



Coillte Teoranta

Forest Management Plan

Mote Park

RN16

2006 to 2010

District Manager

Gerry Gavin

District

W2



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Introduction

Forest: RN16 Mote Park
District: W2 District Manager Gerry Gavin

Mote Park forest is situated in Mote Park forest is located in East Roscommon on the Longford, Westmeath borders and is part of the East Galway-Roscommon, W2 District. The forest is mainly of flat terrain with Mote Park property on more raised ground been visible from surrounding areas. The water catchment area of the forest feeds into the river Shannon complex.

The main soil type in Mote Park are A wide variance from mineral soil, mineral gleys, peaty gleys to raised bog are present in the forest.

The main towns and villages located in the catchment area of Mote Park forest are Roscommon town is the main town in the catchment area as well as Knockcroghery village.

The management focus for the forest is concerned with The primary focus in the forest is timber production allied to a a function of bio-diversity and conservation on the NHA, SAC, riparian zones and areas of open space. Mote Park property on the fringe of Roscommon has a management plan based on consultation with local residents.

202 ha are planned for clearfell in a 20 period from 2005. This averages at 10 ha per annum or 1.8% of the forest area.

In a 5 year period up to 2010, 22425 cubic metre will be felled. This represents an average of 307 M3 per ha.

In the conifer crops 55.3% of the area will be thinned as standard. 28% wil have a no thin status due mainly to the presence of Lodge pole pine. The remainder of the area will either be thinned once or up to 3 times.

The forest contains 34 and 0 experiment plots. Proposed SPs (if any) containing either seedstands or experiment plots will be marked SD or EX as appropriate in tables 2.6 and 2.7

Table 1 Area by Objective

	Forest:	RN16	Mote Park
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		278.0	51.1%
Biodiversity		60.4	11.1%
Conservation		156.4	28.8%
Recreation		6.4	1.2%
Seed Stand		42.7	7.9%
Total		543.8	100.0%



Table 2 Area by Special Consideration

Forest:	RN16	Mote Park	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		0.4	0.1%
Farm Partnership		17.7	3.2%
Fisheries Protection		0.8	0.2%
Legal		59.7	11.0%
Life Project		49.0	9.0%
None		163.7	30.1%
Old Woodland Site		190.8	35.1%
ROW Problems		9.0	1.7%
Statutory Designation		52.6	9.7%
Total		543.8	100.0%



Table 3 Area by Fell Year

Forest: RN16

Mote Park

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	12.3	
2007	28.1	
2008	18.3	
2009	12.0	
<u>5 Year Total and Average</u>	<u>70.8</u>	<u>8.85</u>
2010	8.8	
2011	27.2	
2012	17.9	
2013	6.5	
2014	14.1	
<u>5 Year Total and Average</u>	<u>74.5</u>	<u>7.45</u>
2015	5.5	
2016	3.5	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	5.7	
	2018	5.8	
	2019	0.0	
<u>5 Year Total and Average</u>		<u>20.4</u>	<u>2.27</u>
	2020	27.9	
	2021	0.0	
	2022	8.8	
	2023	0.0	
	2024	5.6	
<u>5 Year Total and Average</u>		<u>42.3</u>	<u>6.05</u>

Table 4 Area by Species Group

Forest:	RN16	Mote Park	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	1.7	0.4
	ASH	9.9	2.2
	BE	3.3	0.8
	BI	17.2	3.9
	DF	3.1	0.7
	FIR	6.1	1.4
	LAR	13.8	3.1
	LP	66.5	15.1
	NS	140.0	31.9
	OAK	4.8	1.1
	OB	11.7	2.7
	OC	2.5	0.6
	OP	17.9	4.1
	SS	140.8	32.1
		439.3	100.0



Table 5 Listing of Restocking MUs

Forest: RN16

Mote Park

2006																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
5	RN16-5	Biodiversity	Old Woodland Si	4.9	0.7	2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
91	RN16-5	Recreation	Old Woodland Si	2.7		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	RN16-6	Timber Production	Old Woodland Si	3.7	-27.5	14.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	
76	RN16-6	Timber Production	Old Woodland Si	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
Total MU Area				12.3															
2007																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
31	RN16-5	Seed Stand	None	5.8	0.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	
90	RN16-5	Biodiversity	Old Woodland Si	1.4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
92	RN16-5	Recreation	Old Woodland Si	3.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	RN16-6	Timber Production	Old Woodland Si	1.7	0.3	0.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	



82	RN16-7	Timber Production	None	15.6	2.3	9.3	0.0	1.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Total MU Area 28.1

2008

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								
									LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB

6	RN16-5	Biodiversity	Old Woodland Si	5.5	0.8	1.9	0.0	1.9	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
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33	RN16-5	Timber Production	Old Woodland Si	6.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0
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32	RN16-6	Timber Production	Old Woodland Si	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Total MU Area 18.3

2009

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								
									LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB

35	RN16-5	Seed Stand	Old Woodland Si	4.5	0.7	0.0	0.0	1.9	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0
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59	RN16-5	Seed Stand	Old Woodland Si	2.0	0.3	1.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
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86	RN16-5	Seed Stand	None	2.7	0.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
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15	RN16-6	Timber Production	Old Woodland Si	2.8	0.4	1.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
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Total MU Area 12.0



2010				MU Area (ha)	Area (ha)												
MU	Map Cutting	Objective	Special Considerations		Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
37	RN16-5	Seed Stand	None	3.4	0.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	
41	RN16-6	Timber Production	Old Woodland Si	5.4	0.8	3.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	
Total MU Area				8.8													