

ASSESSMENT GUIDELINES

Unit 1805

Monitor pest and beneficial organisms in vegetable crops and act at threshold levels

Level 4, Credit 3, version 5

Monitor pest and beneficial organisms in vegetable crops and act at threshold levels

Unit standard 1805

Level 4, Credit 3, version 5

Level of performance required for this unit standard

This is a level 4 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under broad guidance, independently; with complete responsibility for the standards of the outcome achieved.
- To apply technical skills, knowledge, and innovation to complete the task to the specified standard, in a variety of familiar and unfamiliar contexts.
- To analyse and interpret information, and make an informed judgment.

Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact:

NZHITO, PO Box 8638, Christchurch. Ph 03 9644 735, fax 03 9644 737, website www.hortito.org.nz

Special notes:

Workplace procedures mean work practice guidelines which meet the requirements of the Health & Safety in Employment Act 1992, other regulatory requirements, and their subsequent amendments.

Unit 1805: Monitor pest and beneficial organisms in vegetable crops and act at threshold levels (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Recognise named pests, diseases and beneficial predatory or parasitic organisms.	Yes/No	<ul style="list-style-type: none"> - Recognize named pests that could effect a vegetable crop and beneficial organisms that could predate or parasitise them at different stages of the life cycle. Range: at least five pests and two beneficial organisms. - Recognize signs or symptoms of named diseases of specific crops and name the disease correctly at different stages of its life cycle. Range: at least four diseases.
Element 2 Monitor organism numbers.	Yes/No	<ul style="list-style-type: none"> - Count disease signs and symptoms on random plants and report when numbers reach a stated threshold level. - Monitor and clean Pheromone traps regularly according to workplace procedures and report when a threshold number of specific insects are caught according to workplace procedures. - Examine random samples or leaves and count specific species of pest and predator or parasites as required by workplace procedures. Report when specific pest numbers are reached, or the pest-to-predator or – parasite ratio slips beyond a stated point.
Element 3 Select an agrichemical or integrated pest management programme to rectify an imbalance in the pest- to predator or - parasite ratio.	Yes/No	<ul style="list-style-type: none"> - Recognize agrichemicals injurious to beneficial insects and suggest alternatives that are non injurious to beneficial insects. - Suggest agrichemicals, application rates and timing to redress the balance between pests and parasites or predators, or reduce any potential disease problem. - Describe an integrated pest management programme in terms of pest organisms it controls and required grower inputs
<p>_____ (Name of Apprentice)</p> <p>is Competent / Not yet competent in Unit Standard 1805 (version 5)</p> <p>Signed (Assessor): _____</p> <p>WPA Registration Number: _____ Date: _____</p>		

Unit 1805: Monitor pest and beneficial organisms in vegetable crops and act at threshold levels (Assessor copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Recognise named pests, diseases and beneficial predatory or parasitic organisms.	Yes/No	<ul style="list-style-type: none"> - Recognize named pests that could effect a vegetable crop and beneficial organisms that could predate or parasitise them at different stages of the life cycle. Range: at least five pests and two beneficial organisms. - Recognize signs or symptoms of named diseases of specific crops and name the disease correctly at different stages of its life cycle. Range: at least four diseases.
Element 2 Monitor organism numbers.	Yes/No	<ul style="list-style-type: none"> - Count disease signs and symptoms on random plants and report when numbers reach a stated threshold level. - Monitor and clean Pheromone traps regularly according to workplace procedures and report when a threshold number of specific insects are caught according to workplace procedures. - Examine random samples or leaves and count specific species of pest and predator or parasites as required by workplace procedures. Report when specific pest numbers are reached, or the pest-to-predator or – parasite ratio slips beyond a stated point.
Element 3 Select an agrichemical or integrated pest management programme to rectify an imbalance in the pest- to predator or - parasite ratio.	Yes/No	<ul style="list-style-type: none"> - Recognize agrichemicals injurious to beneficial insects and suggest alternatives that are non injurious to beneficial insects. - Suggest agrichemicals, application rates and timing to redress the balance between pests and parasites or predators, or reduce any potential disease problem. - Describe an integrated pest management programme in terms of pest organisms it controls and required grower inputs
_____ (Name of Apprentice)		
is Competent / Not yet competent in Unit Standard 1805 (version 5)		
Signed (Assessor): _____		
WPA Registration Number: _____		Date: _____

Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

Unit 1805: Monitor pest and beneficial organisms in vegetable crops and act at threshold levels

(Name of Apprentice)

is Competent in Unit Standard 1805 (version 5)

Signed (Assessor):

WPA Registration Number: _____

Date: _____