



Coillte Teoranta

# Forest Management Plan

Avondale

WW12

2006 to 2010

District Manager

Tom Lyng

District

E1



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# Introduction

Forest: WW12 Avondale  
District: E1 District Manager Tom Lyng

Avondale forest is situated in This forest is situated to the south of Wicklow county beside Rathdrum town and comprises almost exclusively of the original experimental forest plots planted from 1906 onwards.

The main soil type in Avondale are Main soil type is brown earth

The main towns and villages located in the catchment area of Avondale forest are Avondale is just 2 miles from Rathdrum town to the north and Avoca village to the South and is beside the Meetings of the Waters.

The management focus for the forest is concerned with Management focus will be different to normal forestry because of the experimental plots ,variety of species,historical connotations.The forest is managed as a Forest Park and its proximity to Dublin and large number of visitors have to be taken into consideration.

The forest contains 3 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:	WW12	Avondale
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		77.2	60.4%
Biodiversity		50.6	39.6%
<b>Total</b>		<b>127.8</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>WW12</b>	<b>Avondale</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
None		75.8	59.3%
Recreation Site		52.0	40.7%
<b>Total</b>		<b>127.8</b>	<b>100.0%</b>



Table 3 Area by Fell Year

Forest: WW12

Avondale

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	1.1	
2008	0.0	
2009	5.6	
<b><u>5 Year Total and Average</u></b>	<b><u>6.7</u></b>	<b><u>1.11</u></b>
2010	6.9	
2011	1.8	
2012	0.0	
2013	6.0	
2014	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>14.7</u></b>	<b><u>1.84</u></b>
2015	0.0	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	0.0	
2019	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>0.0</u></b>	<b><u>0.00</u></b>
2020	34.6	
2021	0.0	
2022	0.0	
2023	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>34.6</u></b>	<b><u>6.92</u></b>

Table 4 Area by Species Group

Forest:	WW12	Avondale	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	0.2	0.1
	ASH	4.5	4.2
	BE	6.8	6.3
	BI	0.1	0.0
	DF	14.8	13.7
	FIR	10.3	9.6
	LAR	21.0	19.4
	LP	0.5	0.5
	NS	6.9	6.4
	OAK	4.5	4.2
	OB	9.8	9.1
	OC	10.1	9.4
	OP	2.9	2.7
	SS	4.0	3.7
	WRC	11.6	10.8
		<b>107.9</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: WW12 Avondale

<b>2007</b>				<b>MU Area (ha)</b>	<b>Area (ha)</b>												
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>		<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>	<b>Ald</b>	<b>OB</b>
10	WW12-1	Timber Production	None	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5
<b>Total MU Area</b>				<b>1.1</b>													
<b>2009</b>				<b>MU Area (ha)</b>	<b>Area (ha)</b>												
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>		<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>	<b>Ald</b>	<b>OB</b>
5	WW12-1	Timber Production	None	5.6	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>5.6</b>													
<b>2010</b>				<b>MU Area (ha)</b>	<b>Area (ha)</b>												
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>		<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>	<b>Ald</b>	<b>OB</b>
4	WW12-1	Timber Production	None	6.9	1.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	2.9
<b>Total MU Area</b>				<b>6.9</b>													



