VCE Agricultural and Horticultural Studies performance descriptors

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| **VCE AGRICULTURAL AND HORTICULTURAL STUDIES****SCHOOL-ASSESSED COURSEWORK** |
| **Performance descriptors** |
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| ***Unit 4******Outcome 1******Analyse the impacts of climate change and environmental degradation on food and fibre production, evaluate strategies for environmental protection and rehabilitation, and discuss techniques for monitoring the sustainability of agricultural and/or horticultural practices.*** | **DESCRIPTOR: typical performance in each range** |
| **Very low** | **Low** | **Medium** | **High** | **Very high** |
| Limited description of current impacts of climate change on food and fibre production. Limited description of potential future impacts on primary producers. | Some discussion of current impacts of climate change on food and fibre production. Some discussion of potential future impacts on primary producers. | Clear explanation of current impacts of climate change on food and fibre production. Satisfactory discussion of potential future impacts on primary producers. | Detailed and accurate explanation of current impacts of climate change on food and fibre production. Thorough discussion of potential future impacts on primary producers. | Comprehensive analysis of current impacts of climate change on food and fibre production. Highly informed discussion of potential future impacts on primary producers. |
| Limited description of the causes of environmental degradation to land, soil and water. Limited discussion of the impact of environmental degradation on food and fibre production. | Limited explanation of the causes of environmental degradation to land, soil and water. Some discussion of the impact of environmental degradation on food and fibre production. | Some analysis of the causes of environmental degradation to land, soil and water. Clear explanation of the impact of environmental degradation on food and fibre production. | Detailed analysis of the causes of environmental degradation to land, soil and water. Well informed explanation of the impact of environmental degradation on food and fibre production. | Comprehensive and accurate analysis of the causes of environmental degradation to land, soil and water. Highly informed analysis of the impact of environmental degradation on food and fibre production. |
| Limited discussion of strategies for environmental protection of land, soil and water. Limited identification of rehabilitation strategies for specific environmental degradation.  | Some discussion of strategies for environmental protection of land, soil and water. Some identification of rehabilitation strategies for specific environmental degradation. | Satisfactory evaluation of strategies for environmental protection of land, soil and water. Adequate justification of rehabilitation strategies for specific environmental degradation. | Detailed evaluation of strategies for environmental protection of land, soil and water. Clear and detailed justification of rehabilitation strategies for specific environmental degradation. | Comprehensive evaluation of strategies for environmental protection of land, soil and water. Thorough justification of rehabilitation strategies for specific environmental degradation. |
| Limited techniques and rationale for monitoring environmental factors related to sustainability of agricultural/horticultural practices. | Some techniques and rationale for monitoring environmental factors related to sustainability of agricultural/horticultural practices. | Clear techniques and rationale for monitoring environmental factors related to sustainability of agricultural/horticultural practices. | Thorough techniques and rationale for monitoring environmental factors related to sustainability of agricultural/ horticultural practices. | Comprehensive techniques and rationale for monitoring environmental factors related to sustainability of agricultural/ horticultural practices. |

KEY to marking scale based on the Outcome contributing 50 marks

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| Very Low 0–10 | Low 11–20 | Medium 21–30 | High 31–40 | Very High 41–50 |