

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

Variety	Days to Head	Plant Height	Lodge	Kernel Weight	Test Weight	Protein	Grain Yield				
	DAP ¹	in	0-9 ²	g/1000	lb/bu	%	2008	2009	2010	2 Year	3 Year
Conventional											
AC Assiniboia	72	47	4.0	38.5	35.4	14.1	--	--	132.5	--	--
AC Pinnacle	70	43	0.8	34.9	35.2	11.0	131.3	226.8	164.8	195.8	174.3
Beach	68	48	1.8	33.7	38.9	12.8	121.3	188.4	123.9	156.1	144.5
Buff ³	63	39	1.8	27.3	46.1	15.9	60.9	116.4	86.6	101.5	88.0
CDC Dancer	69	44	1.5	34.4	36.9	12.2	122.5	199.3	121.9	160.6	147.9
CDC Minstrel	69	41	2.0	36.8	34.9	11.5	134.0	212.3	143.9	178.1	163.4
AC Furlong	71	45	2.8	43.8	36.2	14.1	115.4	229.0	148.3	188.7	164.2
HiFi	69	44	4.8	33.8	37.6	13.3	111.2	181.9	159.9	170.9	151.0
Hytest	65	45	4.3	32.9	38.7	14.6	102.0	158.2	119.5	138.8	126.6
Jerry	66	42	4.0	32.8	37.6	13.7	112.9	161.4	114.2	137.8	129.5
Killdeer	67	39	3.8	31.6	36.4	12.0	119.8	217.7	157.0	187.3	164.8
Leggett	69	41	0.3	36.5	37.1	14.1	--	205.4	148.3	176.8	--
Maida	69	46	2.8	37.4	37.0	13.3	104.3	183.6	131.7	157.6	139.9
Monida	71	47	5.5	28.8	36.4	13.1	123.5	206.6	173.9	190.2	168.0
Morton	69	48	1.3	32.8	37.2	13.6	113.0	184.7	120.0	152.3	139.2
Otana	68	44	6.0	31.7	36.1	12.6	114.8	198.5	144.0	171.2	152.4
Paul ³	71	46	4.8	24.7	43.3	17.3	64.6	141.3	106.2	123.7	104.0
Rockford	69	44	1.5	30.3	39.2	13.7	128.9	189.4	161.6	175.5	159.9
Shelby 427	64	42	2.0	31.5	38.5	14.0	--	--	126.6	--	--
Souris	70	41	2.0	32.3	36.2	13.1	115.0	196.3	160.4	178.3	157.2
Stallion	67	43	4.3	29.6	39.0	14.1	123.2	174.3	140.7	157.5	146.1
Stark ³	71	46	4.0	28.9	42.3	15.3	56.8	150.2	135.0	142.6	114.0
Streaker ³	64	43	6.3	29.3	47.0	17.7	--	--	119.4	--	--
Trucker	65	41	5.8	31.2	40.2	16.2	93.0	150.2	114.0	132.1	119.0
Youngs	69	46	2.3	40.3	35.7	13.8	123.2	185.3	118.2	151.7	142.2
LSD 5%	1	2	2.5	2.1	0.7	1.1	10.8	18.5	14.6	--	--
C.V.%	1.2	3.7	60.7	4.5	1.4	6.0	6.9	7.1	7.4	--	--
Mean	68	44	2.9	33.8	38.0	13.6	111.9	185.7	140.8	--	--

Planted on April 22 with a seeding rate of 1 million PLS and harvested on August 26.

¹ DAP = Days after planting.

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

³ Hulless oat variety.