

Title	Demonstrate understanding of agrichemicals, and safety when using agrichemicals		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to demonstrate understanding of: agrichemical product information; safety procedures when working with agrichemicals, and agrichemical formulations.
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Classification	Primary Sector > Plant Pest, Weed, and Disease Control
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Available grade	Achieved
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Explanatory notes

- 1 Evidence requirements must be consistent with:
 - Health and Safety at Work Act 2015
 - Hazardous Substances and New Organisms Act 1996
 - Resource Management Act 1991
 - Toxic Substances Regulations 1983
 - NZS 8409:2004 *Management of agrichemicals*, available from <http://www.standards.govt.nz/>.

- 2 In the context of this unit standard, *understanding* means that there should be evidence of a learner's thorough comprehension of a topic. A learner with a good understanding of a topic should have applied, or should be able to apply what they have learnt to a workplace situation and will be able to alter their practices to the different contexts they are applying their learning to. Assessors should be confident that the learner's understanding is embedded in their practices and behaviour.

- 3 Definition
Agrichemical is any substance, whether inorganic or organic, man-made or naturally occurring, modified or in its original state, that is used to eradicate, modify or control flora and fauna. It is a subset of agricultural compounds and includes pesticides, spray additives, fertilisers, vertebrate pest control products, and oral nutrition products.

Outcomes and evidence requirements

Outcome 1

Interpret agrichemical product information.

Evidence requirements

1.1 Interpret agrichemical product information for agrichemical use according to product labels or safety data sheets.

Range information may include but is not limited to – storage, handling, safety precautions, withholding periods, use, priority identifiers, secondary identifiers, emergency response, disposal of unused product and containers;
evidence is required for at least eight items relating to h production

1.2 Describe the relevance of withholding periods in relation to production activities.

Outcome 2

Demonstrate understanding of safety procedures when working with agrichemicals.

Evidence requirements

2.1 Describe safety procedures to minimise health risks when preparing and using agrichemicals according to NZS 8409:2004.

Outcome 3

Demonstrate understanding of agrichemical formulations.

Evidence requirements

3.1 Describe agrichemical formulations in terms of the way in which they work.

3.2 Describe potential incompatibility between formulations in terms of the implications.

Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 January 2017	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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary ITO standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.