

2013 Barley Variety Trial
North Central Research Extension Center, Minot

Variety	Days to Head	Plant Height	Lodging	% Plump	% Thin	Test Weight	Protein	Grain Yield				
	DAP ¹	inches		0-9 ²	>6/64	<5/64		lbs/bu	%	2010	2011	2013
-----bu/A-----												
6 Row Types												
Innovation	52	30	1	96	0.6	48.3	13.8	101.3	47.8	85.8	66.8	78.3
Lacey	52	27	1	96	0.1	46.8	12.9	100.5	60.2	73.6	66.9	78.1
Celebration	58	32	2	94	0.4	47.6	14.9	110.2	52.3	66.9	59.6	76.5
Quest	52	29	3	96	0.4	46.2	13.2	97.8	59.5	71.2	65.4	76.2
Tradition	57	29	1	96	0.4	47.3	12.9	94.1	55.6	68.3	62.0	72.7
Stellar-ND	52	31	2	95	0.3	46.7	13.1	97.6	43.2	75.7	59.4	72.2
Robust	51	33	5	94	0.4	47.8	15.0	87.3	46.4	74.7	60.6	69.5
2 Row Types												
CDC Copeland	62	35	2	96	0.3	48.6	12.7	95.1	46.7	81.4	64.0	74.4
Pinnacle	57	35	4	94	0.9	47.7	11.4	102.6	44.1	73.5	58.8	73.4
Conrad	63	31	3	95	0.7	48.5	13.9	102.9	43.0	71.8	57.4	72.6
Conlon	51	31	4	97	0.3	49.4	12.9	96.0	49.8	62.3	56.0	69.4
AC Metcalfe	60	33	2	95	0.7	48.8	13.9	89.3	45.7	69.7	57.7	68.2
Rawson	55	29	4	97	0.3	47.3	12.1	96.0	43.8	62.8	53.3	67.5
Mean	55	31	2	96	0.4	47.8	13.0	97.6	48.4	77.4	--	--
C.V.%	2.2	7.6	86	1.6	77	2.0	3.8	8.0	8.3	6.2	--	--
LSD 10%	1	3	2	2	0.4	1.2	0.6	13.2	8.0	5.7	--	--

¹ DAP = Days after planting. ² Lodging: 0 = none, 9 = lying flat on the ground.

Planted on May 15 with a seeding rate of 1 million PLS/A and harvested on September 3.

Previous Crop: 2009 & 2010 = summer fallow, 2012 = field pea.

Soil Type: Williams Loam

Note: 2012 trial data not reported due to severe herbicide injury.