

## National Certificate in Agriculture (Animal Feeding and Pastures) (Level 3)

**Level** 3

**Credits** 53

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2017.

### Transition Arrangements

Version 3 has been reviewed and replaced by the New Zealand Certificate in Agriculture (Pastoral Livestock Production) (Level 3) [Ref: 2217]. People currently working towards this replaced qualification may either complete the requirements by December 2017 or transfer their results to the replacement qualification.

Version 3 of this qualification has been republished to extend the last date of enrolment from 31 December 2015 to 31 December 2016, also to extend the last date for assessment from 31 December 2016 to 31 December 2017.

After 31 December 2016 all new trainees will be enrolled in programmes leading to the replacement qualification.

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

### NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	September 2008	December 2012
Revision	2	May 2011	December 2016
Republished	2	October 2013	December 2016
Review	3	November 2013	December 2016
Republication	3	June 2015	December 2017

### Standard Setting Body

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## National Certificate in Agriculture (Animal Feeding and Pastures) (Level 3)

**Level** 3

**Credits** 53

### Purpose

This qualification is for people with some experience in the cattle, dairy, deer or sheep farming sectors of the agriculture industry. On completion of this qualification people will be able to work under little or no supervision.

This qualification recognises the specialised and seasonal nature of modern cattle, dairy, deer and sheep farming. People will be able to gain the skills and knowledge to specialise in animal feeding and pastures management.

The compulsory section includes the skills related to livestock grazing management and feeding; and weather interpretation. This section also includes knowledge of pasture production, feed budgeting and management of feed surpluses and deficits; pasture supply and demand and grazing systems; and the impact of agriculture on soils.

The elective section recognises the variations amongst farms in the use of agricultural vehicles such as tractors, motorcycles, All Terrain Vehicle Utilities (ATVUs), and quad bikes; as well as injury factors and how to manage these. It also has a variety of standards related to a range of farm skills, the set-up, operation, and maintenance of irrigation systems, knowledge of fertilisers, and factors that contribute to injury on farms. This section allows people to select standards relevant to their own farming situation.

This qualification includes optional standards covering a range of additional skills. Whilst these standards are not required to achieve the qualification, they may be considered useful for obtaining underpinning skills or knowledge reflecting on-farm variations such as irrigation, weed control, electric fencing, and livestock.

This qualification builds on the knowledge and skills in the National Certificate in Agriculture (Level 2) with strands in Cattle Farming, Dairy Farming, Deer Farming, and Sheep Farming [Ref: 1434].

For people involved with dairy farming, this qualification also has a link with the following qualifications as an overall package of seasonal farm skills:

- National Certificate in Agriculture (Cattle Breeding) (Level 3) with strands in Beef Cattle Farming, and Dairy Cattle Farming [Ref: 1436];
- National Certificate in Dairy Farming (Milking) (Level 3) [Ref: 1440];
- National Certificate in Dairy Farming (Animal Health and Husbandry) (Level 3) [Ref: 1441].

These qualifications may be completed concurrently or individually as seasonal activities occur on the dairy farm, and depending on the degree of specialisation of the dairy farm.

For people involved with cattle or sheep farming, this qualification has a link with the following qualifications as an overall package of seasonal farm skills:

- National Certificate in Agriculture (Cattle Breeding) (Level 3) with strands in Beef Cattle Farming, and Dairy Cattle Farming [Ref: 1436];
- National Certificate in Agriculture (Stockmanship) (Level 3) [Ref:1437];
- National Certificate in Agriculture (Animal Health and Husbandry) (Level 3) with strands in Cattle Farming, and Sheep Farming [Ref: 1438];
- National Certificate in Sheep Farming (Sheep Breeding) (Level 3) [Ref: 1443].

These qualifications may be completed concurrently or individually as a large proportion of farms run both cattle and sheep, and each of the qualifications are associated with seasonal activities on the farm.

For people involved with deer farming, this qualification has a link with the National Certificate in Deer Farming (Level 3) [Ref: 1442] as an overall package of seasonal farm skills. These two qualifications may be completed concurrently or individually as seasonal activities occur on the deer farm, and depending on the degree of specialisation of the deer farm.

