

Barley Variety Trial at McClusky

North Central Research Extension Center—Minot

Variety	Plant Height inches	% Plump >6/64	% Thin <5/64	1000 Kernel Weight grams	Test Weight lbs/bu	Protein %	Grain Yield				
							2010	2011	2012	2 Year	3 Year
6 Row Types							-----bu/A-----				
Celebration	31	88	11	41	47.2	13.5	90.2	70.4	78.9	74.6	79.8
Tradition	35	89	10	42	47.0	12.9	78.4	76.0	83.7	79.8	79.4
Innovation	36	90	9	45	47.1	13.4	84.2	63.6	88.1	75.8	78.6
Quest	32	86	13	43	46.6	13.0	86.6	63.8	71.9	67.8	74.1
Lacey	33	90	9	44	46.9	12.6	84.8	58.4	66.1	62.2	69.8
2 Row Types											
Conrad	35	90	9	47	44.3	14.0	93.9	72.7	68.3	70.5	78.3
Pinnacle	35	83	15	51	44.6	12.6	89.6	67.1	70.4	68.8	75.7
AC Metcalfe	32	78	19	43	45.7	14.7	85.7	65.7	58.6	62.2	70.0
Conlon	33	90	8	49	46.0	13.4	75.7	60.1	46.2	53.2	60.7
Haxby	35	85	13	46	45.6	13.4		65.0	78.9	72.0	
Harrington	37	83	15	44	42.1	15.1		48.8	56.2	52.5	
Mean	34	86	12	45	45.9	13.5	83.7	65.0	70.1	--	--
C.V.%	4.3	8.3	52.0	5.1	1.5	0.4	8.7	25.2	5.9	--	--
LSD 10%	2	NS	NS	3	0.8	0.4	8.5	NS	5.0	--	--

NS = no statistical difference between varieties.

Planted on May 10 with a seeding rate of 1 million PLS/A and harvested on August 8.

Soil Type: Southam silty clay loam