

2009 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	
					2007	2008	2009	2 yr	3 yr
	inches	Lbs/bu	>6/64	%	----- Bushels per acre -----				
2 Row Types									
Pinnacle	38	50.4	93	11.6	59.6	20.6	91.1	55.8	57.1
Rawson	38	49.9	97	11.3	65.4	22.1	72.9	47.5	53.5
Conlon	30	Consumed by wildlife			42.1				
6 Row Types									
Stellar-ND	37	48.0	98	12.0	68.7	15.6	108.2	61.9	64.2
Tradition	36	49.9	97	11.5			100.0		
Celebration	37	49.4	98	12.9			91.2		
Trial Mean	36	49.5	97	11.9	61.1	17.2	92.7	--	--
C.V. %	5.1	1.1	--	--	5.4	28	3.5	--	--
LSD .05	3	0.8	--	--	4.9	NS	4.9	--	--
LSD .01	4	1.1	--	--	6.6	NS	6.8	--	--

NS = no statistical difference between varieties.

Planting Date: May 7, 2009

Harvest Date: August 29, 2009

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

Previous Crop: 2006 = hrww, 2007 & 2008 = hrsw.

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