

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

Variety	Days		% Plump	% Thin	Kernel Weight	Test Weight	Protein	Grain Yield				
	to Head	Plant Height						2003	2004	2005	2	3
	DAP	in	>6/64	<5/64	g/1000	lb/bu	%	bu/A				
<b>Six-Row</b>												
Drummond	60	24	93	0.1	36.8	47.0	9.9	106.7	110.2	78.3	94.3	98.4
Excel	60	23	88	0.3	35.5	46.8	9.4	114.0	114.6	85.0	99.8	104.5
Lacey	60	23	93	0.1	35.8	47.8	9.9	107.6	114.5	79.7	97.1	100.6
Legacy	61	25	92	--	34.3	47.4	9.3	90.8	123.1	86.3	104.7	100.1
Robust	60	28	89	0.1	34.0	48.4	10.4	108.5	100.0	84.6	92.3	97.7
Stellar-ND	60	26	96	0.1	38.3	47.2	9.7	114.9	112.8	85.4	99.1	104.4
Tradition	60	24	91	0.3	35.3	48.2	9.7	113.0	119.2	87.8	103.5	106.7
<b>Two-Row</b>												
AC Metcalfe	60	25	81	1.1	35.8	48.3	8.9	109.5	125.2	91.4	108.3	108.7
Conlon	59	26	90	--	39.0	48.2	9.4	84.6	125.1	93.0	109.1	100.9
Harrington	64	26	39	12.8	27.8	42.8	9.8	--	122.7	52.5	87.6	--
Haxby	61	24	86	1.7	40.5	49.8	8.6	--	--	99.7	--	--
Rawson	59	23	91	0.8	44.0	46.2	8.4	--	114.6	78.6	96.6	--
LSD 5%	1	3	14	NS	4.6	1.7	0.6	14.2	10.3	10.5	--	--
C.V.%	0.9	7.6	7.6	--	5.7	2.6	4.7	8.8	6.1	8.6	--	--
Mean	60	25	86	1.5	36.4	47.3	9.4	105.4	116.5	83.5	--	--

DAP=Days after planting

**North Central Research Extension Center—Minot  
Barley Variety Trial on No-till Recrop**

Variety	Days		% Plump	% Thin	Lodge	Kernel Weight	Test Weight	Protein	Grain Yield				
	to Head	Plant Height							2003	2004	2005	2	3
	DAP	in	>6/64	<5/64	0-9	g/1000	lb/bu	%	bu/A				
<b>Six-Row</b>													
Drummond	60	25	86.3	1.3	0.0	34.5	46.4	10.2	71.7	106.8	85.1	96.0	87.9
Excel	60	25	78.2	3.6	0.0	34.0	45.6	9.6	69.7	99.8	84.5	92.2	84.7
Lacey	60	25	87.0	1.0	0.0	34.8	47.6	10.3	74.3	109.2	86.5	97.9	90.0
Legacy	61	24	87.3	0.7	0.3	34.3	46.6	9.6	61.5	109.6	87.5	98.6	86.2
Robust	60	28	86.1	0.7	1.5	33.8	47.3	10.2	76.8	89.0	81.8	85.4	82.5
Stellar-ND	60	26	93.4	0.1	0.0	36.3	46.6	10	62.6	105.0	91.7	98.4	86.4
Tradition	60	26	79.8	1.3	0.0	32.3	46.0	9.6	77.3	113.4	90.1	101.8	93.6
<b>Two-Row</b>													
AC Metcalfe	60	26	80.2	0.9	2.0	35.8	47.4	9.2	67.3	120.5	90.1	105.3	92.6
Conlon	59	24	86.9	1.4	7.5	38.5	47.5	9.5	59.4	104.2	88.5	96.4	84.0
Harrington	64	27	15.8	35.3	7.0	23.0	39.2	10.9	--	115.4	50.3	82.9	--
Haxby	61	25	84.7	0.8	4.0	41.3	49.7	8.8	--	--	99.5	--	--
Rawson	59	25	90.0	0.2	3.3	41.8	47.3	8.6	--	114.2	89.9	102.1	--
LSD 5%	1	3	10.8	3.7	1.2	2.8	1.0	0.5	11.5	15.0	9.0	--	--
C.V.%	0.9	7.1	6.2	42.4	38.8	3.6	1.4	3.8	9.8	9.6	7.3	--	--
Mean	60	25	79.6	3.9	2.1	35.0	46.4	9.7	68.4	107.7	85.4	--	--

DAP=Days after planting

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