

2010 Barley Variety Trial - Continuously Cropped - No-till**Regent**

Cooperators: August and Perry Kirschmann, Regent

Variety	Plant	Test	%	Grain	---- Grain Yield ----			<u>Average Yield</u>	
	Height	Weight	Plump	Protein	2008	2009	2010	2 yr	3 yr
	inches	lbs/bu	>6/64	%	----- Bushels per acre -----				
2 Row Types									
Rawson	29	48.1	93	12.2	23.8	97.4	76.9	87.2	66.0
Pinnacle	28	48.8	94	12.6	20.5	92.5	83.8	88.2	65.6
Conlon	30	46.9	93	13.2	12.3	101.3	76.4	88.8	63.3
6 Row Types									
Stellar-ND	27	45.2	86	13.2	13.9	88.0	72.2	80.1	58.0
Celebration	26	44.7	87	13.5		92.0	77.5	84.8	
Tradition	27	45.7	88	14.2		85.5	79.9	82.7	
Trial Mean	28	46.6	90	13.2	16.1	92.8	77.8	--	--
C.V. %	4.2	1.8	4.2	3.7	27	3.8	3.9	--	--
LSD .05	2	1.3	3	0.7	6.6	6.3	4.6	--	--
LSD .01	NS	1.8	NS	1.0	9.2	9.0	6.3	--	--

NS = no statistical difference between varieties.

Planting Date: April 21

Harvest Date: August 17

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

Previous Crop: 2007, 2008 & 2009 = hrsw.

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