

91532



Draw a cross through the box (X) if you have NOT written in this booklet

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Mana Tohu Mātauranga o Aotearoa

New Zealand Qualifications Authority

Level 3 Agricultural and Horticultural Science 2025

91532 Analyse a New Zealand primary production environmental issue

Credits: Five

Achievement	Achievement with Merit	Achievement with Excellence
Analyse a New Zealand primary production environmental issue.	Critically analyse a New Zealand primary production environmental issue.	Comprehensively analyse a New Zealand primary production environmental issue.

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

**You should attempt ALL the questions in this booklet.**

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–10 in the correct order and that none of these pages is blank.

Do not write in the margins (/////////). This area will be cut off when the booklet is marked.

**YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.**

**INSTRUCTIONS**

Carefully read ALL the instructions AND parts of the task before answering.

Answer the different parts using one primary production system.

Name your specific primary production system.

Primary production system: \_\_\_\_\_

**PLANNING**



Many farmers understand that their production can have a negative impact on biodiversity and are using courses of action to mitigate the negative impacts or improve biodiversity.

- (b) Explain how TWO courses of action, when used correctly, will **mitigate** the negative impacts or **improve** biodiversity for your chosen production system.

Use recent data from within the past five years and other evidence to support your answer.

Course of action (1): \_\_\_\_\_



For producers to continue to produce their products, they must remain sustainable – environmentally, economically, and socially. Producers understand that some courses of action, while protecting the natural environment, are not economically sustainable. Others, while they ensure economic sustainability, don't do enough to protect the local biodiversity and put producers' social licence to farm at risk.



Source: <https://www.eeec.org.au/wp-content/uploads/2023/05/enviro-1024x1024.jpg>

- (c) Justify which of your two courses of action has the greatest positive impact on biodiversity, while ensuring the environmental, economic, and social sustainability of your production system.

Use recent data from within the past five years and other evidence to support your answer.

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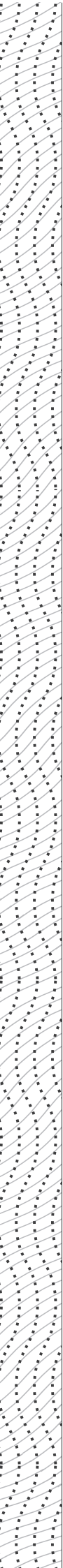


**Extra space if required.**  
**Write the question number(s) if applicable.**

QUESTION  
NUMBER

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