

National Certificate in Horticulture (Arboriculture) (Level 4) with an optional strand in Advanced

Level 4

Credits 150

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2021.

Transition Arrangements

This qualification was republished in August 2020 to extend the last date of assessment to 31 December 2021.

Unit standards 26551, 26552, and 17152 have expired without replacement and have been removed from the qualification

This qualification has been reviewed and replaced by New Zealand Certificate in Horticulture Services (Level 4) with strands in Amenity, Arboriculture, Cemetery, Landscape Design, Landscape Construction, and Sports Turf [Ref: 2674].

The last date for entry into training programmes for this qualification is 31 December 2018. The last date of assessment for this qualification is 31 December 2021.

People currently working towards achievement of this qualification may either complete the requirements for this qualification or transfer their results to the replacement.

Any person who feels disadvantaged by these transition arrangements should contact Primary ITO at the address below.

For detailed information see [Review Summaries](#) on the NZQA website.

This qualification contains standards that replace or have been substituted for earlier standards. For the purposes of this qualification, people who have gained credit for the expiring or substituted standards are exempt from the requirement to gain credit for the replacement or substitute standards – see table below.

Credit for	Exempt from
14	22174
772	22177, 22178
17260	25399, 25401
2822	25406
2764	17150
2770, 2819	25404

Credit for	Exempt from
2770, 2771	25404
2818	25405
2823	17151
6400	26551, 26552
6401	26552
6402	26551
28493, 28494	17152

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	February 2010	December 2012
Revision	2	April 2012	December 2020
Review	3	May 2015	December 2020
Republication	3	January 2018	December 2020
Republication	3	August 2020	December 2021

Standard Setting Body

Primary Industry Training Organisation
 PO Box 10383
 The Terrace
 Wellington 6143

Telephone 04 801 9616
 Email standards@primaryito.ac.nz
 Website <http://www.primaryito.ac.nz>

National Certificate in Horticulture (Arboriculture) (Level 4) with an optional strand in Advanced

Level 4

Credits 150

Purpose

This is a certificate for people engaged in a career in the arboriculture sector of the horticulture industry. People who have completed this qualification are able to demonstrate competence in the knowledge and skills relevant to arboriculture at tradesperson level, under the supervision of a qualified arborist.

The optional Advanced strand of this qualification recognises the skills of a qualified arborist. People credited with the strand are able to demonstrate competence in the knowledge and skills required by industry to work in the arboriculture sector with full autonomy.

This qualification includes and builds on the requirements for award of the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: 1533].

Replacement Information

This qualification and the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: 1533] replaced the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896].

Special Notes

Application for recognition of prior learning (RPL) should be made to the Primary Industry Training Organisation or providers with consent to assess.

Credit Range

	Compulsory	Advanced Optional Strand
Level 1 credits	3	0
Level 2 credits	37	0-5
Level 3 credits	47	0-24
Level 4 credits	63	37-60
Totals	150	60
Qualification total with optional strand		210

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Compulsory standards

The following strands are optional

- Advanced Optional Strand

Detailed Requirements

Compulsory

The following standards are required

Agriculture, Forestry and Fisheries > Forestry > Forest Operations

ID	Title	Level	Credit
43	Maintain a chainsaw	3	10
6916	Demonstrate knowledge of the rules relating to chainsaw use	2	5

Agriculture, Forestry and Fisheries > Forestry > Non Commercial Forestry Skills

ID	Title	Level	Credit
6917	Demonstrate basic chainsaw operation	2	12

Agriculture, Forestry and Fisheries > Horticulture > Arboriculture

ID	Title	Level	Credit
2763	Demonstrate knowledge of the New Zealand arboriculture industry	2	3
2765	Plant trees or shrubs under close supervision	2	4
2766	Maintain amenity trees and shrubs	3	8
2767	Climb a well branched tree	4	10
2768	Prune young trees and shrubs in arboriculture situations	3	4

ID	Title	Level	Credit
2773	Identify amenity tree health problems	4	8
2774	Climb difficult trees, branch walk and undertake aerial rescue above 15 metres in arboriculture situations	4	10
2775	Prune mature amenity trees in arboriculture situations	4	10
17151	Demonstrate understanding of hazards and safety requirements for tree work near electrical supply lines	3	5
17256	Use climbing equipment for arboriculture	3	3
17257	Fell and limb trees in arboriculture under supervision	3	5
17258	Use advanced felling techniques in arboriculture	4	10
17261	Carry out groundperson's duties in an arboriculture situation	3	4
17262	Carry out an arboriculture tree inspection	4	5
25399	Prepare to use, use, and remove a brushwood chipper	3	3
25406	Undertake sectional felling in arboriculture tree work	4	10

