



Coillte Teoranta

Forest Management Plan

Carrowbehy

RN05

2006 to 2010

District Manager

Gerry Gavin

District

W2



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Introduction

Forest: RN05 Carrowbehy
District: W2 District Manager Gerry Gavin

Carrowbehy forest is situated in Carrowbehy Forest is part of East Galway Roscommon District, W2. Located in West Roscommon on the Mayo border it is in the Cloonard river catchment area which is part of the Shannon system. The topography of the forest flat to low-lying.

The main soil type in Carrowbehy are Soil types vary from large areas of raised bog to cut over bog and peaty gleys.

The main towns and villages located in the catchment area of Carrowbehy forest are Ballaghaderreen town is located in the centre of the forest.

The management focus for the forest is concerned with The forest area is 1111 ha divided into 129 management units. 90 management units containing 810 ha are dedicated to timber production. The remaining 301 ha in 39 management units are dedicated to bio-diversity and conservation. This reflects the high % of NHA and SAC sites within the forest area. 43 ha in Drumalough is been managed as a Life Project site.

This chart outlines the clearfell pattern into the future.

Up to the period 2010, 49 ha will be clearfelled and a volume of 10156 M3 will be removed.

Of the 746 ha of conifers planted 195 ha will be thinned as standard. 376 will not be thinned due to the presence of lodgepole pine and poor access on some spruce sites. The remainder of the forest will be thinned either once, twice or three times.

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

Forest:	RN05	Carrowbehy	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		809.8	73.0%
Biodiversity		235.7	21.2%
Conservation		43.1	3.9%
Non-forest Commercial		15.3	1.4%
Recreation		1.7	0.2%
Seed Stand		4.2	0.4%
Total		1,109.9	100.0%



Table 2 Area by Special Consideration

Forest:	RN05	Carrowbehy	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access County Road		10.6	1.0%
Expensive Access Road		60.6	5.5%
Fisheries Protection		4.1	0.4%
Legal		128.8	11.6%
Life Project		43.1	3.9%
None		801.2	72.2%
Old Woodland Site		5.2	0.5%
Recreation Site		1.7	0.2%
Statutory Designation		54.6	4.9%
Total		1,109.9	100.0%



Table 3 Area by Fell Year

Forest: RN05

Carrowbehy

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	39.0	
2007	28.2	
2008	0.0	
2009	0.0	
<u>5 Year Total and Average</u>	<u>67.3</u>	<u>11.21</u>
2010	3.2	
2011	44.3	
2012	9.1	
2013	24.1	
2014	3.5	
<u>5 Year Total and Average</u>	<u>84.1</u>	<u>8.41</u>
2015	0.0	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	2.7	
2018	4.5	
2019	0.0	
<u>5 Year Total and Average</u>	<u>7.2</u>	<u>1.03</u>
2020	13.9	
2021	0.0	
2022	4.8	
2023	3.9	
2024	5.9	
<u>5 Year Total and Average</u>	<u>28.5</u>	<u>3.57</u>

Table 4 Area by Species Group

Forest:	RN05	Carrowbehy	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	2.5	0.3
	ASH	6.2	0.7
	BE	0.2	0.0
	BI	7.1	0.8
	LAR	18.5	2.1
	LP	449.8	51.5
	NS	13.1	1.5
	OAK	3.9	0.4
	OB	8.1	0.9
	SS	364.0	41.7
		873.3	100.0



Table 5 Listing of Restocking MUs

Forest: RN05

Carrowbehy

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				
75	RN05-10	Conservation	Life Project	26.0	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	0.0	
,003	RN05-10	Timber Production	None	13.0	2.0	0.0	11.1	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				39.0															
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				
19	RN05-7	Timber Production	Access County R	10.6	1.6	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
57	RN05-8	Timber Production	None	15.0	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	0.0	
130	RN05-16	Timber Production	None	2.6		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				28.2															
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				
114	RN05-17	Timber Production	None	3.2	0.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				3.2															

