



Coillte Teoranta

Forest Management Plan

Maghera

CE02

2006 to 2010

District Manager

Joe Duffy

District

W1



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Introduction

Forest: CE02 Maghera
District: W1 District Manager Joe Duffy

Maghera forest is situated in east Clare. The main river catchments are the Magherabaun and Lough Ea rivers.

The main soil type in Maghera are peaty gleys and blanket peat.

The main towns and villages located in the catchment area of Maghera forest are Feakle, Killanena and Caher.

The management focus for the forest is concerned with timber production. The management objective is to develop suitable silvicultural systems which are compatible with local habitat.

Over the next 20 years the average area being clearfelled amounts to 72ha per annum. This is under 1.5% of the overall forest area each year.

The expected clearfell production in the forest is 96,000m³ between 2006-2010 inclusive. This is an average of 340m³ per hectare.

Due to unstable sites and pine crops (16%) the area categorised as 'no thin' amounts to 41%. 27% of the forest will be thinned to STD specification.

The forest contains 0 and 4 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	3,978.5	80.2%
Biodiversity	968.2	19.5%
Seed Stand	14.7	0.3%
Total	4,961.3	100.0%



Table 2 Area by Special Consideration

Forest:	CE02	Maghera	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		91.5	1.8%
Access County Road		6.0	0.1%
Experimentation		15.4	0.3%
Farm Partnership		25.1	0.5%
IFUT		56.0	1.1%
Legal		76.3	1.5%
None		4,553.0	91.8%
Statutory Designation		138.1	2.8%
Total		4,961.3	100.0%



Table 3 Area by Fell Year

Forest: CE02

Maghera

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	71.6	
2007	47.3	
2008	40.7	
2009	84.6	
<u>5 Year Total and Average</u>	<u>244.2</u>	<u>30.52</u>
2010	66.1	
2011	94.7	
2012	108.8	
2013	81.4	
2014	89.0	
<u>5 Year Total and Average</u>	<u>440.1</u>	<u>44.01</u>
2015	69.7	
2016	16.7	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	90.9	
2018	78.5	
2019	15.9	
<u>5 Year Total and Average</u>	<u>271.7</u>	<u>27.17</u>
2020	120.9	
2021	85.2	
2022	95.6	
2023	38.5	
2024	72.0	
<u>5 Year Total and Average</u>	<u>412.2</u>	<u>45.80</u>

Table 4 Area by Species Group

Forest:	CE02	Maghera	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	16.3	0.4
	ASH	18.6	0.4
	BE	4.6	0.1
	BI	35.0	0.8
	DF	3.8	0.1
	FIR	18.2	0.4
	LAR	113.8	2.6
	LP	673.4	15.4
	NS	9.4	0.2
	OAK	10.6	0.2
	OB	24.2	0.6
	OC	0.7	0.0
	OP	0.1	0.0
	SS	3,441.5	78.7
	WRC	1.2	0.0
		4,371.4	100.0



Total MU Area 71.6

2007					Area (ha)												
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
693	CE02-4	Timber Production	None	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
212	CE02-5	Timber Production	None	10.6	1.6	8.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198	CE02-6	Timber Production	None	12.1	0.6	10.9	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121	CE02-8	Timber Production	None	6.4	0.5	9.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
690	CE02-13	Timber Production	None	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
210	CE02-25	Timber Production	Statutory Designat	8.1	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

Total MU Area 47.3

2008					Area (ha)												
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
223	CE02-6	Timber Production	None	1.6	0.1	1.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130	CE02-9	Biodiversity	None	4.7	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
671	CE02-9	Timber Production	None	27.9	4.2	20.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0



685	CE02-14	Timber Production	None	6.5	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
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Total MU Area 40.7

2009

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

93	CE02-8	Biodiversity	None	1.2	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	0.0
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206	CE02-8	Timber Production	None	3.5	0.4	2.9	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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678	CE02-8	Timber Production	None	19.2	1.9	15.5	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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161	CE02-9	Timber Production	None	28.9	2.9	18.2	6.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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263	CE02-13	Timber Production	None	17.0	1.7	12.3	2.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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406	CE02-19	Timber Production	None	10.2	1.0	8.2	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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139	CE02-24	Timber Production	None	0.7	0.0	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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315	CE02-24	Timber Production	None	3.8	0.2	3.3	0.0	0.0	0.4	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 84.6

2010

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

