



Coillte Teoranta

Forest Management Plan

Charlestown

MO13

2006 to 2010

District Manager

Myles MacDonncadha

District

W3



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Introduction

Forest: MO13 Charlestown
District: W3 District Manager Myles MacDonncadha

Charlestown forest is situated in Forest Mo 13, Charlestown Forest, is situated in East Mayo stretching along the borders of Co's Sligo and Roscommon on either side of Charlestown and is centered around the extensive Glenmullynha property, in addition to a number of smaller scattered outlying blocks

The main soil type in Charlestown are The main soil types in Forest Mo 13 are Brown earths and shallow peats over mineral

The main towns and villages located in the catchment area of Charlestown forest are The towns and villages within the the area of Mo 13 are Charlestown, Carracastle and Doocastle

The management focus for the forest is concerned with The major part of MO 13 forest is comprised of fast growing coniferous crops of Sitka Spruce, and Lodgepole pine and the management focus is for the production of sustainable commercial forestry in conjunction with appropriate landscape considerations on the elevated Glenmullynha property.

The long term goal for the forest is the continued production of commercial forestry within the above parameters

2006 - 2010, 12.7% of area to be clearfelled

2037m³ clearfell vol. For 2006 - 2010 period

It will be a management objective to maximise thinning where economically and silviculturally feasible with a view to enhancing the final crop.

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 | 457.9 | 90.0% |
| Biodiversity | 45.2 | 8.9% |
| Seed Stand | 5.6 | 1.1% |
| Total | 508.7 | 100.0% |



Table 2 Area by Special Consideration

| | | | |
|-------------------------------------|------|-------------------------|-----------------|
| Forest: | MO13 | Charlestown | |
| <u>SPECIAL CONSIDERATION</u> | | <u>AREA (ha)</u> | <u>%</u> |
| None | | 484.7 | 95.3% |
| Statutory Designation | | 24.0 | 4.7% |
| Total | | 508.7 | 100.0% |



Table 3 Area by Fell Year

Forest: MO13

Charlestown

| <u>FELL YEAR</u> | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|--|--------------------|-----------------------|
| 2006 | 0.0 | |
| 2007 | 0.0 | |
| 2008 | 0.0 | |
| 2009 | 12.7 | |
| <u>5 Year Total and Average</u> | <u>12.7</u> | <u>2.55</u> |
| 2010 | 0.0 | |
| 2011 | 8.4 | |
| 2012 | 0.0 | |
| 2013 | 11.7 | |
| 2014 | 29.8 | |
| <u>5 Year Total and Average</u> | <u>49.9</u> | <u>6.24</u> |
| 2015 | 8.0 | |
| 2016 | 11.8 | |



| | <u>FELL YEAR</u> | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|---------------------------------|------------------|------------------|-----------------------|
| | 2017 | 0.0 | |
| | 2018 | 21.5 | |
| | 2019 | 5.6 | |
| <u>5 Year Total and Average</u> | | <u>46.9</u> | <u>5.22</u> |
| | 2020 | 9.9 | |
| | 2021 | 0.0 | |
| | 2022 | 0.0 | |
| | 2023 | 0.0 | |
| | 2024 | 23.7 | |
| <u>5 Year Total and Average</u> | | <u>33.6</u> | <u>5.59</u> |

Table 4 Area by Species Group

| | | | |
|---------|----------------------|------------------|--------------|
| Forest: | MO13 | Charlestown | |
| | <u>SPECIES GROUP</u> | <u>AREA (ha)</u> | <u>%</u> |
| | ALD | 1.7 | 0.3 |
| | ASH | 4.3 | 0.9 |
| | BI | 0.3 | 0.1 |
| | LAR | 22.2 | 4.6 |
| | LP | 90.3 | 18.8 |
| | NS | 14.8 | 3.1 |
| | OAK | 1.6 | 0.3 |
| | OB | 2.6 | 0.5 |
| | SS | 342.5 | 71.3 |
| | | 480.3 | 100.0 |



Table 5 Listing of Restocking MUs

Forest: MO13

Charlestown

| 2009 | | Objective | Special Considerations | MU Area (ha) | Area (ha) | | | | | | | | | | | | |
|----------------------|-------------|-------------------|------------------------|--------------|-----------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MU | Map Cutting | | | | Open | Spruce | LP | SP | LAR | FIR | OC | Oak | BE | Ash | BI | Ald | OB |
| 10 | MO13-2 | Timber Production | None | 12.7 | 1.9 | 1.6 | 8.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 |
| Total MU Area | | | | 12.7 | | | | | | | | | | | | | |

