



Coillte Teoranta

Forest Management Plan

Dungarvan

WD06

2006 to 2010

District Manager

Liam Cleary

District

S1



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: WD06 Dungarvan
District: S1 District Manager Liam Cleary

Dungarvan forest is situated in Mid-West County Waterford. The forest is mainly an area of drumhills. The rivers Cooligan and Licky flow through the forest. The western boundary of the forest is the Balckwater river.

The main soil type in Dungarvan are Pod sols on the undulating hills with gleys nearer to the coast.

The main towns and villages located in the catchment area of Dungarvan forest are Dungarvan, Clashmore, Ardmore and Villierstown. The forest does encompass the Gaeltacht area of An Rinn.

The management focus for the forest is concerned with timber production although there are amenity areas and archaeological sites in the forest. There is fresh water pearl mussel population in the Licky/Blackwater rivers. Some forest areas form part of SACs.

2006 - 217.8 ha, 2007 - 281.4 ha, 2008 - 225.6 ha, 2009 - 41 ha

2006 - 39867 m³, 2007 - 16460 m³, 2008 - 32906 m³, 2009 - 15335 m³, 2010 - 37512 m³

Standard - 76.2%, Local -16.8%, 3 Thinnings - 2.2%, 2 Thinnings -1.8%, Solitary Thin -1.8%, No Thin 1.2%

The forest contains 4 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

Forest:	WD06	Dungarvan	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		2,976.7	81.7%
Biodiversity		584.9	16.0%
Non-forest Commercial		79.4	2.2%
Christmas Tree Production		4.4	0.1%
Total		3,645.4	100.0%

Table 2 Area by Special Consideration

Forest:	WD06	Dungarvan	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		85.8	2.4%
Experimentation		2.1	0.1%
Farm Partnership		170.9	4.7%
IFUT		389.2	10.7%
Legal		6.4	0.2%
NWS		5.2	0.1%
None		2,418.3	66.3%
Old Woodland Site		449.7	12.3%
Potential Sale		79.4	2.2%
Statutory Designation		38.2	1.0%
Total		3,645.4	100.0%



Table 3 Area by Fell Year

Forest: WD06

Dungarvan

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	338.8	
2007	119.3	
2008	226.0	
2009	61.1	
<u>5 Year Total and Average</u>	<u>745.3</u>	<u>93.16</u>
2010	79.6	
2011	84.9	
2012	47.3	
2013	22.3	
2014	61.5	
<u>5 Year Total and Average</u>	<u>295.6</u>	<u>29.56</u>
2015	143.0	
2016	20.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	11.6	
2018	27.5	
2019	9.7	
<u>5 Year Total and Average</u>	<u>211.8</u>	<u>21.18</u>
2020	49.0	
2021	9.2	
2022	15.4	
2023	57.5	
2024	56.7	
<u>5 Year Total and Average</u>	<u>187.9</u>	<u>20.87</u>

Table 4 Area by Species Group

Forest:	WD06	Dungarvan	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	24.5	0.7
	ASH	11.0	0.3
	BE	64.4	1.8
	BI	22.5	0.6
	DF	169.1	4.7
	FIR	53.3	1.5
	LAR	234.3	6.6
	LP	244.2	6.8
	NS	157.7	4.4
	OAK	56.7	1.6
	OB	55.2	1.5
	OC	1.4	0.0
	OP	21.4	0.6
	SS	2,439.7	68.3
	WRC	17.5	0.5
		3,573.1	100.0



Table 5 Listing of Restocking MUs

Forest: WD06 Dungarvan

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
4	WD06-3	Biodiversity	None	18.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	0.0	0.0
68	WD06-3	Timber Production	None	2.5	0.4	2.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
853	WD06-3	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
27	WD06-4	Timber Production	IFUT	11.7	1.8	8.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	WD06-4	Biodiversity	Old Woodland Si	4.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	13.9	4.6	13.9	13.9	0.0	0.0
52	WD06-4	Timber Production	IFUT	14.5	1.5	9.1	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0
29	WD06-6	Timber Production	None	7.5	0.8	6.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	WD06-7	Biodiversity	Old Woodland Si	198.4	19.8	0.0	0.0	0.0	0.0	0.0	0.0	125.0	0.0	17.9	17.9	17.9	0.0
35	WD06-7	Timber Production	Old Woodland Si	5.7	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
30	WD06-8	Biodiversity	None	22.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	13.0	2.2	4.3	0.0	2.2	0.0



43	WD06-4	Timber Production	None	4.8	0.7	1.2	0.0	0.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204	WD06-15	Timber Production	None	6.3	0.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210	WD06-15	Timber Production	None	6.6	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
245	WD06-16	Timber Production	None	4.6	0.7	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360	WD06-17	Biodiversity	Statutory Designat	4.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	4.5	2.2	0.0
854	WD06-17	Timber Production	None	11.9		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255	WD06-18	Timber Production	None	11.6	1.7	9.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258	WD06-18	Timber Production	None	13.8	2.1	10.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
291	WD06-19	Timber Production	None	24.4	5.4	29.3	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
312	WD06-20	Timber Production	None	15.2	2.3	9.7	0.0	1.3	1.3	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0

Total MU Area 119.3

2008																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI			
85	WD06-9	Biodiversity	None	18.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	2.3	0.0	2.3	0.0	



314	WD06-21	Timber Production	None	9.3	1.4	7.1	0.0	0.0	0.8	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 61.1

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	
12	WD06-3	Timber Production	None	0.8	0.1	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
38	WD06-4	Timber Production	None	7.9	0.8	5.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109	WD06-10	Timber Production	IFUT	24.3	1.2	21.9	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
410	WD06-10	Timber Production	IFUT	22.7	3.4	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
277	WD06-17	Timber Production	None	6.6	1.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
463	WD06-17	Biodiversity	Statutory Designat	4.9		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
297	WD06-19	Timber Production	None	11.5	1.7	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326	WD06-21	Timber Production	Experimentation	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	0.0
Total MU Area				79.6														