

**NDSU Carrington Research Extension Center**  
**2012 Variety Trial Data**

<b>Barley - Irrigated</b>	<b>Carrington</b>
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Variety	Days to Head	Lodge 0-9	Plant Height inch	Plump >6/64 %	Thin <5/64 %	-- Grain Protein --		Test Weight lb/bu	----- Grain Yield -----		
						3-yr. Avg. <sup>2</sup> %	2012		2-yr. Avg. <sup>1</sup> bu/ac	3-yr. Avg. <sup>2</sup> bu/ac	
<b>Six Row</b>											
Celebration	61.8	2.0	36.7	88.5	1.1	12.8	12.8	44.1	93.1	115.5	128.5
Innovation	59.0	1.0	36.8	80.5	1.5	12.7	12.3	44.5	84.5	116.3	124.0
Lacey	59.0	1.0	35.4	87.3	1.4	12.5	12.5	44.9	91.9	119.9	130.8
Quest	59.8	1.0	37.0	83.7	2.2	12.3	--	44.7	90.9	112.8	--
Robust	59.5	1.5	39.2	85.1	1.3	13	12.8	45.2	84.9	107.3	115.5
Stellar-ND	60.3	1.0	35.2	88.6	1.4	11.7	12.3	44.2	91.1	113.7	123.0
Tradition	60.3	1.3	36.8	83.9	2.0	12.4	12.4	44.2	72.9	110.1	121.5
<b>Two Row</b>											
AC Metcalfe	65.5	2.0	35.6	83.3	2.3	12.7	12.6	44.0	65.3	90.1	101.8
CDC Copeland	66.3	2.0	37.4	83.6	2.4	11.4	11.4	44.2	75.6	104.7	122.0
Conlon	58.0	5.5	31.9	89.5	1.9	13.2	12.8	45.3	58.9	90.9	104.0
Conrad	66.3	1.3	32.0	86.9	1.3	12	12.5	46.5	81.1	113.5	120.0
Haxby	63.5	2.0	34.2	82.9	3.1	11.6	12.0	47.6	65.3	102.7	116.5
Rawson	62.0	1.5	35.0	93.3	1.5	11.6	--	45.0	85.8	--	--
Pinnacle	62.0	2.3	37.1	87.7	1.7	10.9	10.7	45.5	77.0	112.0	118.3
MEAN	62.0	1.6	35.7	86.1	1.8	12.1	--	45.0	78.3	--	--
C.V. (%)	1.1	21.5	3.4	6.1	35.1	3.4	--	1.4	4.9	--	--
LSD 0.05	1.0	0.5	1.7	7.5	0.9	0.6	--	0.9	5.4	--	--

**Planting Date = April 17; Harvest Date = July 19; Previous Crop = Flax**

<sup>1</sup> Two-year average is for 2010 and 2012 as this study was lost to hail in 2011.

<sup>2</sup> Three-year average is for 2009, 2010 and 2012 as this study was lost to hail in 2011.