



Coillte Teoranta

# Forest Management Plan

Barnaderg

MO33

2006 to 2010

District Manager

Myles MacDonncadha

District

W3



## 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: MO33 Barnaderg  
District: W3 District Manager Myles MacDonncadha

Barnaderg forest is situated in This forest is situated in the Sheffery Mountain range. It comprises the old properties of Barnaderg, Derrintin, Tawnyard, Cuilmore, Aillebaun, Tawnylinnaun, Leenavesta, Letterass, Srahatloe

The main soil type in Barnaderg are The main soil type is shallow peat overlying mineral. Leenavesta is mainly deep peat

The main towns and villages located in the catchment area of Barnaderg forest are Drummin village and Leenaun

The management focus for the forest is concerned with Timber production taking into consideration the sensitivity of the landscape and fisheries considerations

The total fell are from 2006 to 2010 = 131.1 ha

These include the properties of Barnaderg, Leenaveesta, Cuilmore.

Presently there is an access problem associated with Leenavesta property and Cuilmore property which will have to be resolved.

The total volume to be felled in MO33 for period 1006 - 1010 = 28,3242m<sup>3</sup>

All of these areas are adjacent to or within SACs or NHAs or both.

No thinnings in this forest due to exposure and soil type.

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:	MO33	Barnaderg	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		638.6	77.0%
Biodiversity		182.8	22.0%
Conservation		6.1	0.7%
Non-forest Commercial		0.6	0.1%
Recreation		1.4	0.2%
<b>Total</b>		<b>829.6</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>MO33</b>	<b>Barnaderg</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Disease Affecting Crop		0.9	0.1%
Fisheries Protection		87.1	10.5%
High Landscape Sensitivity		13.1	1.6%
Legal		10.2	1.2%
Long-term Leased		0.6	0.1%
None		478.8	57.7%
Statutory Designation		239.0	28.8%
<b>Total</b>		<b>829.6</b>	<b>100.0%</b>



Table 3 Area by Fell Year

Forest: MO33

Barnaderg

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	30.2	
2007	66.3	
2008	0.0	
2009	34.5	
<b><u>5 Year Total and Average</u></b>	<b><u>131.0</u></b>	<b><u>18.71</u></b>
2010	0.0	
2011	43.4	
2012	43.3	
2013	0.0	
2014	23.0	
<b><u>5 Year Total and Average</u></b>	<b><u>109.7</u></b>	<b><u>13.72</u></b>
2015	33.3	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	33.8	
2019	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>67.1</u></b>	<b><u>9.58</u></b>
2020	0.0	
2021	52.7	
2022	4.8	
2023	36.1	
<b><u>5 Year Total and Average</u></b>	<b><u>93.5</u></b>	<b><u>13.36</u></b>

Table 4 Area by Species Group

Forest:	MO33	Barnaderg	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	0.6	0.1
	BI	2.7	0.4
	LAR	6.1	0.9
	LP	513.0	79.9
	OB	0.0	0.0
	OC	0.5	0.1
	SS	118.8	18.5
		<b>641.7</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: MO33 Barnaderg

<b>2006</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
5	MO33-6	Biodiversity	Fisheries Protect	2.7	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	0.0	
19	MO33-6	Timber Production	None	15.7	3.1	5.6	5.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	
20	MO33-6	Timber Production	None	11.8	1.8	4.5	4.5	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	
<b>Total MU Area</b>				<b>30.2</b>															
<b>2007</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
14	MO33-1	Timber Production	Statutory Designat	25.4	5.1	0.0	16.2	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
24	MO33-1	Timber Production	Statutory Designat	36.0	5.4	0.0	24.5	0.0	3.1	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	
49	MO33-1	Biodiversity	Fisheries Protect	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	0.0	0.0	
<b>Total MU Area</b>				<b>66.3</b>															
<b>2009</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				



