

**2010 Barley Variety Trial – Continuously Cropped - No-till**

**Hettinger**

Variety	Days to	Plant	Lodging	Test	%	Grain	----- Grain Yield -----			<u>Avg. Yield</u>	
	Head	Height		Weight	Plump	Protein	2008	2009	2010	2 yr	3 yr
	*	Inches	0-9**	lbs/bu	>6/64	%	----- Bushels per acre -----				
<b>2 Row Types</b>											
Pinnacle	73	33	2	48.7	94	12.9	94.0	79.6	113.3	96.4	95.6
Haxby	75	35	3	48.7	84	13.5	91.1	78.8	115.5	97.2	95.1
Conlon	70	36	2	48.1	93	14.2	102.7	74.9	106.4	90.6	94.7
Rawson	71	34	2	47.3	93	13.1	80.6	66.0	106.7	86.4	84.4
CDC Copeland	80	33	2	45.4	89	14.0	73.9	70.6	107.3	89.0	83.9
AC Metcalfe	76	31	4	46.7	91	14.1	67.4	68.0	102.6	85.3	79.5
Lilly	74	32	0	46.2	84	13.4			126.7		
Sunshine	77	31	2	45.9	90	12.6			121.3		
<b>6 Row Types</b>											
Tradition	73	32	6	45.9	91	13.4	88.0	71.4	117.4	94.4	92.3
Lacey	72	25	8	46.5	89	12.8	76.7	77.1	111.9	94.5	88.6
Rasmusson	72	30	8	46.3	90	13.1	63.7	72.1	110.8	91.4	82.2
Stellar-ND	72	32	5	44.8	88	13.4	60.4	64.8	113.5	89.2	79.6
Celebration	72	34	8	43.8	87	14.6		81.7	106.1	93.9	
Quest	72	35	7	45.1	86	13.2		60.5	109.1	84.8	
Innovation	72	32	7	45.5	84	13.8			110.8		
Trial Mean	73	33	4	46.6	90	13.1	76.5	74.2	113.8	--	--
C.V. %	1.2	13	24	1.3	3.2	5.5	8.4	11.3	4.7	--	--
LSD .05	1	NS	1	0.9	3	1.0	9.0	11.8	7.6	--	--
LSD .01	2	NS	2	1.1	4	1.4	12.0	15.7	10.2	--	--

\* Days to Head = the number of days from planting to head emergence from the boot.

\*\* Lodging: 0 = none, 9 = lying flat on ground.

Planting Date: April 12

Harvest Date: August 2

Seeding Rate: 750,000 live seeds / acre (approx. 1.4 bu/A).

Previous Crop: 2009 = field pea, 2008 & 2007 = hrsw.

Note: The 2009 trial sustained moderate hail damage.