

SUPERVISOR'S USE ONLY

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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 2024

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 parts of this task 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 2–8 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 before answering parts (a) to (c).

Answer the different parts using one primary production system.

Name your specific primary production system.

Primary production system: _____

PLANNING

TASK: Discussion of a primary production environmental issue

- (a) For your chosen production system, explain how TWO management practices, used to intensify production, can have a negative environmental impact on the natural ecosystem. Use recent data from within the past five years and other evidence to support your answer.

Management practice (1): _____

Management practice (2): _____

To ensure that their production continues to be sustainable in the future, producers carry out courses of action to minimise the negative impacts of intensification on the natural ecosystem.

- (b) Explain how TWO courses of action could mitigate the negative environmental impacts of intensification. Use recent data from within the past five years and other evidence to support your answer.

Course of action (1): _____

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

QUESTION
NUMBER

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