Modification history

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

| FBPVIT2007 | Tend containerised nursery plants |
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| Application | This unit of competency describes the skills and knowledge required to tend containerised nursery plants.  The unit applies to workers in wine grape nurseries who work under general supervision, with limited autonomy and accountability for their own work.  No occupational licensing, legislative or certification requirements are known to 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 | Viticulture (VIT) - Nursery |

| 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. Maintain nursery facilities | 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 equipment  1.3 Undertake work in accordance with relevant material safety data sheets (MSDS) workplace environmental guidelines  1.4 Maintain irrigation system according to workplace procedures  1.5 Check temperature controls against instructions  1.6 Follow nursery hygiene requirements to minimise risk of contamination |
| 2. Treat plants to maintain growth | 2.1 Recognise and report common problems according to workplace procedures  2.2 Select and safely use equipment and tools appropriate for the maintenance task  2.3 Ensure materials are available and ready for requirements  2.4 Select, mix and apply chemical treatments safety in accordance with workplace practice  2.5 Apply treatments according to instructions  2.6 Apply irrigation according to workplace practices |
| 3. Carry out post-treatment operations | 3.1 Collect and dispose of waste according to workplace procedures  3.2 Shut down, clean and store equipment in accordance with workplace procedures  3.3 Clean and sanitise facilities according to workplace procedures  3.4 Undertake work to comply with workplace environmental guidelines  3.5 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 | * Reads and interprets instructions and specifications for tending nursery plants and consolidates information to determine requirements |
| Writing | * Prepares relevant reporting and other documentation using clear language, correct spelling and industry terminology |
| Numeracy | * Performs basic calculations when checking environmental factors and preparing treatments |
| Oral Communication | * Uses clear language and oral concepts when clarifying and confirming work requirements |
| Navigate the world of work | * Recognises organisational expectations and follows explicit protocols and procedures within defined level of responsibility |
| Get the work done | * Follows clearly defined instructions and sequencing, and monitors own progress for the task, seeks assistance when necessary * Makes low-impact decisions around immediate clearly defined tasks * Recognise and act on opportunities for continuous improvement in accordance with workplace practices |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPVIT2007 Tend containerised nursery plants | FDFWGG2007A Tend containerised nursery plants | Updated to meet Standards for Training Packages  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 FBPVIT2007 Tend containerised nursery plants |
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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 carried out the requirements to tend containerised nursery plants. Each of the following points much be demonstrated, at least once:   * using personal protective equipment * interpreting and following Material Safety Data Sheets (MSDS) other specified WHS procedures * following hygiene procedures * selecting, mixing and applying chemical treatments according to instructions * sanitising equipment * monitor irrigation system and rectify or report faults * irrigating and monitor plants to instructions. * maintaining appropriate workplace 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:   * principles and operations of a range of irrigation systems used in tending plants in nurseries: * maintaining irrigation system: * fixing blockages * servicing irrigation system components * identifying and reporting faulty components in an irrigation system * fixing leaking heads and hoses * recognising under-performance of the irrigation system, including: * dry spots * water dumping * abnormal water flow * basic understanding of the principles and practices of tending nursery plants: * weed control * nursery hygiene * removing dead or diseased plant materials * washing work area on transfer of plants * disinfecting tools, equipment and work areas * using foot baths on entry to different work areas * correct operating procedures for equipment: * preparing and using equipment: * calibrating and adjusting equipment * carrying out pre-operational checks * cleaning equipment * applying particular settings * shut down procedures * work health and safety (WHS) hazards and controls: * purpose and application of personal protective clothing and/or equipment * safe and effective handling procedures for equipment * safe preparation and handling of treatments * environmental requirements of plants growing in a nursery setting: * environmental issues and controls * cleaning requirements and procedures for work area and equipment * waste disposal requirements and procedures * treatment practices and techniques for common problems * procedures and responsibilities for reporting problems and anomalies * reporting and recording requirements and procedures. |

| 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 * irrigation and maintenance equipment, services and corresponding information * 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, food safety, quality and environmental requirements * instructions, information, specifications 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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