



Australian Government

AHCSDP404 Supervise seed crop harvesting

Release: 1

AHCSDP404 Supervise seed crop harvesting

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to supervise seed crop harvesting. 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. Prepare for harvesting	1.1 Assess crop maturity and quality for harvesting 1.2 Inspect harvesting machinery for seed contaminants and ensure machinery clean downs have been done 1.3 Obtain machinery licences or permits as required 1.4 Assess insurance requirements and plan and implement risk management strategies as required

Element	Performance criteria
2. Determine harvest strategy	2.1 Assess crop maturity to determine best time to harvest 2.2 Determine resource requirements based on estimated crop size 2.3 Organise labour and equipment to carry out harvesting operations 2.4 Determine fire prevention and control requirements
3. Coordinate the harvest strategy	3.1 Ensure effective communication strategies for smooth workflow and personnel safety 3.2 Implement and adjust harvesting operations according to weather, equipment and staff requirements 3.3 Coordinate equipment operations for maximum efficiency and monitor for performance effectiveness 3.4 Identify and control existing and potential hazards
4. Complete harvest operation	4.1 Locate storage resources for efficient operations and identify strategies for drying grain if necessary 4.2 Monitor quality of grain for moisture content according to grain classification standards 4.3 Evaluate harvesting operations and outcomes against harvest strategy 4.4 Document relevant information for analysis and effective planning

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 AHCSDP404A Supervise seed crop harvesting.

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 AHCSDP404 Supervise seed crop harvesting

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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:

- arrange storage and delivery requirements
- assess crop maturity and quality in readiness for harvesting
- establish strategies, procedures and controls for crop harvesting, including fire prevention and control plans
- estimate crop yields
- maintain budgetary controls
- negotiate and arrange contracts and agreements
- segregate grain for quality and monitor for moisture content

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of seed crop harvesting
 - crop maturity and yield potential
 - crop measurement techniques and parameters
 - environmental controls and codes of practice applicable to harvesting operations
 - functions and limitations of harvesting equipment
 - grain or seed quality
 - hygiene requirements for certified seed
 - location and relative skills and abilities of available contractors
 - market information and sources
 - relevant legislation, codes of practice and enterprise requirements for work health and safety, contractor engagement, environment and pesticides
 - supervisor responsibilities in managing the safety of a workplace

- weather conditions which may affect the harvest

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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