

ASSESSMENT GUIDELINES

Unit 1807

Monitor pest and beneficial organisms in floriculture and act at threshold levels.

Level 4, Credit 3, version 6

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Unit standard 1807

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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 context.
- 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 and Safety in Employment Act 1992, other regulatory requirements, and their subsequent amendments.

**Unit 1807: Monitor pest and beneficial organisms in floriculture 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	Range: at least four pests, four diseases, and three beneficial organisms pertinent to a floricultural crop familiar to the candidate. <ul style="list-style-type: none"> ▪ Ensure named pests that could affect a floriculture crop, and beneficial organisms that could predate or parasitise them are recognized at different stages of their life cycle. ▪ Describe the life cycles of pest and beneficial organisms of a floriculture crop. Range: four pests and two beneficial organisms. ▪ Recognise signs or symptoms of four disease of a floriculture crop and ensure the diseases are named at different stages of its life cycle.
Element 2 Monitor organism numbers.	Yes/No	<ul style="list-style-type: none"> ▪ Examine random sample or leaves, and count specific species of pest and predator or parasite and, as required by workplace procedures, report it when specific pest numbers are reached or the pest-to-predator or – parasite ratio slips beyond a stated point. ▪ Monitor and clean pheromone or sticky traps in accordance with workplace procedures, and record and report it when a threshold number of specific insects are caught. ▪ Count disease signs or symptoms on random plants, and report them when numbers reach a stated threshold level.
Element 3 Select agrichemicals to rectify an imbalance in the pest-to-predator or – parasite ratio.	Yes/No	<ul style="list-style-type: none"> ▪ Recognise agrichemicals injurious to named beneficial insects and identify alternatives, non injurious to beneficial insects. ▪ Identify agrichemicals, application rates, and timing to redress the balance between pests and parasites or predators, or to reduce any potential disease problem.

(Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 1807 (version 6)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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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.

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