



ADVANCED PLANT PROPAGATION

LEAF CUTTINGS, ROOT CUTTINGS, GRAFTING & BUDDING

If you would like to learn advanced techniques of plant propagation, the Advanced Plant Propagation Master Class is for you. An extension of the Plant Propagation Principles & Practices (not a pre-requisite), this class will dig deeper into propagation techniques for certain types of plants.

Techniques covered will move on from general seed propagation and stem cuttings to include:

- Leaf cuttings: some plants can be regenerated from both roots and shoots from part of or whole leaves and these techniques will be investigated and practised

- Root cuttings: some plants, ones that naturally produce shoots or suckers from the roots, can be propagated by this technique and this method will be carried out on the day
- Grafting and budding: involves joining two separate plants so that they can function as one, creating a strong, healthy plant that has characteristics of both plants. Several methods of grafting and budding will be demonstrated and practised in this Master Class

The course includes a guided tour of the nursery at the charming Mount Lofty Botanic Garden. The nursery produces thousands of plants every year for the Adelaide, Mount Lofty and Wittunga Botanic Gardens.

COURSE DETAILS

COURSE NAME

Advanced Plant Propagation: Leaf cuttings, root cuttings, grafting and budding

2015 DATE

Sunday 2 August

LOCATION

Mount Lofty Botanic Garden Nursery
(enter via lower carpark off Lampert Road - see map on reverse)

TIME

10am-3pm

COURSE PRESENTER

Matt Coulter
Botanic Gardens of South Australia
Nursery Curator

PRICE

\$170 per person (GST inc) + booking fee if purchased online

The Australian Centre of Horticultural Excellence
2015 Master Class Series

More information and registrations at:
botanicgardens.sa.gov.au



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COURSE DESCRIPTION

This Master Class will cover:

- Advanced vegetative techniques: Leaf and root cutting
- Grafting: Cleft and Veneer
- Budding: T-budding and chip/patch
- Propagation mixes
- Propagation environmental controls

SPECIAL REQUIREMENTS

The session will involve practical activities so appropriate footwear (closed shoes, no sandals) and gloves will be required. Participants must bring their own sharpened secateurs. Plant material cannot be brought to the Mount Lofty Botanic Garden Nursery. Non-accredited plant material may harbour soil and plant pathogens which could contaminate the nursery.

2015 DATES

Sunday 2 August

PROGRAM

9.45am	Registration and coffee
10.00am	Welcome, housekeeping & outline of Master Class
10.10am	Nursery tour
10.45am	Leaf cutting, root cutting demonstration and practice
12.30pm	Lunch (provided)
1.00pm	Grafting demonstration and practice
	Budding demonstration and practice
3.00pm	Master Class concludes

PRESENTER

MATT COULTER

Matt has worked in the horticultural nursery industry for the past 30 years. Matt is currently the Curator of Plant Propagation at the Botanic Gardens of South Australia managing the propagation and growing of new plant material for the Gardens. Previously Matt has worked in a broad range of technical and highly specialist propagation roles, with experience in nursery and greenhouse operations, plant nutrition and plant tissue culture.

PAYMENT

The cost of this course is \$170 (GST inc). Payment can be made by:

- Cash, credit card or EFTPOS by calling (08) 8222 9311.
- Online at botanicgardens.sa.gov.au

