

**2011 IRRIGATED BARLEY VARIETY**

**WILLISTON RESEARCH EXTENSION CENTER**

Cultivar	Days to Head	Plant Height	1000 Kwt	Seeds/ Pound	Grain Protein %	Test Weight lb/bu	----- Grain Yield -----				
							2009	2010	2011	2 yr avg	3 yr avg
							----- bu/ac -----				
<b>Six Row</b>											
Celebration	53.0	21.8	32.4	14032	15.8	44.8	131.9	110.9	9.8	60.4	84.2
Innovation	53.0	21.2	36.2	12528	15.7	48.6	--	124.0	31.0	77.5	--
Lacey	53.0	20.7	36.0	12623	15.2	46.4	137.8	115.1	18.5	66.8	90.5
Quest	53.0	22.0	36.0	12610	15.0	48.9	--	108.2	40.0	74.1	--
Rasmusson	52.0	20.0	36.6	12390	15.1	47.4	152.5	115.2	20.6	67.9	96.1
Stellar-ND	53.8	22.1	37.6	12086	14.8	47.1	132.9	115.8	37.0	76.4	95.2
Tradition	53.0	22.1	35.4	12825	14.6	49.4	133.1	109.2	43.2	76.2	95.2
										0.0	0.0
<b>Two Row</b>											
AC Metcalfe	59.0	22.3	38.5	11804	17.2	48.4	141.6	107.6	38.5	73.1	95.9
CDC Copeland	58.8	21.5	40.6	11190	15.4	47.4	146.8	110.5	47.4	78.9	101.6
Conlon	53.0	20.4	41.8	10855	15.9	49.6	128.7	77.8	26.0	51.9	77.5
Conrad	57.5	19.6	37.4	12156	16.5	48.3	131.3	--	37.5	--	--
Geraldine	60.0	18.3	38.3	11853	16.8	47.3	143.9	104.0	49.2	76.6	99.0
Haxby	55.0	21.4	41.8	10872	15.7	50.4	--	--	39.2	--	--
Lilly	55.0	20.3	38.4	11835	16.8	46.7	--	--	26.7	--	--
Moravian 133	59.0	17.9	36.8	12345	15.4	43.3	--	--	36.1	--	--
Pinnacle	53.0	21.6	43.6	10422	13.3	48.3	149.7	114.2	50.3	82.2	104.7
MEAN	55.6	20.3	36.0	12850	15.9	47.5	133.7	101.7	29.8	--	--
C.V. %	3.9	7.9	2.2	3	3.6	0.8	7.4	10.5	11.4	--	--
LSD 5%	3.0	2.2	1.6	710	1.2	0.8	14.2	15.1	4.8	--	--

Planted: May 13

Harvested: August 17

Previous Crop: Sugar beets

Grain protein percentages reported on a 0% moisture basis.