

2022 Oat Variety Trial at Minot

Variety	Days to Head ¹ DAP	Plant Height inches	Lodging ² 0-9	Test Weight lbs/bu	Grain Yield-----				
					2019	2020	2022	2 yr avg	3 yr avg
CS Camden	47	40	0	37.4	126.4	117.5	186.7	152.1	143.5
Hayden	48	39	1	39.4	123.9	96.6	181.8	139.2	134.1
Deon	49	42	0	38.4	117.9	96.2	185.6	140.9	133.2
CDC Minstrel	51	43	0	37.4	123.8	102.2	171.2	136.7	132.4
Rockford	49	41	1	39.2	121.6	106.6	164.9	135.8	131.0
Warrior	46	34	0	38.5	120.5	99.0	161.6	130.3	127.0
Leggett	50	44	0	37.0	122.3	84.9	173.0	128.9	126.7
HiFi	48	40	3	38.0	117.6	92.1	168.5	130.3	126.1
Beach	48	37	1	39.5	118.7	87.6	168.0	127.8	124.8
Newburg	48	41	4	39.7	116.5	88.6	165.5	127.1	123.5
ND Heart	48	42	1	38.4	115.4	94.6	159.9	127.2	123.3
Jury	48	41	1	39.1	114.5	91.2	160.4	125.8	122.0
Killdeer	46	39	2	38.1	113.1	93.8	156.8	125.3	121.2
Otana	46	38	3	38.1	99.7	107.5	154.7	131.1	120.6
Souris	49	39	2	38.4	102.9	91.7	157.5	124.6	117.4
Paul	50	42	1	41.6	82.4	77.1	119.7	98.4	93.1
Pearl	49	39	1	37.5	--	--	183.7	--	--
Buffalo	47	38	1	37.7	--	--	178.2	--	--
AAC Douglas	48	39	1	36.3	--	--	169.3	--	--
Trial Mean	48	40	1	38.4	114.3	98.1	170.7	--	--
C.V.%	2.3	7.3	94.0	3.5	8.0	6.8	7.3	--	--
LSD 0.05	2	5	2	2.2	14.8	10.8	20.2	--	--
LSD 0.1	2	4	1	1.8	12.4	9.0	16.9	--	--

¹DAP = Days after planting.

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

³ 2021 yield data not included in 2 and 3 year averages.

Planted on May 28 with a seeding rate of 1 million PLS/A and harvested on August 26.

Previous Crop: soy

Soil Type: Williams Loam

Tillage: No-till

Note: The 2021 trial sustained extreme drought. Data not shown.