

SPECIES IDENTIFIER

Table showing suitability of UK Provenance species for site conditions

| TREES (NATIVE) COMMON NAME | LATIN NAME | HEIGHT GROWTH | GROWTH RATE | SOIL PREFERENCE | COMMENTS |
|-------------------------------|--------------------------------------|------------------|----------------|--|--|
| Alder, Black | <i>Alnus glutinosa</i> | LRG | RPD | Damp, acid to calcareous | Good for wildlife on poorly drained areas & watercourse edges |
| Apple, Crab | <i>Malus sylvestris</i> | SML | MOD | Calcareous loams & clays | Mixes well. Useful for woodland edge |
| Ash | <i>Fraxinus excelsior</i> | LRG | RPD | Well drained calcareous loams | Good standard tree or coppice. Has many uses |
| Aspen | <i>Populus tremula</i> | MED | RPD | Damp, heavy clays | Good for wetter areas but not waterlogged, stagnant soils |
| Beech | <i>Fagus sylvatica</i> | LRG | SLW | Dry, well drained calcareous soils | Good for underplanting, very shade tolerant |
| Birch, Downy | <i>Betula pubescens</i> | MED | RPD | Dry, acid sites (generally tolerant) | More northerly locations |
| Birch, Silver | <i>Betula pendula</i> | MED | RPD | Dry, acid sites | Does best in groups. Regenerates freely |
| Cherry, Bird | <i>Prunus padus</i> | SML | MOD | Neutral to acid, well drained loams | Suitable for woodland edges |
| Cherry, Wild | <i>Prunus avium</i> | MED | RPD | Well drained, clay soils | Mixes well in woodlands. Useful for edge of woodland |
| Hawthorn | <i>Crataegus monogyna</i> | SML | MOD | Well drained, calcareous soils | Good for underplanting and hedges. Can be laid |
| Hawthorn, Midland | <i>Crataegus laevigata</i> | SML | MOD | Neutral, calcareous clay | As above |
| Hazel | <i>Corylus avellana</i> | SML | MOD | Well drained, fairly fertile soils | Good for underplanting. Nuts are a valuable food resource |
| Holly | <i>Ilex aquifolium</i> | MED | SLW | Well drained neutral to acid soils | Mixes well in woodland |
| Hornbeam | <i>Carpinus betulus</i> | MED | MOD | Heavy, neutral to acid soils | Excellent as coppice understorey. Good fuelwood |
| Lime, Large-leaved | <i>Tilia platyphyllos</i> | LRG | MOD | Light, fertile soils | Suitable for planting besides roads |
| Lime, Small-leaved | <i>Tilia cordata</i> | LRG | MOD | As above | Grows well with ash. Locally common in ancient woodland |
| Maple, Field | <i>Acer campestre</i> | MED | MOD | Calcareous loams & clays | Hardy, common in hedgerows. Forms tall hedge |
| Oak, Pedunculate | <i>Quercus robur</i> | LRG | SLW | Well drained calcareous loams & clays | Very important for wildlife. Plant wherever possible |
| Oak, Sessile | <i>Quercus petraea</i> | LRG | SLW | Well drained acid soils | As above |
| Pine, Scots | <i>Pinus sylvestris</i> | LRG | MOD | Light, dry soils. Medium if well drained | Very frost resistant. Useful for windbreaks near coast |
| Poplar, Black | <i>Populus nigra var betulifolia</i> | LRG | RPD | Rich, moist, neutral loams | Good for wetter areas but not waterlogged, stagnant soils |
| Poplar, Grey | <i>Populus x canescens</i> | LRG | RPD | As above | Hybrid between aspen & white poplar |
| Rowan | <i>Sorbus aucuparia</i> | SML | RPD | Dry, light or acid soils | Frost hardy, stands exposure |
| Whitebeam | <i>Sorbus aria</i> | MED | MOD | Calcareous soils | Useful ornamental or nurse tree |
| Wild Service Tree | <i>Sorbus torminalis</i> | MED | SLW | Well drained heavy to neutral loams | Rare ancient woodland indicator |
| Willow, Bay | <i>Salix pentandra</i> | MED | RPD | Damp, fertile loams | Plant beside streams or ponds |
| Willow, Crack | <i>Salix fragilis</i> | MED | RPD | Moist alluvial soils | Plant away from buildings because of large root system |
| Willow, Goat, Pussy | <i>Salix caprea</i> | SML | RPD | As above | Plant beside streams or ponds |
| Willow, Grey | <i>Salix cinerea</i> | SML | RPD | Damp, fertile loams | Good for wildlife |
| Willow, White | <i>Salix alba</i> | MED | RPD | As above | Plant beside streams or ponds |
| Yew | <i>Taxus baccata</i> | MED | SLW | Well drained, calcareous soils | Poisonous to stock - traditional in churchyards / historic gardens |
| SHRUBS (NATIVE) | | | | | |
| Blackthorn | <i>Prunus spinosa</i> | SHRUB | SLW | Calcareous to neutral clays & loams | Fruit used to produce sloe gin |
| Box | <i>Buxus sempervirens</i> | SHRUB | SLW | Calcareous to neutral soils | Provides low cover for game & foliage |
| Buckthorn | <i>Rhamnus catharticus</i> | SHRUB | MOD | Dry, calcareous soils | Suckering growth can be a problem |
| Buckthorn, Alder | <i>Frangula alnus</i> | SHRUB | SLW | Fenland soils, damp peats, acid sands | Main food plant (with buckthorn) of brimstone butterfly larvae |
| Dogwood | <i>Cornus sanguinea</i> | SHRUB | MOD | Calcareous to neutral clays & loams | Good gapping for hedgerows |
| Gelder Rose | <i>Viburnum opulus</i> | SHRUB | SLW | Neutral to calcareous damp clays & loams | Showy flowers & berries |
| Honeysuckle | <i>Lonicera periclymenum</i> | SHRUB | RPD | Tolerant, most soils | Good for wildlife |
| Privet | <i>Ligustrum vulgare</i> | SHRUB | MOD | Calcareous loams & clays | Good for game cover |
| Raspberry, Wild | <i>Rubus idaeus</i> | SHRUB | RPD | Neutral loams | Produces fruit for food |
| Rose, Dog | <i>Rosa canina</i> | SHRUB | RPD | Calcareous to neutral clays & loams | Colourful flowers & fruit |
| Rose, Field | <i>Rosa arvensis</i> | SHRUB | RPD | As above | As above |
| Spindle | <i>Euonymus europaeus</i> | SHRUB | SLW | Calcareous to neutral loams | Colourful leaves, flowers & fruit. Insecticidal properties. |
| Wayfaring Tree | <i>Viburnum lantana</i> | SHRUB | MOD | Calcareous loams | Colourful flowers, leaves & fruit |

Notes: LRG large, MED medium, SML small, RPD rapid, MOD moderate, SLW slow

Compiled by FWAG.