

## National Certificate in Horticulture (Introductory) (Level 2)

**Level** 2

**Credits** 70

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2019.

### Transition Arrangements

This qualification was republished in January 2018 to extend the last date for enrolment from 31 December 2017 to 31 December 2018.

This qualification has been reviewed and replaced by the New Zealand Certificate in Primary Industry Skills (Level 2) [Ref: 2218].

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 2019.

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 Infrastructure ITO at the address below.

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

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

Credit for	Exempt from
6400	26551, 26552
6401	26552
6402	26551

This qualification contains a classification that replaces an earlier classification. For the purposes of this qualification, people who have gained credit for standards in the lapsed classification may continue to use those credits to meet the qualification requirements – see table below.

Standards from	Are treated as Standards from
Agriculture, Forestry and Fisheries > Horticulture > Organic Horticulture	Agriculture, Forestry and Fisheries > Horticulture > Production Horticulture

## Reverse transition

Reverse transition has been included for version 8 of this qualification to allow candidates to complete the qualification using the expiring standards or replacement standards.

Version 8 of this qualification contains achievement standards that have been replaced, having already expired. For the purposes of the qualification, people who have gained credit for the replacement standards are exempt from the requirement to gain credit for the expired standards – see table below.

Credit for	Exempt from
91290	90451
91296	90456

Note that unit standard 7086 has expired and has not been replaced. However, there are sufficient alternative standards in the elective to ensure the qualification remains achievable.

Version 7 of this qualification allowed candidates to select credits from a classification that contained standards that have now been reclassified under a new classification. For the purposes of this qualification, people who gain credit for standards from the new classification may use these credits to meet the qualification requirements – see table below.

Standards from	Are treated as Standards from
Agriculture, Forestry and Fisheries > Primary Sector > Plant Pest, Weed and Disease Control	Agriculture, Forestry and Fisheries > Pest Management > Pest Control

## NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	May 2003	December 2007
Review	2	March 2005	December 2012
Revision	3	August 2005	December 2012
Revision	4	January 2007	December 2012
Review	5	November 2007	December 2012
Revision	6	January 2009	December 2012
Review	7	February 2011	December 2019
Republication	7	October 2013	December 2019
Review	8	May 2015	December 2019
Republication	8	January 2018	December 2019

## Standard Setting Body

Primary Industry Training Organisation  
PO Box 10383  
The Terrace  
Wellington 6143

Telephone 04 801 9616  
Email [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz)  
Website <http://www.primaryito.ac.nz>

Reviewed

## National Certificate in Horticulture (Introductory) (Level 2)

**Level** 2

**Credits** 70

### Purpose

This is an introductory certificate for people entering a career in the horticultural industry. The aim of the qualification is to provide a sound basis for further education and training. People who have completed the National Certificate in Horticulture (Introductory) (Level 2) [Ref: 1013] will be able to demonstrate fundamental knowledge and/or elementary skills relevant to various sectors of the horticultural industry.

This qualification is not a prerequisite for higher level national certificates in horticulture, however, the higher level certificates do build on the skills and knowledge recognised by this qualification. People intending to progress to the following higher level certificates should bear this in mind when choosing electives (see qualification pathway diagram at the end of this document for an outline of the shared credits):

- National Certificate in Horticulture (Level 4) with optional strands in Amenity Horticulture, Fruit Production, Landscape, Nursery Production, Postharvest, Viticulture, and Vegetable Production [Ref: 1014]
- National Certificate in Horticulture (Advanced) (Level 4) with strands in Amenity Horticulture, Fruit Production, Landscape, Nursery Production, Postharvest, Production Horticulture, Viticulture, and Vegetable Production [Ref: 1015].

The elective structure of this qualification allows trainees, providers, and employers the flexibility of tailoring programmes to meet individual skill needs that reflect the diverse roles in the horticulture industry. Providers are advised to consider on-job safety requirements and ensure that they select standards that include driving, chainsaws, first aid, and safety in the workplace.

### Replacement Information

This qualification replaced the National Certificate in Horticulture (Level 2) [Ref: 0081].

### Special Notes

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

## Credit Range

	Horticulture Elective	Land Skills Elective	DAS Balance
Level 1 credits	0-30	0-30	0-10
Level 2 or above credits	40-70	20-30	0-10
Minimum totals	40	20	10

## 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

- A minimum of 70 credits
  - Of which a minimum of 40 credits at Level 2 or above
- Horticulture Elective – A minimum of 40 credits as specified
- Land Skills Elective – A minimum of 20 credits as specified
- DAS Balance – Balance

## Detailed Requirements

### Horticulture Elective

A minimum of 40 credits

Sciences > Science > Agricultural and Horticultural Science

ID	Title	Level	Credit
7086	Explain the effect the application of a growth regulator has on plant productivity	2	2
90157	Demonstrate practical skills used in agricultural or horticultural production	1	4
90160	Demonstrate knowledge of the impact on the environment of primary production management practices	1	3
90451	Describe physical factors of the environment and techniques used to modify them for plant production	2	4
90456	Describe and redesign landscaped sites	2	4

