Stage 1 Agriculture Assessment Type 2: Applications

IPM Oral Presentation

In this task, you will investigate an agricultural pest of livestock or crops that is a problem in Australia and prepare an oral presentation.

You will have two weeks to research one pest, and find answers to the following questions:

1. Describe the main features of this pest and its life cycle. (KA1)

2. Describe how agricultural businesses are affected by this pest. (KA1)

3. Describe and explain the integrated pest management strategies would you recommend to PREVENT and CONTROL and ensure SUSTAINABLE MANAGEMENT of this pest in the future. (IAE3)

During this time your teacher will check to ensure you are on track. You will then book a time slot for your actual presentation.

Prepare a 6 minute (maximum) oral presentation to be delivered to an assessor in a “round table” supervised setting. You will be able to prepare support materials to assist you in your presentation. You may bring a summary page of notes but you will be expected to refer to them only very occasionally, preferably not at all.

In your presentation you will be expected to address the three questions you have investigated, and impromptu questions from the assessor. The impromptu questions will focus on the area of ethical practices (e.g. animal welfare, environmental issues) related to this pest (KA1). There will also be a scenario presented where you will be required to use your knowledge and information to answer a question about another new pest and agricultural business (KA2).

Your communication skills will also be assessed (KA4), using the following criteria:

* Accurate and relevant technical language
* Clear and concise explanations
* Relevant and effective use of visual aids
* Appropriate use of time limit
* Appropriate eye contact, clear, well-projected voice, well-paced
* Personal presentation

TEACHER CHECK 1

TEACHER CHECK 2

PRESENTATION BOOKED

Performance Standards for Stage One Agriculture Assessment Type 2: Applications: IPM Oral

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|  | **Investigation, Analysis and Evaluation** | **Knowledge and Application** |
| **A** | Designs a logical, coherent, and detailed agricultural investigation.  Obtains, records, and represents data, using appropriate conventions and formats accurately and highly effectively.  Systematically analyses and interprets data and evidence to formulate logical conclusions with detailed justification.  Critically and logically evaluates procedures and their effects on data. | Demonstrates deep and broad knowledge and understanding of a range of agricultural concepts, skills, and practices.  Develops and applies agricultural concepts and practices highly effectively in new and familiar contexts.  Critically explores and understands in depth the interaction between science and society.  Communicates knowledge and understanding of agriculture coherently, with highly effective use of appropriate terms, conventions, and representations. |
| **B** | Designs a well-considered and clear agricultural investigation.  Obtains, records, and represents data, using appropriate conventions and formats mostly accurately and effectively.  Logically analyses and interprets data and evidence to formulate suitable conclusions with reasonable justification.  Logically evaluates procedures and their effects on data. | Demonstrates some depth and breadth of knowledge and understanding of a range of agricultural concepts, skills, and practices.  Develops and applies agricultural concepts and practices mostly effectively in new and familiar contexts.  Logically explores and understands in some depth the interaction between science and society.  Communicates knowledge and understanding of agriculture mostly coherently, with effective use of appropriate terms, conventions, and representations. |
| **C** | Designs a considered and generally clear agricultural investigation.  Obtains, records, and represents data, using generally appropriate conventions and formats with some errors but generally accurately and effectively.  Undertakes some analysis and interpretation of data and evidence to formulate generally appropriate conclusions with some justification.  Evaluates some procedures and some of their effects on data. | Demonstrates knowledge and understanding of a general range of agricultural concepts, skills, and practices.  Develops and applies agricultural concepts and practices generally effectively in new or familiar contexts.  Explores and understands aspects of the interaction between science and society.  Communicates knowledge and understanding of agriculture generally effectively, using some appropriate terms, conventions, and representations. |
| **D** | Prepares the outline of an agricultural investigation.  Obtains, records, and represents data, using conventions and formats inconsistently, with occasional accuracy and effectiveness.  Describes data and undertakes some basic interpretation to formulate a simple conclusion.  Attempts to evaluate procedures or suggest an effect on data. | Demonstrates some basic knowledge and partial understanding of agricultural concepts, skills, and practices.  Develops and applies some agricultural concepts and practices in familiar contexts.  Partially explores and recognises aspects of the interaction between science and society  Communicates basic information about agriculture, using some appropriate terms, conventions, and/or representations. |
| **E** | Identifies a simple procedure for an agricultural investigation.  Attempts to record and represent some data, with limited accuracy or effectiveness.  Attempts to describe results and/or interpret data to formulate a conclusion.  Acknowledges that procedures affect data. | Demonstrates some limited recognition and awareness of agricultural concepts, skills, and practices.  Attempts to develop and apply agricultural concepts and practices in familiar contexts.  Attempts to explore and identify an aspect of the interaction between science and society  Attempts to communicate information about agriculture. |
|  |  | **KA1** |
|  | **IAE3** | **KA2** |
|  |  | **KA4** |
| **OVERALL GRADE** | | |