

SUPERVISOR'S USE ONLY

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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 2 Agricultural and Horticultural Science 2024

91297 Demonstrate understanding of land use for primary production in New Zealand

Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of land use for primary production in New Zealand.	Demonstrate in-depth understanding of land use for primary production in New Zealand.	Demonstrate comprehensive understanding of land use for primary production in New Zealand.

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 2–8 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.

Many New Zealand primary producers are diversifying their traditional land use to provide more than one source of income on the same land.

Traditional land use: _____

Additional land use: _____

QUESTION TWO: Fruit production

Choose a region in New Zealand that has traditionally been used for fruit production.

Region: _____

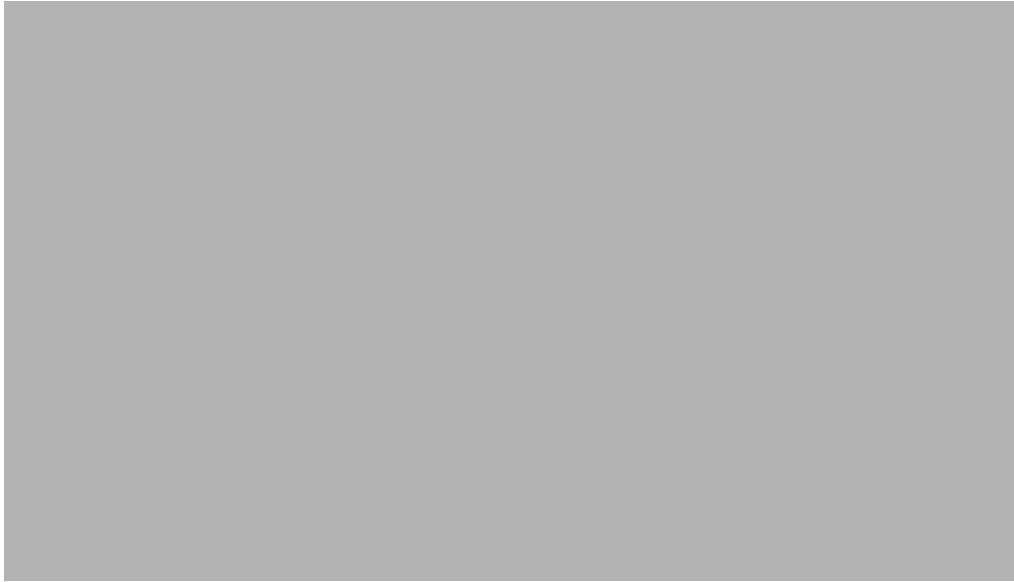
Choose a fruit grown in that region.

Fruit: _____

- (a) Referring to TWO environmental factors, explain why this fruit type has been grown successfully in your chosen region.

QUESTION THREE: Suitability of land use

Erosion can be considered a factor that influences land use change. The present and potential erosion of hill country soils will impact the sustainability of agriculture in areas across New Zealand.



Source: <https://www.stuff.co.nz/business/farming/opinion/300809978/cyclone-gabrielle-my-advice-to-stormbattered-farmers-from-someone-whos-been-through-it>

A farmer could choose to convert erosion-prone land into either forestry or native bush.

Selecting (✓) either forestry or native bush, justify which alternative land use option would ensure the long-term sustainability of erosion-prone land. Consider political and social factors in your answer.

☐

Forestry

☐

Native bush

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

QUESTION
NUMBER

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