

2024 Oat Variety Trial at Minot

Variety	Days to	Plant	Lodging	Test	Yield				
	Head	Height		Weight	2022	2023	2024	2-yr avg	3-yr avg
	DAP*	inches	1-9**	lbs/bu	bu/a				
AAC Douglas	61	43	2	30.3	169.3	75.3	136.6	106.0	127.1
Beach	61	42	2	39.6	168.0	71.8	132.5	102.2	124.1
CS Camden	63	41	2	28.6	--	75.6	119.9	97.8	--
Deon	64	42	1	35.7	185.6	72.1	145.7	108.9	134.5
Endure	65	40	1	34.8	--	79.4	103.9	91.7	--
HiFi	64	47	1	33.5	168.5	67.4	129.4	98.4	121.8
Jury	62	46	2	33.7	160.4	76.2	135.8	106.0	124.1
Killdeer	62	39	2	32.9	156.8	73.4	142.4	107.9	124.2
Leggett	63	43	2	44.0	173.0	83.2	135.0	109.1	130.4
MN Pearl	64	41	1	38.6	183.7	80.2	118.0	99.1	127.3
ND Carson	65	44	1	36.6	--	71.7	116.9	94.3	--
ND Crema	69	47	1	43.6	--	38.5	62.9	50.7	--
ND Heart	61	42	1	35.5	159.0	60.0	106.7	83.4	108.6
ND Spilde	62	44	2	35.4	--	74.3	157.0	115.7	--
Newburg	66	43	2	33.8	165.5	55.4	135.3	95.4	118.7
ORe3541M	61	36	2	37.9	180.3	65.8	115.2	90.5	120.4
Otana	65	42	3	33.4	154.7	64.1	117.4	90.8	112.1
Paul	70	45	1	40.8	119.7	77.1	57.4	67.3	84.7
Rockford	64	44	2	35.1	164.9	63.1	122.9	93.0	117.0
SD Buffalo	63	43	1	39.6	178.2	68.1	110.3	89.2	118.9
SD Momentum	69	52	1	44.7	--	--	103.6	--	--
SD Titan	62	48	2	40.0	--	--	152.2	--	--
Trial mean	64	44	2	37.3	170.7	67.4	121.8	--	--
C.V.%	2.2	6.4	57.6	5.7	7.3	16.5	8.9	--	--
LSD 0.05	2	5	2	3.5	202	20.2	17.6	--	--
LSD 0.1	2	4	1	2.9	16.9	16.9	14.7	--	--

*DAP = Days after planting.

**Lodging: 1 = none, 9 = lying flat on the ground.

Planting date: April 23, 2024

Harvest date: August 13, 2024

Seeding rate: 1 million live seeds/acre

Previous crop: Soybeans

Tillage system: no-till

Soil type: Williams loam