

## Oat Dryland Variety Trial - NDSU

WREC, Williston, ND 2016

Variety	Heading		Test weight <sup>‡</sup>	Yield <sup>#</sup>		
	Date	Height		2016	2-Yr Avg	3-Yr Avg*
	DAP <sup>1</sup>	(in)	(lb/bu)	(bu/a)	(bu/a)	(bu/a)
AC Pinnacle	52	29.8	45.2	103.3	83.3	90.9
CDC Dancer	50	31.0	45.7	101.1	86.5	84.1
Minstrel CDC	48	27.8	45.8	105.8	82.7	82.7
Killdeer	48	27.0	45.3	111.9	88.6	81.6
Otana	51	33.3	45.4	86.2	74.1	80.1
Leggett	53	30.5	45.4	104.4	82.4	77.0
Deon (MN)	52	30.2	45.7	82.3	74.6	76.8
Souris	50	25.3	46.3	93.0	77.9	76.0
Rockford	51	30.0	46.5	100.5	77.6	75.9
Newburg	50	32.5	46.3	84.6	73.1	75.7
Jury	50	32.7	46.3	81.6	72.3	74.3
AC Furlong	53	31.7	44.2	101.1	78.3	74.3
HiFi	52	30.6	45.3	92.4	76.1	72.3
Beach	50	30.0	47.5	86.0	69.3	64.3
Stallion	50	31.6	46.2	92.1	64.6	62.9
Hytest	48	32.5	46.8	77.0	65.1	60.9
Paul	53	32.9	51.9	62.6	61.6	52.2
Goliath	49	34.1	47.0	77.7	69.6	-
Mean	50.5	30.7	46.3	91.3	-	-
CV (%)	2.2	5.8	5.9	1.2	-	-
LSD (5%)	1.5	2.5	7.6	0.7	-	-
LSD (10%)	1.3	2.1	6.4	0.6	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft  
 Planted: 5-4-2016

Previous crop: Safflower  
 Harvested: 8-11-2016

Soil test (0-6"): P=17 ppm; K=266 ppm; pH=6.2; OM=2.4%;  
 (0-24"): NO<sub>3</sub>-N=4 lb/a

Soil type: Williams-Bowbells loam

Applied fertilizers in lb/a: N=44; P<sub>2</sub>O<sub>5</sub>=18; K<sub>2</sub>O=0; S=5

DAP\* = Days after planting

<sup>†</sup>Protein adjusted to 12.0% moisture

<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/ac (6/9/16)