

2013 Oat Variety Trial—Minot

North Central Research Extension Center—Minot

Variety	Days to Head ¹ DAP	Plant Height inches	Lodging ² 0-9	Test Weight lb/bu	Grain Yield				
					2011	2012	2013	2 Year	3 Year
					-----bu/A-----				
Newburg	59	51	5	36.9	122.4	152.1	127.2	139.7	133.9
Shelby427	52	41	1	39.0	122.6	136.3	126.5	131.4	128.5
Souris	58	44	3	36.3	129.1	144.8	111.2	128.0	128.4
Jury	57	48	3	37.1	122.3	126.1	128.4	127.2	125.6
Rockford	59	45	3	38.0	116.4	143.1	116.4	129.7	125.3
HiFi	60	44	2	37.9	119.1	141.7	114.3	128.0	125.0
Stallion	60	44	7	37.1	104.5	167.9	86.2	127.1	119.5
Leggett	57	41	2	35.2	114.9	123.6	117.5	120.5	118.7
AC Pinnacle	61	47	8	33.6	98.5	146.1	98.8	122.5	114.5
Killdeer	59	39	7	34.8	88.6	144.1	100.6	122.4	111.1
CDC Dancer	60	45	3	39.0	86.2	136.4	107.8	122.1	110.1
CDC Minstrel	58	42	7	30.8	98.1	139.5	82.4	111.0	106.7
Beach	61	50	7	36.1	91.5	135.6	79.3	107.4	102.1
Morton	59	48	3	36.6	76.3	138.5	75.8	107.2	96.9
Furlong	63	44	8	33.8	74.2	121.8	88.3	105.0	94.8
Stark	61	45	7	38.8	91.9	115.8	70.0	92.9	92.6
Hyttest	54	45	8	36.0	73.5	130.3	60.9	95.6	88.2
Horsepower	53	36	1	37.8	--	135.2	110.9	123.1	--
Otana	60	45	9	30.4	--	134.5	60.8	97.6	--
Goliath	60	56	7	37.2	--	--	96.9	--	--
Mean	59	46	5	36.7	101.2	136.6	104.8	--	--
C.V.%	1.6	5.1	32	3.6	8.3	7.4	7.4	--	--
LSD 10%	1	3	2	1.6	14.3	10.7	9.1	--	--

¹ DAP = Days after planting.

² Lodging: 0 = none, 9 = lying flat on the ground.

Planted on May 16 with a seeding rate of 1 million PLS/A and harvested on September 6.

Previous Crop: 2010 & 2011 = summer fallow, 2012 = durum.

Soil Type: Williams loam