

2009 Barley Variety Trial – Continuously Cropped - No-till
Hettinger

Variety	Days to Head	Plant Height	Test Weight	% Plump	Grain Protein	----- Grain Yield -----			Avg. Yield	
						2007	2008	2009	2 yr	3 yr
	*	Inches	lbs/bu	>6/64	%	----- Bushels per acre -----				
2 Row Types										
Haxby	61	33	44.7	84	12.5	97.6	91.1	78.8	85.0	89.2
Conlon	58	34	43.9	88	12.7	78.0	102.7	74.9	88.8	85.2
Conrad	65	33	44.2	80	13.3	89.8	78.3	81.7	80.0	83.3
Pinnacle	61	36	43.5	81	12.0	75.6	94.0	79.6	86.8	83.1
Rawson	62	37	42.9	79	11.7	90.9	80.6	66.0	73.3	79.2
CDC Copeland	67	39	43.5	87	12.8	76.1	73.9	70.6	72.2	73.5
AC Metcalf	63	36	43.8	8.8	12.9	75.9	67.4	68.0	67.7	70.4
Harrington	67	36	42.9	82	13.2	74.3	58.7	73.3	66.0	68.8
Scarlett	67	33	45.2	91	13.2	76.0	89.5	82.1	85.8	52.5
6 Row Types										
Tradition	62	34	43.9	78	12.1	87.1	88.0	71.4	79.7	82.2
Lacey	62	33	44.3	89	12.6	88.9	76.7	77.1	76.9	80.9
Legacy	66	36	43.6	85	11.9	78.0	69.0	79.4	74.2	75.5
Rasmusson	62	33	44.2	83	12.0	86.9	63.7	72.1	67.9	74.2
Drummond	61	33	42.3	87	12.1	81.7	66.2	73.5	69.8	73.8
Stellar-ND	61	34	42.2	73	12.8	86.4	60.4	64.8	62.6	70.5
Robust	62	38	44.7	81	13.3	79.5	64.2	66.7	65.4	70.1
Celebration	62	36	41.8	84	13.5			81.7		
Trial Mean	62	35	43.4	83	12.6	81.8	76.5	74.2	--	--
C.V. %	2.5	5.3	1.8	--	--	7.6	8.4	11.3	--	--
LSD .05	2	3	1.1	--	--	8.8	9.0	11.8	--	--
LSD .01	3	4	1.5	--	--	11.7	12.0	15.7	--	--

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

Planting Date: May 5

Harvest Date: August 29

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

Previous Crop: 2008 & 2007 = hrsw, 2006 = field pea.

Note: **The 2009 trial sustained moderate hail damage on June 22 and 24 (late boot stage).**