

2012 Barley Variety Trial at Scranton

Cooperator: Justin Freitag, Scranton

Variety	Plant	Test	%	Grain	----- Grain Yield -----			Average Yield	
	Height	Weight	Plump	Protein	2010	2011	2012	2 yr	3 yr
	inches	lbs/bu	>6/64	%	----- Bushels per acre -----				
2 Row Types									
Rawson	38	47.4	92	11.1	87.8	54.4	80.4	67.4	74.2
Pinnacle	38	46.0	84	11.3	72.9	30.0	81.1	55.6	61.3
Conlon	37	46.5	93	11.3			86.7		
6 Row Types									
Innovation	36	47.7	83	10.5		56.7	88.4	72.6	
Quest	40	45.9	73	12.4		54.6	72.5	63.6	
Celebration	37	46.4	63	11.7	78.6		85.1		
Trial Mean	38	46.6	81	11.4	84.8	50.3	82.4	--	--
C.V. %	4.6	1.3	9.9	3.7	5.1	3.1	5.0	--	--
LSD 10%	2	0.8	10	0.5	3.6	1.8	5.1	--	--

Planting Date: April 4

Harvest Date: July 30

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.