ID	Title	Level	Credit
90918	Carry out a practical agricultural or horticultural investigation	1	4
90919	Demonstrate knowledge of soil management practices	1	4
90920	Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand	1	3
90922	Design a landscape plan that reflects user requirements	1	3
90923	Demonstrate knowledge of basic plant propagation techniques	1	4
90924	Demonstrate knowledge of horticultural plant management practices and related plant physiology	1	5

Field	Subfield	Domain
Agriculture, Forestry and Fisheries	Horticulture	Amenity Horticulture
		Arboriculture
		Floriculture
		Forest Nursery
		Fruit Production
		Landscape
		Nursery Production
		Production Horticulture
		Vegetable Production
		Viticulture

**Land Skills Elective**

A minimum of 20 credits

Agriculture, Forestry and Fisheries > Agriculture > Farming Skills

ID	Title	Level	Credit
19119	Set up, operate, and maintain a travelling irrigation system	3	4
19122	Set up, operate, and maintain a non-travelling spray irrigation system	2	3

Agriculture, Forestry and Fisheries > Rural Contracting > Agricultural Contracting

ID	Title	Level	Credit
6278	Operate a root crop harvester	4	20

Health > Health Studies > First Aid

ID	Title	Level	Credit
26551	Provide first aid for life threatening conditions	2	1

ID	Title	Level	Credit
26552	Demonstrate knowledge of common first aid conditions and how to respond to them	2	1

Field	Subfield	Domain
Agriculture, Forestry and Fisheries	Agriculture	Agricultural Vehicles and Machinery
		Fencing
		General Agriculture
	Forestry	Forest Operations
		Non Commercial Forestry Skills
	Horticulture	Any
	Pest Management	Pest Control
	Primary Sector	Any
Sports Turf	Sports Turf Management	
Core Generic	Core Generic	Work and Study Skills
Health	Occupational Health and Safety	Occupational Health and Safety Practice
Service Sector	Driving	Driver Licence Endorsements
	Lifting Equipment	Powered Industrial Lift Trucks
	Retail, Distribution, and Sales	Garden Retail

### DAS Balance

The balance of credits to achieve  
A minimum of 70 credits

- Of which a minimum of 40 credits at Level 2 or above  
May come from anywhere on the DAS

### Transition Arrangements

#### Version 7

Version 7 was republished in order to include reverse transition arrangements (see section below) to ensure candidates would not be disadvantaged by changes to unit standard classifications.

Version 7 was issued following a review. A new elective section was added to align this qualification with the Land Skills Elective in the National Certificate in Horticulture (Practical) (Level 1) [Ref: 1470] and the National Certificate in Horticulture (Level 3) [Ref: 1471].

Changes to structure and content

- Sets A and B were removed from the Horticulture Elective, which is now just one section with no sets

- a new elective section, the Land Skills Elective, has been added to the qualification
- standards 7073, 7074, 7075, 9768, 18984, 18985, 90158, 90175, 90745 and 90746 were removed from the qualification
- standards 90157, 90160, 90918, 90919, 90920, 90922, 90923 and 90924 were added to the Horticulture Elective
- exemptions for standards 26551 and 26552 (included in the new Land Skills Elective) were added for candidates that hold expiring Core Health standards 6400, 6401 and/or 6402.

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

### Previous versions of the qualification

Version 6 was issued following a revision and was published to reflect the addition of the Vegetable Production strand to the National Certificate in Horticulture (Level 4) with optional strands in Amenity Horticulture, Fruit Production, Landscape, Nursery Production, and Viticulture [Ref: 1014] and the National Certificate in Horticulture (Advanced) (Level 4) with strands in Amenity Horticulture, Fruit Production, Landscape, Nursery Production, Production Horticulture and Viticulture [Ref: 1015], and update the qualification pathway diagram to reflect this addition and the registration of two new qualifications, the National Certificate in Horticulture (Practical) (Level 1) [Ref: 1470] and the National Certificate in Horticulture (Level 3) with an optional strand in Cemetery [Ref: 1471].

Version 5 of this qualification was issued due to the transfer of the Garden Retail domain to the Retail ITO. The Garden Retail domain was removed from the list of classifications in Set A. Candidates working in a garden retail setting are encouraged to complete the National Certificate in Retail (Level 3) with optional strands in Bicycle Sales and Servicing; Garden Retailing; Visual Merchandising; Delicatessen; and Produce [Ref: 0994].

Version 4 of this qualification was issued as version 4 in order to add standards registered in the Agricultural and Horticultural Science domain to the Horticulture Elective. Amendments to reflect the change in name of the Garden Retail domain, and the integration of the Organic Horticulture unit standards into the Production Horticulture domain were incorporated into the revised qualification.

Version 3 was issued in order to amend the NZSCED reference.

Version 2 was issued following review and took account of the Floristry unit standard review and the development of the National Certificate in Floristry (Level 2) [Ref: 1150], and the National Certificate in Floristry (Level 4) with an optional Advanced strand [Ref: 1151].

Version 1 of this qualification replaced the National Certificate in Horticulture (Level 2) [Ref: 0081] in May 2003.

