



Australian Government

Assessment Requirements for AHCPHT407 Manage mushroom crop development

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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:

- develop work schedules
- maintain environment within parameters for production
- monitor and manage growing room conditions, watering and flush development of mushroom crops
- identify stages of growth and development, and factors impacting on yields and mushroom quality
- identify the interdependency of stages of growth and impact of early stages of production cycle on production results

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of mushroom crop development
 - available options of additives to irrigation water to promote mushroom quality and the main considerations of their use
 - basic understanding of air conditioning principles, particularly relative humidity
 - casing function, application and depth and surface structure requirements
 - desirable physical, biological and chemical characteristics of casing
 - farm standards and procedures, including those relating to OHS, food safety, Hazard Analysis Critical Control Point (HACCP), quality systems, emergency procedures, organisational structure and workplace communication channels and protocols
 - goals and sub-stages of Phase II substrate preparation and impact of Phase II on yields and quality

- growth phases of a mushroom crop and interactions that occur between the compost, casing, environmental factors (such as temperature, water, relative humidity and carbon dioxide) and growth of the mushroom
- how nature of casing and the appearance and quantity of mycelium growth in casing affect the number, distribution and quality of fruit bodies formed
- impact of mushroom numbers and size on picking and quality
- industry and workplace awards and conditions
- management impacts of supplementing at spawning or casing
- management requirements of casing - Compost Added at Casing (CAC) and/or Casing Inoculums (CI)
- OHS and environmental legislation, industry codes of practice and enterprise procedures
- overview of Phase I substrate production and its impact on yields and quality
- site quarantine protocols

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

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