



Coillte Teoranta

# Forest Management Plan

Doolough

MO34

2006 to 2010

District Manager

District

Myles MacDonncadha

W3



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# Introduction

Forest: MO34 Doolough  
District: W3 District Manager Myles MacDonncadha

Doolough forest is situated in Mayo taking in an area stretching from Louisburgh in the North to Doo Lough in the South taking in the Sheffery range and Mweelrea mountains

The main soil type in Doolough are The main soil type in this forest is blanket peats. Overlying an acid mineral base. In some areas this peat cover is light eg Glenummera but areas like Srahrevagh, Loughnamucka, Tawnydoogan have very deep peat which are low production sites

The main towns and villages located in the catchment area of Doolough forest are Louisburgh, Leenane, Drummin

The management focus for the forest is concerned with The mgt focus is primarily timber production, taking into consideration the sensitive nature of the landscape and fisheries considerations within the forest where existing guidelines will be adhered to.

The fell area for MO 34 is 74.3 ha for period 2006 to 2010.

The total fell volume for period 2006 - 2010 is 24,219 m<sup>3</sup>

71% OF THE FOREST IS A NO THIN CATEGORY. Due to soil type and exposure. 628ha

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     | 1,065.1          | 82.4%         |
| Biodiversity          | 163.6            | 12.7%         |
| Conservation          | 62.9             | 4.9%          |
| Non-forest Commercial | 1.0              | 0.1%          |
| <b>Total</b>          | <b>1,292.5</b>   | <b>100.0%</b> |

**Table 2 Area by Special Consideration**

| <b>Forest:</b>                      | MO34 | Doolough                |                 |
|-------------------------------------|------|-------------------------|-----------------|
| <b><u>SPECIAL CONSIDERATION</u></b> |      | <b><u>AREA (ha)</u></b> | <b><u>%</u></b> |
| Access - Other                      |      | 25.0                    | 1.9%            |
| Archaeology                         |      | 36.5                    | 2.8%            |
| Disease Affecting Crop              |      | 3.7                     | 0.3%            |
| Experimentation                     |      | 1.8                     | 0.1%            |
| Fisheries Protection                |      | 651.3                   | 50.4%           |
| High Landscape Sensitivity          |      | 86.3                    | 6.7%            |
| Legal                               |      | 7.7                     | 0.6%            |
| Long-term Leased                    |      | 0.1                     | 0.0%            |
| None                                |      | 95.9                    | 7.4%            |
| Statutory Designation               |      | 384.2                   | 29.7%           |
| <b>Total</b>                        |      | <b>1,292.5</b>          | <b>100.0%</b>   |



**Table 3 Area by Fell Year**

**Forest: MO34**

**Doolough**

| <u>FELL YEAR</u>                       | <u>AREA (ha)</u>   | <u>ANNUAL AVERAGE</u> |
|--|--------------------|-----------------------|
| 2006                                   | 24.7               |                       |
| 2007                                   | 0.0                |                       |
| 2008                                   | 29.0               |                       |
| 2009                                   | 0.0                |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>53.7</u></b> | <b><u>8.95</u></b>    |
| 2010                                   | 20.8               |                       |
| 2011                                   | 0.0                |                       |
| 2012                                   | 45.5               |                       |
| 2013                                   | 8.3                |                       |
| 2014                                   | 0.0                |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>74.7</u></b> | <b><u>9.34</u></b>    |
| 2015                                   | 22.7               |                       |
| 2016                                   | 29.9               |                       |



| <u>FELL YEAR</u>                       | <u>AREA (ha)</u>    | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2017                                   | 109.1               |                       |
| 2018                                   | 0.0                 |                       |
| 2019                                   | 0.0                 |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>161.7</u></b> | <b><u>20.21</u></b>   |
| 2020                                   | 97.4                |                       |
| 2021                                   | 0.0                 |                       |
| 2022                                   | 37.6                |                       |
| 2023                                   | 0.0                 |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>135.0</u></b> | <b><u>22.50</u></b>   |

Table 4 Area by Species Group

|         |                      |                  |              |
|---------|----------------------|------------------|--------------|
| Forest: | MO34                 | Doolough         |              |
|         | <u>SPECIES GROUP</u> | <u>AREA (ha)</u> | <u>%</u>     |
|         | ALD                  | 4.3              | 0.4          |
|         | ASH                  | 0.2              | 0.0          |
|         | BI                   | 2.9              | 0.3          |
|         | DF                   | 0.4              | 0.0          |
|         | FIR                  | 0.2              | 0.0          |
|         | LAR                  | 14.1             | 1.3          |
|         | LP                   | 695.4            | 64.9         |
|         | NS                   | 0.8              | 0.1          |
|         | OB                   | 1.0              | 0.1          |
|         | OC                   | 1.5              | 0.1          |
|         | OP                   | 0.4              | 0.0          |
|         | SS                   | 350.7            | 32.7         |
|         |                      | <b>1,071.8</b>   | <b>100.0</b> |



**Table 5 Listing of Restocking MUs**

Forest: MO34

Doolough

|                      |         |                   |                    | Area (ha)   |      |        |      |     |     |     |     |     |     |     |     |     |     |
|----------------------|---------|-------------------|--------------------|-------------|------|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2006                 | Map     | Objective         | Special            | MU          | Open | Spruce | LP   | SP  | LAR | FIR | OC  | Oak | BE  | Ash | BI  | Ald | OB  |
| MU                   | Cutting |                   | Considerations     | Area (ha)   |      |        |      |     |     |     |     |     |     |     |     |     |     |
| 40                   | MO34-5  | Timber Production | Fisheries Protect  | 24.7        | 2.5  | 13.3   | 2.2  | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 |
| <b>Total MU Area</b> |         |                   |                    | <b>24.7</b> |      |        |      |     |     |     |     |     |     |     |     |     |     |
|                      |         |                   |                    | Area (ha)   |      |        |      |     |     |     |     |     |     |     |     |     |     |
| 2008                 | Map     | Objective         | Special            | MU          | Open | Spruce | LP   | SP  | LAR | FIR | OC  | Oak | BE  | Ash | BI  | Ald | OB  |
| MU                   | Cutting |                   | Considerations     | Area (ha)   |      |        |      |     |     |     |     |     |     |     |     |     |     |
| 43                   | MO34-5  | Timber Production | Fisheries Protect  | 29.0        | 4.4  | 172.6  | 0.0  | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 |
| <b>Total MU Area</b> |         |                   |                    | <b>29.0</b> |      |        |      |     |     |     |     |     |     |     |     |     |     |
|                      |         |                   |                    | Area (ha)   |      |        |      |     |     |     |     |     |     |     |     |     |     |
| 2010                 | Map     | Objective         | Special            | MU          | Open | Spruce | LP   | SP  | LAR | FIR | OC  | Oak | BE  | Ash | BI  | Ald | OB  |
| MU                   | Cutting |                   | Considerations     | Area (ha)   |      |        |      |     |     |     |     |     |     |     |     |     |     |
| 61                   | MO34-4  | Timber Production | Statutory Designat | 20.8        | 4.2  | 0.0    | 11.7 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 1.7 | 0.0 |
| <b>Total MU Area</b> |         |                   |                    | <b>20.8</b> |      |        |      |     |     |     |     |     |     |     |     |     |     |



