

ASSESSMENT GUIDELINES

Unit 831

Train and prune vine crops.

Level 3, Credit 4, version 4

Train and prune vine crops.

Unit standard 831.

Level 3, Credit 4, Version 4

Level of performance required for this unit standard

This is a level 3 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, with some independence; with significant responsibility for the standard of the outcome achieved.
- To apply technical skills and knowledge to complete the task to the specified standard, in a familiar context.
- To interpret available information, and use discretion and 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 831: Train and prune vine crops.
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Demonstrate knowledge of pruning and training fruit vines.	Yes/No	<ul style="list-style-type: none"> ▪ Explain the effects of apical dominance in terms of vine growth. ▪ Explain how plant wounds callus and heal in terms of plant health. ▪ Describe training systems in terms of structures and the vines for which they are most suitable. Range: vertical trellis, Scott Henry, double curtain, T-bar, pergola. ▪ Identify leaders, crowns, fruit arms, laterals, and water shoots with a description of their functions on the vine.
Element 2 Train and prune vines for the first three years.	Yes/No	<p>Range: evidence can be obtained by pruning and training vines of one, two, and three years of age in the same pruning season.</p> <ul style="list-style-type: none"> ▪ Ensure the main trunk is supported until it reaches its wire in accordance with the training system to be used and workplace procedures. ▪ Ensure leaders are developed and held along the wires in accordance with the training system to be used and workplace procedures. ▪ Remove unwanted canes in accordance with the training system to be used and workplace procedures and ensure wanted canes are held so that they do not become over-twisted or blown off.
Element 3 Prune mature vines according to a training system.	Yes/No	<ul style="list-style-type: none"> ▪ Distinguish between fruitful and unfruitful wood and remove unfruitful wood in accordance with target crop loading. ▪ Ensure access is enhanced by spacing of producing canes. ▪ Remove diseased, damaged, or pest infested wood in accordance with workplace procedures. ▪ Set up replacement cycles for framework wood in accordance with workplace procedures. ▪ Ensure hygiene and other disease prevention measures are undertaken in accordance with workplace policy and procedures. ▪ Ensure vines are summer pruned or leaf plucked to enhance fruit colour, maturation, and future bud development.
Element 4 Dispose of prunings.	Yes/No	<ul style="list-style-type: none"> ▪ Describe management options for prunings disposal in terms of the advantages and disadvantages of each method. ▪ Remove and dispose of prunings in accordance with workplace policy and procedures, or mulch them where they lie.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 831 (version 4)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

**Unit 831: Train and prune vine crops.
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Demonstrate knowledge of pruning and training fruit vines.	Yes/No	<ul style="list-style-type: none"> ▪ Explain the effects of apical dominance in terms of vine growth. ▪ Explain how plant wounds callus and heal in terms of plant health. ▪ Describe training systems in terms of structures and the vines for which they are most suitable. Range: vertical trellis, Scott Henry, double curtain, T-bar, pergola. ▪ Identify leaders, crowns, fruit arms, laterals, and water shoots with a description of their functions on the vine.
Element 2 Train and prune vines for the first three years.	Yes/No	<p>Range: evidence can be obtained by pruning and training vines of one, two, and three years of age in the same pruning season.</p> <ul style="list-style-type: none"> ▪ Ensure the main trunks is supported until it reaches its wire in accordance with the training system to be used and workplace procedures. ▪ Ensure leaders are developed and held along the wires in accordance with the training system to be used and workplace procedures. ▪ Remove unwanted canes in accordance with the training system to be used and workplace procedures and ensure wanted canes are held so that they do not become over-twisted or blown off.
Element 3 Prune mature vines according to a training system.	Yes/No	<ul style="list-style-type: none"> ▪ Distinguish between fruitful and unfruitful wood and remove unfruitful wood in accordance with target crop loading. ▪ Ensure access is enhanced by spacing of producing canes. ▪ Remove diseased, damaged, or pest infested wood in accordance with workplace procedures. ▪ Set up replacement cycles for framework wood in accordance with workplace procedures. ▪ Ensure hygiene and other disease prevention measures are undertaken in accordance with workplace policy and procedures. ▪ Ensure vines are summer pruned or leaf plucked to enhance fruit colour, maturation, and future bud development.
Element 4 Dispose of prunings.	Yes/No	<ul style="list-style-type: none"> ▪ Describe management options for prunings disposal in terms of the advantages and disadvantages of each method. ▪ Remove and dispose of prunings in accordance with workplace policy and procedures, or mulch them where they lie.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 831 (version 4)

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 831: Train and prune vine crops.

(Name of Apprentice)

is Competent in Unit Standard 831 (version 4)

Signed (Assessor):

WPA Registration Number: _____

Date: _____