

91297



NEW ZEALAND QUALIFICATIONS AUTHORITY
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SUPERVISOR'S USE ONLY

Tick this box if you
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Level 2 Agricultural and Horticultural Science 2022

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 2–12 in the correct order and that none of these pages is blank.

Do not write in any cross-hatched area (///). This area may be cut off when the booklet is marked.

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

QUESTION ONE: Intensification

- (a) Explain the impact of intensification of primary production land use on TWO of the following factors:
- economic
 - environmental
 - workforce.

Note: At least one of these impacts must be positive.

Factor 1: _____

Factor 2: _____

(b) What are the advantages and disadvantages of reducing the intensity of land use? In your discussion, consider TWO of the following factors:

- economic
- environmental
- workforce.

QUESTION TWO: Change in land use

- (a) Choose a region and explain why the land has traditionally been used for a specific primary production. In your discussion, consider TWO of the following factors:
- environmental
 - political
 - workforce.

Region: _____

Please turn over ►

QUESTION THREE: Climate change

Climate change will affect New Zealand's primary production systems. Climate change brings risks and opportunities.



Choose a region and discuss both the risks and opportunities in terms of land use in the primary sector, referring to TWO of the following factors:

- economic
- environmental
- technological.

Region: _____

Acknowledgements

Material from the following sources has been adapted for use in this assessment:

Page 2

Image: (feedpad) <https://www.stuff.co.nz/business/farming/102613338/demonstration-farm-weighs-up-deintensification-or-building-infrastructure>

Page 5

Image: (satellite image) <https://www.parliament.nz/media/4617/satellite-image-of-new-zealand.dyzlda.jpg>

Page 8

Image: (Glenorchy on Lake Wakatipu) <https://www.reuters.com/business/sustainable-business/new-zealand-introduces-climate-change-law-financial-firms-world-first-2021-04-12/>