



Coillte Teoranta

# Forest Management Plan

Ballinalee

LD02

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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# Introduction

Forest: LD02 Ballinalee  
District: N3 District Manager PJ Fitzpatrick

Ballinalee forest is situated in north Co. Longford. The topography of the forest is mainly low lying. The Shannon is the main river that flows along the western boundary of this forest. The main N4 road passes through this forest.

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

The main towns and villages located in the catchment area of Ballinalee forest are Ballinalee, Drumlish, Longford, Edgeworthstown, Abbeylara.

The management focus for the forest is concerned with timber production and biodiversity management primarily. Farm partnerships account for 5%, or 72 ha, of the timber productive areas in Ballinalee forest. Over 25 ha of raised bog in Asnagh/Coolamber, will be restored under the LIFE project. 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 160 ha is due for clearfell with an annual average of 41 ha over the plan period.

The expected timber production is estimated to be 94,768 m<sup>3</sup> over the plan period with an annual average of 18,953 m<sup>3</sup>.

Over 90%, or 1074 ha, of the 'conifer high forest' in Ballinalee forest is due to be thinned. The majority of Ballinalee forest will receive at least three thinnings.

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**

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	1,342.4	86.3%
Biodiversity	187.2	12.0%
Conservation	25.2	1.6%
<b>Total</b>	<b>1,554.8</b>	<b>100.0%</b>

**Table 2 Area by Special Consideration**

<b>Forest:</b>	LD02	Ballinalee	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Archaeology		13.0	0.8%
Farm Partnership		72.1	4.6%
Fisheries Protection		10.3	0.7%
High Landscape Sensitivity		23.3	1.5%
IFUT		21.7	1.4%
Legal		92.9	6.0%
Life Project		25.2	1.6%
NWS		6.1	0.4%
None		1,163.8	74.8%
Old Woodland Site		121.3	7.8%
ROW Problems		5.1	0.3%
<b>Total</b>		<b>1,554.8</b>	<b>100.0%</b>



Table 3 Area by Fell Year

Forest: LD02

Ballinalee

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	36.6	
2007	11.7	
2008	92.3	
2009	45.5	
<b><u>5 Year Total and Average</u></b>	<b><u>186.1</u></b>	<b><u>23.26</u></b>
2010	18.0	
2011	28.2	
2012	42.8	
2013	65.5	
2014	33.0	
<b><u>5 Year Total and Average</u></b>	<b><u>187.5</u></b>	<b><u>18.75</u></b>
2015	23.2	
2016	26.3	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	14.7	
2018	14.1	
2019	12.9	
<b><u>5 Year Total and Average</u></b>	<b><u>91.2</u></b>	<b><u>9.12</u></b>
2020	37.6	
2021	9.6	
2022	6.3	
2023	9.7	
2024	27.7	
<b><u>5 Year Total and Average</u></b>	<b><u>90.9</u></b>	<b><u>10.10</u></b>

**Table 4 Area by Species Group**

Forest:	LD02	Ballinalee	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	3.9	0.3
	ASH	8.3	0.6
	BE	1.9	0.1
	BI	59.5	4.3
	FIR	0.6	0.0
	LAR	27.2	2.0
	LP	147.6	10.7
	NS	537.1	38.8
	OAK	2.1	0.2
	OB	17.9	1.3
	OC	0.8	0.1
	OP	14.1	1.0
	SS	563.3	40.7
		<b>1,384.1</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: LD02 Ballinalee

<b>2006</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
212	LD02-4	Timber Production	None	8.4		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	
66	LD02-10	Timber Production	None	11.1	2.2	8.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
201	LD02-16	Timber Production	None	4.1	0.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
211	LD02-17	Timber Production	None	2.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
77	LD02-21	Timber Production	None	10.5	1.0	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	
<b>Total MU Area</b>				<b>36.6</b>															
<b>2007</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
159	LD02-11	Timber Production	Old Woodland Si	11.7	1.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	
<b>Total MU Area</b>				<b>11.7</b>															
<b>2008</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				





2010		Total MU Area		Area (ha)														
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB	
84	LD02-9	Timber Production	None	18.0	1.8	8.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		Total MU Area		18.0														