

Table 23. Long Term Yield Comparison – Oats

Variety	Yield in Bushels per Acre					
	1982	1983	1984	1985	1986	5 Year Average
Otana	103.7	107.9	56.8	81.3	101.6	90.3
Kelsey	103.7	113.5	61.8	90.4	105.2	94.9
Porter	92.0	99.7	56.7	73.2	120.7	88.5
Steel	103.7	94.9	56.8	81.2	114.0	90.1
Dumont		105.9	61.6	76.4	106.2	87.5
Border		119.6	65.6	82.9	116.5	96.2
LSD @ 5%	8.9	8.0	6.9	7.3	15.5	3.1

Table 24. 1986 Dickinson Off-Station Oat Variety Trials

Variety	Dickinson	Beulah	Manning	Average 3-Sites	Average 7-Sites
Bushels per Acre					
Monida	126.8	117.0	89.2	111.0	99.8
Otana	101.6	121.2	96.9	106.6	92.1
Porter	114.0	112.4	90.2	105.5	90.8
Riel	112.4	109.3	101.1	107.6	92.8
Steele	106.2	111.4	82.0	99.9	85.4
ND 810104	124.8	88.2	73.2	95.4	87.2
Test Weight per Bushel					
Monida	36.0	32.0	32.0	33.3	35.8
Otana	37.5	37.0	35.5	36.7	38.0
Porter	36.0	37.0	35.5	36.2	37.2
Riel	36.0	35.5	35.0	35.5	37.1
Steele	35.0	32.5	32.5	33.3	35.1
ND 810104	36.0	33.0	33.0	34.0	34.9
Seeding Date: May 22 May 14 May 1					
Harvest Date: Aug. 19 Aug. 18					
L.S.D. 5%:	15.5	18.1	9.2	14.7	
C.V.%:	9.6	15.4	7.4		
Fertilizer Applied: According to Soil Test at each site.					
Herbicide Applied: Buctril					
Seeding Rate: 1.5 bu./ac.					