On completion of this qualification people can progress to one or more of the Level 4 agriculture qualifications.

### Replacement Information

This qualification, and the following qualifications, replaced the National Certificate in Agriculture (Level 3) with strands in Arable Farming, Cattle Farming, Dairy Farming, Deer Farming, and Sheep Farming [Ref: 0985]:

- National Certificate in Agriculture (Cattle Breeding) (Level 3) with strands in Beef Cattle Farming, and Dairy Cattle Farming [Ref: 1436];
- National Certificate in Agriculture (Stockmanship) (Level 3) [Ref: 1437];
- National Certificate in Agriculture (Animal Health and Husbandry) (Level 3) with strands in Cattle Farming, and Sheep Farming [Ref: 1438];
- National Certificate in Arable Farming (Level 3) [Ref: 1439];
- National Certificate in Dairy Farming (Milking) (Level 3) [Ref: 1440];
- National Certificate in Dairy Farming (Animal Health and Husbandry) (Level 3) [Ref: 1441];
- National Certificate in Deer Farming (Level 3) [Ref: 1442];
- National Certificate in Sheep Farming (Sheep Breeding) (Level 3) [Ref: 1443].

### Credit Range

	Compulsory	Elective	Optional Standards
Level 2 credits	13	-	16
Level 3 credits	23	17	-
Total	36	17	16
Total for Qualification	53		

## 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
- Elective – A minimum of 17 credits as specified

### Detailed Requirements

#### Compulsory

The following standards are required

#### Agriculture, Forestry and Fisheries > Agriculture > Farming Skills

ID	Title	Level	Credit
16	Describe pasture plants and production, and ways to optimise pasture growth and utilisation	3	5
19081	Describe annual feed supply and demand, methods to manage feed surpluses and deficits, and perform calculations	2	2
24628	Describe pasture supply and demand, feeds, and grazing systems	3	7
24631	Assist with livestock grazing management, and feed livestock	3	6

#### Agriculture, Forestry and Fisheries > Agriculture > General Agriculture

ID	Title	Level	Credit
19138	Monitor and interpret weather information	2	4
24542	Demonstrate knowledge of the impact of an agriculture system on soils	2	3
24543	Demonstrate knowledge of the formation, and factors which influence properties, of soils on-farm	3	5

## Agriculture, Forestry and Fisheries &gt; Pest Management &gt; Pest Control

ID	Title	Level	Credit
21555	Demonstrate knowledge of weeds and their control	2	4

**Elective**

A minimum of 17 credits at Level 3

## Agriculture, Forestry and Fisheries &gt; Agriculture &gt; Agricultural Vehicles and Machinery

ID	Title	Level	Credit
19048	Apply fertilisers using tractor or All Terrain Vehicle (ATV) with mounted or trailed equipment	3	6
19054	Ride a motorcycle on undulating terrain	3	4
19055	Ride a motorcycle with mounted equipment on flat terrain	3	2
24558	Drive an All Terrain Vehicle Utility (ATVU) on undulating terrain	3	5
24559	Ride an All Terrain Vehicle (ATV) on undulating terrain	3	6
24560	Drive an All Terrain Vehicle Utility (ATVU) with trailed equipment	3	3
24561	Ride an All Terrain Vehicle (ATV) with trailed equipment	3	2
24562	Drive an All Terrain Vehicle Utility (ATVU) with mounted equipment or a load	3	3
24563	Ride an All Terrain Vehicle (ATV) with mounted equipment or a load	3	4

## Agriculture, Forestry and Fisheries &gt; Agriculture &gt; Deer Farming

ID	Title	Level	Credit
8624	Carry out deer grazing management, and feed deer as directed	3	3

## Agriculture, Forestry and Fisheries &gt; Agriculture &gt; Farming Skills

ID	Title	Level	Credit
574	Prepare and harvest hay or silage	3	5
582	Handle livestock when moving and drafting and when livestock are distressed	3	6
19115	Handle and move livestock	3	6
19119	Set up, operate, and maintain a travelling irrigation system	3	4

