



Coillte Teoranta

Forest Management Plan

Ballymahon

LD03

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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Introduction

Forest: LD03 Ballymahon
District: N3 District Manager PJ Fitzpatrick

Ballymahon forest is situated in south Co. Longford. The topography of the forest is mainly low lying. The Shannon is the main river and Lough Ree is the main lake in this forest. The Royal Canal flows through this forest. The main N4 and N5 roads pass through this forest.

The main soil type in Ballymahon are raised peat and gleys.

The main towns and villages located in the catchment area of Ballymahon forest are Ballymahon, Carrickboy, Keenagh, Lanesboro, Clondara, Newtownforbes.

The management focus for the forest is concerned with timber production and biodiversity management primarily. Farm partnerships account for 8%, or 150 ha, of the timber productive areas in Ballymahon forest. The long term aim of the forest is to continue with timber production, manage farm partnerships efficiently, enhance old woodland sites, protect sensitive waterways and archeological sites, restructure large blocks of forestry in accordance with the Landscape design plan and follow ecological plans for selected sites.

Over 138 ha is due for clearfell with an annual average of 35 ha over the plan period.

The expected timber production is estimated to be 92,614 m³ over the plan period with an annual average of 18,522 m³.

Over 90%, or 1170 ha, of the 'conifer high forest' in Ballinalee forest is due to be thinned. The majority of Ballymahon forest will receive at least three thinnings.

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:	LD03	Ballymahon	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,298.2	76.5%
Biodiversity		248.0	14.6%
Conservation		151.3	8.9%
Total		1,697.5	100.0%

Table 2 Area by Special Consideration

Forest:	LD03	Ballymahon	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		6.9	0.4%
Experimentation		10.6	0.6%
Farm Partnership		134.5	7.9%
High Landscape Sensitivity		454.2	26.8%
Legal		51.2	3.0%
None		863.7	50.9%
Old Woodland Site		25.9	1.5%
Statutory Designation		150.5	8.9%
Total		1,697.5	100.0%



Table 3 Area by Fell Year

Forest: LD03

Ballymahon

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	48.4	
2007	33.4	
2008	55.0	
2009	38.9	
<u>5 Year Total and Average</u>	<u>175.7</u>	<u>21.96</u>
2010	49.4	
2011	58.5	
2012	18.1	
2013	15.9	
2014	55.0	
<u>5 Year Total and Average</u>	<u>196.9</u>	<u>19.69</u>
2015	24.9	
2016	16.7	



<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>41.7</u>	<u>5.95</u>
2020	4.2	
2021	0.0	
2022	0.0	
2023	0.0	
2024	13.1	
<u>5 Year Total and Average</u>	<u>17.3</u>	<u>2.88</u>

Table 4 Area by Species Group

Forest:	LD03	Ballymahon	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	3.3	0.2
	ASH	43.0	2.8
	BE	18.4	1.2
	BI	72.6	4.8
	DF	3.4	0.2
	FIR	19.3	1.3
	LAR	23.5	1.5
	LP	191.4	12.6
	NS	534.3	35.2
	OAK	19.8	1.3
	OB	19.7	1.3
	OC	4.8	0.3
	OP	25.8	1.7
	SS	539.4	35.5
	WRC	0.4	0.0
		1,519.0	100.0



Table 5 Listing of Restocking MUs

Forest: LD03

Ballymahon

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				
40	LD03-6	Timber Production	None	5.7	0.6	4.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
172	LD03-13	Conservation	Statutory Designat	12.4	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	
162	LD03-17	Timber Production	None	13.1	1.3	3.5	3.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
169	LD03-25	Timber Production	None	17.2	1.7	15.5	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				48.4															
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				
225	LD03-5	Timber Production	None	2.3		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	
166	LD03-17	Timber Production	None	11.1	1.7	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	
133	LD03-22	Timber Production	None	7.9	0.8	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
219	LD03-30	Timber Production	None	12.1	1.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	
Total MU Area				33.4															



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				
150	LD03-12	Timber Production	None	14.9	1.5	5.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
165	LD03-17	Timber Production	None	10.4	0.5	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	
132	LD03-23	Timber Production	None	5.2	0.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
227	LD03-27	Timber Production	None	6.6		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	
85	LD03-33	Timber Production	None	17.8	1.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				55.0															
2009																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
6	LD03-1	Timber Production	None	19.5	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	
80	LD03-8	Timber Production	None	10.1	1.0	8.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	
208	LD03-32	Biodiversity	High Landscape S	1.9	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	
210	LD03-32	Timber Production	High Landscape S	6.7	0.7	4.8	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.0	

