

2012 Barley Variety Trial at Regent

Cooperators: August and Perry Kirschmann, Regent

	Plant	Test	%	Grain	----- Grain Yield -----			Average Yield	
Variety	Height	Weight	Plump	Protein	2010	2011	2012	2 yr	3 yr
	inches	lbs/bu	>6/64	%	----- Bushels per acre -----				
2 Row Types									
Rawson	34	47.9	93	12.3	76.9	43.6	65.3	54.4	61.9
Conlon	37	48.4	95	13.4	76.4	33.5	69.1	51.3	59.7
Pinnacle	38	47.7	88	13.5	83.8	39.5	48.8	44.2	57.4
6 Row Types									
Innovation	35	46.8	84	13.8		42.4	67.2	54.8	
Quest	39	47.7	84	14.0		42.2	50.9	46.6	
Celebration	36	46.6	83	13.7	84.8		52.4		
Trial Mean	36	47.5	88	13.4	77.8	40.1	58.9	--	--
C.V. %	5.7	1.8	5.0	5.3	3.9	6.6	6.2	--	--
LSD 10%	NS	1.0	5	0.9	3.4	3.0	4.5	--	--

NS = no statistical difference between varieties.

Planting Date: April 4

Harvest Date: July 31

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

Previous Crop: HRSW.

Note: The 2011 trial sustained moderate infections of barley yellow dwarf causing lower test weights and grain yields.