



Australian Government

AHCPHT306 Establish horticultural crops

Release: 1

AHCPTH306 Establish 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 establish horticultural crops by seed, seedlings or other vegetative means.

It applies to individuals who take responsibility for their own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources. All work is carried out to comply with workplace procedures.

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 machinery and equipment for use	1.1 Select and prepare machinery and equipment and confirm against the work plan 1.2 Attach and calibrate equipment for operation 1.3 Identify workplace hazards, assess and control risks
2. Prepare for horticultural crop establishment	2.1 Monitor soil and weather conditions for optimal seeding conditions 2.2 Recognise and confirm soil conservation and sustainable land management practices and procedures 2.3 Confirm and prepare seeding/planting, fertiliser, and pest and

Element	Performance criteria
	weed control requirements
3. Sow/plant the crop	3.1 Undertake seeding/planting and fertiliser applications out 3.2 Coordinate pest and weed control treatment with seeding/planting and fertiliser applications
4. Complete seeding/planting operations	4.1 Maintain seeding/planting, machinery and equipment operation records 4.2 Report machinery and equipment damage, malfunctions or irregular performance 4.3 Clean, secure and store machinery and equipment

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 AHCPTH306A Establish 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 AHCPTH306 Establish 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:

- carry out ground preparation and apply pre-planting treatments
- prepare and service machinery and equipment
- carry out sowing/planting operations and fertiliser application
- monitor the environmental impacts of establishing the crop
- clean, secure and store machinery and equipment
- keep records of the sowing/planting operation

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for establishing crops
 - crop types, preparation of seeds/plants, seeding/planting methods and application techniques
 - effects of weather conditions on seeding/planting and fertilising applications
 - enterprise policies for seeding/planting operations and recording and reporting routines
 - fertiliser types, rates of application and crop nutrient requirements
 - operating principles and operating methods for machinery and equipment
 - positive environmental practices, negative environmental impacts and minimisation measures associated with seeding operations
 - personal protective equipment (PPE) and when and how it should be used
 - pre-operational and safety checks, servicing and maintenance procedures for seeding/planting machinery and equipment
 - principles of weight distribution with regard to load shifting and vehicle movement
 - procedures for cleaning, securing and storing machinery, equipment and materials

- relevant legislation, regulations and codes of practice with regard to workplace health and safety and the use and control of hazardous substances
- sustainable land management and soil conservation techniques

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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