

**2011 Barley Variety Trial at Regent**

Cooperators: August and Perry Kirschmann

Variety	Plant	Test	Grain	----- Grain Yield -----			Average Yield		
	Height	Weight	Protein	2009	2010	2011	2 yr	3 yr	
	inches	lbs/bu	%	----- Bushels per acre -----					
<b>2 Row Types</b>									
Rawson	29	45.0	12.4	97.4	76.9	43.6	60.2	72.6	
Pinnacle	32	46.0	12.8	92.5	83.8	39.5	61.6	71.9	
Conlon	27	43.6	13.3	101.3	76.4	33.5	55.0	70.4	
<b>6 Row Types</b>									
Stellar-ND	28	42.6	13.8	88.0	72.2	39.2	55.7	66.5	
Innovation	26	42.2	12.7			42.4			
Quest	28	42.4	13.3			42.2			
Trial Mean	28	43.6	13.0	92.8	77.8	40.1	--	--	
C.V. %	4.9	1.7	2.2	3.8	3.9	6.6	--	--	
LSD 5%	2	1.1	0.4	6.3	4.6	4.0	--	--	
LSD 1%	3	1.6	0.6	9.0	6.3	5.5	--	--	

Planting Date: May 5

Harvest Date: August 23

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

Previous Crop: 2008, 2009 & 2010 = HRSW.

Note: The 2011 trial sustained heat stress and a moderate infection of barley yellow dwarf causing lower test weights and grain yields.