



Coillte Teoranta

Forest Management Plan

Kells

MH02

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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Introduction

Forest: MH02 Kells
District: N3 District Manager PJ Fitzpatrick

Kells forest is situated in west Co. Meath. The topography of the forest is low lying. The main lake in this forest is Lough Sheelin. The historic 'Hill of Tara' is situated outside the town of Kells. The main N3 road passes through this forest. The Blackwater river flows through this forest.

The main soil type in Kells are gleys and brown earths.

The main towns and villages located in the catchment area of Kells forest are Kells, Oldcastle, Crossakell, Moynalty.

The management focus for the forest is concerned with timber production and biodiversity management primarily. Farm partnerships account for almost 6%, or 20 ha, of Kells forest. The long term aim of the forest is to continue with timber production, manage farm partnerships efficiently, protect and enhance old woodland sites and follow ecological plans for selected sites.

Only 42 ha is due for clearfell with an annual average of 11 ha over the plan period.

The expected timber production is estimated to be 29,024 m³ over the plan period with an annual average of 5,804 m³.

Over 80% of the 'conifer high forest' in Kells forest is due to be thinned. The majority of Kells 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

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	238.5	73.8%
Biodiversity	26.2	8.1%
Conservation	48.5	15.0%
Recreation	9.9	3.1%
Total	323.2	100.0%



Table 2 Area by Special Consideration

Forest:	MH02	Kells	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Farm Partnership		19.8	6.1%
Legal		1.8	0.6%
None		146.3	45.3%
Old Woodland Site		106.8	33.0%
Statutory Designation		48.5	15.0%
Total		323.2	100.0%



Table 3 Area by Fell Year

Forest: MH02

Kells

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	9.0	
2007	0.0	
2008	33.2	
2009	0.0	
<u>5 Year Total and Average</u>	<u>42.1</u>	<u>7.02</u>
2010	20.3	
2011	0.0	
2012	17.6	
2013	0.0	
2014	22.3	
<u>5 Year Total and Average</u>	<u>60.2</u>	<u>7.53</u>
2015	60.9	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	9.7	
2019	0.0	
<u>5 Year Total and Average</u>	<u>70.6</u>	<u>10.09</u>
2020	0.0	
2021	0.0	
2022	7.3	
2023	0.0	
<u>5 Year Total and Average</u>	<u>7.3</u>	<u>1.45</u>

Table 4 Area by Species Group

Forest:	MH02	Kells	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ASH	3.5	1.2
	BE	6.6	2.2
	BI	23.7	7.7
	DF	21.3	6.9
	FIR	10.6	3.5
	LAR	13.4	4.3
	LP	42.5	13.8
	NS	45.7	14.8
	OAK	12.7	4.1
	OB	7.0	2.3
	OP	2.1	0.7
	SS	118.4	38.5
		307.5	100.0



Table 5 Listing of Restocking MUs

Forest: MH02 Kells

2006																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
3	MH02-2	Timber Production	Old Woodland Si	9.0	0.9	3.6	0.0	0.0	0.4	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				9.0															
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				
2	MH02-2	Timber Production	Old Woodland Si	16.0	2.4	3.4	0.0	0.0	0.7	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	
27	MH02-4	Timber Production	None	17.2	0.9	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				33.2															
2010																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
1	MH02-2	Timber Production	Old Woodland Si	12.0	1.8	4.6	0.0	0.0	0.5	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	
33	MH02-4	Conservation	Statutory Designat	8.4	0.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	
Total MU Area				20.3															

