



Australian Government

AHCMDC403 Plan and implement a propagation program for medicinal cannabis

Release: 1

AHCMD403 Plan and implement a propagation program for medicinal cannabis

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to plan, implement and monitor a propagation program for medicinal cannabis. It requires the ability to determine propagation requirements to develop the propagation plan, communicate plans and procedures to implement the program, and monitor and evaluate the effectiveness of the program.

The unit applies to individuals at the supervisory or managerial level and who are responsible for managing and monitoring propagation processes on a licensed medicinal cannabis production site.

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

Pre-requisite Unit

Nil

Unit Sector

Medicinal Cannabis (MDC)

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. Determine propagation requirements for medicinal cannabis	1.1 Identify and confirm cultivation specifications and requirements with senior personnel 1.2 Determine propagation methods and quantity of propagation material based on product and production targets 1.3 Determine space requirements for the program, including any

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	parameters that impact on propagation 1.4 Determine legal and regulatory considerations
2. Develop propagation plan	2.1 Identify labour, materials, tools and equipment needs for crop propagation 2.2 Determine propagation media requirements based on the propagation method to be used 2.3 Determine identification and quality specifications for propagation material 2.4 Determine monitoring and treatment strategies to maintain health of propagation material 2.5 Develop schedules for propagation activities, including monitoring of propagation material health, water and nutrients requirements and environmental climate conditions 2.6 Identify hazards, assess risks and determine control limits, measures and corrective actions that ensure health and safety, hygiene, quality and security requirements
3. Implement and monitor propagation program	3.1 Communicate propagation plan and establish roles and responsibilities to all involved 3.2 Communicate and provide training on workplace procedures and schedules, including health and safety, hygiene and security requirements for propagation activities 3.3 Monitor hygiene, quality and record-keeping requirements during propagation activities 3.4 Confirm propagation activities meet legal and regulatory requirements
4. Evaluate propagation program	4.1 Evaluate propagation program for effectiveness 4.2 Identify and record variances from plan and scheduled activities 4.3 Assess propagated plants for health and quality 4.4 Complete reports on propagation activities to meet workplace and compliance requirements, including deviation investigations as required

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 a range of textual and numerical information relevant to propagation requirements to determine required actions
Writing	Prepare and logically structure components of the propagation plan
Oral communication	Participate in verbal exchanges to report and present information to a range of personnel
Numeracy	- Calculate required quantities of propagation materials to meet production objectives - Calculate required resources for propagation plan for a period of time

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMD403 Plan and implement a propagation program for medicinal cannabis	Not applicable	The unit has been created to address an emerging skill or task required by industry	Newly created

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 AHCMD403 Plan and implement a propagation program for medicinal cannabis

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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 planned and implemented a propagation program for medicinal cannabis for at least one propagation cycle, including:

- documented a plan that incorporates each of the following:
 - propagation methods and required quantities of propagation materials
 - resource requirements
 - identification and quality specifications
 - strategies for monitoring and treating propagation material
 - schedules for propagation activities
 - risk assessment and control measures and actions
 - regulatory requirements
- communicated and provided training on propagation activities
- monitored and evaluated activities against the plan and results of propagated plants
- reported on propagation monitoring activities, including any deviations.

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:

- principles and practices for developing a propagation program for medicinal cannabis, including determining:
 - propagation material needs to meet production targets, which may include mother plants, seeds or tissue culture
 - propagation water and nutrient requirements and environmental climate conditions
 - quality specifications
 - identification, propagation and establishment techniques
 - application of non-chemical intervention or treatments

- problems performing propagation activities, and preventative action
- hygiene standards required for propagation activities
- preferred types of propagation media
- scheduling for propagation activities
- legal and regulatory requirements required of licensed cultivators of medicinal cannabis, including reporting requirements
- principles of Good Agricultural and Collection Practices (GACP) in relation to the propagation of medicinal cannabis plants, including:
 - propagation methods
 - traceability
 - hygiene and sanitation
 - health and safety
 - monitoring, sampling and control
 - documentation processes, including deviation investigations reports
- methods and systems that may be used for developing, monitoring and evaluating propagation plans, schedules and workplace procedures
- principles of risk assessment, including hazard identification, risk analysis, control limits, control measures and corrective actions and evaluation
- effective training methods used to train staff on workplace procedures.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a medicinal cannabis production site or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - software applications/workplace documentation for developing plans and schedules
- specifications:
 - cultivation specifications
 - workplace procedures relating to the propagation of medicinal cannabis, including security, health and safety, hygiene and sanitation, quality, recording and reporting requirements
- relationships:
 - senior personnel and staff.

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

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