



Coillte Teoranta

# Forest Management Plan

Castlegrove

GY01

2006 to 2010

District Manager

Gerry Gavin

District

W2



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# Introduction

Forest: GY01 Castlegrove  
District: W2 District Manager Gerry Gavin

Castlegrove forest is situated in North East Galway adjoining County Mayo and is part of East Galway-Roscommon District i.e. District W2. The topography of the forest is of a flat countryside. The main block making up the forest is Castlegrove Property itself, formerly the Castlegrove Estate. The ruins of the former Estate House are still evident. The remainder of the forest is made up seven smaller scattered plantations. The Clare river which is part of the Corrib system drains the area.

The soil type in the Forest is mainly fertile cut over peat, to some raised bog and gleys. A small amount of shallow brown earth exists on parts of the old estate.

The main towns and villages located in the catchment area of Castlegrove forest are Milltown is the main town within the forest catchment area with Tuam, Headford, Shrule, Dunmore and Ballindine are located on the fringes of the Forest.

The area of the Forest 227 Ha. The main focus of the Forest is timber production. The Forest is divided into 51 management units, forty four of which are managed for timber production the remainder for bio-diversity and conservation.

The table 2.4 shows the timber felling for the years outlined by area.

Some 17,000 cubic metres of clearfell are planned for the period up to the end of 2010.

76% of the conifer plantations will be thinned. 111 Ha will be thinned as standard with the remainder having a solitary to a three thin thing type. The 24% not been thinned is made up of pine and areas of spruce with poor access.

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**

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	212.3	93.4%
Biodiversity	14.7	6.5%
Conservation	0.3	0.1%
<b>Total</b>	<b>227.3</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>GY01</b>	<b>Castlegrove</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Access - Other		20.3	8.9%
Expensive Access Road		6.4	2.8%
Farm Partnership		25.4	11.2%
Legal		6.8	3.0%
None		64.4	28.3%
Old Woodland Site		104.0	45.8%
<b>Total</b>		<b>227.3</b>	<b>100.0%</b>



**Table 3 Area by Fell Year**

**Forest: GY01**

**Castlegrove**

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	12.8	
2007	1.9	
2008	20.3	
2009	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>35.0</u></b>	<b><u>5.00</u></b>
2010	14.8	
2011	0.0	
2012	0.0	
2013	0.0	
2014	1.8	
<b><u>5 Year Total and Average</u></b>	<b><u>16.6</u></b>	<b><u>2.37</u></b>
2015	1.6	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	0.0	
2019	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>1.6</u></b>	<b><u>0.26</u></b>
2020	0.0	
2021	0.0	
2022	0.0	
2023	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>0.0</u></b>	<b><u>0.00</u></b>

Table 4 Area by Species Group

Forest:	GY01	Castlegrove	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ASH	5.3	2.6
	BE	2.4	1.2
	BI	4.5	2.2
	LAR	6.7	3.3
	LP	31.6	15.6
	NS	1.1	0.5
	OAK	1.8	0.9
	OB	0.4	0.2
	OP	0.6	0.3
	SS	146.4	72.5
	WRC	1.3	0.6
		<b>202.0</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: GY01 Castlegrove

<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>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>	<b>Ald</b>	<b>OB</b>
11	GY01-3	Timber Production	None	5.0	1.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0
14	GY01-3	Timber Production	Old Woodland Si	1.4	0.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
12	GY01-4	Timber Production	Old Woodland Si	6.4	1.3	4.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
<b>Total MU Area</b>				<b>12.8</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>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>	<b>Ald</b>	<b>OB</b>
24	GY01-3	Timber Production	Old Woodland Si	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0
<b>Total MU Area</b>				<b>1.9</b>													
<b>2008</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>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>	<b>Ald</b>	<b>OB</b>
2	GY01-2	Timber Production	Access - Other	20.3	3.0	8.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
<b>Total MU Area</b>				<b>20.3</b>													
<b>2010</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>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>	<b>Ald</b>	<b>OB</b>