Agriculture, Forestry and Fisheries > Horticulture > Production Horticulture

ID	Title	Level	Credit
20574	Identify plants	2	5
22174	Demonstrate knowledge of soils and fertilisers	2	5
22177	Demonstrate knowledge of the structure and function of plants	2	5

Health > Occupational Health and Safety > Occupational Health and Safety Practice

ID	Title	Level	Credit
497	Demonstrate knowledge of workplace health and safety requirements	1	3

Advanced Optional Strand

A minimum of 60 credits

- Of which a minimum of 37 credits at Level 4 or above

Agriculture, Forestry and Fisheries > Horticulture > Arboriculture

ID	Title	Level	Credit
2769	Demonstrate knowledge of the application of law to arboriculture in New Zealand	4	5
2772	Transplant amenity trees and shrubs manually	3	4
2776	Use amenity tree evaluation methods and describe timber markets	4	6

ID	Title	Level	Credit
2820	Manage the development, conservation, and the use of woodlots	5	6
2821	Plan and manage complex tree work	5	5
17150	Identify trees used in arboriculture	3	10
17259	Operate an elevated platform vehicle for arboriculture	4	4
25400	Demonstrate knowledge of tree support systems in arboriculture	4	5
25401	Prepare to use, use, and remove a stump grinder	3	3
25402	Demonstrate advanced tree climbing for arborists	4	10
25403	Use advanced rigging in arboriculture tree work	4	10
25404	Assess a site for amenity trees and select trees	3	8
25405	Demonstrate knowledge of transplanting large trees using specialist equipment	3	5

Agriculture, Forestry and Fisheries > Horticulture > Production Horticulture

ID	Title	Level	Credit
829	Demonstrate knowledge of plant nomenclature	2	5
22178	Demonstrate knowledge of plant processes and plant life cycles	3	5
22194	Demonstrate understanding of plant anatomy and morphology and how plants adapt to different environments	4	5

Humanities > Communication Skills > Writing

ID	Title	Level	Credit
3491	Write a report	3	4

Transition Arrangements

Version 2

Version 2 was issued following revision. Changes included:

- Remaining standards from the Arboriculture domain were listed in the strand to provide a clear distinction between the core requirements and those of the optional Advanced strand.
- Exemptions for standards 26551 and 26552 were added for candidates that hold expiring Core Health standards 6400, 6401 and/or 6402.
- The details of reviewed standard 6917 were updated (now at Level 2 and 8 credits).
- Standard 17152 was added as an option in the optional Advanced Strand.
- The overall credit value was increased from 149 to 150.

The last date for assessment of version 1 of the National Certificate in Horticulture (Arboriculture) (Level 4) with an optional Advanced strand [Ref: 1534] is 31 December 2012 to encourage the transfer of candidates to the new version. The reason for the short transition period is that the current version of the qualification allows standards specified in the compulsory section of the qualification that are also covered by the classification (Arboriculture) in the optional strand to be counted twice.

For detailed information see Review Summaries on the NZQA website.

Previous versions

This qualification and the National Certificate in Horticulture (Arboriculture) (Level 3) [Ref: 1533] replaced the National Certificate in Horticulture (Arboriculture) with strands in Ground Worker, Consultant Climber, Transplant Worker, Basic Climber, Advanced Climber, and Utility Worker [Ref: 0896].

Changes to structure and content included: two new qualifications at levels 3 and 4 to replace the existing stranded qualification; all the standards in the core compulsory except standard 43 transferred to both of the new qualifications; standards from the strands transferred to the new qualifications; standards transferred from the strands to Ref: 1534 only; standards 829 and 22178 from the strands transferred to the Advanced Optional Strand in Ref: 1534; and a change in the total credits for each of the qualifications.

Other standard setting bodies whose standards are included in the qualification

Connexis Infrastructure ITO
 Competenz
 The Skills Organisation
 NZQA

Certification

This certificate will display the logos of NZQA, the Primary Industry Training Organisation and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

Classification

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
97	Agriculture, Forestry and Fisheries > Horticulture	050301	Agriculture, Environmental and Related Studies > Horticulture and Viticulture > Horticulture

Quality Management Systems

Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Organisation with consent to assess and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Consent to assess requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.

Reviewed