

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

Variety	Days to Head DAP <sup>1</sup>	Plant Height in	Lodge 0-9 <sup>2</sup>	Kernel Weight g/1000	Test Weight lb/bu	Protein %	Grain Yield				
							2009	2010	2011	2 Year	3 Year
<b>Conventional</b>											
AC Pinnacle	62	43	3.8	25.9	28.9	11.4	226.8	164.8	98.5	131.7	163.4
Beach	61	44	3.5	27.1	33.1	12.5	188.4	123.9	91.5	107.7	134.6
Buff	54	36	1.5	25.1	44.7	15.1	116.4	86.6	67.3	76.9	90.1
CDC Dancer	61	42	0.8	27.8	31.6	12.7	199.3	121.9	86.2	104.1	135.8
CDC Minstrel	61	39	4.5	25.8	28.2	10.7	212.3	143.9	98.1	121.0	151.4
AC Furlong	64	42	6.3	30.9	27.0	11.5	229.0	148.3	74.2	111.3	150.5
HiFi	60	41	0.5	28.2	33.3	13.0	181.9	159.9	119.1	139.5	153.6
Hyttest	56	40	6.8	25.1	30.4	14.3	158.2	119.5	73.5	96.5	117.1
Jerry	58	40	7.8	25.0	28.2	12.6	161.4	114.2	80.1	97.1	118.5
Killdeer	58	34	6.8	22.4	26.7	10.7	217.7	157.0	88.6	122.8	154.4
Leggett	60	39	0.5	30.9	33.6	13.9	205.4	148.3	114.9	131.6	156.2
Monida	61	42	8.3	24.2	24.3	11.8	206.6	173.9	73.4	123.6	151.3
Morton	60	43	5.0	25.1	28.6	12.1	184.7	120.0	76.3	98.1	127.0
Newburg	60	42	1.3	30.5	32.9	13.2	179.9	177.3	122.4	149.9	159.9
Otana	61	42	6.0	23.2	24.6	12.5	198.5	144.0	48.4	96.2	130.3
Paul	62	42	2.5	22.7	42.6	17.5	141.3	106.2	59.1	82.7	102.2
Rockford	63	42	0.5	25.7	34.6	13.2	189.4	161.6	116.4	139.0	155.8
Shelby 427	54	40	0.0	29.5	36.1	13.3	--	126.6	122.6	124.6	--
Souris	60	40	0.0	28.2	34.4	12.9	196.3	160.4	129.1	144.7	161.9
Stallion	60	39	6.8	25.7	34.7	14.2	174.3	140.7	104.5	122.6	139.8
Stark	61	41	2.5	24.9	42.1	15.2	150.2	135.0	91.9	113.4	125.7
Streaker	56	39	5.3	26.3	43.5	16.8	--	119.4	73.8	96.6	--
Trucker	55	37	3.3	23.3	30.1	15.0	150.2	114.0	56.4	85.2	106.8
LSD 5%	2	2	1.9	2.1	1.9	0.8	18.5	14.6	11.9	--	--
C.V.%	1.8	3.5	50.9	5.4	4.1	4.3	7.1	7.4	8.3	--	--
Mean	60	40	2.7	27.8	33.2	13.2	185.7	140.8	101.2	--	--

Planted on May 18 with a seeding rate of 1 million PLS and harvested on August 25.

<sup>1</sup> DAP = Days after planting.

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