Seed Collection

For a revegetation project the plants most likely to thrive are often those grown from locally produced seed. Some trees don't seed every year and some only retain their seed for a short period so collection may include several visits. Important considerations while collecting seed:

- 1 Try to collect from a minimum of 10 trees, hopefully a distance of twice the height of each tree from each other to minimise self-pollination. Collection from shelter belts is not recommended because trees growing in linear formation are unlikely to have pollinated with any other than their nearest neighbour.
- Collect from a wild population to maintain genetic diversity. Where a mix of trees have been planted, the flowers from one species are likely to have crossed with another species.
- The trees chosen should be healthy specimens which are typical of the species.

For Eucalypts, Acacias, Callistemons, Melaleucas and Casuarinas, dry the branches of seed pods out in the sun on a tarpaulin. Sieve out the seed as soon as the seed has been released from the pods and store in an airtight container in a cool place.



Soak berries in water until the flesh is soft, then rub throug a sieve to clean the seed ready for sowing.



The trees chosen should be healthy specimens which are typical representatives of the general population



Mole Station Native Nursery

Situated west of Tenterfield on the Northern Tablelands of New South Wales, Mole Station Native Nursery specialises in the production of frost hardy native shrubs and farm trees.



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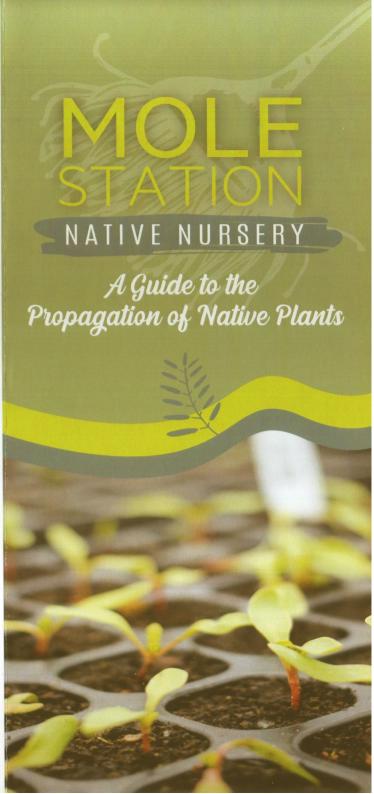


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Propagation by Seed





Place the required number of seeds in a mug and fill with just sow 1 to 2 cm below the level of the potting media. Cover with

Propagation by Cutting

The most important requirements for success with cuttings are:



The propagation medium needs to be a well-drained mix with varying water holding capacity depending on the plant material. For most plant varieties the following recipe may be used:

- 6 parts per liter
- 1 part peat moss
- Mix together and add
- 1 g slow release fertiliser/litre



similar to a hormone plants produce in very small quantities. By dipping the base of the stem cutting into the hormone,





Propagation by Grafting





- A hardier plant can be produced by using a tough