



Australian Government

AHCPHT209A Produce trellis dried grapes

Release 1

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Modification History

Release	TP Version	Comments
1	AHC10v5	Initial release. New unit based on Victorian accredited unit VPAU729 Produce trellis dried grapes

Unit Descriptor

This unit of competency covers the skills and knowledge required to operate a trellis dried grape system in a viticulture production environment including the ability to comply with processor quality standards and requirements, follow work plans, have a sound knowledge of workplace safety and comply with enterprise requirements.

Application of the Unit

The unit applies to vineyard workers who perform summer pruning and crown bunch removal, emulsion application, harvest and post-harvest drying.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Nil

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Summer prune a grape crop for trellis drying	1.1 Leaf coverage on fruiting canes is reduced to assist cutting, emulsion application and drying 1.2 Canes are cut in accordance with enterprise standards 1.3 Replacement canes are left intact and undamaged to ensure next year's fruiting 1.4 Grapes requiring emulsion treatment are sprayed to ensure full and complete coverage
2. Prepare for harvesting trellis dried grapes	2.1 Uncut grapes are identified, crown bunches cut and hung on trellis without damage for drying or removed 2.2 Crop is sampled and tested for moisture content and readiness to harvest 2.3 Harvest tools, equipment and machinery are selected and checked 2.4 Suitable personal protective equipment is selected, used, maintained and stored
3. Harvest trellis dried grapes	3.1 Harvesting machinery and ancillary equipment is operated in a safe manner and at speeds to suit crop conditions 3.2 Quality of the crop is maximised by implementing and maintaining standards that meet processor and enterprise requirements 3.3 Full bulk bins are removed, stored and treated as soon as possible to minimise deterioration of crop quality 3.4 Harvest tools, equipment and machinery are cleaned of pests and other contaminants to maintain crop quality 3.5 Risks to self, others and the environment are recognised and controlled
4. Carry out postharvest drying	4.1 Drying tools, equipment and machinery are selected and checked 4.2 Post-harvest drying is undertaken as directed to meet processor requirements 4.3 Moisture and temperature of crop are monitored during drying and returned to bulk bins after appropriate cool down has occurred 4.4 Tool, equipment and machinery malfunctions, faults, irregular performance, damage and the need for corrective action are identified and reported

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills include:

Ability to:

- summer prune vines according to enterprise requirements
- handle and use trellis drying tools, equipment and machinery safely
- select, fit and use appropriate personal protective clothing and/or equipment
- demonstrate safe and environmentally responsible workplace practices
- record information according to enterprise requirements

Required knowledge includes:

Knowledge of:

- summer pruning requirements and procedures
- crown/cordon bunch picking/removal requirements and procedures
- the parts of a grape vine
- year round preparation required for trellis drying
- processor quality standards and requirements
- environmental impact issues
- hazard identification and control

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and includes achievement of the following: • undertake summer pruning and crown bunch removal • carry-out harvest and post-harvest drying • follow work plans • comply with processor quality standards and requirements
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.
Method of assessment	• Assessment methods must satisfy the endorsed Assessment Guidelines of the AHC10 Training Package and can be assessed holistically with other units • Assessment methods must confirm consistency and accuracy of performance (over time and in a range of workplace relevant contexts) together with application of required knowledge • Assessment must be by direct observation of tasks, with questioning on required knowledge and it must also reinforce the integration of employability skills • Assessment methods must confirm the ability to access, interpret and apply the required knowledge • Assessment may be applied under project-related conditions (real or simulated) and require evidence of process • Assessment must confirm a reasonable inference that competency is able not only to be satisfied under the particular circumstance, but is able to be transferred to other circumstances • The assessment environment should not

	disadvantage the candidate • Assessment practices should take into account any relevant language or cultural issues related to Aboriginality, gender or language backgrounds other than English • Where the participant has a disability, reasonable adjustment may be applied during assessment • Language and literacy demands of the assessment task should not be higher than those of the work role
Guidance information for assessment	To ensure consistency of performance, competency should be demonstrated on more than one occasion over a period of time in order to cover a variety of circumstances, cases and responsibilities, and where possible, over a number of assessment activities.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

<i>Grape</i> varieties include:	• sultanas • currants • Sunmuscats • other grape varieties suitable for trellis drying
<i>Trellis drying</i> methods include:	• emulsion treated • naturals
Property characteristics include:	• terrain • type of trellis system • water accessibility • irrigation • machinery access • level of mechanisation • property design/layout • soil types • crop yield
Seasonal conditions include:	• humidity • temperature • rainfall

Unit Sector(s)

Production Horticulture