

2009 Barley Variety Trial - Continuously Cropped - No-till**Regent**

Cooperators: August and Perry Kirschemann, Regent

Variety	Plant Height	Test Weight	% Plump	Grain Protein	---- Grain Yield ----			Average Yield	
	inches	lbs/bu	>6/64	%	2007	2008	2009	2 yr	3 yr
2 Row Types									
Rawson	35	48.6	97	11.8	86.0	23.8	97.4	60.6	69.1
Pinnacle	39	49.5	98	11.3	84.8	20.5	92.5	56.5	65.9
Conlon	37	49.4	96	12.0	84.2	12.3	101.3	56.8	65.9
6 Row Types									
Stellar-ND	37	48.3	98	12.6	69.0	13.9	88.0	51.0	57.0
Celebration	37	48.2	96	13.1			92.0		
Tradition	38	48.2	98	13.1			85.5		
Trial Mean	37	48.7	97	12.3	80.0	16.1	92.8	--	--
C.V. %	5.0	0.8	--	--	4.5	27	3.8	--	--
LSD .05	NS	0.7	--	--	5.3	6.6	6.3	--	--
LSD .01	NS	1.0	--	--	7.2	9.2	9.0	--	--

NS = no statistical difference between varieties.

Planting Date: May 7, 2009

Harvest Date: August 27, 2009

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

Previous Crop: 2006, 2007 & 2008 = hrsw.

Note: The 2008 trial sustained severe heat and moisture stress.