



Coillte Teoranta

# Forest Management Plan

Derrybrien

GY11

2006 to 2010

District Manager

Joe Duffy

District

W1



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# Introduction

Forest: GY11 Derrybrien  
District: W1 District Manager Joe Duffy

Derrybrien forest is situated in south-east Galway, located south of Loughrea in the Slieve Aughty hills. The forest is drained by the Owenendalulleagh, Derrywee, Boleyneendorrish and Owenaglanna rivers.

The main soil type in Derrybrien are peaty gley, gley and podsol.

The main towns and villages located in the catchment area of Derrybrien forest are Derrybrien, Loughrea, Kylebrack, Kilbeacanty.

The management focus for the forest is concerned with timber production. Sites are reasonably fertile with a heavy density of afforestation. The management objective is to develop low impact silvicultural systems compatible with local habitats.

Over the next 20 years the average area clearfelled will amount to 130 per annum. This equates to 1.66% of the estate area.

The expected clearfell production will be 240K m<sup>3</sup>, this is an average of 380m<sup>3</sup> per hectare.

A total of 2,361 hectares will be thinned as 'standard' (35.6%). 2,368 hectares are categorised as 'no thin' or 'solitary thin' amounting to 49%. This is due mainly to pine crops, unstable sites and poor quality low yield class SS stands.

The forest contains 1 and 12 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:	GY11	Derrybrien	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		7,315.9	93.4%
Biodiversity		450.1	5.7%
Non-forest Commercial		60.6	0.8%
Seed Stand		6.6	0.1%
<b>Total</b>		<b>7,833.1</b>	<b>100.0%</b>

**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>GY11</b>	<b>Derrybrien</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Access - Other		27.0	0.3%
Experimentation		12.6	0.2%
Farm Partnership		34.3	0.4%
Fisheries Protection		46.1	0.6%
IFUT		89.9	1.1%
Legal		172.0	2.2%
None		7,003.0	89.4%
Old Woodland Site		382.8	4.9%
Other Financial Partner		60.3	0.8%
Statutory Designation		5.2	0.1%
<b>Total</b>		<b>7,833.1</b>	<b>100.0%</b>



**Table 3 Area by Fell Year**

**Forest: GY11**

**Derrybrien**

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	151.9	
2007	135.2	
2008	102.7	
2009	156.7	
<b><u>5 Year Total and Average</u></b>	<b><u>546.6</u></b>	<b><u>68.32</u></b>
2010	155.6	
2011	191.3	
2012	104.2	
2013	350.1	
2014	226.8	
<b><u>5 Year Total and Average</u></b>	<b><u>1,028.0</u></b>	<b><u>102.80</u></b>
2015	181.8	
2016	50.1	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	143.4	
2018	147.5	
2019	48.6	
<b><u>5 Year Total and Average</u></b>	<b><u>571.4</u></b>	<b><u>57.14</u></b>
2020	98.4	
2021	68.5	
2022	64.8	
2023	44.8	
2024	91.8	
<b><u>5 Year Total and Average</u></b>	<b><u>368.2</u></b>	<b><u>40.91</u></b>

**Table 4 Area by Species Group**

Forest:	GY11	Derrybrien	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	20.7	0.3
	ASH	4.7	0.1
	BE	9.2	0.1
	BI	23.3	0.3
	DF	1.5	0.0
	FIR	3.3	0.0
	LAR	135.2	1.9
	LP	1,494.8	21.4
	NS	49.0	0.7
	OAK	16.3	0.2
	OB	11.1	0.2
	OC	12.1	0.2
	OP	46.5	0.7
	SS	5,157.6	73.8
	WRC	0.1	0.0
		<b>6,985.5</b>	<b>100.0</b>











325	GY11-16	Timber Production	None	8.2	1.1	5.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
244	GY11-17	Timber Production	None	11.4	1.7	8.7	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
292	GY11-19	Timber Production	None	7.4	1.1	5.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
31	GY11-25	Timber Production	None	8.8	1.3	7.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
633	GY11-26	Timber Production	None	15.9	1.4	7.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
304	GY11-30	Timber Production	None	32.0	4.8	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
758	GY11-30	Timber Production	None	6.3	1.3	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
767	GY11-30	Timber Production	None	3.8	0.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276	GY11-31	Timber Production	None	17.2	2.6	13.9	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107	GY11-33	Timber Production	None	5.7	0.9	4.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85	GY11-34	Timber Production	None	19.5	1.9	9.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0

**Total MU Area 156.7**

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



