

National Certificate in Aerial Agrichemical Application (Level 4)

Level 4

Credits 62

Purpose

This qualification is mandatory for all pilots who apply agrichemicals by aircraft, or who are responsible for overseeing the storage, preparation, and handling of agrichemicals.

Holders of this qualification are able to manage an aerial application loading site, manage chemicals on the site, calibrate and know how to configure aerial agrichemical application equipment, manage their own physical well being, provide first aid, and apply agrichemicals by aircraft. Holders will also have knowledge of the environmental impacts and regulatory requirements related to agrichemical use.

All standards in the qualification are compulsory because this set of well-defined skills and knowledge applies to all aerial agrichemical application businesses.

Although not an entry requirement to this qualification, pilots who apply agrichemicals from aircraft must, in accordance with the Civil Aviation Act 1990 and relevant Rules, have an appropriate pilot licence or licences for the aircraft flown, and for the situation in which the agrichemicals are applied.

This is a stand alone qualification and there are currently no pathways to other National Qualifications Framework qualifications.

Special Notes

Completion of this qualification provides full eligibility for the Pilot Chemical Rating issued by the Civil Aviation Authority (CAA) under CAA Rules, Part 61. Under Rule 61.757 the holder of the Pilot Chemical Rating must, within 3 years of attaining the Pilot Chemical Rating, complete a refresher course that is acceptable to the Director in order for the rating to be renewed.

CAA Advisory Circular 61-1.16, which provides information on the eligibility of courses for the Pilot Chemical Ratings, is currently being updated and any further enquiries or clarification on the most recent information, should be directed to CAA, email www.caa.govt.nz.

Credit Range

Level 1 credits	1
Level 2 credits	7
Level 3 credits	13
Level 4 credits	41
Total	62

Requirements for Award of Qualification

This qualification will be awarded to people who have met the requirements of all of the specified standards.

Award of NQF 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 in the Qualifications Authority *Rules and Procedures* publications available at www.nzqa.govt.nz/ncea/.

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.

Detailed Qualification Requirements

Compulsory

All the standards listed below are required.

Field Agriculture, Forestry and Fisheries
 Subfield Agriculture
 Domain Aerial Agrichemical Application

Id	Title	Level	Credit
21540	Prepare agrichemicals and equipment for aerial application, and manage a loading site	3	5
21541	Plan, prepare to apply, and apply agrichemicals by aircraft	4	20
21542	Describe the configuration of aerial agrichemical application equipment	4	5

Domain Agrichemical Supply

Id	Title	Level	Credit
21544	Demonstrate knowledge of the environmental aspects of agrichemical use	4	6

Domain General Agriculture

Id	Title	Level	Credit
19145	Describe hydration, nutrition, and sleep in relation to physical well-being of agriculture workers	2	4

Subfield Pest Management
 Domain Pest Control

Id	Title	Level	Credit
21558	Describe calibration, and calibrate agrichemical application equipment	3	3
21562	Identify and interpret agrichemical product information	2	2
21563	Demonstrate knowledge of the HSNO Act, and NZS 8409:2004 for the use of agrichemicals	3	5

Id	Title	Level	Credit
21565	Manage agrichemicals in accordance with NZS 8409:2004	4	10

Field Health
 Subfield Health Studies
 Domain Core Health

Id	Title	Level	Credit
6401	Provide first aid	2	1
6402	Provide resuscitation level 2	1	1

Transition Arrangements

Version 1 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.

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.

Expiring Standards	Replacement Standards
10898	21544
15594	21540
15597	21541

Reverse transition

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

This qualification contains standards that have been replaced and will expire on 31 December 2013 or 31 December 2015. For the purposes of this qualification, people who have gained credit for the replacement standards are exempt from the requirement to gain credit for the expiring standards – see table below.

Credit for	Exempt from
26551	6402
26552	6401
27213	21562

NQF Registration Information

Process	Version	Date	Last Date for Award
Registration	1	September 2005	N/A
Republication	1	October 2013	N/A

Standard Setting Body

Primary Industry Training Organisation
 PO Box 10-383
 The Terrace
 WELLINGTON

Telephone 04 801 9616
 Email standards@primaryito.ac.nz

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

The review of this qualification is planned to take place in 2011.

Other standard setting bodies whose standards are included in the qualification

NZQA

Certification

The certificate will display the logos of the Qualifications Authority and the Primary Industry Training Organisation.

Classification

This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

NQF Classification		NZSCED	
Code	Description	Code	Description
1638	Agriculture, Forestry and Fisheries/Agriculture/Aerial Agrichemical Application	059999	Agriculture, Environmental and Related Studies/Other Agriculture, Environmental and Related Studies/Agriculture, Environmental and Related Studies not elsewhere classified

Quality Management Systems

Providers and Industry Training Organisations must be accredited 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.

Prerequisite Diagram

