



Australian Government

FBPVIT3003 Operate spreading and seeding equipment

Release: 1

FBPVIT3003 Operate spreading and seeding equipment

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to attach, set up and detach spreading and seeding equipment that requires calibration.

The unit applies to individuals who complete spreading and seeding activities such as planting cover crops and ensuring deep incorporation of ameliorants and fertilisers.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, and food safety regulations, legislation and standards that apply to the workplace.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Viticulture (VIT)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for operation	1.1 Interpret and confirm job requirements 1.2 Confirm environmental guidelines and identify potential health and safety hazards and controls according to workplace procedures 1.3 Select and fit personal protective equipment according to job requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Prepare and ensure seeding or spreading materials are available to meet job requirements 1.5 Select, maintain, set and calibrate equipment to meet workplace procedures
2. Operate equipment	2.1 Start up and operate equipment safely according to workplace procedures 2.2 Apply materials according to job requirements 2.3 Monitor equipment performance 2.4 Recognise and address non-conformances with equipment operation in accordance with workplace procedures
3. Complete operation	3.1 Shut down equipment according to workplace procedures 3.2 Clean and store equipment according to workplace procedures 3.3 Collect, treat, and dispose of waste generated by the process according to workplace procedures 3.4 Record workplace information according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Comprehend information from a variety of workplace documents
Oral Communication	Converse clearly to confirm job requirements
Writing	Record workplace information using industry-based vocabulary, grammar and conventions
Navigate the world of work	Apply workplace procedures and legislative responsibilities relevant to own role
Get the work done	- Plan and organise tasks required to achieve job requirements - Identify and solve problems by referring to workplace procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPVIT3003 Operate spreading and seeding equipment	FDFWGG3013A Operate spreading and seeding equipment	Updated to meet Standards for Training Packages Code changed to reflect industry sector Minor changes to Elements and Performance Criteria for clarity Prerequisites removed	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>

Assessment Requirements for FBPVIT3003 Operate spreading and seeding equipment

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has safely and effectively set up, operated and shut down seed spreading equipment at least once and demonstrated the following, including:

- recognising health and safety hazards and applying controls in the workplace
- selecting and using personal protective equipment (PPE)
- ensuring availability of specified materials and preparing according to workplace requirements
- selecting, attaching, setting up and calibrating equipment to meet job requirements
- starting, operating and shutting down equipment in accordance with workplace procedures
- monitoring spreading or seeding operations to achieve specified result
- shutting down the equipment according to workplace procedures
- taking corrective action in response to non-conformance results
- disposing of waste materials according to workplace and environmental policies
- recording information accurately.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- the purpose and application of spreading and seeding operations within the vineyard growing system, including:
 - soil ameliorants
 - inter-row cropping species and varieties
 - inter-row cropping practices and techniques
 - inorganic and organic fertilising materials
 - process specifications, procedures and operating parameters
- application parameters for seed or spreading materials:

- correct variety or type of seed and fertiliser
- correct soil ameliorant and treatment
- application rate
- volume
- application depth
- density
- coverage
- required weather conditions for activity
- soil characteristics as they apply to spreading and seeding operations
- purpose and operation of seeding and spreading equipment and instrumentation components:
 - common causes of non-conformance and corrective action required
 - significance and methods of monitoring equipment performance
 - storage procedures for equipment and materials
 - routine maintenance procedures for equipment
 - start up and shutdown sequence
- equipment status and condition:
 - belts and chains
 - lubricants
 - hydraulics
 - air intake
 - tyre pressure and wear
 - wear and tear
- how to select, attach, set up and calibrate equipment to meet job requirements
- how to select, prepare and load materials according to job requirements
- how to start up, operate and monitor equipment
- how to conduct routine maintenance of equipment according to workplace procedures
- local environment and operating conditions
- health and safety hazards and controls in the workplace
- PPE
- procedures and responsibility for reporting non-conformances
- procedures for collecting, sorting, treating, disposing of and recycling waste to meet environmental compliance
- equipment cleaning requirements and procedures
- storage requirements associated with temporary or seasonal breaks in activity
- procedures for maintaining workplace records.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:

- an agricultural or horticultural workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE
 - spreading and seeding equipment, services and corresponding information
 - spreading and seeding products and materials
 - cleaning procedures, materials and equipment
 - documentation and recording requirements and procedures
- specifications:
 - work procedures, including advice on company practices, safe work practices, equipment calibration and environmental requirements
 - work instructions and schedules.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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