

## 2011 BARLEY VARIETY

## WILLISTON RESEARCH EXTENSION CENTER

Cultivar	Spring Days to Plant			1000 Seeds/			Grain Test			----- Grain Yield -----				
	Stand	Head	Height	Kwt	Pound	Plump	Thin	Protein	Weight	2009	2010	2011	2 yr avg	3 yr avg
	%	inch	gm			>6\64	<5\64	%	lb/bu				bu/ac	
<b>Two Row</b>														
AC Metcalfe	100.0	65.8	28.3	34.3	13264	53.8	11.4	15.7	46.7	59.5	68.2	57.2	62.7	61.6
Baronesse	100.0	67.0	25.4	37.7	12042	47.4	12.1	14.2	46.8	62.7	74.1	60.2	67.1	65.7
CDC Bold	100.0	64.5	25.8	40.4	11246	37.0	20.1	14.7	45.7	64.7	--	54.4	--	--
CDC Copeland	100.0	67.0	28.4	33.9	13392	43.8	16.7	16.3	45.3	59.6	63.6	58.7	61.1	60.6
Conlon	100.0	57.0	31.1	40.5	11225	72.4	6.6	14.4	47.2	55.5	91.1	67.8	79.5	71.5
Conrad	98.8	65.0	27.6	35.8	12721	64.8	8.5	14.3	47.8	58.3	76.3	69.6	72.9	68.1
Geraldine	100.0	68.5	24.2	33.3	13634	32.8	26.0	15.5	45.7	62.2	64.8	57.3	61.1	61.4
Harrington	100.0	67.5	29.8	34.3	13248	37.0	19.7	16.5	48.1	61.1	68.7	49.9	59.3	59.9
Haxby	100.0	61.5	28.9	37.2	12198	53.9	15.1	14.8	48.3	65.1	85.2	68.8	77.0	73.0
Hockett	100.0	61.8	29.3	37.2	12206	61.5	11.9	14.5	48.3	60.8	73.5	69.4	71.5	67.9
Lilly	98.8	61.5	24.5	34.9	13034	61.5	11.5	14.3	46.1	--	81.0	64.9	73.0	--
Moravian 133	100.0	67.0	23.7	33.0	13778	49.9	15.8	14.5	41.4	--	--	54.7	--	--
Pinnacle	100.0	62.0	28.0	35.3	12862	58.8	12.2	12.5	46.6	61.0	75.2	66.9	71.0	67.7
Rawson	100.0	60.8	31.2	44.5	10195	81.5	5.6	12.6	49.5	53.2	83.7	67.8	75.8	68.2
Xena	100.0	64.8	27.8	37.1	12247	25.7	52.7	14.4	46.6	61.1	78.0	57.1	67.5	65.4
<b>Six Row</b>														
Celebration	100.0	61.0	30.2	29.4	15471	44.2	14.0	14.7	45.9	56.5	78.8	71.9	75.3	69.1
Drummond	95.0	61.5	29.0	32.5	13970	47.6	12.9	14.5	45.9	54.5	78.2	53.4	65.8	62.0
Innovation	100.0	60.8	27.5	30.9	14700	40.6	18.3	14.2	45.7	--	80.2	68.2	74.2	--
Lacey	100.0	61.5	26.7	32.1	14167	41.9	15.1	13.9	46.0	57.1	74.5	62.7	68.6	64.8
Legacy	98.8	62.8	27.5	29.9	15178	45.2	14.2	15.1	45.3	58.3	69.8	59.2	64.5	62.4
Quest	100.0	61.5	30.0	32.6	13948	47.7	13.6	13.3	47.1	55.2	75.7	70.9	73.3	67.3
Rasmusson	100.0	60.8	28.9	32.6	13938	39.8	15.4	13.3	46.6	60.1	73.2	70.6	71.9	68.0
Robust	100.0	62.0	30.8	32.8	13853	43.4	14.8	14.6	46.8	53.9	75.7	61.1	68.4	63.6
Stellar-ND	100.0	61.3	29.2	32.3	14040	49.4	14.0	14.0	45.2	56.2	73.6	59.3	66.4	63.0
Tradition	100.0	61.3	29.7	31.4	14483	49.4	12.4	13.5	47.7	59.0	82.5	66.2	74.3	69.2
MEAN	96.5	62.9	27.4	33.2	14066	44.6	23.6	14.5	46.5	56.7	74.2	58.5	--	--
C.V. %	3.3	1.6	5.7	3.8	4	36.8	78.5	4.8	1.9	6.6	5.1	8.8	--	--
LSD 5%	4.4	1.4	2.2	2.5	1062	33.2	37.5	1.4	1.8	5.2	5.3	7.2	--	--

Planted: April 29 into tilled soybean cover crop residue from 2010.

Harvested: August 2

Grain protein percentages reported on a 0% moisture basis.