

NORTH DAKOTA STATE UNIVERSITY  
Williston Research Extension Center

Oat Dryland Variety Trial - NDSU

WREC, Williston, ND 2017

Variety	Heading		Test weight <sup>‡</sup>	Yield <sup>#</sup>		
	Date	Height		2017	2-Yr Avg	3-Yr Avg
	DAP*	(in)	(lb/bu)	(bu/a)	(bu/a)	(bu/a)
Killdeer	48	20.4	36.1	67.5	89.7	81.6
AC Pinnacle	51	23.3	36.3	72.9	88.1	79.8
CDC Dancer	49	24.7	37.2	66.3	83.7	79.8
Minstrel CDC	50	23.7	36.1	64.3	85.1	76.6
Leggett	49	23.8	38.4	63.1	83.7	76.0
Souris	49	22.3	37.0	65.1	79.1	73.7
Deon (MN)	50	26.4	39.2	70.9	76.6	73.4
Rockford	50	22.7	38.3	62.8	81.6	72.7
Otana	51	26.9	34.7	68.7	77.4	72.3
HiFi	51	24.4	37.6	61.6	77.0	71.2
Newburg	49	25.6	38.4	64.9	74.7	70.4
Jury	49	25.9	39.5	66.0	73.8	70.2
Beach	48	23.5	38.8	56.4	71.2	65.0
Hyttest	47	26.1	39.4	49.8	63.4	60.0
Stallion	52	20.4	35.3	50.4	71.2	59.9
Paul	52	26.3	49.0	42.8	52.7	55.3
Hayden	48	26.3	38.5	71.8	-	-
CS Camden	48	24.3	36.1	68.0	-	-
Mean	49.6	24.3	38.1	63.0	-	-
CV (%)	1.6	5.0	2.4	7.9	-	-
LSD (5%)	1.3	2.0	1.5	7.8	-	-
LSD (10%)	1.1	1.7	1.2	6.5	-	-

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

Previous crop: Peas

Planted: 5-4-2017

Harvested: 8-11-2017

Soil test (0-6"): P=19 ppm; K=230 ppm; pH=5.5; OM=2.5%;

Soil type: Williams-Bowbells loam

(0-24"): NO<sub>3</sub>-N=74 lb/a

Applied fertilizers in lb/a: N=5; P<sub>2</sub>O<sub>5</sub>=18; K<sub>2</sub>O=0; S=5

DAP\* = Days after planting

<sup>‡</sup>Test weight reported on a 13.5% moisture basis

<sup>#</sup>Yield reported on a 13.5% moisture basis

Chemical Applications: Bromac Advanced @ 2 pints/a (6/9/17)