



Coillte Teoranta

Forest Management Plan

Macnean West

LM07

2006 to 2010

District Manager

Eugene Griffin

District

N2



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Introduction

Forest: LM07 Macnean West
District: N2 District Manager Eugene Griffin

Macnean West forest is situated in Co Leitrim around Glenfarne on the Cavan Co boundary. It is bounded by Lough Macnean to the north east which is the major waterway in the area and into which flow many streams that come from the surrounding higher ground. The forest is 825 ha in size made up of sixteen properties of varying sizes. The demesne property which borders Lough Macnean is used extensively by locals and tourists. A water supply pipeline runs through Moneenlom property, NB MU numbers 56, 57 and 58. It runs along bank of stream that flows through property.

The main soil type in Macnean West are gleys, peaty gleys and blanket peats.

The main towns and villages located in the catchment area of Macnean West forest are Glenfarne

The management focus for the forest is concerned with Timber production, biodiversity, maintain amenity sites, and to increase broadleaf planting in the next rotation.

There are a few stands of Scots pine which are for long term retention and they also contain a seed stand.

Property sales may be an option in some areas. Good forest management to SFM standards is the focus.

It is intended to fell 53 ha in the years 2006 to 2010 and a further 127 ha in the following five years.

It is intended to fell 42000m³ in the years 2006 to 2010

standard thin 28% or 178 ha, local 4.5% or 30ha, 2thin 24% or 153ha, 3th 8% or 48 ha and nothin at 21% this would include pine areas sites with access problems.

The forest contains 6 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:	LM07	Macnean West
<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	721.2	87.5%
Biodiversity	71.0	8.6%
Non-forest Commercial	11.9	1.4%
Seed Stand	19.6	2.4%
Total	823.8	100.0%



Table 2 Area by Special Consideration

Forest:	LM07	Macnean West	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access County Road		40.7	4.9%
None		693.4	84.2%
Old Woodland Site		77.8	9.4%
Potential Sale		11.9	1.4%
Total		823.8	100.0%



Table 3 Area by Fell Year

Forest: LM07

Macnean West

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	25.6	
2008	27.3	
2009	13.5	
<u>5 Year Total and Average</u>	<u>66.4</u>	<u>9.48</u>
2010	37.1	
2011	28.8	
2012	12.5	
2013	8.4	
2014	63.2	
<u>5 Year Total and Average</u>	<u>149.9</u>	<u>14.99</u>
2015	2.1	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	24.0	
2019	0.0	
<u>5 Year Total and Average</u>	<u>26.1</u>	<u>3.73</u>
2020	30.1	
2021	19.1	
2022	22.8	
2023	5.9	
2024	8.4	
<u>5 Year Total and Average</u>	<u>86.3</u>	<u>9.59</u>

Table 4 Area by Species Group

Forest:	LM07	Macnean West	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	0.9	0.1
	BE	0.9	0.1
	BI	12.1	1.7
	LAR	12.2	1.7
	LP	41.3	5.7
	NS	1.5	0.2
	OAK	0.9	0.1
	OB	1.1	0.1
	OC	0.1	0.0
	OP	33.9	4.7
	SS	617.5	85.4
	WRC	0.4	0.1
		722.6	100.0



Table 5 Listing of Restocking MUs

Forest: LM07 Macnean West

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				
55	LM07-5	Timber Production	None	20.1	3.0	15.4	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0		
59	LM07-5	Timber Production	None	5.5	0.8	3.8	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				25.6															
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				
72	LM07-6	Timber Production	None	27.3	4.1	19.7	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2		
Total MU Area				27.3															
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				
1	LM07-1	Timber Production	Access County R	6.3	0.9	3.5	1.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0		
9	LM07-1	Timber Production	None	7.2	1.1	5.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0		
Total MU Area				13.5															
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				

