



Coillte Teoranta

Forest Management Plan

Ballynafid

WH02

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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: WH02 Ballynafid
District: N3 District Manager PJ Fitzpatrick

Ballynafid forest is situated in north west Co. Westmeath. The topography is mainly low lying. Lough Owel is the main lake in this forest. The Royal Canal flows through this forest.

The main soil type in Ballynafid are raised peat and brown earths.

The main towns and villages located in the catchment area of Ballynafid forest are Rathowen, Ballynacarrigy.

The management focus for the forest is concerned with timber production and biodiversity management primarily. Farm partnerships account for almost 11%, or 136 ha, of Ballynafid forest. The long term aim of the forest is to continue with timber production, manage farm partnerships efficiently, protect sensitive waterways and follow landscape design and ecological plans for selected sites.

Over 128 ha is due for clearfell with an annual average of 32 ha over the plan period.

The expected timber production is estimated to be 80,529 m³ over the plan period with an annual average of 16,105 m³.

Over 80% of the 'conifer high forest' in Ballynafid forest is due to be thinned. The majority of the forest will receive at least three thinnings.

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:	WH02	Ballynafid	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		946.8	73.9%
Biodiversity		181.6	14.2%
Conservation		149.0	11.6%
Recreation		4.4	0.3%
Total		1,281.7	100.0%

Table 2 Area by Special Consideration

Forest:	WH02	Ballynafid	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		10.7	0.8%
Farm Partnership		136.1	10.6%
Fisheries Protection		36.3	2.8%
High Landscape Sensitivity		179.5	14.0%
Legal		13.8	1.1%
NWS		16.8	1.3%
None		772.6	60.3%
Old Woodland Site		2.8	0.2%
Recreation Site		4.4	0.3%
Statutory Designation		108.8	8.5%
Total		1,281.7	100.0%



Table 3 Area by Fell Year

Forest: WH02

Ballynafid

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	20.9	
2007	102.9	
2008	5.3	
2009	33.2	
<u>5 Year Total and Average</u>	<u>162.3</u>	<u>20.29</u>
2010	17.2	
2011	32.7	
2012	26.0	
2013	57.0	
2014	51.7	
<u>5 Year Total and Average</u>	<u>184.5</u>	<u>18.45</u>
2015	12.7	
2016	14.2	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	0.0	
2019	0.0	
<u>5 Year Total and Average</u>	<u>26.9</u>	<u>3.84</u>
2020	35.3	
2021	0.0	
2022	0.0	
2023	0.0	
2024	43.5	
<u>5 Year Total and Average</u>	<u>78.9</u>	<u>13.14</u>

Table 4 Area by Species Group

Forest:	WH02	Ballynafid	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	6.2	0.6
	ASH	23.0	2.1
	BE	18.7	1.7
	BI	77.6	7.0
	DF	17.0	1.5
	FIR	12.2	1.1
	LAR	10.9	1.0
	LP	153.9	13.9
	NS	315.1	28.4
	OAK	18.7	1.7
	OB	10.4	0.9
	OC	0.7	0.1
	OP	22.6	2.0
	SS	422.9	38.1
	WRC	0.2	0.0
		1,110.2	100.0



71	WH02-9	Timber Production	None	5.7	0.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72	WH02-15	Timber Production	None	7.6	0.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73	WH02-15	Biodiversity	Fisheries Protect	0.5	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

Total MU Area 33.2

2010				Area (ha)														
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB	
33	WH02-12	Biodiversity	None	2.6	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	
38	WH02-12	Timber Production	None	14.6	1.5	13.1	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	17.2													