



Coillte Teoranta

# Forest Management Plan

Hortland

KE07

2006 to 2010

District Manager

Richard Whelan

District

E3



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# Introduction

Forest: KE07

Hortland

District: E3

District Manager

Richard Whelan

Hortland forest is situated in Co. Kildare (mid)

The main soil type in Hortland are Midland Bog and Cutaway

The main towns and villages located in the catchment area of Hortland forest are Rathangan, Robertstown, Prosperous, Innfield

The management focus for the forest is concerned with Timber production, Biodiversity

Long Term Goal is : Timber production + Biodiversity

The forest contains 0 and 3 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	507.9	83.4%
Biodiversity	100.9	16.6%
<b>Total</b>	<b>608.8</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	KE07	Hortland	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Farm Partnership		10.3	1.7%
None		535.3	87.9%
ROW Problems		7.4	1.2%
Water Supply		55.7	9.2%
<hr/> <b>Total</b>		<hr/> <b>608.8</b>	<hr/> <b>100.0%</b>



Table 3 Area by Fell Year

Forest: KE07

Hortland

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	0.0	
2007	21.5	
2008	7.4	
2009	30.0	
<u>5 Year Total and Average</u>	<u>58.9</u>	<u>8.41</u>
2010	51.6	
2011	0.0	
2012	0.0	
2013	34.3	
2014	34.9	
<u>5 Year Total and Average</u>	<u>120.8</u>	<u>15.10</u>
2015	0.0	
2016	26.7	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	15.5	
	2018	0.0	
	2019	19.9	
<u>5 Year Total and Average</u>		<u>62.0</u>	<u>7.75</u>
	2020	21.9	
	2021	0.0	
	2022	0.0	
	2023	0.0	
<u>5 Year Total and Average</u>		<u>21.9</u>	<u>4.38</u>

Table 4 Area by Species Group

Forest:	KE07	Hortland	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ASH	18.3	3.1
	BE	1.2	0.2
	BI	28.8	4.9
	DF	15.5	2.6
	FIR	1.9	0.3
	LAR	4.3	0.7
	LP	110.7	18.8
	NS	165.1	28.0
	OAK	0.5	0.1
	OB	7.5	1.3
	OC	1.9	0.3
	OP	28.2	4.8
	SS	198.6	33.7
	WRC	6.8	1.2
		<b>589.3</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: KE07 Hortland

<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>				
78	KE07-1	Timber Production	Water Supply	5.8	0.9	2.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	KE07-8	Timber Production	None	15.7	2.4	8.0	5.3	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>21.5</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>				
32	KE07-10	Biodiversity	ROW Problems	7.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	3.8	0.0	0.0	0.0	0.6	
<b>Total MU Area</b>				<b>7.4</b>															
<b>2009</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>				
92	KE07-1	Timber Production	None	6.2	0.9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0		
9	KE07-2	Timber Production	None	5.7	0.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0		
24	KE07-9	Timber Production	None	18.1	2.7	7.7	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>30.0</b>															



