



**Australian Government**

# **AHCPHT316 Supervise mushroom substrate preparation**

**Release: 1**

# AHCPTH316 Supervise mushroom substrate preparation

## 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 supervise mushroom substrate preparation (Phase II), including confirming preparation requirements, monitoring the preparation process and finalising the mushroom substrate preparation process.

The unit applies to individuals who supervise mushroom substrate preparation under broad direction, and take responsibility for their own work and for the quality of the work of others.

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. Confirm requirements for mushroom substrate preparation | 1.1 Obtain details of required quantities of substrate, dates and times to be achieved for each stage of the process, and inform work team<br>1.2 Determine availability, quality, serviceability and cleanliness of resources required for mushroom substrate preparation<br>1.3 Identify and apply site quarantine protocols, workplace and personal hygiene requirements, and food safety requirements for substrate preparation<br>1.4 Identify potential hazards and risks and implement safe working |

| Elements                                           | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>   | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                    | practices to manage risks<br>1.5 Identify environmental and biosecurity implications associated with substrate preparation, and undertake activities to minimise impact                                                                                                                                                                                                                                                                                                                                                                    |
| 2. Monitor mushroom substrate preparation process  | 2.1 Monitor mushroom substrate preparation processes<br>2.2 Take samples of materials and outputs according to workplace procedures<br>2.3 Monitor and position probes to ensure representative readings<br>2.4 Record production information required for Hazard Analysis and Critical Control Points (HACCP)<br>2.5 Report faults or variations from required settings or workplace quality standards<br>2.6 Monitor compost, rooms and work areas for the presence of pests, and take remedial action according to workplace procedures |
| 3. Finalise mushroom substrate preparation process | 3.1 Monitor clean-up activities at the end of each process stage<br>3.2 Perform routine preventative maintenance, and report faults according to workplace procedures<br>3.3 Clean and store tools and equipment according to workplace requirements<br>3.4 Record substrate preparation activities according to workplace requirements                                                                                                                                                                                                    |

## 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 | <ul style="list-style-type: none"> <li>Interpret textual information from a range of sources to identify relevant and key information about mushroom substrate preparation</li> </ul>         |
| Writing | <ul style="list-style-type: none"> <li>Use clear language, accurate industry terminology and logical structure to record production information and substrate preparation activity</li> </ul> |

| Skill              | Description                                                                                                                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oral communication | <ul style="list-style-type: none"><li>Use clear language to inform work team of substrate preparation activity and report faults or variations from required settings and workplace quality standards, and report routine preventative maintenance faults</li></ul> |

## Unit Mapping Information

| Code and title current version                        | Code and title previous version                       | Comments                                                                                                                            | Equivalence status |
|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| AHCPHT316<br>Supervise mushroom substrate preparation | AHCPHT309<br>Supervise mushroom substrate preparation | Minor changes to application<br>Major changes to performance criteria<br>Foundation skills added<br>Assessment requirements updated | Not equivalent     |

## Links

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