



Coillte Teoranta

Forest Management Plan

Ballyduff

WD09

2006 to 2010

District Manager

Liam Cleary

District

S1



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Introduction

Forest: WD09 Ballyduff
District: S1 District Manager Liam Cleary

Ballyduff forest is situated in in West Waterford and the boundary of the forest are the Cork and Tipperary borders. The Blackwater rivers forms the southern boundary of the forests. There are no major mountain ranges in the area.

The main soil type in Ballyduff are peaty podsols and brown earth podsols on the lower slopes.

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

The management focus for the forest is concerned with timber production although there are biodiversity areas within the forest.

2006 - 30.9 ha, 2007 - 24.9 ha, 2008 - 51.5 ha, 2009 - 41.2 ha

2006 - 10474 m³, 2007 - 4993 m³, 2008 - 16369 m³, 2009 - 17472 m³, 2010 - 18504 m³

Standard - 68.6%, Local -15.6%, 3 Thinnings - 4.3%, 2 Thinnings -1.2%, Solitary Thin - 5.2%, No Thin 5.1%

The forest contains 2 and 3 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:	WD09	Ballyduff	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		820.8	85.0%
Biodiversity		144.9	15.0%
Total		965.7	100.0%



Table 2 Area by Special Consideration

Forest:	WD09	Ballyduff	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Experimentation		6.4	0.7%
IFUT		66.9	6.9%
Legal		1.0	0.1%
None		874.4	90.5%
Statutory Designation		17.0	1.8%
Total		965.7	100.0%



Table 3 Area by Fell Year

Forest: WD09

Ballyduff

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	12.0	
2007	66.1	
2008	37.2	
2009	47.1	
<u>5 Year Total and Average</u>	<u>162.3</u>	<u>20.29</u>
2010	61.4	
2011	9.0	
2012	53.4	
2013	0.0	
2014	0.0	
<u>5 Year Total and Average</u>	<u>123.8</u>	<u>15.48</u>
2015	7.3	
2016	18.3	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	10.4	
2019	0.0	
<u>5 Year Total and Average</u>	<u>36.1</u>	<u>4.51</u>
2020	47.2	
2021	32.6	
2022	10.3	
2023	10.7	
<u>5 Year Total and Average</u>	<u>100.8</u>	<u>12.60</u>

Table 4 Area by Species Group

Forest:	WD09	Ballyduff	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	0.2	0.0
	ASH	1.4	0.2
	BE	3.0	0.3
	BI	1.5	0.2
	DF	56.8	6.0
	FIR	32.2	3.4
	LAR	71.7	7.5
	LP	132.3	13.9
	NS	30.8	3.2
	OAK	2.4	0.3
	OB	7.9	0.8
	OP	0.4	0.0
	SS	603.5	63.5
	WRC	6.8	0.7
		950.9	100.0



Table 5 Listing of Restocking MUs

Forest: WD09 Ballyduff

2006				MU Area (ha)	Area (ha)												
MU	Map Cutting	Objective	Special Considerations		Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
181	WD09-1	Timber Production	None	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0
42	WD09-6	Timber Production	None	0.9	0.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	WD09-9	Timber Production	None	5.5	0.6	4.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	WD09-9	Timber Production	None	3.5	0.4	3.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total MU Area				12.0													
2007				MU Area (ha)	Area (ha)												
MU	Map Cutting	Objective	Special Considerations		Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
46	WD09-1	Timber Production	None	9.7	1.0	7.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	WD09-1	Timber Production	None	11.4	1.1	9.3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	WD09-5	Timber Production	IFUT	13.9	1.4	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	WD09-5	Biodiversity	None	12.9	1.3	0.0	0.0	0.0	0.0	0.0	7.0	0.0	3.5	1.2	0.0	0.0	



48	WD09-5	Biodiversity	None	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.2	0.1	0.0	0.0
51	WD09-5	Timber Production	None	3.8	0.4	3.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	WD09-8	Biodiversity	None	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.7	0.2	0.0	0.0
55	WD09-8	Timber Production	None	10.6	1.1	9.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 66.1

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	
49	WD09-1	Timber Production	None	4.2	0.4	2.6	0.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	WD09-5	Timber Production	IFUT	15.8	1.6	9.9	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50	WD09-5	Timber Production	IFUT	6.8	0.7	5.8	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
52	WD09-7	Timber Production	None	6.7	0.7	5.7	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
63	WD09-8	Timber Production	None	3.7	0.4	3.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Total MU Area 37.2

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	



65	WD09-9	Timber Production	None	16.7	1.7	9.0	5.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			Total MU Area	61.4														