



Australian Government

**Assessment Requirements for
AHCMOM306 Ground spread fertiliser
and soil ameliorant**

Release: 2

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Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

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 operated fertiliser and soil ameliorant spreading equipment and machinery at least once and has:

- identified hazards and implemented safe workplace practices and procedures
- assessed environmental and physical hazards that may be encountered when undertaking ground spreading operations and taken appropriate action to minimise risks
- communicated with clients to ensure a common understanding and agreement of task to be undertaken
- used maps and interpreted written instructions regarding areas to be spread including types of products and application rates
- maintained, calibrated and operated ground spreading equipment according to operation and maintenance manual, manufacturer specifications and in line with industry standards for uniformity of application
- monitored weather conditions during ground spreading operations and adjusted operations to minimise risk to local environment and personnel in the vicinity
- minimised environmental impacts associated with fertiliser and soil ameliorant application including attention to buffer zones and run-off
- applied fertiliser or soil ameliorants at rate agreed by customer to specified land area
- implemented shut down procedures including cleaning, securing, and safe storage of machinery
- completed operational and equipment maintenance records according to workplace procedures
- followed industry and workplace biosecurity procedures.

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:

- hazards and risks associated with fertiliser and soil ameliorant application, and machinery and equipment operation
- fertiliser and soil ameliorant machinery and equipment operating components, controls, features, technical capabilities and limitations
- operational limits of equipment with regard to uniformity of application and potential health and safety implications
- spreading characteristics of different fertiliser and soil ameliorant products
- environmental impacts associated with fertiliser spreading including hazards to waterways
- purpose of buffer zones
- methods of monitoring local weather conditions and the effects of changes on ground spreading activities
- operating principles and operating methods of fertiliser and soil ameliorant machinery and equipment
- procedures for cleaning, securing and storing fertiliser and soil ameliorant machinery, equipment and tools
- workplace procedures applicable to fertiliser and soil ameliorant application
- workplace procedures applicable to health and safety in the workplace and fertiliser and soil ameliorant application, and fertiliser and soil ameliorant machinery and equipment
- industry and workplace biosecurity procedures.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
 - individual must not be under the influence of alcohol or drugs
 - individual must not be taking any medication (prescribed or otherwise) that may impair judgement
 - individual must not be in a fatigued state when operating fertiliser and soil ameliorant machinery
- resources, equipment and materials:
 - fertiliser and soil ameliorant machinery, equipment and tools
 - fertiliser or soil ameliorant products
 - protective clothing
 - respirators
 - protective eyewear
 - unlined rubber or plastic gloves
 - neoprene or nitrile boots

- safety equipment and personal protective equipment applicable to the task being undertaken
- specifications:
 - fertiliser and soil ameliorant machinery and equipment operation and maintenance manuals and manufacturer specifications
 - industry code of practice applicable to fertiliser and soil ameliorant application
 - industry and workplace biosecurity procedures applicable to fertiliser and soil ameliorant application, and fertiliser and soil ameliorant machinery and equipment
- timeframes:
 - according to the job requirements.

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

Links

Companion Volumes, including Implementation Guides are available at VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>