Vegetative Propagation Protocol Form for Grafting

BGCI | Propagation Protocol Forms 2024

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| **VEGETATIVE PROPAGATION PROTOCOL: GRAFTING**  |

**This form collates the information about the best grafting method of the target species.**

Authorship *(people that contributed propagation information)*:

Date of publication:

*Logo/s of the affiliated organisation(s):*

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| **GENERAL INFORMATION** |
| **Taxon name** | *Scientific name of the propagated species* |  | **Name/s of propagator/s** | *Name(s) of the person or people that carried out the propagation* |  |
| **Family** | *Plant family of the propagated species* |  | **Organisation** | *Organisation(s) where the propagation was carried out* |  |
| **Origin of scions** | *Site(s) and country where scions were collected* |  | **Site and country** | *Site(s) and country where the propagation took place* |  |

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| **GRAFTING** |
| **Description of procedures, materials and success of grafting.** |
| **Procedures** | **Transport of scions** | *Describe how scions have been stored during transport from the field to the nursery* |  |
| **Scion material** | *Describe the type of material used as scion (diameter, length, part of the plant…) and the maturity (soft wood, semi-hard wood, hard wood)* |  |
| **Type of graft** | *Name the technique used: whip and tongue graft, side-veneer, cleft graft, t-bud, tip-graft...* |  |
| **Grafting details** | *Describe the technique in detail, illustrate with photographs below* |  |
| **Rootstock name** | *Scientific name of the species used as rootstock* |  |
| **Rootstock material** | *Describe the size and age of rootstock used* |  |
| **Inter-stock** | *If used, name the species used as inter-stock and its size* |  |
| **Grafting facilities** | *Describe the facilities where grafting took place (e.g. hot pipe, fleece tent, outdoors, polytunnel, etc...)* |  |
| **Environmental conditions** | *Describe the environmental conditions where grafting took place (temperature, humidity, light levels)*  |  |
| **Watering regime** | *Describe the watering regime of the rootstock, frequency and technique* |  |
| **Grafting aftercare** | *Describe the technique for suppressing rootstock growth (e.g. pruning, growth regulators, root pruning, girdling...)* |  |
| **Success** | **Time of the year for grafting** | *List month/s of the year when grafting is best* |  |
| **Duration until graft success** | *Average number of days/months/years until scions successfully grafted* |  |
| **% Graft success** | *(Number of scions successfully grafted) x 100 / (Total number of scions attempted grafting)* |  |
| **Health observations** | *Record any signs of pest or disease, nutrient deficiency, damage...and the stage when they were observed (e.g. before callusing, after callusing…)* |  |
| **Materials** | *List materials needed for grafting to help with the planning of this activity. E.g. knife, budding strips, grafting wax…* |  |

* ***Add photographs of the grafting process. Make sure to include a detailed description of the photo, such as the growth stage, date, activity or process.***