



Coillte Teoranta

Forest Management Plan

Ballyhouras

CK06

2006 to 2010

District Manager

District

Pat Roche

S3



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: CK06 Ballyhouras
District: S3 District Manager Pat Roche

Ballyhouras forest is situated in the north eastern corner of Co. Cork. The Cork/Limerick border forms the division between the Ballyhoura & Kilfinnane Forests. The forest consists mainly of the Ballyhoura mountain range with a few small outer properties.

The main soil type in Ballyhouras are derived mainly from old red sandstone, comprising of podsols on the lower slopes with lithosols on the higher reaches. A layer of peat is present in some areas. Brown earth & gleys dominate the valley hollows.

The main towns and villages located in the catchment area of Ballyhouras forest are Rathluirc, Ballyhea, Buttevant, Doneraile & Kildorrery.

The management focus for the forest is concerned with timber production (91.6%), Biodiversity (7.5%), there is a strong focus on recreational activity here also.

The forest contains 0 and 43 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 | 4,071.6 | 91.6% |
| Biodiversity | 331.9 | 7.5% |
| Non-forest Commercial | 39.7 | 0.9% |
| Total | 4,443.2 | 100.0% |



Table 2 Area by Special Consideration

| Forest: | CK06 | Ballyhouras | |
|-------------------------------------|-------------|-------------------------|-----------------|
| <u>SPECIAL CONSIDERATION</u> | | <u>AREA (ha)</u> | <u>%</u> |
| Access County Road | | 11.1 | 0.2% |
| Archaeology | | 93.6 | 2.1% |
| Experimentation | | 108.6 | 2.4% |
| Farm Partnership | | 59.8 | 1.3% |
| Legal | | 1.0 | 0.0% |
| NWS | | 52.8 | 1.2% |
| None | | 3,841.1 | 86.4% |
| Old Woodland Site | | 113.5 | 2.6% |
| Potential Sale | | 20.0 | 0.5% |
| Recreation Site | | 10.4 | 0.2% |
| Statutory Designation | | 62.7 | 1.4% |
| Water Supply | | 68.6 | 1.5% |
| Total | | 4,443.2 | 100.0% |



Table 3 Area by Fell Year

Forest: CK06

Ballyhouras

| <u>FELL YEAR</u> | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2006 | 176.5 | |
| 2007 | 198.3 | |
| 2008 | 227.4 | |
| 2009 | 200.3 | |
| <u>5 Year Total and Average</u> | <u>802.6</u> | <u>100.32</u> |
| 2010 | 60.6 | |
| 2011 | 31.8 | |
| 2012 | 83.4 | |
| 2013 | 36.6 | |
| 2014 | 0.0 | |
| <u>5 Year Total and Average</u> | <u>212.3</u> | <u>23.59</u> |
| 2015 | 32.5 | |
| 2016 | 29.1 | |



| <u>FELL YEAR</u> | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2017 | 18.0 | |
| 2018 | 14.4 | |
| 2019 | 0.0 | |
| <u>5 Year Total and Average</u> | <u>94.0</u> | <u>10.44</u> |
| 2020 | 23.5 | |
| 2021 | 0.0 | |
| 2022 | 62.5 | |
| 2023 | 24.6 | |
| 2024 | 12.5 | |
| <u>5 Year Total and Average</u> | <u>123.2</u> | <u>15.40</u> |

