



Coillte Teoranta

Forest Management Plan

Summerhill

MH04

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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Introduction

Forest: MH04 Summerhill
District: N3 District Manager PJ Fitzpatrick

Summerhill forest is situated in south Co. Meath. The topography of the forest is low lying. The main N3, N4 and N6 roads pass through this forest. The Royal Canal flows through this forest.

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

The main towns and villages located in the catchment area of Summerhill forest are Kinnegad, Ashbourne, Athboy, Trim, Summerhill, Ballivor, Enfield.

The management focus for the forest is concerned with timber production and biodiversity management primarily. Over 57 ha of raised bog in Ballasport/Kilwarden, will be restored under the LIFE project. The long term aim of the forest is to continue with timber production, protect and enhance old woodland sites, restore raised bog under the Life project and follow ecological plans for selected sites.

Over 76 ha is due for clearfell with an annual average of 19 ha over the plan period.

The expected timber production is estimated to be 34,960 m³ over the plan period with an annual average of 6,992 m³.

Over 85% of the 'conifer high forest' in Summerhill forest is due to be thinned. The majority of the forest will receive at least two thinnings.

The forest contains 0 and 1 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	380.7	71.1%
Biodiversity	70.8	13.2%
Conservation	84.3	15.7%
Total	535.8	100.0%



Table 2 Area by Special Consideration

Forest:	MH04	Summerhill	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Experimentation		18.1	3.4%
Legal		14.4	2.7%
Life Project		57.9	10.8%
None		327.2	61.1%
Old Woodland Site		91.8	17.1%
Statutory Designation		26.4	4.9%
Total		535.8	100.0%



Table 3 Area by Fell Year

Forest: MH04

Summerhill

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	17.9	
2007	6.9	
2008	50.3	
2009	8.0	
<u>5 Year Total and Average</u>	<u>83.2</u>	<u>10.40</u>
2010	3.2	
2011	0.0	
2012	31.9	
2013	31.3	
2014	31.8	
<u>5 Year Total and Average</u>	<u>98.2</u>	<u>10.91</u>
2015	12.5	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	0.0	
2019	7.4	
<u>5 Year Total and Average</u>	<u>19.9</u>	<u>2.84</u>
2020	15.9	
2021	0.0	
2022	0.0	
2023	0.0	
2024	6.3	
<u>5 Year Total and Average</u>	<u>22.2</u>	<u>3.70</u>

Table 4 Area by Species Group

Forest:	MH04	Summerhill	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	0.3	0.1
	ASH	11.3	2.2
	BE	5.6	1.1
	BI	30.2	6.0
	DF	2.1	0.4
	FIR	3.5	0.7
	LAR	4.9	1.0
	LP	143.2	28.4
	NS	198.5	39.3
	OAK	7.0	1.4
	OB	5.2	1.0
	OP	21.3	4.2
	SS	71.6	14.2
	WRC	0.4	0.1
		504.9	100.0



Table 5 Listing of Restocking MUs

Forest: MH04 Summerhill

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				
28	MH04-2	Timber Production	None	9.9	1.0	5.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0		
58	MH04-3	Timber Production	None	8.0	0.8	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0		
Total MU Area				17.9															
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				
3	MH04-3	Timber Production	None	6.9	0.7	3.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0		
Total MU Area				6.9															
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				
26	MH04-1	Timber Production	None	22.2	2.2	10.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0		
59	MH04-3	Timber Production	None	13.9	1.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0		
65	MH04-4	Timber Production	Experimentation	14.2	1.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0		
Total MU Area				50.3															



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				
64	MH04-4	Timber Production	None	8.0	0.8	4.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				8.0															
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				
47	MH04-3	Biodiversity	Old Woodland Si	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0		
Total MU Area				3.2															

