

**2011 Barley Variety Trial at Hettinger**

Variety	Days to	Plant	BYD**	Test	Grain	----- Grain Yield -----			Average Yield	
	Head	Height		Weight	Protein	2009	2010	2011	2 yr	3 yr
	*	inches	%	lbs/bu	%	----- Bushels per acre -----				
<b>2 Row Varieties</b>										
Haxby	64	35	100	43.1	13.2	78.8	115.5	82.1	98.8	92.1
Conlon	59	34	0	42.9	13.7	74.9	196.4	80.9	93.6	87.4
Pinnacle	62	35	80	41.1	12.7	79.6	113.3	59.4	86.4	84.1
CDC Copeland	68	37	100	41.1	13.5	70.6	107.3	63.4	85.4	80.4
Rawson	63	36	70	41.4	12.6	66.0	106.7	66.7	86.7	79.8
AC Metcalfe	67	33	90	41.9	14.4	68.0	102.6	56.8	79.7	75.8
Lilly	65	29	70	39.1	13.4		126.7	81.6	104.2	
Conrad	68	32	50	50.7	13.7			71.1		
<b>6 Row Varieties</b>										
Tradition	62	34	60	40.3	12.6	71.4	117.4	91.1	104.2	93.3
Lacey	64	35	80	41.8	13.1	77.1	111.9	84.1	98.0	91.0
Rasmusson	63	34	60	40.5	12.8	72.1	110.8	84.3	97.6	89.1
Celebration	64	35	100	37.9	14.2	81.7	106.1	70.2	88.2	86.0
Quest	62	38	80	39.9	13.4	60.5	109.1	72.3	90.7	80.6
Stellar-ND	64	33	60	38.9	13.4	64.8	113.5	61.7	87.6	80.0
Innovation	62	35	90	39.9	12.3		110.8	89.4	100.1	
Trial Mean	63	34	59	40.5	12.8	74.2	113.8	76.6	--	--
C.V. %	1.6	5.7	--	1.6	2.7	11.3	4.7	6.8	--	--
LSD 5%	1	3	--	0.9	0.5	11.8	7.6	7.4	--	--
LSD 1%	2	4	--	1.2	0.7	15.7	10.2	9.8	--	--

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

\*\* BYD: Percent of flag leaves infected with barley yellow dwarf virus.

Planting Date: May 2

Harvest Date: August 8

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

Previous Crop: 2008 = hrsw, 2009 & 2010 = field pea.

Note: The 2009 trial sustained moderate hail damage.