

2012 Barley Variety Trial at Mandan

Cooperator: USDA-ARS, Mandan

Variety	Plant	Test	%	Grain	----- Grain Yield -----			Average Yield	
	Height	Weight	Plump	Protein	2009	2010	2012	2 yr	3 yr
	inches	lbs/bu	>6/64	%	----- Bushels per acre -----				
2 Row Types									
Pinnacle	41	40.6	91	11.1	79.4	89.4	43.1	66.2	70.6
Rawson	39	41.1	92	11.1	73.3	86.5	45.9	66.2	68.6
Conlon	39	40.1	88	11.7	72.2	79.5	41.9	60.7	64.5
6 Row Types									
Celebration	40	41.1	84	12.1	83.7	90.1	36.6	63.4	70.1
Innovation	41	42.4	88	11.1			51.4		
Quest	41	41.6	82	11.0			49.8		
Trial Mean	40	41.1	88	11.4	81.1	87.5	44.8	--	--
C.V. %	3.0	3.2	2.8	3.5	3.9	2.7	5.6	--	--
LSD 10%	2	NS	3	0.5	3.6	2.6	3.1	--	--

NS = no statistical difference between varieties.

Planting Date: April 3

Harvest Date: August 1

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

Previous Crop: HRSW.