



Coillte Teoranta

Forest Management Plan

Burren

CE01

2006 to 2010

District Manager

Joe Duffy

District

W1



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: CE01 Burren
District: W1 District Manager Joe Duffy

Burren forest is situated in north-west Clare. The main river catchments in this forest are the Aille, Ballymacravan, Fergus rivers.

The main soil type in Burren are gleys and podsols.

The main towns and villages located in the catchment area of Burren forest are Lisdoonvarna, Kilfenora, Corofin & Ennistymon.

The management focus for the forest is concerned with timber production. The management objective is to develop silvicultural systems which are compatible with local habitat.

Over the next 20 years the average area being clearfelled amounts to 68ha per annum. This is under 2% of the overall forest area each year.

The expected clearfell production in the forest is 101,000m³ between 2006-2010 inclusive. This is an average of 380m³ per hectare.

Due to its unstable sites and its proximity to the Atlantic Ocean 44% of the forest has an 'no thin' or 'solitary thin' status. 21% will be thinned to STD specification.

The forest contains 0 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 | 2,967.8 | 85.3% |
| Biodiversity | 483.3 | 13.9% |
| Non-forest Commercial | 27.1 | 0.8% |
| Total | 3,478.1 | 100.0% |



Table 2 Area by Special Consideration

| Forest: | CE01 | Burren | |
|-------------------------------------|-------------|-------------------------|-----------------|
| <u>SPECIAL CONSIDERATION</u> | | <u>AREA (ha)</u> | <u>%</u> |
| Fisheries Protection | | 30.6 | 0.9% |
| Legal | | 18.1 | 0.5% |
| Life Project | | 69.4 | 2.0% |
| None | | 3,290.2 | 94.6% |
| Old Woodland Site | | 9.4 | 0.3% |
| Potential Sale | | 35.3 | 1.0% |
| Statutory Designation | | 25.2 | 0.7% |
| Total | | 3,478.1 | 100.0% |



Table 3 Area by Fell Year

Forest: CE01

Burren

| <u>FELL YEAR</u> | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|----------------------------------------|---------------------|-----------------------|
| 2006 | 87.6 | |
| 2007 | 144.5 | |
| 2008 | 37.5 | |
| 2009 | 41.3 | |
| <u>5 Year Total and Average</u> | <u>310.9</u> | <u>38.86</u> |
| 2010 | 53.1 | |
| 2011 | 95.7 | |
| 2012 | 54.7 | |
| 2013 | 33.7 | |
| 2014 | 53.0 | |
| <u>5 Year Total and Average</u> | <u>290.2</u> | <u>29.02</u> |
| 2015 | 78.3 | |
| 2016 | 0.0 | |



| <u>FELL YEAR</u> | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|----------------------------------------|---------------------|-----------------------|
| 2017 | 39.5 | |
| 2018 | 31.9 | |
| 2019 | 59.0 | |
| <u>5 Year Total and Average</u> | <u>208.6</u> | <u>23.18</u> |
| 2020 | 94.5 | |
| 2021 | 69.4 | |
| 2022 | 154.9 | |
| 2023 | 89.0 | |
| 2024 | 148.7 | |
| <u>5 Year Total and Average</u> | <u>556.6</u> | <u>61.85</u> |

Table 4 Area by Species Group

| Forest: | CE01 | Burren | |
|---------|----------------------|------------------|--------------|
| | <u>SPECIES GROUP</u> | <u>AREA (ha)</u> | <u>%</u> |
| | ALD | 1.5 | 0.0 |
| | ASH | 36.0 | 1.1 |
| | BE | 70.7 | 2.2 |
| | BI | 1.4 | 0.0 |
| | DF | 1.7 | 0.1 |
| | FIR | 6.5 | 0.2 |
| | LAR | 86.8 | 2.7 |
| | LP | 96.8 | 3.0 |
| | NS | 87.5 | 2.8 |
| | OAK | 0.3 | 0.0 |
| | OB | 62.7 | 2.0 |
| | OC | 2.5 | 0.1 |
| | OP | 20.6 | 0.6 |
| | SS | 2,703.6 | 85.1 |
| | WRC | 0.2 | 0.0 |
| | | 3,178.7 | 100.0 |



Table 5 Listing of Restocking MUs

Forest: CE01 Burren

| 2006 | | Objective | Special Considerations | MU Area (ha) | Area (ha) | | | | | | | | | | | | |
|----------------------|-------------|-------------------|------------------------|--------------|-----------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MU | Map Cutting | | | | Open | Spruce | LP | SP | LAR | FIR | OC | Oak | BE | Ash | BI | Ald | OB |
| 71 | CE01-11 | Timber Production | None | 12.5 | 1.9 | 8.5 | 1.1 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 |
| 73 | CE01-16 | Timber Production | None | 5.1 | 0.8 | 3.9 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 146 | CE01-16 | Timber Production | None | 24.6 | 3.7 | 16.8 | 0.0 | 0.0 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 |
| 296 | CE01-16 | Timber Production | None | 0.4 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 168 | CE01-21 | Timber Production | None | 21.2 | 3.2 | 16.2 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170 | CE01-22 | Timber Production | None | 12.3 | 1.2 | 10.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 297 | CE01-22 | Timber Production | None | 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 |
| 28 | CE01-33 | Timber Production | None | 9.6 | 1.4 | 6.6 | 1.2 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total MU Area | | | | 87.6 | | | | | | | | | | | | | |

| 2007 | | Objective | Special Considerations | MU Area (ha) | Area (ha) | | | | | | | | | | | | |
|------|-------------|-----------|------------------------|--------------|-----------|--------|----|----|-----|-----|----|-----|----|-----|----|-----|----|
| MU | Map Cutting | | | | Open | Spruce | LP | SP | LAR | FIR | OC | Oak | BE | Ash | BI | Ald | OB |



| | | | | | | | | | | | | | | | | | |
|-----|---------|-------------------|--------------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2 | CE01-1 | Timber Production | Life Project | 69.4 | 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 |
| 75 | CE01-10 | Timber Production | None | 19.6 | 2.9 | 13.3 | 2.5 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 306 | CE01-12 | Timber Production | None | 15.5 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50 | CE01-21 | Timber Production | None | 22.5 | 3.4 | 16.3 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 300 | CE01-24 | Timber Production | None | 4.3 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 304 | CE01-27 | Timber Production | None | 11.3 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 302 | CE01-37 | Timber Production | None | 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 144.5

| 2008 | | | | Area (ha) | | | | | | | | | | | | | | |
|-------------|--------------------|-------------------|-------------------------------|----------------------|-------------|---------------|-----------|-----------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--|
| MU | Map Cutting | Objective | Special Considerations | MU Area (ha) | Open | Spruce | LP | SP | LAR | FIR | OC | Oak | BE | Ash | BI | Ald | OB | |
| 80 | CE01-9 | Timber Production | None | 18.8 | 2.8 | 8.0 | 6.1 | 0.0 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 109 | CE01-15 | Timber Production | None | 4.8 | 0.7 | 3.7 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 74 | CE01-21 | Timber Production | None | 13.8 | 2.1 | 10.6 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | Total MU Area | 37.5 | | | | | | | | | | | | | |

