



Coillte Teoranta

Forest Management Plan

Barnahown

TY20

2006 to 2010

District Manager

Liam Cleary

District

S1



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Introduction

Forest: TY20 Barnahown
District: S1 District Manager Liam Cleary

Barnahown forest is situated in South Tipperary on the Southern slopes of the Knockmealdown mountain range. It is drained by the Araglin river which is a tributary of the Blackwater river.

The main soil type in Barnahown are Peaty podsols

The main towns and villages located in the catchment area of Barnahown forest are Araglin.

The management focus for the forest is concerned with timber production.

2008 - 14.4 ha

2010 - 30.8 ha

2008 - 4045 m³

2010 - 3335 m³

Standard - 48%, Local -14.3%, 3 Thinnings - 13.7%, 2 Thinnings - 17.6%, Solitary Thin -24%, No Thin 4.3%

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

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	597.1	61.8%
Biodiversity	369.5	38.2%
Total	966.6	100.0%



Table 2 Area by Special Consideration

Forest:	TY20	Barnahown	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Experimentation		1.9	0.2%
Fisheries Protection		15.2	1.6%
Legal		354.3	36.7%
None		592.9	61.3%
Potential Sale		2.3	0.2%
Total		966.6	100.0%



Table 3 Area by Fell Year

Forest: TY20

Barnahown

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	2.9	
2007	0.0	
2008	14.4	
2009	0.0	
<u>5 Year Total and Average</u>	<u>17.2</u>	<u>2.87</u>
2010	13.9	
2011	18.8	
2012	0.0	
2013	0.0	
2014	11.1	
<u>5 Year Total and Average</u>	<u>43.8</u>	<u>5.48</u>
2015	0.0	
2016	50.9	



<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>50.9</u>	<u>8.49</u>
2020	0.0	
2021	74.3	
2022	16.5	
2023	0.0	
2024	7.3	
<u>5 Year Total and Average</u>	<u>98.2</u>	<u>14.02</u>

Table 4 Area by Species Group

Forest:	TY20	Barnahown	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	BI	1.3	0.2
	FIR	10.6	1.8
	LAR	27.1	4.5
	LP	167.1	28.0
	NS	1.3	0.2
	OP	6.7	1.1
	SS	382.7	64.1
		596.8	100.0



Table 5 Listing of Restocking MUs

Forest: TY20 Barnahown

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				
99	TY19-9,3	Timber Production	None	2.9	0.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0		
Total MU Area				2.9															
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	TY20-2	Timber Production	None	14.4	2.2	9.8	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				14.4															
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				
71	TY20-1	Timber Production	None	13.9	2.1	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0		
Total MU Area				13.9															

