



Coillte Teoranta

Forest Management Plan

Clonbrock

GY06

2006 to 2010

District Manager

Gerry Gavin

District

W2



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Introduction

Forest: GY06 Clonbrock
District: W2 District Manager Gerry Gavin

Clonbrock forest is situated in Clonbrock forest is located in east Galway on the Roscommon border. It is part of the East Galway-District, i.e. District W2. Of a general flat to low-lying terrain the area is drained by the Ahascragh and Suck rivers on the Shannon complex.

The main soil type in Clonbrock are Soil types present vary fertile mineral soils to peaty gley, with smaller percentages of deep peat and low-lying callow areas.

The main towns and villages located in the catchment area of Clonbrock forest are Ballygar in the north to Ballymacward in the south and Ballyforan to the east on the Suck are the main villages within the forest catchment area.

The management focus for the forest is concerned with The main management focus in the forest is timber production in highly productive properties making up 501.3 ha. The remaining 139 ha are dedicated to bio-diversity and conservation mainly on habitats and riparian zones.

Over a 20 year period from 2005, it is planned that 252.2 Ha will be clearfelled. This represents an average annual cut of 12.61 ha, a figure less than 2% of forest area been clearfelled annually.

In a 5 year period from 2005 the estimated timber volume been felled is 16,511 cubic metres. This averages at 347 M3 per ha.

75.8% of conifers in the forest will be thinned. 51.4% as standard, the remainder having a one-thin up to a 3 thin strategy. The 24.3 % of crops not been thinned consists mainly of Lodgepole pine.

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:	GY06	Clonbrock	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		501.3	78.3%
Biodiversity		108.5	17.0%
Conservation		30.1	4.7%
Total		639.9	100.0%



Table 2 Area by Special Consideration

Forest:	GY06	Clonbrock	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		0.3	0.0%
Farm Partnership		42.0	6.6%
Fisheries Protection		12.6	2.0%
Legal		2.3	0.4%
None		362.2	56.6%
Old Woodland Site		178.6	27.9%
ROW Problems		11.9	1.9%
Statutory Designation		30.1	4.7%
Total		639.9	100.0%



Table 3 Area by Fell Year

Forest: GY06

Clonbrock

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	11.3	
2008	0.0	
2009	33.9	
<u>5 Year Total and Average</u>	<u>45.2</u>	<u>7.53</u>
2010	7.6	
2011	3.7	
2012	3.0	
2013	23.9	
2014	12.2	
<u>5 Year Total and Average</u>	<u>50.5</u>	<u>5.05</u>
2015	17.7	
2016	0.0	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	16.8	
	2018	37.7	
	2019	0.0	
<u>5 Year Total and Average</u>		<u>72.2</u>	<u>9.03</u>
	2020	32.3	
	2021	8.4	
	2022	0.0	
	2023	3.1	
	2024	40.4	
<u>5 Year Total and Average</u>		<u>84.2</u>	<u>10.53</u>

Table 4 Area by Species Group

Forest:	GY06	Clonbrock	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	4.0	0.7
	ASH	13.1	2.2
	BE	2.0	0.3
	BI	9.8	1.6
	DF	9.9	1.6
	LAR	7.1	1.2
	LP	55.2	9.1
	NS	112.4	18.5
	OAK	6.8	1.1
	OB	18.5	3.0
	OC	0.3	0.0
	OP	1.9	0.3
	SS	365.2	60.1
	WRC	1.1	0.2
		607.4	100.0



Table 5 Listing of Restocking MUs

Forest: GY06 Clonbrock

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				
42	GY06-4	Timber Production	Old Woodland Si	11.3	1.1	7.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0		
Total MU Area				11.3															
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				
20	GY06-4	Timber Production	None	21.4	2.1	17.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0		
60	GY06-4	Biodiversity	Fisheries Protect	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0		
64	GY06-4	Biodiversity	None	0.6	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		
75	GY06-5	Timber Production	None	5.2	0.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
79	GY06-1,8	Timber Production	None	5.9	0.9	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				33.9															
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				

