

2010 Barley Variety Trial, Continuously Cropped, No-till at Mandan

Cooperator: UDSA-ARS, Mandan

Variety	Plant Height	Test Weight	% Plump	Grain Protein	---- Grain Yield ----		
	inches	lbs/bu	>6/64	%	2009	2010	2 yr
					----- bu/A -----		
2 Row Types							
Pinnacle	34	45.9	90	11.6	79.4	89.4	84.4
Rawson	34	45.1	90	11.9	73.3	86.5	79.9
Conlon	33	46.4	92	12.8	72.2	79.5	75.8
6 Row Types							
Tradition	31	45.6	92	12.2	90.1	91.4	90.8
Stellar-ND	33	44.7	93	12.4	88.0	87.9	88.0
Celebration	31	44.8	91	13.0	83.7	90.1	86.9
Trial Mean	33	45.4	91	12.3	81.1	87.5	--
C.V. %	4.6	1.1	1.9	2.6	3.9	2.7	--
LSD .05	2	0.8	NS	0.5	4.8	3.5	--
LSD .01	NS	1.0	NS	0.7	6.6	4.9	--

NS = no statistical difference between varieties.

Planting Date: April 22

Harvest Date: August 16

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

Previous Crop: 2008 & 2009 = hrsw.