

## Oat Variety Trial at Minot

Variety	Days to Head <sup>1</sup> DAP	Plant Height inches	Lodging <sup>2</sup> 0-9	Test Weight lb/bu	Grain Yield			Average	
					2018	2019	2020	2 year	3 year
					-----bu/A-----				
CS Camden	54	36	0	38.4	137.7	126.4	117.5	122.0	127.2
Hayden	53	37	0	42.9	143.7	123.9	96.6	110.2	121.4
CDC Dancer	55	39	0	41.3	134.6	115.1	112.9	114.0	120.9
Rockford	55	38	0	41.2	132.4	121.6	106.6	114.1	120.2
Stallion	56	42	0	41.5	130.9	125.7	103.1	114.4	119.9
Beach	52	37	0	41.8	150.8	118.7	87.6	103.1	119.0
Leggett	53	34	0	42.9	142.1	122.3	84.9	103.6	116.4
CDC Minstrel	54	33	0	41.3	120.3	123.8	102.2	113.0	115.4
Hyttest	52	40	0	43.3	133.3	119.4	88.8	104.1	113.8
Deon	57	37	0	42.6	125.6	117.9	96.2	107.1	113.2
ND Heart	51	37	0	41.5	128.0	115.4	94.6	105.0	112.7
HiFi	54	36	0	39.8	117.6	117.6	92.1	104.8	109.1
Killdeer	52	30	0	40.6	115.3	113.1	93.8	103.4	107.4
Otana	55	40	0	41.3	113.4	99.7	107.5	103.6	106.9
Jury	54	38	1	40.3	111.3	114.5	91.2	102.8	105.7
Souris	55	33	0	40.8	112.3	102.9	91.7	97.3	102.3
Newburg	56	33	0	41.2	92.7	116.5	88.6	102.6	99.3
Paul	58	39	0	45.7	103.3	82.4	77.1	79.8	87.6
Warrior	51	35	0	40.4		120.5	99.0	109.8	--
Ore 3542M	53	33	0	40.8	--	--	99.6	--	--
Ore 3541M	52	33	0	42.7	--	--	87.5	--	--
Trial Mean	54	37	0	41.7	125.4	114.3	98.1	--	--
C.V.%	1.6	6.5	355	2.0	11.9	8.0	6.8	--	--
LSD 5%	1	4	NS	1.4	24.1	14.8	10.8	--	--
LSD 10%	1	3	NS	1.1	20.4	12.4	9.0	--	--

<sup>1</sup> DAP = Days after planting.      <sup>2</sup> Lodging: 0 = none, 9 = lying flat on the ground.

Planted on May 6 with a seeding rate of 1 million PLS/A and harvested on August 11.

Previous Crop: 2017, 2018 & 2019 = soy.

Soil Type: Williams Loam

Tillage: No-till