Modification History

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

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| AHC4XX20 | Certificate IV in Production Horticulture |
| Qualification Description  This qualification describes the skills and knowledge for job roles in the production horticulture industry including; grower, field manager, supervisor, crop grower, plant manager, integrated pest manager, quality assurance, compliance manager and human resources manager.  Individuals with this qualification perform tasks involving technical skills, problem solving and supervisory skills to operate, monitor and improve performance of production horticulture systems and supervise staff.  Work must comply with work health and safety and environmental regulations and legislation that apply to the workplace.  No licensing, legislative or certification requirements apply to this qualification at the time of publication. | |
| Entry Requirements  There are no entry requirements for this qualification. | |
| Packaging Rules  To achieve this qualification, competency must be demonstrated in:   * 12 units of competency: * 5 core units plus * 7 elective units.   Elective units must ensure the integrity of the qualification’s Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:   * 2 must be from electives group A * 2 must be from electives group A or B * 3 from the remaining units listed in groups A or B, or any currently endorsed Training Package or accredited course packaged at Certificate III, IV or Diploma.   Core Units   |  |  | | --- | --- | | AHCBIO403 | Plan and implement a farm or enterprise biosecurity plan | | AHCBUS408 | Operate within a budget framework | | AHCWHS401 | Maintain work health and safety processes | | AHCWRK401 | Implement and monitor quality assurance procedures | | BSBLDR401 | Communicate effectively as a workplace leader |   Elective Units  Group A   |  |  | | --- | --- | | AHCCHM404 | Develop procedures to minimise risks in the use of chemicals | | AHCCHM405 | Plan and implement a chemical use program | | AHCIRG437 | Schedule irrigations | | AHCNSY401 | Plan a growing-on program | | AHCNSY402 | Plan a propagation program | | AHCPCM401 | Recommend plants and cultural practices | | AHCPCM402 | Develop a soil health and plant nutrition program | | AHCPCM5XX | Apply knowledge of plant physiology to horticultural practices | | AHCPHT402 | Develop a crop regulation program | | AHCPHT404 | Implement and monitor a horticultural crop harvesting program | | AHCSOL401 | Sample soils and interpret results | | AHCWRK403 | Supervise work routines and staff performance |   Group B   |  |  | | --- | --- | | AHCBUS409 | Participate in an e-business supply chain | | AHCIRG435 | Determine hydraulic parameters for an irrigation system | | AHCIRG436 | Implement an irrigation-related environmental protection program | | AHCIRG445 | Manage surface irrigation systems | | AHCORG401 | Manage biodynamic production | | AHCORG403 | Manage organic soil improvement | | AHCPHT401 | Assess olive oil for style and quality | | AHCPHT403 | Develop harvesting and processing specifications to produce an olive oil | | AHCPHT405 | Manage mushroom substrate preparation | | AHCPHT406 | Control Phase II mushroom substrate process | | AHCPHT407 | Manage mushroom crop development | | AHCPHT408 | Oversee vineyard practices | | AHCSOL402 | Develop a soil use map for a property | | AHCWRK402 | Provide information on issues and policies | | BSBMKG401 | Profile the market | | |

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| Qualification Mapping Information   | Code and title current version | Code and title previous version | Comments | Equivalence status | | --- | --- | --- | --- | | AHC4XX20 Certificate IV in Production Horticulture  Release 1 | AHC40316 Certificate IV in Production Horticulture  Release 3 | Amended packaging rules, new core and elective units. | No equivalent qualification | |
| Links  Companion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72> |