

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

Variety	Days to Head DAP ²	Plant Height in	% Plump >6/64	% Thin <5/64	Lodge 0-9 ³	Kernel Weight g/1000	Test Weight lb/bu	Protein %	Grain Yield				
									2007	2008	2009	Year 2 3 Year	
Two-Row													
AC Metcalfe	52	31	80	1.6	0.3	37.7	46.2	13.7	--	73.0	86.6	79.8	--
Conlon	45	27	90	0.9	2.5	42.9	47.8	12.7	--	--	77.3	--	--
Conrad	53	26	85	1.2	0.0	36.8	47.3	13.3	--	78.7	88.2	83.5	--
Pinnacle	50	29	94	0.7	0.5	47.3	49.0	11.3	--	83.6	108.3	95.9	--
Rawson	47	28	97	0.3	0.0	49.0	47.0	11.2	--	67.5	84.4	75.9	--
Six-Row													
Celebration	49	33	86	0.9	1.0	34.0	47.0	13.0	--	--	108.8	--	--
Drummond	48	30	88	0.7	2.0	35.6	46.4	12.4	--	75.4	92.9	84.2	--
Lacey	47	29	84	0.8	3.5	36.4	47.9	12.2	--	78.1	97.7	87.9	--
Legacy	51	32	81	1.1	3.5	33.9	45.7	11.2	--	83.0	104.2	93.6	--
Rasmusson	48	31	84	0.8	3.3	36.7	48.2	11.9	--	82.0	114.5	98.3	--
Robust	49	31	78	1.3	2.5	34.8	47.0	13.0	--	67.2	84.7	75.9	--
Stellar-ND	48	30	78	1.4	3.5	33.4	44.3	12.2	--	75.9	89.7	82.8	--
Tradition	49	31	89	0.5	0.8	36.0	47.5	11.7	--	74.2	105.9	90.1	--
LSD 5%	1	2	11	0.9	2.2	2.9	1.6	0.9	--	NS	15.5	--	--
C.V.%	2.1	5.4	8.7	66.7	85.1	5.3	2.4	5.1	--	11.0	11.2	--	--
Mean	49	30	86	0.9	1.8	38.0	47.0	12.3	--	76.2	95.6	--	--

Planted on May 22 with a seeding rate of 1 million PLS and harvested on August 25.

¹ This study site was initiated in 2008.

² DAP = Days after planting.

³ Lodging score is based on scale 0-9 (0 = upright, 9 = flat).