



Coillte Teoranta

# Forest Management Plan

Macnean East

CN01

2006 to 2010

District Manager

Eugene Griffin

District

N2



## Table of Contents

	Introduction
Table 1	Area by Objective
Table 2	Area by Special Consideration
Table 3	Area by Fell Year
Table 4	Area by Species Group
Table 5	Listing of Restocking MUs

Map 3.1 Location Map

Map 3.2 Clearfell Areas

Map 3.3 Thinning Areas

Map 3.4 Restocking Map



# Introduction

Forest: CN01 Macnean East  
District: N2 District Manager Eugene Griffin

Macnean East forest is situated in Co Cavan between Glenfarne and Blacklion bounded to the west by co Leitrim and by co Fermanagh to the North East. Lough Macnean upper and lower are the major waterways to the North and the source of river Shannon to the South. The forest is 585 ha in area consisting of ten properties of varying sizes.

The main soil type in Macnean East are peat and peaty gleys.

The main towns and villages located in the catchment area of Macnean East forest are Blacklion and Glenfarne village on co. boundary with Cavan.

The management focus for the forest is concerned with timber production, biodiversity, conservation, to continue with open forest policy and to manage the forest in accordance with sfm guide lines. To increase broadleaf planting in the next rotation.

111 ha to be clearfelled in the years 2006 to 2010 spread over six properties.

35000 m<sup>3</sup> of timber to be felled in the years 2006 to 2010

standard thin 138 ha, solitary 14 ha, two thin 66 ha, 3thin 25 ha, nothin 187 ha. It is envisaged that most areas would be standard in the next rotation as roading and access issues would be solved.

The forest contains 1 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:	CN01	Macnean East	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		420.7	71.9%
Biodiversity		136.3	23.3%
Conservation		18.9	3.2%
Non-forest Commercial		8.9	1.5%
<b>Total</b>		<b>584.7</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	CN01	Macnean East	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Access - Other		8.0	1.4%
Archaeology		173.1	29.6%
Expensive Access Road		6.0	1.0%
Fisheries Protection		14.8	2.5%
None		373.1	63.8%
Other Financial Partner		0.7	0.1%
Potential Sale		8.9	1.5%
<b>Total</b>		<b>584.7</b>	<b>100.0%</b>



**Table 3 Area by Fell Year**

**Forest:** CN01

Macnean East

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	62.3	
2007	59.9	
2008	0.0	
2009	18.0	
<b><u>5 Year Total and Average</u></b>	<b><u>140.2</u></b>	<b><u>20.03</u></b>
2010	0.0	
2011	0.0	
2012	24.2	
2013	0.0	
2014	12.5	
<b><u>5 Year Total and Average</u></b>	<b><u>36.6</u></b>	<b><u>5.23</u></b>
2015	16.8	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	0.0	
2019	0.7	
<b><u>5 Year Total and Average</u></b>	<b><u>17.6</u></b>	<b><u>2.51</u></b>
2020	53.4	
2021	11.5	
2022	0.0	
2023	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>64.9</u></b>	<b><u>10.82</u></b>

Table 4 Area by Species Group

Forest:	CN01	Macnean East	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	1.3	0.3
	ASH	0.1	0.0
	BE	6.1	1.2
	BI	4.5	0.9
	DF	0.8	0.2
	FIR	4.6	0.9
	LAR	19.7	3.9
	LP	107.4	21.4
	NS	13.8	2.8
	OAK	0.6	0.1
	OB	2.8	0.6
	OC	3.9	0.8
	OP	3.2	0.6
	SS	331.2	66.1
	WRC	1.2	0.2
		<b>501.1</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: CN01

Macnean East

<b>2006</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
69	CN01-5	Biodiversity	Archaeology	9.9	1.5	0.0	0.0	2.5	0.0	0.0	0.0	2.5	0.0	2.5	0.8	0.0	0.0		
71	CN01-6	Timber Production	Archaeology	50.2	7.5	17.1	17.1	0.0	4.3	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0		
72	CN01-6	Biodiversity	Fisheries Protect	2.2	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		
<b>Total MU Area</b>				<b>62.3</b>															
<b>2007</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
5	CN01-1	Timber Production	None	10.6	1.6	7.6	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0		
36	CN01-2	Timber Production	None	20.5	3.1	14.8	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
42	CN01-3	Biodiversity	Archaeology	27.4	5.5	0.0	0.0	10.9	0.0	0.0	0.0	6.6	0.0	0.0	4.4	0.0	0.0		
48	CN01-3	Timber Production	None	1.5	0.2	1.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
<b>Total MU Area</b>				<b>59.9</b>															



2009				MU Area (ha)	Area (ha)												
MU	Map Cutting	Objective	Special Considerations		Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
3	CN01-1	Timber Production	None	18.0	2.7	11.5	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
<b>Total MU Area</b>				<b>18.0</b>													

