



Australian Government

AHCARB211 Apply treatments to trees

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0.

Application

This unit of competency describes the skills and knowledge required to remedy common tree problems by applying treatments including alleviating tree stress and improving soil condition, application of fertilisers and soil amelioration in consideration of the environmental implications of treatment methods, techniques and procedures.

The unit applies to individuals working in a broad range of arboriculture contexts who undertake defined routine activities under supervision. They exercise limited autonomy within established and well known parameters, providing solutions to a limited range of predictable problems.

The arboriculture industry requires that all arboriculture work is undertaken according to preferred industry practices (as outlined in the Companion Volume).

Legislation, regulations and by-laws relating to the treatment and removal of trees apply in some states and territories.

Pre-requisite Unit

Nil

Unit Sector

Arboriculture (ARB)

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 to apply tree treatments	1.1 Confirm trees to be treated and work activity instructions with supervisor 1.2 Confirm workplace health and safety hazards and controls from

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	job safety analysis (JSA) with supervisor 1.3 Select, check and use personal protective equipment 1.4 Select, prepare and carry out pre-operational and safety checks on tools and equipment 1.5 Confirm availability of first aid and emergency personnel, equipment and procedures 1.6 Select and prepare treatment tools and equipment according to workplace and biosecurity procedures
2. Modify environment to maintain health and vigour of tree	2.1 Undertake weed control measures to remove competing plants according to treatment instructions 2.2 Apply soil additives according to soil condition and treatment instructions 2.3 Apply plant-based mulch according to treatment instructions 2.4 Use tools and equipment for de-compaction of soil according to supervisor and equipment manufacturer instructions
3. Apply chemical treatment	3.1 Identify chemical treatments required from supervisor instructions 3.2 Select, prepare and calibrate application equipment 3.3 Prepare chemical treatments according to manufacturer label and workplace safety procedures 3.4 Apply chemical treatment according to workplace procedures
4. Complete treatment operations	4.1 Clean site, collect and store unused materials and dispose of waste according to workplace and environmental procedures 4.2 Clean, maintain and store equipment and machinery according to workplace and biosecurity procedures 4.3 Record and report treatment outcomes 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	Interpret textual information from supervisor instructions, manufacturer instruction and procedures to identify relevant and key information for performance tasks, operator safety and procedural processes
Writing	Complete reports and records using clear language, concepts and industry terminology to ensure clarity of meaning
Numeracy	Perform basic calculations to determine areas, volumes and ratios for application of chemicals and soil additives
Navigates the world of work	Comply with explicit biosecurity and environmental procedures, and implement application rates and safety measures on chemical labels, seeking clarification where unsure

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB211 Apply treatments to trees	AHCARB201 Apply a range of treatments to trees	Title changed Prerequisite unit removed Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent

Links

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