## Agriculture, Forestry and Fisheries &gt; Agriculture &gt; General Agriculture

ID	Title	Level	Credit
19142	Describe the role of elements and fertilisers in primary production, and soil testing	3	6
23542	Identify factors, and describe how to manage factors, that contribute to injury in a rural workplace	3	4

**Optional standards**

The following standards are optional

## Agriculture, Forestry and Fisheries &gt; Agriculture &gt; Farming Skills

ID	Title	Level	Credit
19112	Check and report on livestock	2	4
19120	Set up, monitor, and maintain a borderdyke irrigation system	2	3
19122	Set up, operate, and maintain a non-travelling spray irrigation system	2	3
24629	Feed livestock with supplementary feed as directed	2	2

## Agriculture, Forestry and Fisheries &gt; Agriculture &gt; Fencing

ID	Title	Level	Credit
561	Install, dismantle, and store temporary electric fences	2	2

## Agriculture, Forestry and Fisheries &gt; Primary Sector &gt; Plant Pest, Weed, and Disease Control

ID	Title	Level	Credit
21556	Control weeds under supervision	2	2

**Transition Arrangements****Version 2**

Version 2 was republished in order to include reverse transition arrangements (see section below) to ensure candidates would not be disadvantaged when expiring standards were no longer available.

Version 2 was issued following a revision.

## Changes to structure and content

- The overall credit value of the qualification has reduced from 56 to 53 credits, however essential skills that the learners obtain remains the same.

- Standard 23542 was removed from the compulsory section and included in the elective section to allow for on-farm variances.
- Standard 19142 was added to the elective section to allow for on-farm variances.
- The elective rule has changed from a minimum of 15 credits as specified to a minimum of 17 credits as specified.
- Optional standards elective has been added to the qualification for obtaining underpinning skills or knowledge that may be required to reflect on-farm variations.

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
14490, 14491	23542
19058	24558, 24559
19059	24560, 24561
19060	24562, 24563
19102	24628

People currently working towards version 1 of this qualification may either complete the requirements of that version or transfer their results to version 2. However, it is recommended that persons transfer their results from version 1 to version 2.

All new learners will be enrolled in programmes or courses leading to the award of version 2.

It is not intended that anyone be disadvantaged by this revision. However, anyone who feels they have been disadvantaged may appeal to the Primary Industry Training Organisation at the address below.

### Reverse transition

Reverse transition has been included for version 2 of this qualification to allow candidates to complete the qualification using the expiring standard or replacement standard.

Version 2 of this qualification contains a standard that has been replaced and will expire on 31 December 2013. For the purposes of this qualification, people who have gained credit for the replacement standard are exempt from the requirement to gain credit for the expiring standard – see table below.

Credit for	Exempt from
27210	21555

### Previous version of the qualification

Version 1 of this qualification, and the following qualifications, replaced the National Certificate in Agriculture (Level 3) with strands in Arable Farming, Cattle Farming, Dairy Farming, Deer Farming, and Sheep Farming [Ref: 0985]:

- National Certificate in Agriculture (Cattle Breeding) (Level 3) with strands in Beef Cattle Farming, and Dairy Cattle Farming [Ref: 1436];
- National Certificate in Agriculture (Stockmanship) (Level 3) [Ref: 1437];
- National Certificate in Agriculture (Animal Health and Husbandry) (Level 3) with strands in Cattle Farming, and Sheep Farming [Ref: 1438];
- National Certificate in Arable Farming (Level 3) [Ref: 1439];
- National Certificate in Dairy Farming (Milking) (Level 3) [Ref: 1440];
- National Certificate in Dairy Farming (Animal Health and Husbandry) (Level 3) [Ref: 1441];
- National Certificate in Deer Farming (Level 3) [Ref: 1442];
- National Certificate in Sheep Farming (Sheep Breeding) (Level 3) [Ref: 1443].

The last date for assessments to take place for the replaced qualification is December 2012.

### 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
93	Agriculture, Forestry and Fisheries > Agriculture	050199	Agriculture, Environmental and Related Studies > Agriculture > Agriculture not elsewhere classified

#### 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