

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

Cooperators: Neal and Justin Freitag, Scranton

Variety	Plant Height	Test Weight	% Plump	Grain Protein	---- Grain Yield ----			Average Yield	
	inches	Lbs/bu	>6/64	%	2008	2009	2010	2 yr	3 yr
----- Bushels per acre -----									
<b>2 Row Types</b>									
Pinnacle	30	47.0	88	11.6	20.6	91.1	72.9	82.0	61.5
Rawson	30	46.3	91	11.9	22.1	72.9	87.8	80.4	60.9
<b>6 Row Types</b>									
Stellar-ND	28	45.5	92	12.7	15.6	108.2	91.8	100.0	71.9
Tradition	28	45.7	88	12.7		100.0	92.9	96.4	
Celebration	27	44.4	88	13.0		91.2	78.6	84.9	
Trial Mean	29	45.8	89	12.4	17.2	92.7	84.8	--	--
C.V. %	4.3	1.0	1.2	2.2	28	3.5	5.1	--	--
LSD .05	NS	0.7	1	0.4	NS	4.9	6.7	--	--
LSD .01	NS	1.0	2	0.6	NS	6.8	9.4	--	--

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 &amp; 2009 = hrsw.

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