

## 2009 BARLEY VARIETY

## WILLISTON RESEARCH EXTENSION CENTER - MOUNTRAIL COUNTY, NEW TOWN

Cultivar	Plant	Stem	Test	Grain	%	%	----- Grain Yield -----			<u>Average Yield</u>	
	Height	Break	Weight	Protein	Plump	Thin	2007	2008	2009	2 yr	3 yr
	inches	%	lbs/bu	%	>6/64	<5/64	----- bus/a -----				
<b>Six Row</b>											
Drummond	31	11	51.9	13.6	88.9	1.0	70.8	50.7	100.3	75.5	73.9
Lacey	28	1	52.1	13.1	90.3	0.6	71.5	43.2	94.9	69.0	69.8
Legacy	33	13	49.0	*	71.8	2.0	66.1	40.4	86.3	63.3	64.2
Rasmusson	29	1	51.5	12.2	84.5	1.0	--	44.8	95.1	70.0	--
Celebration	32	1	51.8	13.8	91.3	0.8	--	--	92.4	--	--
Stellar-ND	33	1	51.6	12.4	93.6	0.9	67.2	36.2	98.6	67.4	67.3
Tradition	31	2	52.5	12.9	95.0	0.5	74.4	49.7	94.3	72.0	72.8
<b>Two Row</b>											
AC Melcalfe	33	1	52.5	12.8	91.5	1.1	62.8	44.1	87.9	66.0	64.9
CDC Copeland	35	1	50.4	14.0	81.1	1.7	70.3	44.1	90.7	67.4	68.4
Conlon	30	2	53.6	12.4	98.0	0.3	60.3	49.5	98.6	74.0	69.5
Conrad	30	1	51.0	13.2	93.1	0.9	71.5	50.9	90.9	70.9	71.1
Pinnacle	31	1	53.2	12.3	95.3	0.6	68.1	50.0	104.7	77.3	74.2
Rawson	33	2	53.4	12.2	98.2	0.3	68.2	51.4	93.9	72.6	71.1
MEAN	31	3	51.9	12.9	90.5	0.9	67.9	46.7	94.5	--	--
C.V. %	8	136	0.9	6.0	4.0	34.5	6.6	14.2	5.9	--	--
LSD 5%	NS	NS	1.0	NS	7.7	0.7	7.6	NS	9.3	--	--

Planted: May 11th notill into durum stubble.

Harvested: August 26

Grain protein percentages reported on a 0% moisture basis.

\* Covered smut caused discoloration of the seed so % protein could not be read by the NIR. Not included in the statistical analysis.