

**NDSU Carrington Research Extension Center
2013 Variety Trial Data**

Barley - Irrigated										Carrington
Variety	Lodge 0-9	Plant Height inch	Plump >6/64 %	Thin <5/64 %	--- Grain Protein ---		Test Weight lb/bu	----- Grain Yield -----		
					2013 ----- %	3-yr. Avg. ¹ -----		2013 -----	2-yr. Avg. bu/ac	3-yr. Avg. ¹ -----
Six Row										
Celebration	2.8	33.4	95.5	0.4	13.3	12.9	47.8	129.9	111.5	120.3
Innovation	2.0	31.0	96.6	0.2	12.7	12.5	48.4	130.1	107.3	120.9
Lacey	0.5	35.1	97.1	0.3	13.5	12.9	48.9	134.0	112.9	124.6
Quest	1.5	36.0	93.9	0.5	12.4	12.4	48.1	135.1	113.0	120.3
Robust	1.3	34.2	95.4	0.5	13.7	13.1	48.8	131.5	108.2	115.4
Stellar-ND	0.8	33.8	97.0	0.3	12.5	12.3	47.9	134.0	112.6	120.5
Tradition	0.8	32.6	96.7	0.3	12.7	12.4	49.0	133.7	103.3	118.0
Two Row										
AC Metcalfe	5.0	33.1	92.7	0.7	13.2	12.9	49.2	117.9	91.6	99.4
CDC Copeland	4.0	36.4	92.9	1.1	12.0	11.8	48.4	127.0	101.3	112.1
Conlon	7.5	31.6	96.6	0.4	12.1	12.7	48.7	108.5	83.7	96.7
Conrad	6.3	29.6	93.1	1.0	12.7	12.5	48.5	123.2	102.1	116.8
Haxby	6.0	31.6	94.5	1.0	12.6	12.3	51.2	123.7	94.5	109.7
Pinnacle	3.5	34.6	95.5	0.8	11.0	11.0	49.9	126.3	101.6	116.8
Rawson	3.5	33.7	96.4	0.5	11.6	--	48.5	131.0	108.4	--
MEAN	2.7	33.1	95.6	0.5	12.2	--	48.7	131.6	--	--
C.V. (%)	34.3	4.4	1.3	26.0	3.1	--	1.2	3.4	--	--
LSD 0.10	1.1	1.7	1.5	0.16	0.45	--	0.7	5.3	--	--
LSD 0.05	1.3	2.0	1.8	0.2	0.54	--	0.8	6.3	--	--

Planting Date = May 16; Harvest Date = August 23; Previous Crop = Spring Wheat;

¹ Three-year average is for 2010, 2012 and 2013 as this study was lost to hail in 2011.