



Coillte Teoranta

# Forest Management Plan

Stack Mountains

KY03

2006 to 2010

District Manager

Gerry Murphy

District

S2



## 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: KY03 Stack Mountains  
District: S2 District Manager Gerry Murphy

Stack Mountains forest is situated in North Kerry among the Stack's mountain range

The main soil type in Stack Mountains are Peats, Podsol and Gley

The main towns and villages located in the catchment area of Stack Mountains forest are Castleisland, Lyracrumpane, Knocknagashel and Kilflynn

The management focus for the forest is concerned with the production of high quality sawlogs and the protection and enhancement of biodiversity and cultural features in the area

22.5% of the area is classed as no thin due to low yield classes and low stocking.

The remaining areas are to be thinned, receiving between 1 to 4 thinnings.

The forest contains 0 and 4 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     | 3,597.9          | 80.5%         |
| Biodiversity          | 852.0            | 19.1%         |
| Conservation          | 13.3             | 0.3%          |
| Non-forest Commercial | 7.0              | 0.2%          |
| Recreation            | 0.3              | 0.0%          |
| <b>Total</b>          | <b>4,470.5</b>   | <b>100.0%</b> |



**Table 2 Area by Special Consideration**

|                                     |      |                         |                     |
|-------------------------------------|------|-------------------------|---------------------|
| <b>Forest:</b>                      | KY03 | Stack Mountains         |                     |
| <b><u>SPECIAL CONSIDERATION</u></b> |      | <b><u>AREA (ha)</u></b> | <b><u>%</u></b>     |
| Farm Partnership                    |      | 68.8                    | 1.5%                |
| High Landscape Sensitivity          |      | 16.4                    | 0.4%                |
| Legal                               |      | 464.1                   | 10.4%               |
| None                                |      | 3,889.6                 | 87.0%               |
| Statutory Designation               |      | 31.7                    | 0.7%                |
| <hr/> <b>Total</b>                  |      | <hr/> <b>4,470.5</b>    | <hr/> <b>100.0%</b> |



**Table 3 Area by Fell Year**

**Forest: KY03**

**Stack Mountains**

| <u>FELL YEAR</u>                       | <u>AREA (ha)</u>    | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2006                                   | 7.2                 |                       |
| 2007                                   | 25.7                |                       |
| 2008                                   | 25.1                |                       |
| 2009                                   | 32.0                |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>90.0</u></b>  | <b><u>11.25</u></b>   |
| 2010                                   | 52.6                |                       |
| 2011                                   | 33.6                |                       |
| 2012                                   | 85.2                |                       |
| 2013                                   | 116.6               |                       |
| 2014                                   | 85.5                |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>373.5</u></b> | <b><u>37.35</u></b>   |
| 2015                                   | 134.0               |                       |
| 2016                                   | 0.0                 |                       |



| <u>FELL YEAR</u>                       | <u>AREA (ha)</u>    | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2017                                   | 85.2                |                       |
| 2018                                   | 89.3                |                       |
| 2019                                   | 157.1               |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>465.6</u></b> | <b><u>51.74</u></b>   |
| 2020                                   | 129.8               |                       |
| 2021                                   | 51.1                |                       |
| 2022                                   | 60.7                |                       |
| 2023                                   | 106.3               |                       |
| 2024                                   | 108.8               |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>456.7</u></b> | <b><u>50.74</u></b>   |

**Table 4 Area by Species Group**

Forest: KY03 Stack Mountains

| <u>SPECIES GROUP</u> | <u>AREA (ha)</u> | <u>%</u>     |
|----------------------|------------------|--------------|
| ALD                  | 15.1             | 0.4          |
| ASH                  | 23.4             | 0.6          |
| BE                   | 3.7              | 0.1          |
| BI                   | 34.5             | 0.9          |
| DF                   | 0.6              | 0.0          |
| FIR                  | 17.4             | 0.5          |
| LAR                  | 76.6             | 2.0          |
| LP                   | 137.1            | 3.6          |
| NS                   | 2.1              | 0.1          |
| OAK                  | 5.6              | 0.1          |
| OB                   | 16.7             | 0.4          |
| OP                   | 8.4              | 0.2          |
| SS                   | 3,447.9          | 90.9         |
| WRC                  | 3.5              | 0.1          |
|                      | <b>3,792.6</b>   | <b>100.0</b> |





|                      |         |                   |      |             |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----------------------|---------|-------------------|------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 239                  | KY03-23 | Timber Production | None | 7.7         | 0.8 | 5.9 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 |
| 248                  | KY03-23 | Timber Production | None | 8.3         | 1.2 | 6.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 |
| 277                  | KY03-24 | Timber Production | None | 4.0         | 0.6 | 3.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 345                  | KY03-32 | Timber Production | None | 9.9         | 1.5 | 7.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 |
| <b>Total MU Area</b> |         |                   |      | <b>32.0</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |

| <b>2010</b>          |                    |                   |                               |                     |                  |           |           |            |            |           |            |           |            |           |            |           |     |
|----------------------|--------------------|-------------------|-------------------------------|---------------------|------------------|-----------|-----------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-----|
| <b>MU</b>            | <b>Map Cutting</b> | <b>Objective</b>  | <b>Special Considerations</b> | <b>MU Area (ha)</b> | <b>Area (ha)</b> |           |           |            |            |           |            |           |            |           |            |           |     |
|                      |                    |                   |                               | <b>Open</b>         | <b>Spruce</b>    | <b>LP</b> | <b>SP</b> | <b>LAR</b> | <b>FIR</b> | <b>OC</b> | <b>Oak</b> | <b>BE</b> | <b>Ash</b> | <b>BI</b> | <b>Ald</b> | <b>OB</b> |     |
| 99                   | KY03-12            | Timber Production | None                          | 18.4                | 1.8              | 14.9      | 0.0       | 0.0        | 0.0        | 0.0       | 0.8        | 0.0       | 0.0        | 0.0       | 0.8        | 0.0       | 0.0 |
| 141                  | KY03-15            | Timber Production | None                          | 3.1                 | 0.5              | 2.5       | 0.0       | 0.0        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0        | 0.0       | 0.1        | 0.0       | 0.0 |
| 214                  | KY03-22            | Timber Production | None                          | 3.5                 | 0.3              | 3.0       | 0.0       | 0.0        | 0.2        | 0.0       | 0.0        | 0.0       | 0.0        | 0.0       | 0.0        | 0.0       | 0.0 |
| 242                  | KY03-23            | Timber Production | None                          | 15.2                | 2.3              | 11.0      | 0.0       | 0.0        | 1.3        | 0.0       | 0.0        | 0.0       | 0.0        | 0.6       | 0.0        | 0.0       | 0.0 |
| 319                  | KY03-29            | Timber Production | None                          | 12.5                | 1.2              | 9.5       | 0.0       | 0.0        | 1.1        | 0.0       | 0.0        | 0.0       | 0.0        | 0.6       | 0.0        | 0.0       | 0.0 |
| <b>Total MU Area</b> |                    |                   |                               | <b>52.6</b>         |                  |           |           |            |            |           |            |           |            |           |            |           |     |

