



Coillte Teoranta

Forest Management Plan

Clonberne

GY02

2006 to 2010

District Manager

Gerry Gavin

District

W2



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: GY02 Clonberne
District: W2 District Manager Gerry Gavin

Clonberne forest is situated in Clonberne Forest is located in north -east Galway and is part of the East Galway-Roscommon District, I.e. District W2. The forest area of 762 ha is located in a number of properties scattered over the catchment area with two bigger properties like Cappagh-Cloonkeen north of Dunmore and an area south of Clonberne village. Rivers that serve the area are the Sinking, Yellow and grange, all part of the Corrib complex.

The main soil type in Clonberne are Mineral gleys, peaty gleys are the main soil types in the forest. Smaller tracts of raised bog, cutover peat and occasional areas of rock outcrop can also be found.

The main towns and villages located in the catchment area of Clonberne forest are Dunmore town is located to the north of the catchment area with Tuam on the fringe to the south -west.

The management focus for the forest is concerned with Timber production is the main object within the fores as the sites are fertile and due to the low topography is visually un abtrusive. A number of the Eskers and some of the raised bog sites as designated as NHAs. In these sites the management objective is to development suitable low impact silvicultural systems which are compatible with the habitate type in question.

Over the next 20 years the average area being clearfelled is quite stable at 13 ha per annum. This is under 2% of the overall forest area each year.

The expected clearfell production in the forest is almost 4,000 m3 over the next 5 years. This is an average of 310 m3 per ha.

The higher than average sites which are not being thinned are due to the presence of substantial areas of lodgepole pine on peat soils.

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:	GY02	Clonberne	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		660.3	86.7%
Biodiversity		31.6	4.1%
Conservation		70.0	9.2%
Total		761.9	100.0%



Table 2 Area by Special Consideration

Forest:	GY02	Clonberne	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		0.4	0.1%
Expensive Access Road		11.7	1.5%
Farm Partnership		102.2	13.4%
Fisheries Protection		3.6	0.5%
None		545.3	71.6%
Old Woodland Site		24.2	3.2%
ROW Problems		0.7	0.1%
Statutory Designation		73.8	9.7%
Total		761.9	100.0%



Table 3 Area by Fell Year

Forest: GY02

Clonberne

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	28.6	
2007	7.0	
2008	2.3	
2009	0.0	
<u>5 Year Total and Average</u>	<u>37.9</u>	<u>5.41</u>
2010	11.3	
2011	37.3	
2012	3.7	
2013	0.0	
2014	4.3	
<u>5 Year Total and Average</u>	<u>56.5</u>	<u>6.28</u>
2015	62.6	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.7	
2018	39.7	
2019	0.0	
<u>5 Year Total and Average</u>	<u>103.0</u>	<u>12.88</u>
2020	26.3	
2021	16.6	
2022	0.0	
2023	0.0	
2024	3.7	
<u>5 Year Total and Average</u>	<u>46.6</u>	<u>6.66</u>

Table 4 Area by Species Group

Forest:	GY02	Clonberne	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	6.7	0.9
	ASH	9.5	1.3
	BE	2.2	0.3
	BI	4.6	0.6
	LAR	26.5	3.6
	LP	255.3	35.1
	NS	9.2	1.3
	OAK	1.5	0.2
	OB	1.1	0.2
	OP	1.6	0.2
	SS	409.7	56.3
	WRC	0.2	0.0
		728.2	100.0



Table 5 Listing of Restocking MUs

Forest: GY02 Clonberne

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				
21	GY02-1	Timber Production	None	3.5	0.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0		
22	GY02-1	Conservation	Statutory Designat	8.4	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		
30	GY02-1	Timber Production	None	7.8	1.2	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
33	GY02-1	Conservation	Statutory Designat	2.9	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		
35	GY02-1	Conservation	Statutory Designat	5.9	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		
Total MU Area				28.6															
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	GY02-2	Biodiversity	Old Woodland Si	4.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	1.5	0.0		
100	GY02-10	Timber Production	None	2.9		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				7.0															



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				
25	RN06-2,13	Timber Production	None	2.3	0.5	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0		
Total MU Area				2.3															
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				
15	GY02-1	Timber Production	None	5.6	1.1	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0		
101	GY02-10	Timber Production	None	5.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				11.3															

