

**North Central Research Extension Center—Minot  
Barley Variety Trial—McLean County**

Variety	Days	Plant Height	% Plump	% Thin	Kernel Weight	Test Weight	Protein %	Grain Yield			2 Year	3 Year
	to Head							2008	2009	2010 <sup>1</sup>		
	DAP <sup>2</sup>	in	>6/64	<5/64	g/1000	lb/bu		-----bu/A-----				
<b>Six-rowed</b>												
Celebration	62	28	90	0.9	35.4	45.7	13.6	--	--	75.8	--	--
Innovation	61	26	90	1.0	36.8	45.4	12.7	--	--	73.0	--	--
Lacey	61	28	94	0.5	39.6	48.1	13.4	--	--	70.8	--	--
Quest	61	28	88	1.1	36.0	45.4	12.7	--	--	70.2	--	--
Rasmusson	62	26	90	1.0	37.7	46.7	12.5	--	--	75.5	--	--
Robust	61	30	92	0.6	38.2	47.3	13.2	--	--	61.6	--	--
Stellar-ND	62	29	94	0.6	40.2	46.1	12.7	--	--	73.3	--	--
Tradition	60	31	92	0.9	37.8	47.3	12.8	--	--	75.4	--	--
<b>Two-rowed</b>												
AC Metcalfe	64	29	88	1.3	39.2	47.3	13.3	--	--	71.8	--	--
CDC Copeland	64	29	90	1.0	42.8	46.5	12.9	--	--	81.6	--	--
Conlon	58	29	89	1.1	42.6	47.8	12.9	--	--	60.7	--	--
Conrad	64	25	90	1.6	39.7	46.6	13.2	--	--	75.5	--	--
Pinnacle	61	29	93	0.8	48.6	47.5	11.8	--	--	84.8	--	--
LSD 5%	1	2	2	0.4	1.8	1.0	0.5	--	--	6.3	--	--
C.V.%	1.4	5.4	1.6	29.0	3.1	1.5	2.6	--	--	6.0	--	--
Mean	61	28	91	0.9	39.7	46.5	12.8	--	--	73.4	--	--

Planted on April 28 with a seeding rate of 1 million PLS and harvested on August 17.

<sup>1</sup> Study site initiated in 2010.

<sup>2</sup> DAP = Days after planting.