



Coillte Teoranta

Forest Management Plan

Mullinavat

KK05

2006 to 2010

District Manager

District

Michael Power

E2



Table of Contents

	Introduction
Table 1	Area by Objective
Table 2	Area by Special Consideration
Table 3	Area by Fell Year
Table 4	Area by Species Group
Table 5	Listing of Restocking MUs

Map 3.1 Location Map

Map 3.2 Clearfell Areas

Map 3.3 Thinning Areas

Map 3.4 Restocking Map



Introduction

Forest: KK05 Mullinavat
District: E2 District Manager Michael Power

Mullinavat forest is situated in South Kilkenny

The main soil type in Mullinavat are gley with some brown earths (approx 20%).

The main towns and villages located in the catchment area of Mullinavat forest are Mullinavat, Glenmore and Slieverue villages. The total area of Coillte forest in Mullinavat is 1,892 ha and the total land area is 24,457 ha. The forest is made up of 176 management units. The 'SmartPly' OSB mill is situated in the south of this forest.

The management focus for the forest is concerned with timber production. The long term goal for the forest is to increase species diversity and that all forest operations are carried out to high environmental, social and economic standards.

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	1,830.9	96.7%
Biodiversity	62.2	3.3%
Total	1,893.1	100.0%



Table 2 Area by Special Consideration

Forest:	KK05	Mullinavat	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		3.6	0.2%
Experimentation		6.5	0.3%
Farm Partnership		115.8	6.1%
None		1,714.3	90.6%
Old Woodland Site		34.4	1.8%
ROW Problems		9.1	0.5%
Statutory Designation		4.4	0.2%
Wildlife		5.0	0.3%
Total		1,893.1	100.0%



Table 3 Area by Fell Year

Forest: KK05

Mullinavat

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	1.9	
2007	62.2	
2008	0.0	
2009	28.9	
<u>5 Year Total and Average</u>	<u>93.0</u>	<u>13.29</u>
2010	42.4	
2011	69.4	
2012	49.8	
2013	54.2	
2014	2.2	
<u>5 Year Total and Average</u>	<u>217.9</u>	<u>21.79</u>
2015	21.2	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	30.5	
2019	27.2	
<u>5 Year Total and Average</u>	<u>78.9</u>	<u>9.86</u>
2020	72.9	
2021	9.6	
2022	23.7	
2023	35.2	
2024	20.8	
<u>5 Year Total and Average</u>	<u>162.2</u>	<u>18.02</u>

Table 4 Area by Species Group

Forest:	KK05	Mullinavat	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	31.8	1.7
	ASH	2.5	0.1
	BE	11.6	0.6
	BI	24.5	1.3
	DF	13.5	0.7
	FIR	52.9	2.9
	LAR	51.0	2.8
	LP	95.0	5.2
	NS	21.8	1.2
	OAK	0.6	0.0
	OB	5.4	0.3
	OC	0.3	0.0
	OP	1.6	0.1
	SS	1,529.1	83.0
		1,841.8	100.0



Table 5 Listing of Restocking MUs

Forest: KK05 Mullinavat

2006																	
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
240	KK05-6	Timber Production	None	1.9	0.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Total MU Area				1.9													
2007																	
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
62	KK05-6	Timber Production	None	23.9	3.6	16.3	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
61	KK05-8	Timber Production	None	15.6	2.3	9.3	2.7	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139	KK05-8	Timber Production	None	4.6	0.7	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
147	KK05-8	Timber Production	None	18.1	2.7	12.3	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
Total MU Area				62.2													
2009																	
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
11	KK05-2	Timber Production	None	14.8	2.2	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0



173	KK05-2	Timber Production	None	3.9	0.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
170	KK05-6	Timber Production	None	2.3	0.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
171	KK05-9	Timber Production	None	7.9	1.2	6.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0

Total MU Area 28.9

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
234	KK05-2	Timber Production	None	5.3		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94	KK05-6	Timber Production	None	16.6	2.5	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0
133	KK05-8	Timber Production	None	7.7	1.2	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
140	KK05-8	Timber Production	None	12.8	1.9	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0
Total MU Area				42.4													

