



Coillte Teoranta

Forest Management Plan

New Mills

DL10

2006 to 2010

District Manager

John Duffy

District

N1



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Introduction

Forest: DL10 New Mills
District: N1 District Manager John Duffy

New Mills forest is situated in mid Co. Donegal, south west of Lough Swilly. It is directly south of the river Swilly and west of the N56. It terminates north of Stranorlar and its western border curls around Carr mountain. New Mills forest is topographically elevated.

The main soil type in New Mills are gleys, peaty podzols and blanket peat.

The main towns and villages located in the catchment area of New Mills forest are New Mills and Letterkenny lies on the north eastern border of the forest.

The management focus for the forest is concerned with timber production with strong emphasis on biodiversity.

25.2 hectares are scheduled for harvesting in the planned period 2006-2010

It is expected this will lead to a timber harvest volume approximating 12,366 cubic metres.

Much of the plantation in this region receives standard thin and 3 thin treatment. The risk of windthrow is low enough to accommodate these thinning strategies.

The forest contains 0 and 3 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	1,088.0	93.5%
Biodiversity	67.9	5.8%
Non-forest Commercial	5.4	0.5%
Christmas Tree Production	2.4	0.2%
Total	1,163.7	100.0%



Table 2 Area by Special Consideration

Forest:	DL10	New Mills	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Experimentation		5.6	0.5%
IFUT		6.4	0.6%
None		1,146.1	98.5%
Potential Sale		5.5	0.5%
Total		1,163.7	100.0%



Table 3 Area by Fell Year

Forest: DL10

New Mills

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	19.5	
2008	5.7	
2009	0.0	
<u>5 Year Total and Average</u>	<u>25.2</u>	<u>4.20</u>
2010	11.6	
2011	21.6	
2012	0.0	
2013	12.0	
2014	0.0	
<u>5 Year Total and Average</u>	<u>45.2</u>	<u>5.66</u>
2015	0.7	
2016	0.0	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	13.3	
	2018	0.0	
	2019	5.8	
<u>5 Year Total and Average</u>		<u>19.7</u>	<u>2.46</u>
	2020	0.0	
	2021	0.0	
	2022	15.5	
	2023	19.0	
<u>5 Year Total and Average</u>		<u>34.6</u>	<u>5.77</u>

Table 4 Area by Species Group

Forest:	DL10	New Mills	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	9.9	0.9
	ASH	1.0	0.1
	BE	4.1	0.4
	BI	9.3	0.9
	DF	2.1	0.2
	FIR	5.9	0.6
	LAR	39.6	3.7
	LP	94.9	8.9
	NS	1.6	0.1
	OAK	1.4	0.1
	OB	8.3	0.8
	SS	893.0	83.4
		1,071.2	100.0



Table 5 Listing of Restocking MUs

Forest: DL10

New Mills

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				
11	DL10-6	Biodiversity	None	0.7	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	0.0	
20	DL10-6	Biodiversity	None	2.4	0.2	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	
37	DL10-6	Timber Production	None	16.4	2.5	0.0	0.0	5.6	0.0	0.0	0.0	4.2	0.0	4.2	0.0	0.0	0.0	0.0	
Total MU Area				19.5															
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				
46	DL10-3	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	0.0	
Total MU Area				5.7															
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				
88	DL10-8	Timber Production	None	11.6	1.2	8.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	
Total MU Area				11.6															

