

ASSESSMENT GUIDELINES

Unit 1806

Monitor pest and beneficial organisms in the nursery and act at threshold levels

Level 4, Credit 4, version 4

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Unit standard 1806

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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 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 1806: Monitor pest and beneficial organisms in the nursery 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"> ▪ Recognise six named pests that could affect a nursery crop and three beneficial organisms that could predate them at different stages of their life cycle. ▪ Recognise signs or symptoms of six diseases of nursery crops and the name disease correctly at different stages of its life cycle.
Element 2 Monitor organism numbers.	Yes/No	<ul style="list-style-type: none"> ▪ Count disease signs or symptoms on random plants and report when numbers reach a stated threshold level. ▪ Monitor and clean traps regularly and when a threshold number of specific insects are caught, report according to workplace procedures. Range: pheromone and sticky- the use of one should be demonstrated and the other described. ▪ Examine random samples or leaves and count specific species of pest and predator or parasite according to workplace procedures and report when specific pest numbers are reached or the pest- to- predator ratio slips beyond a stated point.
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 suggest alternatives non injurious to beneficial insects. ▪ Suggest 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 1806 (version 4)

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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