Modification history

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

| AHCPHT2006 | Obtain and process rootlings |
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| Application | This unit of competency describes the skills and knowledge required to dig and process vine rootlings.  The unit applies to individuals who work under general supervision, with limited autonomy and accountability for their own work.  No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.  All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace. |
| Prerequisite Unit | Nil |
| Unit Sector | Production horticulture (PHT) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare to process rootlings | 1.1 Confirm work instructions and identify potential work health and safety (WHS) hazards and controls with supervisor  1.2 Select and use appropriate personal protective clothing and equipment  1.3 Obtain serviceable tools and equipment required to process rootlings  1.4 Collect and check equipment for serviceability and sanitise according to operating instructions  1.5 Use safe work practices to minimise work hazards  1.6 Clean and sanitise facilities to minimise risk of contamination according to workplace procedures |
| 2. Obtain rootlings | 2.1 Check requirements for rootlings from field nurseries, sand beds or callusing against instructions  2.2 Dig rootlings from field nurseries safely using tractor-mounted or trailed digging machines or hand-held tools according to workplace practices  2.3 Obtain rootlings from sand beds or callusing room according to workplace practices |
| 3. Process rootlings | 3.1 Treat and bundle rootlings according to workplace procedures  3.2 Label, pack and store bundles according to workplace practices  3.3 Collect and dispose of waste according to waste management procedures  3.4 Undertake work to comply with workplace environmental guidelines  3.5 Identify, rectify and report problems and anomalies |
| 4. Prepare rootlings for dispatch | 4.1 Assemble bundles of rootlings according to workplace practices  4.2 Prepare and pack rootlings for dispatch according to instructions  4.3 Load stock for dispatch safely  4.4 Check orders against goods being dispatched accurately  4.5 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. | |
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| Skill | Description |
| Reading | * Interpret textual information from a variety of workplace documents accurately |
| Oral Communication | * Converse clearly using industry-specific language |
| Numeracy | * Calculate numerical information relating to packaging, labelling and despatching |
| Navigate the world of work | * Follow clear instructions within defined level of responsibility * Recognise own work performance and seek assistance where required |
| Get the work done | * Recognise and act on opportunities for continuous improvement in accordance with workplace practices * Respond to routine problems using step-by-step instructions and procedures |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPHT2006 Obtain and process rootlings | FDFWGG2006A Obtain and process rootlings | Updated to meet Standards for Training Packages  Code changed to reflect changed training package  Minor changes to performance criteria for clarity | Equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4 |

| TITLE | Assessment requirements for AHCPHT2006 Obtain and process rootlings |
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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 demonstrated the following for obtaining and processing rootlings from a field nursery, a sand bed and a callusing room:   * using personal protective equipment (PPE), interpreting safety guidelines, Material Safety Data Sheets (MSDS) and following other specified work health and safety (WHS) procedures * handling and using treatments and disinfectants * selecting and mixing treatments to required concentrations * sanitising equipment and work surfaces to instructions * treating bundling, storing and labelling rootling according to procedures * preparing, packing and loading rootling for dispatch according to workplace procedures * identifying and reporting problems and anomalies * treating and disposing of waste according to workplace procedures * maintaining appropriate records. | |

| Knowledge Evidence |
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| 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:   * work health and safety (WHS) hazards and controls: * selecting, fitting and using appropriate personal protective clothing and equipment * purpose and application of personal protective clothing and/or equipment * safe preparation and handling of treatments * equipment operation and maintenance requirements and procedures: * safe and effective handling and storage of equipment * selecting and using correct materials * cleaning requirements and procedures for work area and equipment: * principles of nursery hygiene * treatments and methods of mixing: * handling rootlings correctly * processes for treating rootlings: * hydration of all rootlings * chemical treatment of all rootlings * common features of vine rootlings health * procedures for monitoring the standard of rootlings, and grading and sorting them for: * diameter of stem * appearance * length and number of shoots * strength of graft union * factors that influence how a rootling should be graded and why * package, storage requirements and procedures for rootlings ready for sale, including: * cold room layout and temperature variations * customer requirements * storage time requirements * procedures for checking stock against orders, including: * quantity of stock * varieties and clones * quality of stock is within specifications * procedures and responsibilities for reporting problems and anomalies * rootling preparation requirements and procedures for sales or transfers to customers * procedures for dispatching stock, including: * correct manual handling * correct use of mechanical transfer equipment * reporting and recording requirements and procedures * procedures for maintaining work area and equipment to meet workplace housekeeping and hygiene standards: * using appropriate cleaning techniques * identifying, rectifying and reporting environmental non-compliance * procedures for collecting and disposing of waste to minimise risk of environmental damage: * waste disposal requirements and procedures * environmental issues and controls. |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * a workplace or an environment that accurately represents workplace conditions * resources, equipment and materials: * personal protective clothing and equipment * equipment, services and corresponding information * products and materials * cleaning procedures, materials and equipment * specifications: * work procedures, including advice on company practices, safe work practices, food safety, quality and environmental requirements * instructions, information, specifications and schedules * documentation and recording requirements and procedures.   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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