
FOREST NURSERY
Collect and set pine cuttings

level:	3
credit:	3
planned review date:	June 2008
sub-field:	Horticulture
purpose:	People credited with this unit standard are able to: select and take pine cuttings from a range of parent plant types; and pack, transport, store, and set pine cuttings.
entry information:	Open.
accreditation option:	Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.
moderation option:	A centrally established and directed national moderation system has been set up by the Primary Industry Training Organisation.
special notes:	Legislation relevant to this unit standard includes but is not limited to the: Health and Safety in Employment Act 1992, and its subsequent amendments.

Elements and Performance Criteria

element 1

Select and take pine cuttings from a range of parent plant types.

Range: stoolbed cuttings, field cuttings, fascicle cuttings.

performance criteria

1.1 Identity of stool plants and parent trees is established.

Range: stoolbed age, stand age, seed origin information.

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1.2 Selected cuttings conform to minimum quality specifications.

Range: cutting length, basal diameter, foliage cover, needle length, health, physiological age.

1.3 Tools used for collection of cuttings do not bruise cutting tissues.

element 2

Pack pine cuttings.

performance criteria

2.1 Packing of cuttings avoids drying out, heating up, and foliage crushing.

2.2 Cuttings and packages are labelled with stool plant and/or parent tree identification numbers.

element 3

Transport and store pine cuttings.

performance criteria

3.1 Transport of packed cuttings maintains them in a fresh, moist, cool, and uncompressed condition.

3.2 Packed cuttings are stored under conditions and in a manner that maintains their freshness.

3.3 Packed cuttings are labelled with stool plant and/or parent tree identification markings in the storage facility.

element 4

Set pine cuttings.

performance criteria

4.1 Cutting identity is verified according to identification markings in the storage facility.

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- 4.2 Only sufficient cuttings are taken from the storage facility to satisfy the immediate setting requirements.
- 4.3 Packed cuttings are transported to the beds or setting area, and are stored near the beds or setting areas in a manner that maintains their condition.
- 4.4 Cuttings are set and firmed in to a depth consistent with bottom needle length.
- 4.5 Packaging materials are stored, or disposed of, after use.

Comments on this unit standard

Please contact Primary Industry Training Organisation <http://www.primaryito.ac.nz> if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0032 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.