



Coillte Teoranta

Forest Management Plan

Bragan

MN01

2006 to 2010

District Manager

PJ Fitzpatrick

District

N3



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Introduction

Forest: MN01 Bragan
District: N3 District Manager PJ Fitzpatrick

Bragan forest is situated in north Co. Monaghan. The topography of the forest is mainly mountainous. The main N2 road passes through this forest. Derrygorry Millenium site is situated in this forest.

The main soil type in Bragan are drumlins and peaty gleys.

The main towns and villages located in the catchment area of Bragan forest are Scotstown, Emyvale, Mullan.

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, protect archaeology and waterways, manage farm partnerships efficiently and follow ecological plans for selected sites.

Over 185 ha is due for clearfell with an annual average of 46 ha over the plan period.

The expected timber production is estimated to be 85,991 m³ over the plan period with an annual average of 17,198 m³.

Over 75% of the 'conifer high forest' in Bragan forest is due to be thinned. The majority of the forest will receive a standard thinning cycle.

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

Forest:	MN01	Bragan	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,637.4	83.9%
Biodiversity		201.6	10.3%
Conservation		69.8	3.6%
Recreation		42.4	2.2%
Total		1,951.1	100.0%



Table 2 Area by Special Consideration

Forest:	MN01	Bragan	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		2.3	0.1%
Archaeology		3.9	0.2%
Experimentation		14.4	0.7%
Farm Partnership		16.4	0.8%
Fisheries Protection		81.2	4.2%
Legal		29.6	1.5%
None		1,607.7	82.4%
Old Woodland Site		62.6	3.2%
ROW Problems		5.6	0.3%
Recreation Site		10.6	0.5%
Statutory Designation		116.9	6.0%
Total		1,951.1	100.0%



Table 3 Area by Fell Year

Forest: MN01

Bragan

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	63.9	
2007	36.5	
2008	83.2	
2009	5.6	
<u>5 Year Total and Average</u>	<u>189.2</u>	<u>23.65</u>
2010	0.0	
2011	70.6	
2012	8.6	
2013	13.1	
2014	35.8	
<u>5 Year Total and Average</u>	<u>128.1</u>	<u>14.24</u>
2015	10.4	
2016	5.7	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	17.4	
	2018	0.0	
	2019	11.3	
<u>5 Year Total and Average</u>		<u>44.8</u>	<u>4.98</u>
	2020	42.9	
	2021	0.0	
	2022	0.0	
	2023	0.0	
	2024	45.9	
<u>5 Year Total and Average</u>		<u>88.8</u>	<u>14.80</u>

Table 4 Area by Species Group

Forest:	MN01	Bragan	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	11.1	0.6
	ASH	5.2	0.3
	BE	1.8	0.1
	BI	22.6	1.3
	DF	0.1	0.0
	FIR	0.4	0.0
	LAR	66.9	3.9
	LP	88.2	5.1
	NS	45.9	2.7
	OAK	30.6	1.8
	OB	37.0	2.1
	OP	3.4	0.2
	SS	1,409.6	81.8
		1,722.6	100.0



Table 5 Listing of Restocking MUs

Forest: MN01

Bragan

2006		Objective	Special Considerations	MU Area (ha)	Area (ha)												
MU	Map Cutting				Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
111	MN01-5	Timber Production	None	25.5	2.6	21.8	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	MN01-6	Timber Production	None	9.3	0.5	7.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	MN01-9	Timber Production	None	11.7	1.2	10.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186	MN01-10	Timber Production	None	9.4	0.9	7.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190	MN01-10	Biodiversity	Fisheries Protect	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
202	MN01-10	Biodiversity	Fisheries Protect	0.8	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
12	MN01-16	Timber Production	None	6.7	0.3	6.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	MN01-16	Biodiversity	Fisheries Protect	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
Total MU Area				63.9													

2007		Objective	Special Considerations	MU Area (ha)	Area (ha)												
MU	Map Cutting				Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB



145	MN01-13	Timber Production	None	10.0	0.5	9.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Total MU Area 83.2

2009

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									
									LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB	
11	MN01-4	Timber Production	ROW Problems	5.6	0.3	5.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 5.6