

Demonstrate knowledge of pruning and training amenity trees and shrubs

Level 3

Credits 5

Purpose This unit standard is for people working, or intending to work, in amenity horticulture. People credited with this unit standard are able to: demonstrate knowledge of common pruning tools and equipment and the growth characteristics of plant types used in amenity horticulture, and describe tree and shrub responses to pruning and training techniques.

Subfield Horticulture

Domain Amenity Horticulture

Status Registered

Status date 20 June 2008

Date version published 20 June 2008

Planned review date 31 December 2012

Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.

Standard setting body (SSB) Primary Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0032

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

None.

Elements and performance criteria

Element 1

Demonstrate knowledge of common pruning tools and equipment.

Performance criteria

- 1.1 Different types of pruning tools are identified in terms of their functions.
- Range parrot-beak secateurs, anvil secateurs, loppers, pruning saws.
- 1.2 Suitable tool is nominated for specified uses.
- Range woody and herbaceous material, thorny material, different branch thicknesses.

Element 2

Demonstrate knowledge of the growth characteristics of plant types used in amenity horticulture.

Range evergreen and deciduous trees and shrubs, conifer, climbing plant, rose.

Performance criteria

- 2.1 Growth and flowering characteristics are described for each plant type.
- Range may include but is not limited to – current season's growth, previous season's growth, vegetative buds, flower buds, spurs.
- 2.2 The natural form of each plant type is described.
- Range may include but is not limited to – single leader, branched head, multi-stemmed, divaricating, fastigate, pyramid, weeping, rounded, vase, prostrate, trailing, climbing.

Element 3

Describe tree and shrub responses to pruning and training techniques.

Performance criteria

- 3.1 Pruning and training techniques and practices, with respect to fruiting and flowering habit, are described.
- Range may include but is not limited to – plants flowering on current season's growth, and on previous season's growth; spurs on older wood; plants flowering in spring, summer, autumn, and winter.
- 3.2 Pruning and training techniques to promote desired vegetative growth are described.

Range clipping, heading back, shaping, shearing, tipping.

3.3 Pruning and training techniques to correct plant defects or damage are described.

Range may include but is not limited to – double leaders, broken leaders, broken limbs, imbalance, reversion, diseased wood, dead wood.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA 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 organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

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