.0	--	--
LSD 0.10	0.7	1.0	1.8	3.2	0.3	0.7	--	1.0	8.5	--	--
LSD 0.05	0.8	1.2	2.2	3.9	0.4	0.8	--	1.2	10.1	--	--

Planting Date = April 30; Harvest Date = July 26; Previous Crop = Canola

¹ Days to Head; na, data not available, most 2-row varieties did not fully head, the base of the head did not clear the flag leaf collar.

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