



Coillte Teoranta

Forest Management Plan

Doughill

RN09

2006 to 2010

District Manager

Gerry Gavin

District

W2



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: RN09 Doughill
District: W2 District Manager Gerry Gavin

Doughill forest is situated in Doughill forest is part of East Galway Roscommon District, W2. Located in east Roscommon on the Longford border the forest is within the river Shannon catchment area. The main of the forest exists on Slieve Ban with a few outlying properties.

The main soil type in Doughill are The main soil soil type present in the forest is a mineral gley merging into more fertile limestone land on the flatter areas in the forest.

The main towns and villages located in the catchment area of Doughill forest are Strokestown and Tulsk towns are within the forest catchment area.

The management focus for the forest is concerned with The area of the forest is 1194 ha. It is a very productive forest capable of growing high yield crops of Sitka Spruce. This is reflected with 1194 ha divided into 113 management units dedicated to timber production. The remaining 22 management units with an area of 104 ha are managed for bio-diversity or conservation. The Slieve Ban walk way over Slive Ban mountain passes through the forest and this amenity exists in conjunction with the production of timber in the same location. In the main block of forest on Slieve Ban a number of bio-diverse features are being developed, mainly along riparian zones and the retention of dead wood habitats.

This chart outlines the timber felling pattern into the future.

69.4 ha are due for learfell up to 2010. This area will produce 25,464 cubic metre of timber.

Of the 1143 ha of conifers in the plantation, 520 ha will be thinned as standard. A very small overall area of 61 ha will be un-thinned. The remainder will be thinned once to three time, with the bulk of the rea, 344 ha being thinned twice.

The forest contains 0 and 7 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:	RN09	Doughill	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,194.6	92.0%
Biodiversity		77.3	6.0%
Conservation		26.1	2.0%
Total		1,298.0	100.0%



Table 2 Area by Special Consideration

Forest:	RN09	Doughill	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		5.8	0.4%
Experimentation		8.5	0.7%
Farm Partnership		35.3	2.7%
None		1,150.8	88.7%
Old Woodland Site		71.5	5.5%
Statutory Designation		26.1	2.0%
Total		1,298.0	100.0%



Table 3 Area by Fell Year

Forest: RN09

Doughill

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	53.8	
2007	17.5	
2008	0.5	
2009	21.9	
<u>5 Year Total and Average</u>	<u>93.7</u>	<u>11.71</u>
2010	3.7	
2011	6.4	
2012	0.0	
2013	7.0	
2014	5.4	
<u>5 Year Total and Average</u>	<u>22.5</u>	<u>2.50</u>
2015	7.5	
2016	7.1	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	4.3	
2019	0.0	
<u>5 Year Total and Average</u>	<u>18.8</u>	<u>2.35</u>
2020	0.0	
2021	63.4	
2022	39.6	
2023	7.7	
2024	3.3	
<u>5 Year Total and Average</u>	<u>113.9</u>	<u>14.24</u>

Table 4 Area by Species Group

Forest:	RN09	Doughill	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	2.8	0.2
	ASH	6.2	0.5
	BE	1.8	0.1
	BI	7.9	0.6
	DF	4.3	0.3
	FIR	13.6	1.1
	LAR	42.0	3.4
	LP	23.7	1.9
	NS	96.9	7.9
	OAK	0.5	0.0
	OB	13.8	1.1
	OC	0.9	0.1
	OP	9.0	0.7
	SS	1,005.6	81.8
	WRC	0.6	0.0
		1,229.6	100.0



Table 5 Listing of Restocking MUs

Forest: RN09 Doughill

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				
77	RN09-4	Timber Production	None	6.7	1.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
56	RN09-10	Timber Production	None	12.6	1.9	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
136	RN09-10	Timber Production	Old Woodland Si	11.0	1.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1	RN09-15	Timber Production	None	23.4	3.5	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	
Total MU Area				53.8															
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				
9	RN09-3	Timber Production	None	3.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	
60	RN09-4	Timber Production	None	6.4	1.0	4.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
140	RN09-5	Timber Production	None	5.4		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	
53	RN09-10	Timber Production	Old Woodland Si	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	
Total MU Area				17.5															



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				
125	RN09-13	Timber Production	None	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0		
Total MU Area				0.5															
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				
75	RN09-4	Biodiversity	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		
63	RN09-5	Timber Production	None	8.2	1.2	6.3	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				21.9															
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				
117	RN09-9	Timber Production	Old Woodland Si	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0		
Total MU Area				3.7															

