Agricultural and Horticultural Studies Advice for Teachers AH03

Refer to [Advice for Teachers](https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/agricultural-and-horticultural-studies/Pages/Index.aspx), as required.

* Practical work in preparation for Unit 4 Outcomes may be delayed until classroom learning resumes.
* Where a school can go ahead with practical assessment tasks relating to Outcomes 1 or 2 in Term 2, these must be completed in a supervised school environment that adheres to current social-distancing advice.

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| Outcome | Assessment task | Must be completed on-site, adhering to social-distancing advice | Notes |
| **Outcome 1**  Describe the role of innovation and technology in agricultural and horticultural practices, analyse past and current initiatives, including unforeseen consequences, and apply innovative processes to agricultural and/or horticultural practices. | Student performance will be assessed by:   * practical task/s related to innovative processes and/or problem solving in agriculture and/or horticulture * any one or a combination of the following: * a short written report: research inquiry, media analysis, case study analysis, or field/laboratory experiment * an annotated visual report * an oral presentation or practical demonstration * a video or podcast. | Practical task/s related to innovative processes and/or problem solving in agriculture and/or horticulture:   * 20–60 minutes per day, one day per week for between one and four weeks. | * The scope of practical tasks within VCE Agricultural and Horticultural Studies includes data analysis, investigation of best-practice case studies and virtual reality experiences that do not need to be undertaken in supervised or school environments. * Students need to be exposed to a range of practical task/s. Schools needs to determine which types of practical tasks to conduct, and which would be the most efficient to meet the outcome requirements. Practical tasks also include: * management of plants and/or animals * field trips with participatory experiences * scientific trials and experiments (field-based or in a laboratory) * data collection, analysis and application * business or entrepreneurial practices, including value-adding activities. * The period of delivery is variable, depending on the innovation and/or problem solving being investigated and practical task selected (for example, growing plants requires more time than examination of a specific device or tool), as well as the number of sessions per week and number of students who may complete the practical activity concurrently, adhering to social-distancing advice. |
| **Outcome 2**  Identify and describe pests, diseases and weeds of concern to Victorian food and fibre industries, describe principles of integrated pest and weed management, analyse the problem of biological resistances, and discuss the role of biosecurity. | Student performance will be assessed by:   * practical task/s related to integrated pest and/or weed management * any one or a combination of the following: * a short written report: research inquiry, media analysis, case study analysis or field/laboratory experiment * an annotated visual report * an oral presentation or practical demonstration * a video or podcast. | Practical task/s related to integrated pest and/or weed management:   * 40 minutes per day, one day per week for a one-week period   *followed by*   * 10 minutes per day, one day per week for a two-week period. | * The scope of practical tasks within VCE Agricultural and Horticultural Studies includes data analysis, investigation of best-practice case studies and virtual reality experiences that do not need to be undertaken in supervised or school environments. * Students need to be exposed to a range of practical task/s. Schools need to determine which types of practical tasks to conduct, and which would be most efficient to meet the outcome requirements. Practical tasks also include: * management of plants and/or animals * field trips with participatory experiences * scientific trials and experiments (field-based or in a laboratory) * data collection, analysis and application * business or entrepreneurial practices including value-adding activities. * The period of delivery is variable, depending on type of practical task selected, as well as the number of sessions per week, the length of the session and the number of students who may complete the practical activity concurrently, adhering to social-distancing advice. |