| Outline | e of practical fores | try guide series | | | | • | | | | | |
|--|--|---|-----------------------|-------------------------|------------------------|----------------|---|---------|------------|-------------|----------|
| Stage | Years D | Description | | | | | Table 2: Tending and | | | | |
| 1 | | | J 4 April) | | | | sycamore by top hei | | | | |
| 2 | | OREST ESTABLISHMENT | | | | | final crop trees, clea | | | | |
| | | vegetation control (IFJ 11April) |) | | | | Operations | | | various ten | ding and |
| | | site cultivation (IFJ 18April) | | | | | | | operations | _ | |
| | | protection - fencing, firelines | (IFJ 25April) | | | | | Oak | Ash | Beech | Syca- |
| 2 | | planting (IFJ 9 May) | | | | | | | | | more |
| 3 | | MAINTENANCE (IFJ 30 May) MONITORING AND ACCESS (IFJ 13 | 12 lung) | | | | Tending | 5-6 | 6-8 | 5-6 | 6-8 |
| 5 | | PRE-PRODUCTION (IFJ 20 June) | | | | | Thinning | | | | |
| 6 | | RODUCTION (IFJ 27 June) | | | | | 1st | 10-11 | 10-12 | 12-14 | 12-14 |
| Ĭ | | thinning (IFJ 27 June) | | | | | 2nd | 13-15* | 12-13 | 15* | 15* |
| | | pruning (IFJ 25 July) | | | | | 3rd | 15-17 | 15* | 17-18 | 17-18 |
| 7 | | UBSEQUENT THINNINGS (this w | | | | | 4th | 17-19 | 18 | 18-20 | 18-20 |
| 8 | Over 30 FI | INAL HARVEST AND REFORESTA | ATION | | | | 5th | 19-21 | 21 | 20-22 | 20-22 |
| i | | | | | | | 6th | 21-23 | 24 | 22-24 | 22-24 |
| | 1: Estimated timing | 7th | 23-25 | 37 | 24-26 | 24-26 | | | | | |
| hybrid ' | nybrid larch (larch) and Scots pine with average thinning yield. | | | | | | | | | | |
| YC** | Age of first, and su | ubsequent thinning for so | selected species base | d on thinning cycles: f | five years (YC 12-18); | Average | 8th | 25-27 | 30 | 26-28 | 26-28 |
| | four years (YC 20-24); three years (YC 26-30)* | | | | | thinning yield | 9th | 27-29 | | 28-30 | 28-30 |
| | Sitka spruce | Norway spruce | Douglas fir | Larch | Scots pine | (m³/ha)*** | 10th | 29-31 | | 30-32 | |
| 12 | 24; 29; 34, 39 | 25; 30; 35; 40, 45 | 23; 28; 33 | 16; 21; 26; 31, 36 | 23; 28, 33, 38, 43 | 36-40 | Final thin | 31-33 | | 32-35 | |
| | 22; 27; 32; 37 | | 21; 26; 30 | 14; 19; 24, 29, 34 | 20; 25; 30, 35, 41 | 40-44 | Clearfell | >33 | >30 | >35 | >30 |
| | | | | | | | Other | | | | |
| | 20; 25; 30; 35 | | 19; 24; 29 | 13; 18; 23; 28, 33 | 19; 24; 29, 34, 38 | 44-48 | No. final crop trees | 100-140 | 100-140 | 100-140 | 100-140 |
| | 19; 24; 29; 34 | | 18; 23; 28 | | | 48-54 | Clearfell year | 130-160 | 60-80 | 100-120 | 70-80 |
| | 18; 22, 26; 30; 34 | | 17; 21; 25; 29 | - | | 45-50 | DBH** | 65-67cm | 50- | 40- | 40- |
| | 17, 21, 25; 29 | 17; 21; 25; 29, 33 | 16; 20; 24; 28 | 4- | - | 50-55 | 55 | 00 0 | 55cm | 60cm | 60cm |
| 24 | 16; 20, 24; 28 | 16; 20; 24; 28, 32 | 15; 19; 23; 27 | - | - | 55-60 | Source: Magner, D (2015). Adapted from Growing Broadleaves (1998), Joyce, P (ed); and Silviculture of Broadleaved Woodland. (1984), Evans, J. | | | | |
| 26 | 15; 18; 21; 24; 27 | - | 14, 17, 20, 23, 26 | - | - | 45-50 | | | | | |
| 28 | 14; 17; 20; 23; 26 | - | - | - | - | 50-54 | 00,00,00,00 | 411411 | | | , , , = |
| | 13; 16; 19; 22; 25 | - | - | - | - | 54-60 | *Select potential crop trees at top heights (13-15m): 200-250/ha for oak | | | | |
| Source: Magner, D. (2015). Adapted from Hart (1991), Forest & Wildlife Service (1975), Rollinson (1985) and Hamilton & Christie (1971). * Year of final thinning assessed before clearfell (30% reduction of age of maximum volume increment). Thinning may continue depending a number of factors including vulnerability to windthrow, timber demand and log prices. ** Yield class (YC) is the potential annual optimum rate of growth in cubic metres per hectare (m³/ha/per annum). ***Production calculated at 60% of YC x thinning cycles: 5, 4 and 3 years. | | | | | | | | | | | |