



Australian Government

AHCPHT201 Plant horticultural crops

Release: 1

AHCPTH201 Plant horticultural crops

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plant horticultural crops in the annual, vegetable and flower growing industries.

It applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

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. Prepare for crop planting operations	1.1 Follow instructions about planting the crop 1.2 Prepare machinery, equipment and tools for crop planting 1.3 Recognise workplace hazards and report safety concerns 1.4 Use and maintained personal protective equipment (PPE)
2. Prepare the site and plant material for planting	2.1 Prepare soil or growing media 2.2 Implement crop protection 2.3 Apply pre-planting treatments 2.4 Store planting material where required

Element	Performance criteria
	2.5 Operate machinery, equipment and tools for soil preparation
3. Carry out planting operations	3.1 Select planting material 3.2 Store, handle and transport planting materials to the site 3.3 Carry out planting 3.4 Water plants in and apply post-planting treatments

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 AHCPHT201A Plant horticultural crops.

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 AHCPTH201 Plant horticultural crops

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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:

- apply agricultural chemicals under supervision
- apply enterprise quality standards
- estimate spacing and planting patterns
- follow safety procedures
- identify workplace hazards
- measure quantities of plant materials and treatments
- operate machinery to manufacturers specifications and low risk operating procedures
- select planting material
- use and maintain planting equipment

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for planting horticultural crops
 - basic plant physiology
 - basic preparation of soil and growing media
 - environmental impacts and risks of planting horticultural crops
 - growing requirements of plants
 - importance of correct timing and procedures for crop planting
 - importance of field hygiene and quality control in regard to crop planting
 - nutritional, water and other requirements of the crop
 - principles of pest, weed and disease control
 - pre-planting soil and plant treatments and their importance
 - soil structure and health

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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