



Australian Government

AHCSDP403 Plan and implement seed crop maintenance

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plan and implement seed crop maintenance. It applies to workers on properties where commercial seed production is undertaken.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. 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

Seed production (SPD)

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. Determine condition of seed crops	1.1 Calculate soil water percentage from an assessment of soil moisture 1.2 Calculate water requirement according to soil analysis data, standing crop and forecast weather conditions 1.3 Assess nutrient requirements and availability for crops and identify deficiencies

Element	Performance criteria
	1.4 Identify factors affecting crop capacity 1.5 Implement sustainable land management
2. Determine pest control	2.1 Assess evidence of pests and disease and determine integrated control measures appropriate to type and species of infestation 2.2 Locate areas of weed infestation and identify species 2.3 Select integrated control methods to control pests and weeds 2.4 Schedule control methods at the optimum time 2.5 Record severity of infestations and keep treatment records
3. Manage crop health	3.1 Maintain crop water and nutritional requirements 3.2 Monitor the weed and pest control program and modify as required 3.3 Assess benefits from soil and plant inputs and treatments and document for analysis in future management programs 3.4 Monitor cropping programs for efficiency and effectiveness and document for future best practice 3.5 Document relevant data for continual analysis and effective crop management

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 AHCS DP403A Plan and implement seed crop maintenance.

Links

Companion Volume implementation guides are found in VETNet -

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