



Coillte Teoranta

Forest Management Plan

Ballynoe

CK15

2006 to 2010

District Manager

District

Pat Roche

S3



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Introduction

Forest: CK15 Ballynoe
District: S3 District Manager Pat Roche

Ballynoe forest is situated in East Cork. It extends from Cork Harbour through Midleton to Castlelyons, eastwards to Conna and south to Youghal, along the Tallow/Youghal road, to the Atlantic. It is part of the Cork District S3 and will be known as CK15.

The main soil type in Ballynoe are Brown podsolics and gleys associated with ORS and Carboniferous Limestone.

The main towns and villages located in the catchment area of Ballynoe forest are Midleton, Agadha, Castlemyarty, Killeagh, Cloyne, Dungourney, Ballynoe, Conna and Castlelyons.

The management focus for the forest is concerned with Timber production, biodiversity, amenity and recreation.

Clear fell areas from 2006-2009 average 38ha.
In SAC and NHA areas FS guidelines are applied.

shows that 78,000 m³ will be harvested from 164ha yielding 474m³ per ha.

Slandered thin plus local amounts to 94%. Overall 99% of the forest carries thinning prescriptions

The forest contains 7 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

Forest:	CK15	Ballynoe	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,706.3	76.4%
Biodiversity		469.5	21.0%
Non-forest Commercial		3.4	0.2%
Seed Stand		54.8	2.5%
Total		2,234.0	100.0%

Table 2 Area by Special Consideration

Forest:	CK15	Ballynoe	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		23.1	1.0%
Archaeology		18.8	0.8%
Experimentation		8.3	0.4%
Farm Partnership		108.1	4.8%
Fisheries Protection		16.4	0.7%
High Landscape Sensitivity		17.8	0.8%
IFUT		228.8	10.2%
Long-term Leased		122.0	5.5%
None		1,464.2	65.5%
Old Woodland Site		22.5	1.0%
Potential Sale		3.4	0.2%
ROW Problems		2.9	0.1%
Recreation Site		128.2	5.7%
Statutory Designation		47.7	2.1%

Water Supply

21.8

1.0%

Total

2,234.0

100.0%



Table 3 Area by Fell Year

Forest: CK15

Ballynoe

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	26.5	
2007	49.2	
2008	64.8	
2009	22.2	
<u>5 Year Total and Average</u>	<u>162.7</u>	<u>20.34</u>
2010	55.5	
2011	39.5	
2012	45.6	
2013	63.4	
2014	12.1	
<u>5 Year Total and Average</u>	<u>216.1</u>	<u>21.61</u>
2015	86.9	
2016	11.1	
2017	7.1	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2018	8.5	
2019	0.0	
<u>5 Year Total and Average</u>	<u>113.6</u>	<u>12.63</u>
2020	3.9	
2021	23.7	
2022	29.0	
2023	33.2	
2024	48.2	
<u>5 Year Total and Average</u>	<u>138.0</u>	<u>15.33</u>

Table 4 Area by Species Group

Forest:	CK15	Ballynoe	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	29.0	1.3
	ASH	67.0	3.1
	BE	59.1	2.7
	BI	11.8	0.5
	DF	93.5	4.3
	FIR	22.8	1.1
	LAR	191.1	8.8
	LP	39.5	1.8
	NS	66.3	3.1
	OAK	31.3	1.4
	OB	34.9	1.6
	OC	2.1	0.1
	OP	43.1	2.0
	SS	1,455.6	67.3
	WRC	15.8	0.7
		2,162.9	100.0



Table 5 Listing of Restocking MUs

Forest: CK15 Ballynoe

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				
24	CK15-4	Timber Production	IFUT	22.0	3.3	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0		
28	CK15-7	Timber Production	IFUT	2.4	0.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
41	CK15-21	Biodiversity	Recreation Site	2.1	0.3	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				26.5															
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				
10	CK15-4	Biodiversity	IFUT	9.5	1.4	2.4	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
144	CK15-6	Timber Production	None	5.3	1.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0		
142	CK15-9	Timber Production	None	5.3	0.8	2.7	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
145	CK15-13	Timber Production	None	15.7	2.4	12.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
146	CK15-13	Timber Production	None	13.4	2.0	11.4	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				49.2															



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				
3	CK15-1	Biodiversity	None	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
148	CK15-12	Timber Production	None	2.1	0.3	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
147	CK15-14	Timber Production	None	23.5	3.5	18.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
163	CK15-14	Biodiversity	Water Supply	21.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	
45	CK15-18	Timber Production	None	3.7	0.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
43	CK15-20	Biodiversity	Recreation Site	1.6	0.5	0.0	0.0	0.0	0.0	0.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
44	CK15-25	Timber Production	Archaeology	5.1	0.8	0.0	0.0	0.0	2.2	0.0	0.0	0.9	0.4	0.4	0.0	0.0	0.0	0.0	
48	CK15-27	Biodiversity	Recreation Site	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.4	
49	CK15-27	Biodiversity	None	2.4	0.4	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				64.8															
2009																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				



153	CK15-9	Seed Stand	None	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176	CK15-14	Timber Production	None	3.1	0.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94	CK15-17	Timber Production	None	5.2	0.8	3.6	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218	CK15-25	Timber Production	None	1.5	0.2	0.0	0.0	0.0	0.8	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0
Total MU Area				22.2													

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	
166	CK15-14	Timber Production	None	20.4	3.1	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	
167	CK15-14	Timber Production	None	15.5	2.3	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
197	CK15-20	Biodiversity	Recreation Site	2.8	1.1	0.0	0.0	0.0	0.0	1.2	0.0	0.5	0.0	0.0	0.0	0.0	
55	CK15-27	Biodiversity	Recreation Site	16.8	2.5	0.0	0.0	7.2	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	
Total MU Area				55.5													