

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Oats Dryland Variety Trial - NDSU				WREC, Williston, ND 2020		
Variety	Days to heading (DAP)	Plant height (in)	Test weight (lb/bu)	Yield		
				2020 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg (bu/a)
Killdeer	51	26	45.3	74.8	134.7	115.9
CS Camden	52	26	44.1	71.7	133.3	114.7
Jury	51	28	45.7	68.7	126.1	113.1
Leggett	52	24	44.5	63.9	127.3	112.5
CDC Dancer	50	25	46.6	64.9	125.5	111.0
ND131603	52	22	45.6	66.5	126.3	110.1
Rockford	53	29	45.5	68.5	126.5	108.2
ND141338	53	23	46.8	67.7	121.4	107.4
ND141327	53	26	46.2	61.1	117.9	106.8
Deon	53	24	45.4	60.1	118.4	105.8
Otana	53	28	44.3	65.8	118.4	105.6
Minstrel CDC	53	27	45.7	65.1	118.9	104.4
Hayden	51	23	45.1	60.7	118.5	103.0
ND130202	51	26	46.6	66.1	117.7	102.9
Stallion	51	27	45.3	66.7	111.6	102.4
ND141363	53	27	46.3	59.0	112.9	101.8
HiFi	54	26	43.5	61.2	112.6	101.2
Newburg	52	26	45.5	70.0	108.9	101.1
Souris	51	26	46.1	63.3	112.8	99.4
Beach	50	25	45.0	62.4	100.2	94.6
ND Heart (ND121901)	48	26	44.4	58.5	100.1	89.9
Hystest	48	25	44.9	55.9	91.5	80.3
Paul	54	27	51.4	41.0	80.6	72.1
ND040341 (High oil)	54	27	52.6	34.6	66.6	57.9
ND151085	53	26	45.3	63.0	118.0	-
ORE3542M	51	24	43.5	68.6	116.5	-
Warrior	49	28	44.6	62.0	114.0	-
ORE3541M	49	26	45.5	67.0	106.9	-
ND161472	49	27	45.4	77.8	-	-
ND161473	49	26	45.0	76.1	-	-
ND160259	53	27	48.0	76.0	-	-
ND161443	52	24	44.3	70.4	-	-
ND161488	49	25	43.4	70.1	-	-
ND161367	52	25	44.4	68.4	-	-
ND160171	52	27	48.0	65.5	-	-
ND160173	53	26	45.4	65.0	-	-
CDC Haymaker	54	28	45.0	42.4	-	-
Mean	51.6	25.9	45.7	64.1	-	-
CV (%)	1.9	12.3	1.3	8.6	-	-
LSD (5%)	1.6	5.2	1.0	9.0	-	-
LSD (10%)	1.4	4.3	0.8	7.5	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft

Planted: 05-15-2020 Harvested:08-21-2020 Previous crop: Soybeans

Soil test (0-6"): P=20 ppm; K=285 ppm; pH=6.4; OM=2.0%

(0-24"): NO3-N=24 lb/a

Soil type: Williams-Bowbells loam

Applied fertilizers in lb/a: N=72; P₂O₅=20; K₂O=0

Herbicide Application: Supremacy @ 6 oz/a (6/09/2020)