

**North Central Research Extension Center—Minot
Barley Variety Trial on Fallow**

Variety	Days to Head	Plant Height	% Plump	% Thin	Kernel Weight	Test Weight	Protein %	Grain Yield				
								2009	2010	2011	Year	Year
	DAP ¹	in	>6/64	<5/64	g/1000	lb/bu		-----bu/A-----				
Six-rowed												
Celebration	52	33	55	5.9	24.3	37.6	15.0	119.1	110.2	52.3	81.3	90.7
Innovation	51	31	61	3.9	29.2	38.2	13.7	--	101.3	47.8	74.5	--
Lacey	51	34	64	4.2	29.9	40.6	14.3	107.8	100.5	60.2	80.4	87.2
Quest	51	35	64	5.1	29.4	41.1	14.0	109.8	97.8	59.5	78.6	86.4
Rasmusson	50	32	58	5.1	28.5	40.5	13.6	122.5	99.2	63.7	81.4	91.7
Robust	51	34	58	5.0	28.3	39.0	14.7	112.0	87.3	46.4	66.8	78.1
Stellar-ND	51	34	69	3.5	28.0	38.7	13.9	114.0	97.6	43.2	70.4	81.3
Tradition	51	34	59	5.8	28.8	39.6	13.9	115.9	94.1	55.6	74.9	85.1
Two-rowed												
Moravian 133	56	26	36	13.6	29.2	35.2	13.8	--	--	27.0	--	--
AC Metcalfe	54	34	63	4.7	31.9	41.2	15.3	128.3	89.3	45.7	67.5	82.7
CDC Copeland	55	32	56	7.0	30.7	39.6	15.1	125.3	95.1	46.7	70.9	84.5
Conlon	50	31	78	2.2	36.1	45.6	13.9	120.2	96.0	49.8	72.9	84.7
Conrad	55	28	56	5.9	30.8	40.2	15.0	126.8	102.9	43.0	73.0	86.4
Harrington	57	32	26	10.6	30.0	41.6	15.2	128.4	90.7	34.5	62.6	79.0
Haxby	53	33	58	6.7	32.6	43.0	14.7	132.2	114.2	53.4	83.8	95.9
Lilly	54	26	54	9.3	30.4	37.5	13.4	--	100.3	42.2	71.3	--
Pinnacle	52	33	74	2.7	34.4	39.8	13.1	129.5	102.6	44.1	73.3	87.4
Rawson	52	29	78	2.7	38.5	40.8	13.0	122.8	96.0	43.8	69.9	83.1
LSD 5%	1	3	9	2.8	3.1	2.3	0.7	10.1	13.2	8.0	--	--
C.V.%	1.7	5.1	8.9	32.7	6.2	3.5	3.0	6.0	9.6	10.0	--	--
Mean	52	32	62	5.3	31.1	39.9	13.8	118.6	97.6	48.4	--	--

Planted on May 18 with a seeding rate of 1 million PLS and harvested on August 18.

¹ DAP = Days after planting.

² Lodging score based on scale 0-9 (0 = upright, 9 = flat).