

Vegetative Propagation Protocol Form for Grafting



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):

GENERAL INFORMATION

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

GRAFTING

Description of procedures, materials and success of grafting.

Procedures	Transport of scions	<i>Describe how scions have been stored during transport from the field to the nursery</i>	
	Scion material	<i>Describe the type of material used as scion (diameter, length, part of the plant...) and the maturity (soft wood, semi-hard wood, hard wood)</i>	
	Type of graft	<i>Name the technique used: whip and tongue graft, side-veneer, cleft graft, t-bud, tip-graft...</i>	
	Grafting details	<i>Describe the technique in detail, illustrate with photographs below</i>	
	Rootstock name	<i>Scientific name of the species used as rootstock</i>	
	Rootstock material	<i>Describe the size and age of rootstock used</i>	
	Inter-stock	<i>If used, name the species used as inter-stock and its size</i>	
	Grafting facilities	<i>Describe the facilities where grafting took place (e.g. hot pipe, fleece tent, outdoors, polytunnel, etc...)</i>	
	Environmental conditions	<i>Describe the environmental conditions where grafting took place (temperature, humidity, light levels)</i>	
	Watering regime	<i>Describe the watering regime of the rootstock, frequency and technique</i>	
Success	Grafting aftercare	<i>Describe the technique for suppressing rootstock growth (e.g. pruning, growth regulators, root pruning, girdling...)</i>	
	Time of the year for grafting	<i>List month/s of the year when grafting is best</i>	
	Duration until graft success	<i>Average number of days/months/years until scions successfully grafted</i>	

	% Graft success	<i>(Number of scions successfully grafted) x 100 / (Total number of scions attempted grafting)</i>	
	Health observations	<i>Record any signs of pest or disease, nutrient deficiency, damage...and the stage when they were observed (e.g. before callusing, after callusing...)</i>	
Materials		<i>List materials needed for grafting to help with the planning of this activity. E.g. knife, budding strips, grafting wax...</i>	

- + **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.**