Forest Management Plan

Kilcornan

GY15

2006 to 2010

District Manager	District
Gerry Gavin	W2

Table of Contents

Introduction

Forest	GY15 Kilcornan
District	W2
District Manager	Gerry Gavin

Kilcornan forest is situated in Kilcornan forest which covers an area of 1110 Hectares is located in the south west of County Galway. It is made up of a number of large properties including Kilcornan,Derrydonnell, Dunsandle, Carnakelly, Moyode and Castletaylor as well as a number of smaller properties. The forest is quite variable in many respects. Soils in the west of the forest area are mainly fertile and shallow over Limestone rock. Further east around Carnakelly heavier soils and shallow peats predominate. There is a large population of people living in close proximity to the forest area which includes the fringes of Galway as well as the towns and villages of Oranmore, Athenry, Clarinbridge, Craughwell and Kilcolgan. A number of major roads including the N6 and N18 go through the forest area in addition to the new Galway - Dublin motorway and the Galway to Dublin railway line.

Timber production continues to be the main forest use being the primary objective on about 80% of the area with Biodiversity and recreational uses making up the bulk of the remainder. Part of Castletaylor property is included in a Special area of conservation known as the Castletaylor Complex. Most of the property is being converted to Broadleaves and Native woodlands through a variety of projects.

The principal River catchments in the forest are the Clarin and the Kilcolgan. The topography of the area is relatively flat and the forests in general fit in with and enhance the landscape of the area.

The main soil type in Kilcornan are

The main towns and villages located in the catchment area of Kilcornan forest are

The management focus for the forest is concerned with It is proposed to continue to manage the forest to maximise timber production on the areas primarily designated for timber production purposes. The clearfell management system will be the principal method of management in thes areas. Low impact silvicultural systems will be used mainly in areas where Biodiversity is the primary objective.

The forest contains 0 and 2 experiment plots. Proposed SPs (if any) containing either seedstands or experiment plots will be marked SD or EX as approperiate in tables 2.6 and 2.7

Table 1 - Area by Objective

Forest GY15 Kilcornan

OBJECTIVE	AREA (ha)	%
Timber Production	925.9	83.4%
Biodiversity	134.7	12.1%
Conservation	48.1	4.3%
Non-forest Commercial	1.5	0.1%
Total	**1,110.2**	**100.0%**

Table 2 - Area by Special Consideration

Forest GY15 Kilcornan

SPECIAL CONSIDERATION	AREA (ha)	%
Archaeology	1.4	0.1%
Experimentation	1.0	0.1%
Farm Partnership	21.9	2.0%
Fisheries Protection	11.3	1.0%
IFUT	263.0	23.7%
None	365.4	32.9%
Old Woodland Site	398.0	35.9%
Statutory Designation	48.1	4.3%
Total	**1,110.2**	**100.0%**

Table 3 - Area by Fell Year

Forest GY15 Kilcornan

FELL YEAR	AREA (ha)	ANNUAL AVERAGE
2006	0.0	
2007	40.0	
2008	23.1	
2009	74.5	
5 Year Total and Average	**137.6**	**34.4**
2010	125.3	
2011	29.7	
2012	26.1	
2013	33.3	
2014	6.7	
5 Year Total and Average	**221.1**	**44.2**
2015	35.8	
2016	0.0	
2017	25.1	
2018	29.3	
2019	0.0	
5 Year Total and Average	**90.2**	**18.0**

FELL YEAR	AREA (ha)	ANNUAL AVERAGE
2020	20.5	
2021	6.5	
2022	0.5	
2023	24.5	
2024	6.5	
5 Year Total and Average	**58.5**	**11.7**

Table 4 - Area by Species Group

Forest GY15 Kilcornan

SPECIES GROUP	AREA (ha)	%
ALD	4.5	0.4%
ASH	49.1	4.6%
BE	108.7	10.2%
BI	18.1	1.7%
DF	30.0	2.8%
FIR	47.8	4.5%
LAR	44.0	4.1%
LP	17.5	1.6%
NS	239.6	22.6%
OAK	5.7	0.5%
OB	7.5	0.7%
OC	5.8	0.5%
OP	37.2	3.5%
SS	445.0	41.9%
WRC	2.0	0.2%
Total	**1,062.3**	**100.0**

Table 5 - Listing of Restocking MUs

Forest GY15 Kilcornan

2007

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)											
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
43	GY15-5	Timber Production	IFUT	15.9	1.6	13.6	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	GY15-5	Timber Production	None	3.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	GY15-7	Timber Production	Old Woodland Si	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
63	GY15-7	Timber Production	None	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0
85	GY15-11	Timber Production	IFUT	2.0	0.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
139	GY15-13	Biodiversity	None	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.2	0.2
140	GY15-13	Biodiversity	Old Woodland Si	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.1	0.1
151	GY15-14	Biodiversity	Old Woodland Si	6.5	1.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	1.4	3.3	0.0	0.0	1.1
153	GY15-14	Biodiversity	Old Woodland Si	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.3	0.3	0.6
156	GY15-14	Timber Production	None	4.0	0.6	3.4	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	**40.0**													

2008

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)											
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
172	GY15-5	Timber Production	None	21.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81	GY15-8	Timber Production	None	1.5	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
			Total MU Area	**23.1**													

2009

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)											
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
48	GY15-5	Timber Production	IFUT	25.0	2.5	21.4	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62	GY15-7	Timber Production	None	5.3	0.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	GY15-7	Timber Production	Old Woodland Si	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
82	GY15-8	Timber Production	None	7.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.3	0.0	0.0	0.3
162	GY15-9	Conservation	Statutory Designat	19.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0	4.9
47	GY15-11	Timber Production	None	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.6
54	GY15-11	Timber Production	None	4.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.6	0.4	0.0	0.8
60	GY15-11	Timber Production	Old Woodland Si	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	0.0	0.4

103	GY15-11	Timber Production	Old Woodland Si	6.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.1	0.5	0.0	1.3

Total MU Area **74.5**

2010

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
34	GY15-3	Timber Production	None	2.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.4	0.4	0.2	0.0	0.0
37	GY15-3	Timber Production	Old Woodland Si	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.2	0.2	0.0	0.0
38	GY15-4	Timber Production	None	7.9	1.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	GY15-4	Biodiversity	None	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
40	GY15-4	Biodiversity	Old Woodland Si	10.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	7.7	0.0	0.0	0.0
49	GY15-5	Timber Production	IFUT	16.8	1.7	14.4	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57	GY15-6	Timber Production	IFUT	12.8	1.3	9.8	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
71	GY15-7	Timber Production	Old Woodland Si	12.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	5.2	0.0	0.0	2.1
78	GY15-7	Timber Production	Old Woodland Si	10.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	6.4	0.0	0.0	0.9
79	GY15-7	Timber Production	Old Woodland Si	3.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.0	0.0	0.0	0.3
102	GY15-11	Timber Production	Old Woodland Si	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.1	0.0	0.9

101	GY15-12	Timber Production	None	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.2
107	GY15-12	Timber Production	Old Woodland Si	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.2
108	GY15-12	Timber Production	IFUT	2.7	0.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
113	GY15-12	Timber Production	IFUT	4.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.1	0.0	0.0	0.4
124	GY15-13	Biodiversity	Old Woodland Si	4.3	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
125	GY15-13	Biodiversity	Fisheries Protect	6.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0
133	GY15-13	Biodiversity	Old Woodland Si	11.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	3.1	0.0
134	GY15-13	Timber Production	Old Woodland Si	11.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	3.0	0.0
			Total MU Area	**125.3**													