



Australian Government

AHCPHT212 Perform manual pollination of crops

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to manually pollinate crops including preparing for pollination, pollination of crop and completion of pollination activities.

The unit applies to individuals who manually pollinate crops under general supervision with limited autonomy or accountability.

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

Pre-requisite Unit

Nil

Unit Sector

Production horticulture (PHT)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to pollinate crop	1.1 Confirm with supervisor crop to be pollinated 1.2 Select appropriate tools and equipment for crop to be pollinated 1.3 Identify environmental and biosecurity implications associated with manual pollination and minimise impact 1.4 Recognise workplace hazards and report safety concerns 1.5 Select, fit, use and maintain personal protective equipment applicable to the task and workplace safety requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Pollinate crop	2.1 Identify appropriate starting point for pollination activity 2.2 Position tools and equipment correctly at commencement and during pollination activity 2.3 Use manual pollination techniques appropriate to crop
3. Complete pollination activities	3.1 Clean and return tools and equipment to required location 3.2 Identify and report unserviceable tools and equipment according to workplace procedures 3.3 Record pollination activity according to workplace procedures 3.4 Report pollination activities to supervisor

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret textual information from a range of sources to identify relevant and key information about workplace operations and products
Writing	Use clear language, accurate industry terminology and logical structure to prepare pollination activity records
Oral Communication	Use clear language to confirm crop to be pollinated and report safety concerns, pollination activities and tool and equipment unserviceabilities
Navigate the world of work	Recognise and follow workplace requirements, including safety requirements, associated with own role and area of responsibility
Get the work done	Take responsibility for routine decisions about manual pollination of crops and reflect on outcomes to identify effectiveness of decisions

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPHT212 Perform manual pollination of crops	Not applicable	New unit	No equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPHT212 Perform manual pollination of crops

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has manually pollinated a crop on at least two occasions and has:

- selected, positioned, used and maintained manual pollination tools and equipment
- minimised environmental impacts associated with manual pollination of crops
- followed industry and workplace biosecurity procedures
- applied workplace health and safety requirements
- applied manual pollination equipment operating instructions
- used appropriate crop manual pollination technique.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- manual pollination:
 - purpose
 - optimum flowering and pollination conditions
 - techniques
 - tools and equipment
- environmental impacts associated with manual pollination of crops
- industry and workplace biosecurity procedures
- workplace requirements applicable to health and safety in the workplace for manual pollination of crops
- manual pollination equipment operating instructions.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - manual pollination tools and equipment
 - personal protective equipment applicable to manual pollination
- specifications:
 - manual pollination equipment operating instructions
 - workplace requirements applicable to health and safety in the workplace and manual pollination of crops
 - industry and workplace biosecurity procedures applicable to manual pollination of crops
- relationships:
 - supervisor
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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