



Coillte Teoranta

Forest Management Plan

Castlepollard

WH01

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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Introduction

Forest: WH01 Castlepollard
District: N3 District Manager PJ Fitzpatrick

Castlepollard forest is situated in north Co. Westmeath. The topography is mainly low lying. Lough Derravaragh, Lough Lene and Lough Sheelin are the main lakes in this forest. Mullaghmeen property is the largest man-made broadleaf plantation in Europe and receives frequent recreational use.

The main soil type in Castlepollard are raised peat and gleys.

The main towns and villages located in the catchment area of Castlepollard forest are Castlepollard, Coole, Fore, Collinstown, Finnea.

The management focus for the forest is concerned with timber production, recreation and biodiversity management primarily. Farm partnerships account for almost 5%, or 66 ha, of Castlepollard forest. The long term aim of the forest is to continue with timber production, manage farm partnerships efficiently, implement native woodland scheme, protect and enhance old woodland sites, protect archaeology and waterways and ecological plans for selected sites.

Over 280 ha is due for clearfell with an annual average of 70 ha over the plan period.

The expected timber production is estimated to be 107,840 m³ over the plan period with an annual average of 21,568 m³.

Over 80% of the 'conifer high forest' in Castlepollard forest is due to be thinned. The majority of the forest will receive at least three thinnings.

The forest contains 4 and 0 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	1,206.8	78.8%
Biodiversity	256.4	16.8%
Conservation	67.4	4.4%
Total	1,530.6	100.0%



Table 2 Area by Special Consideration

Forest:	WH01	Castlepollard	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		0.2	0.0%
Farm Partnership		65.9	4.3%
Fisheries Protection		41.5	2.7%
Legal		19.7	1.3%
NWS		52.3	3.4%
None		870.6	56.9%
Old Woodland Site		29.4	1.9%
Other Financial Partner		7.0	0.5%
Recreation Site		362.7	23.7%
Statutory Designation		81.3	5.3%
Total		1,530.6	100.0%



Table 3 Area by Fell Year

Forest: WH01

Castlepollard

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	71.3	
2007	94.7	
2008	74.3	
2009	59.5	
<u>5 Year Total and Average</u>	<u>299.8</u>	<u>37.48</u>
2010	65.3	
2011	56.7	
2012	76.0	
2013	66.5	
2014	18.2	
<u>5 Year Total and Average</u>	<u>282.7</u>	<u>28.27</u>
2015	102.1	
2016	22.1	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	19.3	
	2018	50.6	
	2019	4.0	
<u>5 Year Total and Average</u>		<u>198.1</u>	<u>19.81</u>
	2020	17.9	
	2021	0.0	
	2022	22.5	
	2023	11.3	
<u>5 Year Total and Average</u>		<u>51.7</u>	<u>7.39</u>

Table 4 Area by Species Group

Forest:	WH01	Castlepollard	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	3.6	0.2
	ASH	71.3	4.8
	BE	238.2	16.1
	BI	69.8	4.7
	DF	2.7	0.2
	FIR	34.3	2.3
	LAR	41.3	2.8
	LP	163.5	11.0
	NS	212.9	14.3
	OAK	22.4	1.5
	OB	29.1	2.0
	OC	0.7	0.0
	OP	73.7	5.0
	SS	519.7	35.0
	WRC	0.8	0.1
		1,483.8	100.0



Table 5 Listing of Restocking MUs

Forest: WH01 Castlepollard

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				
151	WH01-1	Timber Production	Recreation Site	12.5	2.5	0.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
102	WH01-2	Biodiversity	None	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.3	0.3	0.0	0.0	0.0	
54	WH01-5	Timber Production	None	14.9	1.5	8.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
161	WH01-6	Conservation	NWS	16.1	3.2	0.0	0.0	3.0	0.0	0.0	0.0	1.5	0.0	0.0	3.0	0.0	0.0	0.0	
163	WH01-6	Timber Production	Statutory Designat	1.8	0.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
139	WH01-14	Timber Production	None	4.2	0.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
115	WH01-15	Timber Production	None	15.9	1.6	11.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
89	WH01-19	Timber Production	None	2.1	0.2	1.8	0.0	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				71.3															
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				



153	WH01-1	Timber Production	Recreation Site	13.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	1.0	0.0	0.0
154	WH01-1	Timber Production	Recreation Site	43.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	13.7	6.9	13.7	0.0	0.0	0.0
160	WH01-1	Timber Production	Recreation Site	16.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	3.9	2.6	5.2	1.3	0.0	0.0
168	WH01-6	Timber Production	Statutory Designat	15.7	3.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
140	WH01-12	Timber Production	None	6.9	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

Total MU Area 94.7

2008 MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
159	WH01-1	Timber Production	Recreation Site	44.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	7.1	7.1	14.2	7.1	0.0	0.0
175	WH01-1	Timber Production	None	2.9		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68	WH01-5	Timber Production	None	6.4	0.6	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116	WH01-15	Timber Production	None	5.3	0.5	3.3	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95	WH01-20	Timber Production	None	15.5	0.8	11.0	0.0	0.0	0.7	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0
Total MU Area				74.3													

