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 X.0. |

| AHCBAC2XX | Assist agricultural crop maintenance |
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| Application | This unit of competency describes the skills and knowledge required to assist others to maintain broadacre agricultural crops according to supervisor instructions and within workplace procedures.  The unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for own work. They undertake defined activities and work in a structured context.  No licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Broad Acre Cropping (BAC) |

| 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 for agricultural crop maintenance operations | 1.1 Confirm crop maintenance work instructions and clarify anomalies with supervisor  1.2 Select and prepare machinery, equipment and tools according to operator instructions and biosecurity procedures  1.3 Identify work health and safety hazards in crop maintenance and report to supervisor  1.4 Select, check, use and maintain personal protective equipment |
| 2. Assist with the implementation of maintenance operations under direction | 2.1 Assist in implementing crop weed, pest and disease control program  2.2 Assist in implementing soil amelioration and crop nutrition program  2.3 Assist in implementing paddock maintenance duties  2.4 Assist in implementing irrigation duties according to crop irrigation plan |
| 3. Complete maintenance operation | 3.1 Clean and sanitise tools and equipment according to workplace procedures, operator instructions and biosecurity procedures  3.2 Dispose of waste according to enterprise polices and environment procedures  3.3 Update crop maintenance records according to workplace procedures |

| Foundation Skills  This section describes those language, literacy, Oral Communication 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 and apply workplace instructions and operator instructions |
| Writing | * Update records for maintenance tasks using industry language and correct concepts and terminology |
| Oral Communication | * Maintain communication with supervisor and team members when assisting with maintenance tasks using appropriate language, tone and pace |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCBAC2XX Assist agricultural crop maintenance | AHCBAC202 Assist agricultural crop maintenance | Edited Application. Minor change to Element 2 title. Changes to clarify and sequence Performance Criteria. Added foundation skills and amended Performance Evidence, Knowledge Evidence and Assessment Conditions. | Not equivalent |

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

| TITLE | Assessment requirements for AHCBAC2XX Assist agricultural crop maintenance |
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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 assisted others in the maintenance of a broadacre agricultural crop and has:   * prepared machinery, equipment and tools * identified basic hazards and reported to supervisor for directions * conducted routine checks on machinery and vehicles for safe operation * operate machinery to manufacturer's specifications and enterprise procedures * reported the presence of weeds, pests and disease in crops * assisted cropping duties under direction, including: * weed, pest and disease control program * crop nutrition program * general paddock maintenance * irrigation maintenance according to crop production plan * maintained records of crop maintenance activities. | |

| 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:   * operations and maintenance of common cropping machinery, including: * preparation * safe operation * repairs and maintenance * cleaning and biosecurity * importance of correct timing and procedures for crop maintenance * weed, pests and disease control in crops, including: * recognition of common weeds, pests and diseases * basic control strategies * tools and equipment used for control and their safe operation * basic crop nutrition, including: * common fertilisers and ameliorants used * application strategies for application * tools and equipment used for application and their safe operation * basic irrigation maintenance activities, including: * component operation * common repairs * common water transport methods and maintenance activities * general paddock maintenance duties, including: * basic fencing and paddock security * fire mitigation and control * headland weed control * drainage and irrigation channels * waste disposal and potential impact on the environment * work health and safety and biosecurity procedures. |

| Assessment Conditions |
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| Assessment of the skills in this unit of competency must take place under the following conditions:   * physical conditions: * skills must be demonstrated on a broadacre farm or an environment that accurately represents workplace conditions * resources, equipment and materials: * access to pests, diseases and weeds and related control materials * use of specific tools and equipment * use of personal protective equipment * access to irrigation equipment * specifications: * use of workplace procedures and processes * use of manufacturer’s operating instructions for tools, equipment and machinery * access to safety data sheets * use of workplace instructions * relationships: * supervisor.   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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