



Coillte Teoranta

Forest Management Plan

Killure

GY07

2006 to 2010

District Manager

Gerry Gavin

District

W2



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Introduction

Forest: GY07 Killure
District: W2 District Manager Gerry Gavin

Killure forest is situated in south east Galway on the Roscommon border. It is part of East galway-roscommon District, I.E. District W2. The forest is made up a number of properties of varying sizes scattered over a flat to low-lying countryside drained by the river Suck on the Shannon complex.

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

The main towns and villages located in the catchment area of Killure forest are Ballinasloe town with Kilconnell and Ahascragh villages are 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 583.9 ha or 81.6% of land area. The remaining 121.4 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 171.6 Ha will be clearfelled. This represents an average annual cut of 8.58 ha, a figure slightly more than 1% of forest area been clearfelled annually.

In a 5 year period from 2005 the estimated timber volume been felled is 22,875 cubic metres. This averages at 421 M3 per ha.

95.7% of conifers in the forest will be thinned, 62.8% as standard, the remainder having a one-thin up to a 3 thin strategy. The 4.3% of crops, a lower than normal figure, not been thinned consists mainly of Lodgepole pine.

The forest contains 0 and 3 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	583.8	81.6%
Biodiversity	58.9	8.2%
Conservation	72.5	10.1%
Total	715.2	100.0%



Table 2 Area by Special Consideration

Forest:	GY07	Killure	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		2.7	0.4%
Farm Partnership		292.2	40.9%
IFUT		70.7	9.9%
None		241.6	33.8%
Old Woodland Site		18.2	2.6%
Recreation Site		0.8	0.1%
Statutory Designation		89.0	12.4%
Total		715.2	100.0%



Table 3 Area by Fell Year

Forest: GY07

Killure

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	44.2	
2007	0.0	
2008	21.2	
2009	20.9	
<u>5 Year Total and Average</u>	<u>86.2</u>	<u>12.32</u>
2010	23.5	
2011	0.0	
2012	50.5	
2013	12.3	
2014	0.7	
<u>5 Year Total and Average</u>	<u>86.9</u>	<u>9.66</u>
2015	6.1	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	19.6	
2019	0.0	
<u>5 Year Total and Average</u>	<u>25.7</u>	<u>3.67</u>
2020	3.1	
2021	0.0	
2022	0.0	
2023	0.0	
<u>5 Year Total and Average</u>	<u>3.1</u>	<u>0.61</u>

Table 4 Area by Species Group

Forest:	GY07	Killure	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	3.1	0.5
	ASH	37.4	5.5
	BE	6.9	1.0
	BI	7.8	1.2
	DF	1.1	0.2
	LAR	31.7	4.7
	LP	19.0	2.8
	NS	24.0	3.5
	OAK	4.6	0.7
	OB	19.9	2.9
	SS	522.0	77.0
		677.7	100.0



Table 5 Listing of Restocking MUs

Forest: GY07 Killure

2006																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
11	GY07-2	Timber Production	None	13.9	2.1	7.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
20	GY07-5	Timber Production	IFUT	30.3	3.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	
Total MU Area				44.2															
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				
7	GY07-1	Biodiversity	Old Woodland Si	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.3	
18	GY07-5	Timber Production	IFUT	20.2	2.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				21.2															
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				
13	GY07-2	Conservation	Statutory Designat	20.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	8.4	
Total MU Area				20.9															
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				

