

Disease in Agriculture — Animals

Use this worksheet after reading the lesson to practise the key ideas and prove you can meet the success criteria.

Name _____

Date _____

Class _____

1. Key Ideas

Australia has been free of foot-and-mouth disease since 1872. That single fact is estimated to be worth over \$80 billion to the Australian economy — a figure that explains why a single infected animal at an airport is treated as a national emergency.

- Named examples of animal diseases caused by different pathogen types
- Why export market loss is often more damaging than direct production loss

2. Success Criteria

By the end, you should be able to:

- Named examples of animal diseases caused by different pathogen types
- The direct and indirect economic effects of animal disease
- How animal diseases spread within and between populations

3. Key Terms

That single fact

estimated to be worth over \$80 billion to the Australian economy — a figure that explains why a single infected animal a

airport

treated as a national emergency

Why export market loss

often more damaging than direct production loss

farm and national level

economically justified

Evolution

just a guess or a theory with no evidence

the indirect effects

often far more economically significant than the direct ones

4. Activity: Build the Lesson Map

Use the lesson to complete the table. Keep answers brief but specific.

Prompt	Your answer
Main concept	
Important example	
Common mistake to avoid	
How this links to the next lesson	

5. Short Answer Questions

1. Explain this lesson goal in your own words: "Named examples of animal diseases caused by different pathogen types". Use one specific example from the lesson.

BAND 3 **2 MARKS**

2. Apply this idea to a new example: "The direct and indirect economic effects of animal disease". Show your reasoning clearly.

BAND 4 **3 MARKS**

3. Analyse why this idea matters for understanding Disease in Agriculture — Animals: "How animal diseases spread within and between populations".

BAND 5 **4 MARKS**

6. Extend: Apply the Idea

BAND 5/6

5 MARKS

A student gives a memorised answer about Disease in Agriculture — Animals but does not use evidence or reasoning.

Improve the answer by writing a stronger response that uses accurate terminology, a relevant example and a clear explanation.

7. Multiple Choice

1. What is the best first step when answering a question about Disease in Agriculture — Animals?

- A. Identify the key concept being tested
- B. Write every fact from memory
- C. Ignore the command word
- D. Skip examples and evidence

2. Which answer would show stronger understanding of Disease in Agriculture — Animals?

- A. An answer with accurate terms and reasoning
- B. A copied definition only
- C. A single-word response
- D. An answer with no example

3. What should you do if a question asks you to explain?

- A. Link the idea to a reason or cause
- B. List unrelated facts
- C. Only draw a diagram
- D. Write the shortest possible answer

8. Success Criteria Proof

Finish with evidence that you can do each success criterion.

SUCCESS CRITERION 1

Prove that you can: Named examples of animal diseases caused by different pathogen types

BAND 3 **2 MARKS**

SUCCESS CRITERION 2

Prove that you can: The direct and indirect economic effects of animal disease

BAND 4 **3 MARKS**

SUCCESS CRITERION 3

Prove that you can: How animal diseases spread within and between populations

BAND 5 **4 MARKS**

One thing I still need help with:
