

Title	Demonstrate knowledge of integrated pest management (IPM)		
Level	3	Credits	5

Purpose	<p>This unit standard is for people who are working in the primary sector who require knowledge of IPM.</p> <p>People credited with this unit standard are able to demonstrate knowledge of: the key features of IPM, and the underlying principles and synergies; and the benefits of IPM, and suitability for a specified primary sector.</p>
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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 **References**
Plant and Food Research have a number of articles on integrated pest management available on their website search engine – <http://www.plantandfood.co.nz>.
- 2 **Range**
Specified primary sector may be any one of agriculture, equine, forestry, horticulture, amenity turf, sports turf.
Pests in regards to IPM include but are not limited to – vertebrate pests, invertebrate pests, weeds, diseases.
- 3 **Assessment**
As IPM is constantly evolving, the most current IPM practices should be researched and used in the evidence presented for assessment against this unit standard.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of the key features of IPM, and the underlying principles and synergies.

Evidence requirements

- 1.1 IPM is defined, and its key features are described in relation to a specified primary sector.

1.2 IPM control methods are described in terms of the underlying principles.

Range control methods include but are not limited to – biological, chemical, cultural, physical, legal.

Outcome 2

Demonstrate knowledge of the benefits of IPM, and suitability for a specified primary sector.

Evidence requirements

2.1 IPM is explained in terms of the benefits for a specified primary sector, when compared with pest control methods used individually.

Range control methods include but are not limited to – biological, chemical, cultural, physical, legal.

2.2 IPM is explained in terms of its suitability for a specified primary sector.

Range may include but is not limited to – economic, market requirements, exports, human health, environmental aspects, benefits, ease and difficulty of use, availability of pest information, availability of control methods; evidence is required for at least five.

Planned review date	31 December 2016
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 August 2011	N/A

Consent and Moderation Requirements (CMR) reference	0232
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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 (CMR). 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 Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.