



Coillte Teoranta

Forest Management Plan

Knockmealdowns

TY19

2006 to 2010

District Manager

District

Liam Cleary

S1



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Introduction

Forest: TY19 Knockmealdowns
District: S1 District Manager Liam Cleary

Knockmealdowns forest is situated in South Tipperary on the Knockmealdown mountain range. The forest is drained by the Suir and its tributaries.

The main soil type in Knockmealdowns are Compacted old red sandstone podsols.

The main towns and villages located in the catchment area of Knockmealdowns forest are Newcastle, Clogheen, Ballyporeen and Goatenbridge

The management focus for the forest is concerned with timber production. Rhododendron is a major problem in this forest.

2006 - 9.7 ha, 2007 - 94 ha, 2008 - 59.1 ha, 2009 - 34.1 ha

2007 - 19661 m³, 2008 - 16420 m³, 2009 - 6981 m³, 2010 - 4468 m³

Standard - 46.1%, Local -13.3%, 3 Thinnings - 3%, 2 Thinnings - 15%, Solitary Thin -9.4%, No Thin 13.2%

The forest contains 1 and 2 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	2,950.5	63.4%
Biodiversity	1,697.6	36.5%
Non-forest Commercial	3.0	0.1%
Recreation	1.1	0.0%
Seed Stand	2.5	0.1%
Total	4,654.7	100.0%



Table 2 Area by Special Consideration

Forest: TY19 Knockmealdowns

<u>SPECIAL CONSIDERATION</u>	<u>AREA (ha)</u>	<u>%</u>
Access - Other	4.7	0.1%
Archaeology	92.0	2.0%
Experimentation	2.6	0.1%
Fisheries Protection	37.2	0.8%
High Landscape Sensitivity	161.5	3.5%
IFUT	23.4	0.5%
Legal	5.1	0.1%
Lettings	0.3	0.0%
None	3,911.7	84.0%
Old Woodland Site	5.6	0.1%
Potential Sale	20.1	0.4%
Recreation Site	1.9	0.0%
Water Supply	371.1	8.0%
Wildlife	17.6	0.4%

Total

4,654.7

100.0%



Table 3 Area by Fell Year

Forest: TY19

Knockmealdowns

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	8.2	
2007	80.9	
2008	51.2	
2009	34.1	
<u>5 Year Total and Average</u>	<u>174.4</u>	<u>21.79</u>
2010	76.2	
2011	11.5	
2012	78.4	
2013	150.1	
2014	54.1	
<u>5 Year Total and Average</u>	<u>370.3</u>	<u>37.03</u>
2015	113.0	
2016	24.2	
2017	42.5	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2018	31.0	
2019	24.4	
<u>5 Year Total and Average</u>	<u>235.0</u>	<u>23.50</u>
2020	145.4	
2021	58.2	
2022	51.3	
2023	29.4	
2024	35.1	
<u>5 Year Total and Average</u>	<u>319.3</u>	<u>35.48</u>

Table 4 Area by Species Group

Forest: TY19 Knockmealdowns

<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
ALD	8.2	0.3
ASH	1.3	0.0
BE	3.7	0.1
BI	8.7	0.3
DF	26.6	1.0
FIR	28.5	1.1
LAR	249.4	9.3
LP	955.6	35.8
NS	8.0	0.3
OAK	3.2	0.1
OB	5.4	0.2
OC	6.0	0.2
OP	132.3	5.0
SS	1,182.7	44.3
WRC	49.8	1.9
	2,669.4	100.0



29	TY19-2	Timber Production	Water Supply	12.7	1.9	0.0	9.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142	TY19-10	Timber Production	None	0.9	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
170	TY19-12	Timber Production	None	8.5	1.3	3.6	0.0	0.0	2.9	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
116	TY19-17	Timber Production	None	2.2	0.3	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 34.1

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
12	TY19-1	Timber Production	None	28.4	9.9	0.0	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
55	TY19-4	Timber Production	None	22.5	3.4	7.6	9.6	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72	TY19-6	Timber Production	None	2.8	0.4	0.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130	TY19-10	Timber Production	None	12.2	4.9	3.7	2.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154	TY19-12	Timber Production	None	2.5	0.4	0.0	0.0	0.0	0.0	1.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0
192	TY19-14	Timber Production	None	5.1	0.8	3.1	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
94	TY19-16	Timber Production	None	2.7	0.4	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0



Total MU Area

76.2