



Coillte Teoranta

Forest Management Plan

Arra

TY02

2006 to 2010

District Manager

Gerry Murphy

District

S2



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Introduction

Forest: TY02 Arra
District: S2 District Manager Gerry Murphy

Arra forest is situated in The north western point of County Tipperary and stretches from the western shores of lough derg to the town of Nenagh on the east and is divided from the Silvermines mountain range to the south east by the main Dublin Limerick road (N7). The forest is located in the Shannon river catchments area. The forest area owned by Coillte is 808 with a combination of upland single species forest stretching from the arra mountains to the low lying diverse species forest along the shores of lough derg. One of the main attributes of the forest is the high scenic and recreational value, with panoramic views of lough derg from the foothills and forest walks along the shores of the lake at Castletown. One of the most outstanding scenes in the locality is the public viewing point at Castletown property known as the lookout where looking northwards one can view the lake in all its splendour along with counties Clare, Galway and Offaly.

The main soil type in Arra are podzols, peats and gleys in upland areas with mineral soils in the lower elevations near lough derg.

The main towns and villages located in the catchment area of Arra forest are Nenagh to the east with the town of Ballina/Killaloe at the southern point of lough Derg. Villages such as Dromineer, Garrykennedy and Terryglass on the lakeshore provide facilities for recreational users of the Lake.

The management focus for the forest is concerned with producing good quality sawlogs and residues for the sawmilling and pulp processing industries. Maintaining and enhancing the main environmental and recreational attributes of the forest. The primary focus on the expansion of the forest area will be through the farm partnership scheme with the current level of 3.0% expected to increase.

In the period 2006-2009 the average annual clear-fell will be 24.9 hectares or 3.1% of total stocked area. The total area to be clear-felled in the four year period is 99.7 hectares or 12.3% of total stocked area. The average clear-fell area will fall to 17.2 hectares for the period 2010-2014, and will further decrease to 13.7 hectares for the period 2016-2019. For the period 2020-2024 the average annual clear-fell area will increase slightly to 14.2 hectares.

Total clear-fell volume for the period 2006 - 2009 is 27,104m³.

The forest contains 3 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

Forest:	TY02	Arra	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		664.1	82.2%
Biodiversity		141.1	17.5%
Conservation		1.7	0.2%
Non-forest Commercial		0.3	0.0%
Recreation		0.7	0.1%
Total		808.0	100.0%



Table 2 Area by Special Consideration

Forest:	TY02	Arra	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Farm Partnership		24.3	3.0%
Fisheries Protection		4.0	0.5%
High Landscape Sensitivity		69.6	8.6%
IFUT		95.9	11.9%
Legal		4.8	0.6%
Long-term Leased		0.2	0.0%
None		555.4	68.7%
Old Woodland Site		2.8	0.3%
Recreation Site		40.7	5.0%
Statutory Designation		10.2	1.3%
Total		808.0	100.0%



Table 3 Area by Fell Year

Forest: TY02

Arra

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	24.7	
2007	10.0	
2008	25.8	
2009	39.2	
<u>5 Year Total and Average</u>	<u>99.7</u>	<u>12.47</u>
2010	0.0	
2011	3.9	
2012	21.1	
2013	61.0	
2014	13.4	
<u>5 Year Total and Average</u>	<u>99.4</u>	<u>11.05</u>
2015	13.2	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	15.7	
2019	26.0	
<u>5 Year Total and Average</u>	<u>54.9</u>	<u>6.86</u>
2020	31.6	
2021	27.6	
2022	0.0	
2023	0.0	
2024	11.9	
<u>5 Year Total and Average</u>	<u>71.1</u>	<u>10.16</u>

Table 4 Area by Species Group

Forest:	TY02	Arra	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	1.4	0.2
	ASH	8.0	1.1
	BE	15.2	2.0
	BI	2.2	0.3
	DF	12.9	1.7
	FIR	9.2	1.2
	LAR	30.9	4.1
	LP	55.6	7.4
	NS	40.3	5.4
	OAK	2.1	0.3
	OB	3.3	0.4
	OP	3.8	0.5
	SS	560.1	74.9
	WRC	3.2	0.4
		748.1	100.0



Table 5 Listing of Restocking MUs

Forest: TY02 Arra

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				
3	TY02-1	Biodiversity	Recreation Site	6.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.5	0.5	0.0		
20	TY02-5	Timber Production	None	13.0	2.0	8.9	0.0	0.0	1.7	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0		
31	TY02-6	Timber Production	None	4.3	0.6	2.9	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		
76	TY02-6	Timber Production	None	1.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				24.7															
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				
34	TY02-6	Timber Production	None	10.0	2.0	5.6	1.2	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
Total MU Area				10.0															
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				
7	TY02-2	Biodiversity	High Landscape S	7.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.8	0.6	0.0	0.0		



8	TY02-2	Timber Production	High Landscape S	4.1	0.6	2.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
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38	TY02-6	Timber Production	None	14.6	2.2	7.5	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2
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Total MU Area 25.8

2009

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

9	TY02-2	Timber Production	High Landscape S	9.5	1.4	2.4	0.0	0.0	1.6	3.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0
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30	TY02-6	Timber Production	None	13.8	2.2	10.1	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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63	TY02-8	Timber Production	IFUT	8.3	1.2	5.7	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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68	TY02-8	Timber Production	IFUT	7.7	1.1	5.2	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Total MU Area 39.2

