

**2011 Barley Variety Trial at Selfridge**

Cooperator: Nick Vollmuth

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	33	37.0	12.5	76.1	89.8	52.5	71.2	72.8	
Conlon	28	42.1	13.7	76.9	76.6	58.8	67.7	70.8	
Pinnacle	31	39.4	12.7	63.4	74.2	44.6	59.4	60.7	
<b>6 Row Types</b>									
Stellar-ND	33	38.4	13.9	71.4	83.1	50.3	66.7	68.3	
Quest	35	37.5	13.6			43.4			
Innovation	34	36.6	13.4			37.9			
Trial Mean	32	38.5	13.3	76.6	81.7	47.9	--	--	
C.V. %	4.3	2.7	3.5	7.4	4.3	10.4	--	--	
LSD 5%	3	1.9	0.8	8.6	5.3	9.0	--	--	
LSD 1%	4	2.7	NS	11.8	7.3	12.9	--	--	

NS = no statistical difference between varieties.

Planting Date: May 6

Harvest Date: August 22

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

Previous Crop: 2008 = sunflower, 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.