

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

Variety	Days		Lodge	Kernel Weight g/1000	Test Weight lb/bu	Protein %	Grain Yield				
	to Head	Plant Height					2004	2005	2006	2 Year	3 Year
	DAP ¹	in	0-9 ²				-----bu/A-----				
Conventional											
AC Assiniboia	53	35	2.3	33.4	35.2	12.5	205.9	123.1	152.7	137.9	160.6
AC Kaufman	52	34	2.3	35.1	35.8	11.2	205.6	133.3	166.8	150.1	168.6
AC Pinnacle	53	33	3.0	29.5	35.7	10.6	229.6	179.6	182.3	181.0	197.2
AC Ronald	52	32	5.8	28.4	37.8	12.0	212.1	97.0	152.0	124.5	153.7
Beach	51	36	3.8	29.8	38.8	13.1	227.3	140.8	168.5	154.7	178.9
CDC Boyer	52	35	3.0	34.8	35.4	12.1	209.5	121.5	158.4	140.0	163.1
CDC Dancer	51	35	3.3	32.5	37.7	11.6	230.5	128.4	161.3	144.9	173.4
CDC Pacer	52	35	5.8	32.1	37.2	11.8	216.0	102.6	177.4	140.0	165.3
CDC Weaver	52	32	3.5	26.0	34.5	11.8	--	128.1	169.7	148.9	148.9
Ebeltoft	54	30	0.8	30.0	36.3	12.7	217.3	143.5	169.8	156.7	176.9
HiFi	52	35	2.5	28.4	37.4	12.7	207.2	184.4	147.2	165.8	179.6
Hyttest	49	34	6.5	30.8	39.2	15.2	195.1	103.5	124.9	114.2	141.2
Jerry	49	33	3.0	29.8	37.8	13.6	196.2	95.9	152.7	124.3	148.3
Killdeer	49	30	1.3	27.5	36.2	11.8	227.8	126.7	159.6	143.2	171.4
Leonard	52	31	4.3	33.6	35.8	14.3	210.9	157.8	144.1	151.0	170.9
Maida	51	33	4.5	32.7	36.5	13.9	213.2	152.7	155.0	153.9	173.6
Monida	54	34	6.0	26.1	34.5	11.7	220.2	71.5	180.9	126.2	157.5
Morton	51	36	2.0	34.3	37.9	14.0	219.5	170.1	162.2	166.2	183.9
Otana	53	35	6.0	28.9	36.8	12.5	206.4	63.9	159.1	111.5	143.1
Souris	52	33	5.0	27.8	36.8	11.6	219.4	134.5	158.4	146.5	170.8
Youngs	51	34	4.3	33.9	36.0	13.8	197.3	131.4	151.0	141.2	159.9
Naked											
Buff	49	33	0.8	28.1	48.6	18.3	--	109.7	106.8	108.3	108.3
Paul	53	34	3.0	24.2	43.0	17.9	142.1	81.7	128.3	105.0	117.4
Stark	53	35	2.3	30.5	41.1	16.1	155.9	114.1	128.9	121.5	133.0
LSD 5%	1	2	2.7	5.8	1.0	0.8	15.1	31.4	17.8	--	--
C.V.%	1.8	4.9	--	9.2	2.0	4.3	5.2	16.7	8.1	--	--
Mean	52	34	3.5	30.8	37.6	13.0	208.4	134.0	156.5	--	--

¹ DAP=Days after planting

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