Table 4 Area by Species Group

| | | | |
|---------|----------------------|------------------|--------------|
| Forest: | CK06 | Ballyhouras | |
| | <u>SPECIES GROUP</u> | <u>AREA (ha)</u> | <u>%</u> |
| | ALD | 17.3 | 0.4 |
| | ASH | 19.3 | 0.5 |
| | BE | 4.8 | 0.1 |
| | BI | 23.9 | 0.6 |
| | DF | 82.7 | 2.1 |
| | FIR | 52.9 | 1.3 |
| | LAR | 321.8 | 8.1 |
| | LP | 1,511.4 | 38.1 |
| | NS | 38.5 | 1.0 |
| | OAK | 26.2 | 0.7 |
| | OB | 16.3 | 0.4 |
| | OC | 10.6 | 0.3 |
| | OP | 49.4 | 1.2 |
| | SS | 1,789.1 | 45.1 |
| | WRC | 5.6 | 0.1 |
| | | 3,969.7 | 100.0 |



| | | | | | | | | | | | | | | | | | |
|-----|---------|-------------------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 177 | CK06-13 | Timber Production | None | 11.9 | 1.8 | 9.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 259 | CK06-13 | Biodiversity | None | 4.1 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.3 |
| 280 | CK06-14 | Timber Production | None | 3.4 | 0.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| 139 | CK06-17 | Timber Production | None | 28.6 | 4.3 | 12.1 | 7.3 | 0.0 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152 | CK06-18 | Timber Production | None | 22.9 | 3.4 | 9.7 | 0.0 | 0.0 | 1.9 | 0.0 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Total MU Area 176.5

| 2007 | | | | | | | | | | | | | | | | | |
|-------------|--------------------|-------------------|-------------------------------|---------------------|------------------|-----------|-----------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--|
| MU | Map Cutting | Objective | Special Considerations | MU Area (ha) | Area (ha) | | | | | | | | | | | | |
| | | | | Open | Spruce | LP | SP | LAR | FIR | OC | Oak | BE | Ash | BI | Ald | OB | |
| 195 | CK06-4 | Timber Production | None | 19.6 | 2.9 | 10.0 | 0.0 | 0.0 | 1.7 | 0.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 283 | CK06-8 | Timber Production | Archaeology | 8.0 | 1.2 | 2.7 | 0.0 | 0.0 | 2.7 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | |
| 281 | CK06-9 | Timber Production | Archaeology | 25.8 | 3.9 | 8.8 | 0.0 | 0.0 | 8.8 | 0.0 | 3.3 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | |
| 204 | CK06-11 | Timber Production | None | 22.9 | 3.0 | 7.6 | 6.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 284 | CK06-11 | Biodiversity | None | 1.2 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 47 | CK06-13 | Timber Production | Archaeology | 4.1 | 0.6 | 1.4 | 0.0 | 0.0 | 1.4 | 0.0 | 0.5 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | |



| | | | | | | | | | | | | | | | | | |
|-----|---------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 172 | CK06-17 | Timber Production | None | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 199 | CK06-17 | Timber Production | None | 20.4 | 3.1 | 8.7 | 5.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65 | CK06-18 | Timber Production | None | 10.0 | 1.5 | 3.4 | 5.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Total MU Area 227.4

| 2009 MU | Map Cutting | Objective | Special Considerations | MU Area (ha) | Area (ha) | | | | | | | | | | | | |
|------------|----------------|-------------------|---------------------------|--------------------|-----------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | Open | Spruce | LP | SP | LAR | FIR | OC | Oak | BE | Ash | BI | Ald | OB |
| 28 | CK06-4 | Timber Production | Experimentation | 14.9 | 2.2 | 7.6 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33 | CK06-4 | Timber Production | None | 11.9 | 1.8 | 8.1 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 235 | CK06-4 | Timber Production | None | 12.1 | 1.8 | 7.7 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 |
| 236 | CK06-4 | Timber Production | None | 17.6 | 2.6 | 11.2 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 224 | CK06-9 | Timber Production | Water Supply | 3.6 | 0.5 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 240 | CK06-11 | Timber Production | None | 25.6 | 3.8 | 13.0 | 4.3 | 0.0 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 143 | CK06-13 | Timber Production | None | 10.5 | 1.6 | 0.0 | 0.0 | 0.0 | 5.4 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 189 | CK06-15 | Biodiversity | Water Supply | 11.9 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 0.0 | 0.0 | 1.8 | 1.2 | 0.6 |



Total MU Area

60.6