## Other standard setting bodies whose standards are included in the qualification

InfraTrain New Zealand  
Ministry of Education  
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.

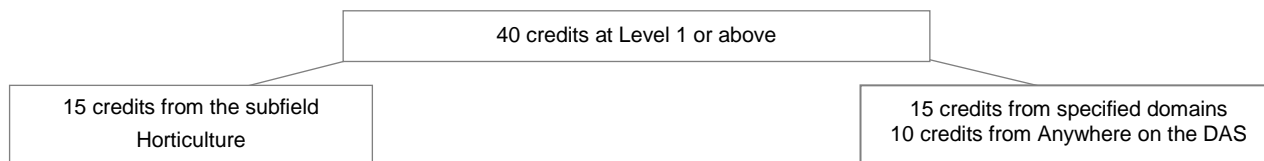
DAS Classification		NZSCED	
Code	Description	Code	Description
97	Agriculture, Forestry and Fisheries > Horticulture	050301	Agriculture, Environmental and Related Studies > Horticulture and Viticulture > Horticulture

### Quality Management Systems

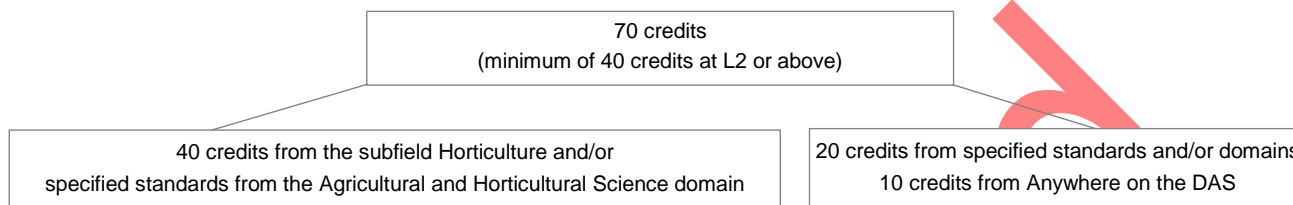
Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation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

## Qualification pathway

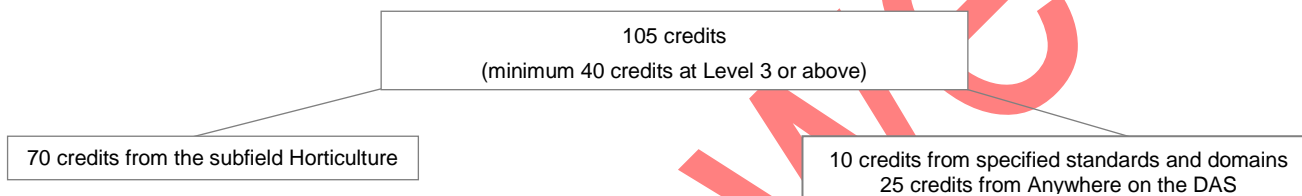
### National Certificate in Horticulture (Practical) (Level 1) [Ref: 1470]



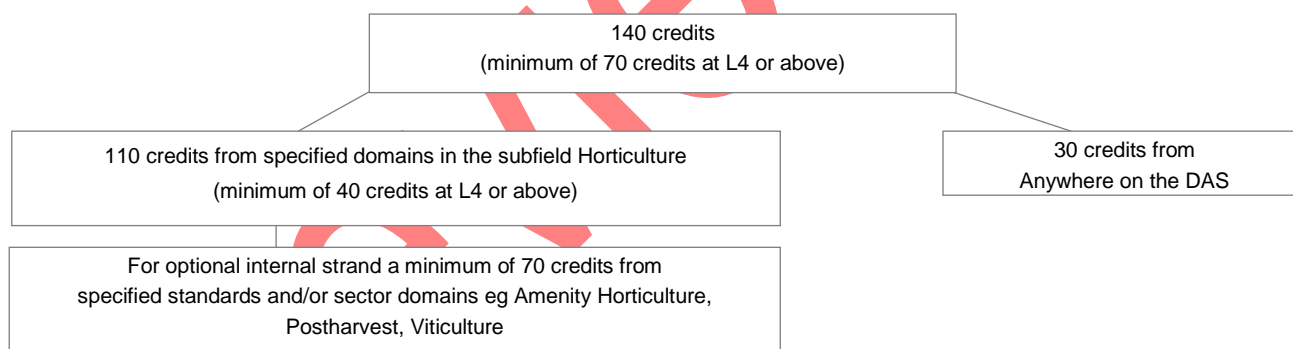
### National Certificate in Horticulture (Introductory) (Level 2) [Ref: 1013]



### National Certificate in Horticulture (Level 3) with an optional strand in Cemetery [Ref: 1471]



### National Certificate in Horticulture (Level 4) with optional strands in Amenity Horticulture, Fruit Production, Landscape, Nursery Production, Postharvest, Viticulture, and Vegetable Production [Ref: 1014]



### National Certificate in Horticulture (Advanced) (Level 4) with strands in Amenity Horticulture, Fruit Production, Landscape, Nursery Production, Postharvest, Production Horticulture, Viticulture, and Vegetable Production [Ref: 1015]

