



Coillte Teoranta

# Forest Management Plan

Peterswell

GY12

2006 to 2010

District Manager

Joe Duffy

District

W1



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# Introduction

Forest: GY12 Peterswell  
District: W1 District Manager Joe Duffy

Peterswell forest is situated in south-east Galway between Gort and Loughrea. Main river catchments are the Boleyneendorrish and Owenglanna rivers.

The main soil type in Peterswell are gley, peaty gley and blanket peat.

The main towns and villages located in the catchment area of Peterswell forest are Peterswell & Castledaly.

The management focus for the forest is concerned with timber production. The forest is situated on the western side of the Slieve Aughty's and is reasonably fertile for timber production. The management objective is to develop suitable low impact silvicultural systems compatible with the local habitat.

Over the next 20 years the average area for clearfell will amount to 19ha per annum. This amounts to 0.75% of the estate each year.

The expected clearfell production in the forest will realise 62,800m<sup>3</sup> between 2005-2010 inclusive. This is an average of 430m<sup>3</sup> per hectare.

1,263 hectares are categorised as 'standard thin' (62.5%), only 13.7% is categorised as 'no thin'.

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 appropriate in tables 2.6 and 2.7



**Table 1 Area by Objective**

Forest:	GY12	Peterswell	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		2,399.1	95.2%
Biodiversity		121.5	4.8%
<b>Total</b>		<b>2,520.6</b>	<b>100.0%</b>



Table 2 Area by Special Consideration

Forest:	GY12	Peterswell	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Experimentation		7.6	0.3%
Fisheries Protection		3.2	0.1%
IFUT		47.8	1.9%
Legal		22.8	0.9%
None		2,344.8	93.0%
Old Woodland Site		94.4	3.7%
<hr/> <b>Total</b>		<hr/> <b>2,520.6</b>	<hr/> <b>100.0%</b>



Table 3 Area by Fell Year

Forest: GY12

Peterswell

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	56.7	
2007	41.4	
2008	36.9	
2009	11.2	
<b><u>5 Year Total and Average</u></b>	<b><u>146.2</u></b>	<b><u>18.27</u></b>
2010	24.5	
2011	22.4	
2012	18.8	
2013	0.0	
2014	6.7	
<b><u>5 Year Total and Average</u></b>	<b><u>72.4</u></b>	<b><u>8.04</u></b>
2015	5.9	
2016	6.1	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	28.6	
	2018	18.0	
	2019	17.5	
<u>5 Year Total and Average</u>		<u>76.1</u>	<u>7.61</u>
	2020	4.7	
	2021	25.3	
	2022	8.5	
	2023	14.9	
	2024	21.2	
<u>5 Year Total and Average</u>		<u>74.7</u>	<u>8.30</u>

**Table 4 Area by Species Group**

Forest:	GY12	Peterswell	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	19.8	0.9
	ASH	0.8	0.0
	BE	0.8	0.0
	BI	29.4	1.3
	FIR	1.0	0.0
	LAR	103.0	4.5
	LP	206.7	9.1
	NS	10.1	0.4
	OAK	5.1	0.2
	OB	6.4	0.3
	OC	0.7	0.0
	SS	1,881.8	82.7
	WRC	10.3	0.5
		<b>2,276.0</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: GY12 Peterswell

2006 MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
800	GY12-2	Timber Production	None	5.7	0.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
2	GY12-5	Timber Production	None	10.8	2.2	7.8	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101	GY12-5	Timber Production	None	5.0	0.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	GY12-7	Timber Production	IFUT	16.2	2.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
21	GY12-7	Timber Production	IFUT	11.0	1.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	GY12-7	Timber Production	IFUT	4.7	0.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197	GY12-7	Biodiversity	None	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198	GY12-7	Biodiversity	None	1.1	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
335	GY12-7	Biodiversity	None	0.8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total MU Area</b>				<b>56.7</b>													





