



Australian Government

AHCPHT504 Develop a grape production plan

Release: 1

AHC PHT504 Develop a grape production plan

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to develop a production plan for a grape growing enterprise using knowledge of issues and trends affecting the industry, grape market requirements and vineyard site factors, suitable plant species and cultivars, resources and equipment for establishing a vineyard.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Production horticulture (PHT)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Carry out preliminary planning activities	1.1 Identify and evaluate trends and issues affecting the Australian viticulture industry for their impact on planning decisions 1.2 Determine client preferences and requirements for the production of grapes 1.3 Assess the vineyard site for growing environment factors,

Element	Performance criteria
	services and site modifications 1.4 Conduct research into the characteristics and growing requirements of grape varieties and cultivars, legal attributes of the site, and local by-laws and restrictions that may affect the production plan 1.5 Identify sustainable land use issues that may affect planned production 1.6 Set production targets that are consistent with the marketing strategy and business plan 1.7 Determine production requirements in terms of quantity and quality of grapes 1.8 Develop a draft plan that reflects client preferences and requirements and takes into account site factors and any identified sustainable land use requirements
2. Determine the production requirements for grapes	2.1 Identify grape varieties that are appropriate to the site and consistent with the plan 2.2 Calculate, cost and confirm the quantity required with the supplier 2.3 Select establishment procedures consistent with the agreed preliminary plan 2.4 Document cultural management practices to achieve optimal growth 2.5 Determine harvesting dates to meet market specifications and deadlines 2.6 Identify and cost resources, tools, equipment and machinery required for production 2.7 Identify hazards associated with production activities, assess risks and identify and document controls in the plan 2.8 Identify policy concerning grapes not meeting specifications according to customer requirements, quality assurance policies and marketing strategy
3. Schedule grape production activities	3.1 Outline staged implementation and development of the grape production activities 3.2 Determine and document timelines for grape production activities 3.3 Plan and schedule marketing according to the production schedule and marketing strategy
4. Plan monitoring of the grape production plan	4.1 Determine production activities to be monitored, the format for recording factors, frequency of monitoring and the thresholds for remedial action 4.2 Document required remedial action for implementation by staff 4.3 Review on a regular basis the effectiveness of the monitoring system

Element	Performance criteria
	4.4 Compare the production program with feedback and projections from clients
5. Prepare and document the grape production plan and specifications	5.1 Prepare detailed plans, specifications and quotations based on industry conventions and the requirements of production 5.2 Produce a scaled vineyard site plan which can be readily interpreted and understood by on-site personnel 5.3 Develop and document detailed on-site procedures and schedules required for grape production

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCPHT504A Develop a grape production plan.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPTH504 Develop a grape production plan

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- research, evaluate and record relevant information calculate the cost and logistical requirements of the production plan
- Plan and schedule grape production activities
- Plan and schedule marketing
- communicate and negotiate with the client, staff, managers, suppliers, contractors and consultants
- document plans, specifications and production work procedures
- prepare reports for staff, managers, clients and contractors
- produce a site plan which can be readily understood by on-site personnel

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for developing a grape production plan
 - establishment and management of grape production in relation to client needs and the standards required by the marketplace
 - establishment procedures, plant selection and cultural practices for grape production
 - processes and techniques for preparing, costing and documenting plans for and scheduling grape production
 - the role of business and marketing plans and client consultation processes in planning grape production
 - trends and issues of the Australian viticulture industry

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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