

Table 18. 1987 Dickinson Oats Variety Trial

Variety	Bu/A Avg.	Test Wt. Lbs.	Heading Date	Height In.
NA 0821-1	101.9	34.0	01-Jul	24
ND 830646	89.7	35.5	22-Jun	28
Monida	86.8	36.5	23-Jun	28
Dumont	84.5	36.0	22-Jun	26
ND 840413	82.8	36.0	21-Jun	29
Porter	78.7	36.5	21-Jun	28
Border	78.2	36.0	24-Jun	23
Otana	77.0	39.5	22-Jun	28
ND 821742	76.4	37.5	22-Jun	26
ND 820294	76.4	33.5	19-Jun	26
ND 830775	75.8	38.0	23-Jun	30
ND 820744	75.8	36.5	20-Jun	27
ND 830185	74.1	38.0	20-Jun	29
Steele	73.5	36.5	20-Jun	29
ND 830645	72.9	36.5	20-Jun	29
ND 841974	69.5	37.5	20-Jun	26
Riel	67.7	37.5	19-Jun	27
ND 820559	66.6	36.5	19-Jun	28
ND 831122	66.6	36.0	19-Jun	24
Sandy	66.0	39.5	20-Jun	30
ND 820603	61.4	38.0	22-Jun	25
Proat	57.9	38.0	22-Jun	26
Hytest	55.0	41.0	19-Jun	27
ND 810104	50.4	34.0	18-Jun	24
Seeding Rate: 1.5 Bu/A				
Seeding Date: April 23 Harvest Date: August 6				
Fertilizer Applied: 50 lbs./A 18-46-0				
Herbicide Applied: Buctril				
L.S.D. 5% = 6.9 Bu/A C.V. = 9.3%				

Table 19. Long Term Yield Comparison – Oats

Variety	1983	1984	1985	1986	1987	Averages
Otana	107.9	56.8	81.3	101.6	77.0	84.9
Porter	99.7	56.7	73.2	114.0	78.7	84.5
Steele	94.9	56.8	81.2	106.2	73.5	82.5
Dumont	105.9	61.6	76.4	116.5	84.5	89.0
Border	119.6	65.6	82.9	100.0	78.2	89.3
Monida	---	---	85.0	126.8	86.8	99.5
Proat	---	---	74.8	100.0	57.9	77.6
Riel	---	---	89.3	112.4	67.7	89.8
ND 810104	---	---	98.5	124.8	50.4	91.2
LSD .05	8.0	6.9	7.3	15.5	6.9	9.5

Table 20. 1987 Dickinson Off-Station Oats Variety Trials

Variety	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Bushels per Acre							
Border	78.2	46.5	39.5	53.8	72.5	71.2	60.3
Dumont	84.5	49.5	36.9	63.8	72.5	79.9	64.5
Monida	86.8	53.4	40.4	59.9	69.9	80.8	65.2
Otana	77.0	52.1	37.3	56.4	60.4	66.0	58.2
Porter	78.7	43.4	37.3	58.6	67.7	66.4	58.7
Test Wt. lbs. / bu.							
Border	36.0	36.0	36.0	35.5	32.5	35.5	35.3
Dumont	36.0	38.5	38.5	36.0	35.5	36.5	36.8
Monida	36.5	37.0	37.0	35.0	35.0	38.0	36.4
Otana	39.5	38.0	38.0	36.5	35.5	39.0	37.8
Porter	36.5	37.5	37.5	36.5	36.0	36.5	36.8
Seeding Date:	Apr. 23	Apr. 27	Apr. 30	Apr. 29	Apr. 28	May 1	
Harvest Date:	Aug. 6	Aug. 3	Aug. 13	Aug. 12	Aug. 11	Aug. 10	
L.S.D. 5% :	6.9	6.3	4.6	8.2	2.8	2.6	5.6
C.V. (%) :	9.3	11.8	11.0	12.9	4.0	3.2	
Fertilizer Applied:	According to soil test at each site.						
Herbicide Applied:	Hoelon-Buctril tank mix						
Seeding Rate:	1 Bu/A						

Table 21. 1987 Dickinson Oats Small Plot Trial

Variety	Bu/A Avg.	Test Wt. Lbs.
NA 0821-1	60.0	35.0
ND 830185	55.0	33.5
ND 821742	54.6	36.5
ND 830645	54.6	34.0
ND 830646	54.6	33.5
Sandy	54.1	35.5
Border	53.2	34.0
Steele	52.0	34.0
ND 841974	51.7	35.5
Riel	50.7	35.5
ND 810104	50.6	33.5
Dumont	49.5	34.0
Hyttest	49.5	39.5
ND 820294	48.6	32.5
IAD 623-15	48.3	33.0
ND 820603	47.7	36.0
ND 830775	47.6	34.0
Proat	47.2	35.5
Otana	46.9	37.0
Porter	46.1	36.5
ND 820559	45.8	34.0
ND 831122	45.1	35.0
ND 820744	44.3	36.0
Monida	44.0	35.0
WIX 4872-2	43.5	34.5
ND 840413	41.0	34.5
Seeding Rate: 1.5 Bu/A		
Seeding Date: April 24 Harvest Date: August 21		
Fertilizer Applied: 50 lbs./A 18-46-0		
Herbicide Applied: Buctril		
L.S.D. 5% = 10.4 Bu/A C.V. = 21.0%		