

Title	Demonstrate knowledge of rootstock requirements and select rootstock for planting		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of rootstock requirements; and determine options and select rootstock for planting.
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Classification	Horticulture > Production Horticulture
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Available grade	Achieved
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Guidance Information

None.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of rootstock requirements.

Performance criteria

1.1 Describe site factors which will influence the choice of rootstock in terms of rootstock growing requirements.

Range factors include but are not limited to – soil water, type and condition of soil, ground temperature variations, wind.

1.2 Describe standards of performance for a specimen produced in terms of a successful grafting and budding.

Range standards include but are not limited to – habit, vigour, production yield and quality, pest and disease resistance, fruit and flower and foliage characteristics.

1.3 Complete a site assessment to gather information to specify rootstock requirements and determine specimen performance requirements in terms of rootstock growing requirements.

Outcome 2

Determine options and select rootstock for planting.

Performance criteria

2.1 Compare a selection of rootstock types against criteria established for a site and crop production on which they are to be used.

Range criteria includes but is not limited to – availability, cost, documented performance, pest and disease resistance, compatibility;
evidence of two rootstock types is required.

2.2 Select rootstock type that conforms with site and production criteria.

Planned review date	31 December 2027
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Last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	14 March 1995	31 December 2023
Revision	2	28 July 1999	31 December 2023
Revision	3	19 July 2001	31 December 2023
Review	4	25 July 2006	31 December 2023
Review	5	30 June 2022	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Muka Tangata – People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.