



Coillte Teoranta

Forest Management Plan

Garadice

LM09

2006 to 2010

District Manager

Eugene Griffin

District

N2



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Introduction

Forest: LM09 Garadice
District: N2 District Manager Eugene Griffin

Garadice forest is situated in south County Leitrim.

The main soil type in Garadice are gleys and peaty gleys.

The main towns and villages located in the catchment area of Garadice forest are Ballinamore and Aghnasheelin.

The management focus for the forest is concerned with timber production but there is a significant under statutory designation and being managed for biodiversity.

There will be 306 ha felled over the plan period.

There will be 73,083 m³ harvested over this period.

Most of the forest can be thinned but a considerable area is classed as not thinnable.

The forest contains 0 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:	LM09	Garadice	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,278.7	59.4%
Biodiversity		708.4	32.9%
Conservation		164.3	7.6%
Total		2,151.4	100.0%



Table 2 Area by Special Consideration

Forest:	LM09	Garadice	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
None		1,424.3	66.2%
Potential Sale		17.7	0.8%
Statutory Designation		701.9	32.6%
Wildlife		7.5	0.3%
Total		2,151.4	100.0%



Table 3 Area by Fell Year

Forest: LM09

Garadice

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	97.6	
2007	74.9	
2008	105.8	
2009	12.6	
<u>5 Year Total and Average</u>	<u>290.9</u>	<u>36.36</u>
2010	49.3	
2011	39.4	
2012	52.2	
2013	7.8	
2014	11.3	
<u>5 Year Total and Average</u>	<u>160.1</u>	<u>16.01</u>
2015	5.7	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	6.9	
2019	0.9	
<u>5 Year Total and Average</u>	<u>13.4</u>	<u>1.68</u>
2020	26.3	
2021	22.2	
2022	40.7	
2023	10.7	
2024	15.7	
<u>5 Year Total and Average</u>	<u>115.5</u>	<u>12.83</u>

Table 4 Area by Species Group

Forest:	LM09	Garadice	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	BI	18.8	1.4
	LAR	35.5	2.6
	LP	383.8	28.1
	NS	33.0	2.4
	OAK	1.8	0.1
	OB	1.2	0.1
	SS	889.6	65.2
		1,363.7	100.0



Table 5 Listing of Restocking MUs

Forest: LM09

Garadice

2006 MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
65	LM09-3	Timber Production	None	2.3	0.4	1.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
79	LM09-3	Timber Production	None	21.2	3.2	1.8	12.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
91	LM09-3	Timber Production	None	11.7	1.8	2.0	6.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
150	LM09-4	Timber Production	None	1.8	0.3	1.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
18	LM09-7	Biodiversity	Statutory Designat	11.2	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
32	LM09-7	Biodiversity	Statutory Designat	14.2	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
33	LM09-7	Timber Production	None	5.5	0.8	3.7	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
101	LM09-7	Biodiversity	Statutory Designat	21.4	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
107	LM09-9	Timber Production	None	8.4	1.3	5.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
Total MU Area				97.6													



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				
136	LM09-4	Timber Production	None	21.5	3.2	14.6	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0		
20	LM09-8	Timber Production	None	0.7	0.1	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0		
102	LM09-8	Timber Production	None	10.8	1.6	3.7	3.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0		
35	LM09-9	Biodiversity	Statutory Designat	8.2	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		
48	LM09-9	Timber Production	None	15.7	2.4	6.7	4.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0		
218	LM09-9	Biodiversity	Statutory Designat	4.9	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		
96	LM09-10	Biodiversity	Statutory Designat	9.1	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		
82	LM09-11	Timber Production	None	3.8	0.6	2.6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0		
Total MU Area				74.9															
2008																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
88	LM09-3	Timber Production	None	15.8	2.4	2.7	8.1	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0		



148	LM09-3	Timber Production	None	9.4	1.4	4.0	4.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
310	LM09-3	Timber Production	None	1.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122	LM09-4	Timber Production	None	11.8	1.8	8.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
133	LM09-4	Timber Production	None	12.5	1.9	5.3	3.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0
312	LM09-4	Timber Production	None	4.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315	LM09-5	Timber Production	None	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
110	LM09-8	Timber Production	None	5.2	0.8	3.6	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
111	LM09-8	Conservation	None	9.2	1.4	6.3	0.0	0.0	0.8	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0
229	LM09-9	Timber Production	None	6.4	1.0	4.3	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
70	LM09-10	Timber Production	None	2.1	0.3	1.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
230	LM09-10	Biodiversity	Statutory Designat	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	0.0
245	LM09-10	Biodiversity	Statutory Designat	17.6	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

Total MU Area 105.8



2009																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI			
125	LM09-4	Timber Production	None	12.6	1.9	1.1	7.5	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	
Total MU Area				12.6														
2010																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI			
127	LM09-4	Timber Production	None	6.7	1.0	4.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	
176	LM09-5	Timber Production	None	3.2	0.5	1.9	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	
189	LM09-5	Timber Production	None	10.2	1.5	7.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
316	LM09-5	Timber Production	None	14.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
128	LM09-6	Timber Production	None	15.1	2.3	0.0	10.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	
Total MU Area				49.3														