

ASSESSMENT GUIDELINES

Unit 1781

Select and apply post harvest treatments to vegetable crops

Level 4, Credit 3, version 5

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Unit standard 1781
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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, Resource Management Act 1991, other regulatory requirements, and their subsequent amendments.

Unit 1781: Select and apply post harvest treatments to vegetable crops (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 State post harvest treatments needed for a vegetable crop.	Yes/No	<ul style="list-style-type: none"> - Describe materials and equipment needed in terms of their functions. - Describe precautions or techniques needed to safely and effectively handle each material so that the work is done with no harm to health and to maximise the effectiveness of the treatments. - State timing constraints for specific treatments. - Describe specialist post harvest treatment processes relative to a vegetable crop.
Element 2 Select post harvest treatments.	Yes/No	<ul style="list-style-type: none"> - In terms of shelf life and storage characteristics, describe the processes within the harvested crop parts. - Describe modes of action for the chosen treatment in terms of their effects in reducing deterioration. - Describe harvested plant parts' response to the chosen treatment in terms of shelf life and storage characteristics. - Select post harvest treatments for a vegetable crop so that the treatments minimise deterioration of the crop plants.
Element 3 Apply post harvest treatments.	Yes/No	<ul style="list-style-type: none"> - Prepare the equipment and materials for post harvest treatment safely so that the treatment will meet workplace procedure requirements. - Prepare the crop for post harvest treatment according to work place procedures. - Apply post harvest treatments according to workplace procedures and crop requirements. - Ensure the crop is left ready for the next process. - Ensure the equipment is left ready for when it is next required, according to work place procedures.

_____ (Name of Apprentice)

is **Competent** / **Not yet competent** in Unit Standard 1781 (version 5)

Signed (Assessor): _____

WPA Registration Number: _____

Date: _____

Unit 1781: Select and apply post harvest treatments to vegetable crops (Assessor copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 State post harvest treatments needed for a vegetable crop.	Yes/No	<ul style="list-style-type: none"> - Describe materials and equipment needed in terms of their functions. - Describe precautions or techniques needed to safely and effectively handle each material so that the work is done with no harm to health and to maximise the effectiveness of the treatments. - State timing constraints for specific treatments. - Describe specialist post harvest treatment processes relative to a vegetable crop.
Element 2 Select post harvest treatments.	Yes/No	<ul style="list-style-type: none"> - In terms of shelf life and storage characteristics, describe the processes within the harvested crop parts. - Describe modes of action for the chosen treatment in terms of their effects in reducing deterioration. - Describe harvested plant parts' response to the chosen treatment in terms of shelf life and storage characteristics. - Select post harvest treatments for a vegetable crop so that the treatments minimise deterioration of the crop plants.
Element 3 Apply post harvest treatments.	Yes/No	<ul style="list-style-type: none"> - Prepare the equipment and materials for post harvest treatment safely so that the treatment will meet workplace procedure requirements. - Prepare the crop for post harvest treatment according to work place procedures. - Apply post harvest treatments according to workplace procedures and crop requirements. - Ensure the crop is left ready for the next process. - Ensure the equipment is left ready for when it is next required, according to work place procedures.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 1781 (version 5)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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(Name of Apprentice)

is Competent in Unit Standard 1781 (version 5)

Signed (Assessor):

WPA Registration Number: _____

Date: _____