



Coillte Teoranta

Forest Management Plan

Clones

MN02

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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Introduction

Forest: MN02 Clones
District: N3 District Manager PJ Fitzpatrick

Clones forest is situated in north west Co. Monaghan. The topography is mainly low lying.

The main soil type in Clones are drumlin gleys.

The main towns and villages located in the catchment area of Clones forest are Clones, Newbliss, Smithboro, Drum, Rockcorry.

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, follow landscape design plan and ecological plans for selected sites.

Only 4 ha is due for clearfell with an annual average of 1 ha over the plan period.

The expected timber production is estimated to be 10,596 m³ overplan period with an annual average of 2,119 m³.

Over 99% of the 'conifer high forest' in Clones forest is due to be thinned. The majority of the forest will receive a standard thinning cycle.

The forest contains 1 and 2 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:	MN02	Clones	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		462.4	70.9%
Biodiversity		59.9	9.2%
Conservation		129.3	19.8%
Recreation		1.0	0.1%
Total		652.7	100.0%



Table 2 Area by Special Consideration

Forest:	MN02	Clones	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		7.7	1.2%
Experimentation		7.8	1.2%
Farm Partnership		33.9	5.2%
Fisheries Protection		24.2	3.7%
High Landscape Sensitivity		28.1	4.3%
IFUT		24.7	3.8%
None		229.1	35.1%
Old Woodland Site		152.9	23.4%
Recreation Site		15.1	2.3%
Statutory Designation		129.3	19.8%
Total		652.7	100.0%



Table 3 Area by Fell Year

Forest: MN02

Clones

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	4.4	
2007	0.0	
2008	0.0	
2009	0.0	
<u>5 Year Total and Average</u>	<u>4.4</u>	<u>0.87</u>
2010	12.0	
2011	1.4	
2012	0.0	
2013	0.0	
2014	2.4	
<u>5 Year Total and Average</u>	<u>15.8</u>	<u>1.97</u>
2015	14.5	
2016	13.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	0.0	
2019	0.0	
<u>5 Year Total and Average</u>	<u>27.5</u>	<u>3.93</u>
2020	78.7	
2021	15.9	
2022	0.0	
2023	9.0	
<u>5 Year Total and Average</u>	<u>103.7</u>	<u>14.82</u>

Table 4 Area by Species Group

Forest:	MN02	Clones	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	18.9	3.2
	ASH	6.4	1.1
	BE	15.1	2.5
	BI	12.6	2.1
	DF	2.5	0.4
	FIR	15.6	2.6
	LAR	12.3	2.1
	LP	0.3	0.0
	NS	218.3	36.5
	OAK	19.5	3.3
	OB	24.1	4.0
	OC	0.3	0.0
	OP	6.6	1.1
	SS	244.2	40.8
	WRC	1.3	0.2
		597.8	100.0



Table 5 Listing of Restocking MUs

Forest: MN02

Clones

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			
33	MN02-2	Timber Production	Old Woodland Si	4.4	0.4	2.8	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total MU Area				4.4														
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			
2	MN02-1	Timber Production	None	3.5	0.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	MN02-1	Timber Production	None	2.3	0.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	MN02-1	Biodiversity	Fisheries Protect	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total MU Area				12.0														

