



Coillte Teoranta

Forest Management Plan

Navan

MH03

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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Introduction

Forest: MH03 Navan
District: N3 District Manager PJ Fitzpatrick

Navan forest is situated in east and mid Co. Meath. The topography of the forest is low lying. The main N3 and N2 roads pass through this forest. The river Boyne flows through this forest.

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

The main towns and villages located in the catchment area of Navan forest are Navan, Slane, Bettystown, Duleek, Kilmessan.

The management focus for the forest is concerned with timber production and biodiversity management primarily. The long term aim of the forest is to continue with timber production, 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 19,285 m³ over the plan period with an annual average of 3,857 m³.

Over 94% of the 'conifer high forest' in Navan forest is due to be thinned. The majority of Navan forest will receive at least three thinnings.

The forest contains 8 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

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	295.3	64.5%
Biodiversity	35.5	7.8%
Conservation	105.0	22.9%
Recreation	22.0	4.8%
Total	457.8	100.0%



Table 2 Area by Special Consideration

Forest:	MH03	Navan	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Experimentation		25.9	5.6%
Legal		18.7	4.1%
Long-term Leased		22.0	4.8%
None		248.0	54.2%
Old Woodland Site		36.0	7.9%
Statutory Designation		107.2	23.4%
Total		457.8	100.0%



Table 3 Area by Fell Year

Forest: MH03

Navan

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	31.5	
2008	0.0	
2009	18.1	
<u>5 Year Total and Average</u>	<u>49.6</u>	<u>8.26</u>
2010	20.8	
2011	0.0	
2012	31.7	
2013	16.7	
2014	20.0	
<u>5 Year Total and Average</u>	<u>89.3</u>	<u>9.92</u>
2015	29.0	
2016	20.2	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	0.0	
	2018	7.6	
	2019	0.0	
<u>5 Year Total and Average</u>		<u>56.8</u>	<u>7.10</u>
	2020	29.1	
	2021	0.0	
	2022	0.0	
	2023	0.0	
<u>5 Year Total and Average</u>		<u>29.1</u>	<u>5.82</u>

Table 4 Area by Species Group

Forest:	MH03	Navan	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	1.2	0.3
	ASH	13.2	3.2
	BE	15.6	3.7
	BI	9.6	2.3
	FIR	2.7	0.7
	LAR	12.9	3.1
	LP	42.6	10.2
	NS	113.4	27.2
	OAK	38.4	9.2
	OB	16.0	3.8
	OP	6.0	1.4
	SS	140.0	33.6
	WRC	4.8	1.1
		416.4	100.0



Table 5 Listing of Restocking MUs

Forest: MH03 Navan

2007																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
17	MH03-1	Timber Production	None	17.7	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
55	MH03-1	Timber Production	None	13.7		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	
Total MU Area				31.5															
2009																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
36	MH03-5	Conservation	None	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	0.0	0.0	
47	MH03-5	Timber Production	None	8.2	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	0.0	
Total MU Area				18.1															
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				
57	MH03-1	Timber Production	None	9.9		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	
14	MH03-6	Timber Production	Old Woodland Si	10.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	4.9	0.0	0.0	0.0	0.0	
Total MU Area				20.8															

