



Coillte Teoranta

Forest Management Plan

Ballycrystal

WX04

2006 to 2010

District Manager

Michael Power

District

E2



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Introduction

Forest: WX04 Ballycrystal
District: E2 District Manager Michael Power

Ballycrystal forest is situated in is located in county Wexford. The majority of this Forest is located on the western side of the Blackstairs mountains, stretching from Clonegal in the North, south westwards towards New Ross.

The main soil type in Ballycrystal are mostly Peaty Podsols at high elevations with Brown Podsolics and Acid Brown Earths at lower elevations.

The main towns and villages located in the catchment area of Ballycrystal forest are Bunclody on its North Eastern Boundary and Killealy Village on its Eastern Boundary.

The management focus for the forest is concerned with production of high quality sawlogs and the protection and enhancement of biodiversity in the area. Riparian zones have been identified along the rivers and streams and will be cleared as the current crops become mature. The riparian zones will be regenerated with suitable species. There is a large percentage of Biodiversity in this Forest 27.6% which is primarily made up of the bare unplatable areas of the Bantry commons and low yield class and undeveloped ground along the top of the White Mountain.

The forest contains 0 and 4 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

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	1,578.9	73.5%
Biodiversity	568.4	26.5%
Total	2,147.2	100.0%



Table 2 Area by Special Consideration

Forest:	WX04	Ballycrystal	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Farm Partnership		16.0	0.7%
Fisheries Protection		27.1	1.3%
IFUT		107.8	5.0%
Legal		2.0	0.1%
None		1,447.6	67.4%
Old Woodland Site		100.1	4.7%
Statutory Designation		417.9	19.5%
Wildlife		28.8	1.3%
Total		2,147.2	100.0%



Table 3 Area by Fell Year

Forest: WX04

Ballycrystal

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	166.5	
2007	36.0	
2008	17.9	
2009	58.4	
<u>5 Year Total and Average</u>	<u>278.8</u>	<u>34.85</u>
2010	0.0	
2011	10.1	
2012	19.9	
2013	57.0	
2014	58.1	
<u>5 Year Total and Average</u>	<u>145.1</u>	<u>16.12</u>
2015	76.4	
2016	58.9	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	21.2	
2018	56.0	
2019	140.8	
<u>5 Year Total and Average</u>	<u>353.1</u>	<u>35.31</u>
2020	47.0	
2021	60.6	
2022	76.9	
2023	32.7	
2024	113.8	
<u>5 Year Total and Average</u>	<u>330.9</u>	<u>36.76</u>

Table 4 Area by Species Group

Forest:	WX04	Ballycrystal	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	1.1	0.1
	ASH	0.2	0.0
	BE	10.7	0.6
	BI	3.8	0.2
	DF	75.8	4.4
	FIR	27.2	1.6
	LAR	96.5	5.7
	LP	244.3	14.3
	NS	4.1	0.2
	OAK	6.9	0.4
	OB	4.7	0.3
	OC	6.9	0.4
	OP	16.7	1.0
	SS	1,203.0	70.5
	WRC	4.0	0.2
		1,705.8	100.0



Table 5 Listing of Restocking MUs

Forest: WX04 Ballycrystal

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
158	WX04-1	Timber Production	None	13.9	4.2	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	WX04-2	Timber Production	None	23.7	2.4	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0
36	WX04-2	Timber Production	None	3.3	0.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	WX04-2	Biodiversity	None	34.7	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
52	WX04-3	Timber Production	None	38.7	11.6	13.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
29	WX04-6	Timber Production	None	7.1	0.7	5.1	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	WX04-6	Timber Production	None	6.6	0.7	4.7	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66	WX04-6	Timber Production	None	15.3	1.5	11.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	WX04-9	Timber Production	None	14.2	1.4	10.2	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124	WX04-9	Biodiversity	Fisheries Protect	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2



160	WX04-11	Timber Production	None	7.9	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
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Total MU Area 166.5

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

35	WX04-2	Timber Production	None	0.6	0.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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59	WX04-6	Timber Production	IFUT	12.2	1.8	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
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90	WX04-14	Timber Production	None	23.2	2.3	16.7	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0
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Total MU Area 36.0

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

129	WX04-11	Timber Production	None	8.0	1.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0
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96	WX04-12	Timber Production	None	9.9	3.0	5.5	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Total MU Area 17.9

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

142	WX04-4	Biodiversity	Old Woodland Si	19.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	2.8	2.8	0.0	1.4
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