

**NDSU Carrington Research Extension Center
2023 Variety Trial Data**

Oat - Dryland	Carrington
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Variety	Days to Heading days	Plant Height inches	Lodging* ¹ 0-9	Protein %	KWT g/1000	Test Weight lb/bu	Yield -----	
							2023* ----- bu/a -----	3-yr. Avg. ²
AAC Douglas	43.7	40.8	1.2	12.7	35.6	35.2	168.7	--
Beach	43.7	31.2	2.0	15.0	34.4	34.7	91.9	87.9
CS Camden	44.0	35.2	1.4	13.5	34.5	36.6	149.9	115.7
Deon	46.3	37.3	2.0	14.0	32.5	35.8	134.1	110.4
Endure	45.7	37.8	1.8	13.3	36.9	35.2	152.3	--
Hifi	45.3	32.0	1.1	14.0	27.9	31.1	87.7	86.6
Jury	45.7	34.1	3.5	13.5	30.0	31.9	103.2	105.0
Killdeer	44.0	31.0	1.0	14.3	27.7	30.4	105.5	89.0
Leggett	44.3	30.7	1.3	14.3	30.9	33.5	112.6	95.3
MN Pearl	45.0	35.3	1.9	13.1	33.1	34.6	128.4	--
ND Carson	45.3	32.4	2.0	13.0	32.5	33.2	138.8	108.1
ND Crema	49.7	39.6	1.8	20.0	27.4	45.0	79.8	62.4
ND Heart	45.3	32.2	1.0	14.5	27.0	30.6	86.9	89.6
ND Spilde	45.3	35.3	2.1	14.0	30.0	30.2	106.5	102.7
Newburg	46.0	32.8	1.5	13.2	31.4	31.3	120.3	108.2
Otana	46.3	37.1	2.4	14.5	29.2	35.2	91.7	103.1
Paul	47.0	40.7	2.7	17.6	26.6	40.5	90.0	65.1
Rockford	46.3	38.8	1.1	14.2	29.3	35.6	115.9	96.6
SD Buffalo	44.3	37.7	1.2	13.7	32.8	34.3	121.8	--
AAC Nevel	46.7	32.5	1.0	13.2	33.1	31.6	118.9	--
OT7104	48.0	31.9	1.3	13.6	40.9	32.7	118.2	--
OT6037	52.3	35.3	2.0	13.7	36.3	26.4	105.8	--
Mean	46.4	36.0	1.7	14.1	32.9	34.0	105.3	--
C.V. (%)	1.9	8.9	20.5	3.6	7.6	5.1	6.2	--
LSD (0.05)	1.4	5.2	0.8	0.8	4.1	2.8	15.0	--
LSD (0.10)	1.2	4.4	0.3	0.7	3.4	2.3	5.4	--

Planting Date = May 18; Harvest Date = September 13; Previous Crop = Soybean

¹ Lodging was highly variable across trial.

² Three-year average is for 2020, 2022 and 2023, as 2021 trial was lost due to drought.

*Best Linear Unbiased Estimate