

SUPERVISOR'S USE ONLY

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Draw a cross through the box (☒) 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

91530 Demonstrate understanding of how market forces affect supply of and demand for New Zealand primary products

Credits: Five

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of how market forces affect supply of and demand for New Zealand primary products.	Demonstrate in-depth understanding of how market forces affect supply of and demand for New Zealand primary products.	Demonstrate comprehensive understanding of how market forces affect supply of and demand for New Zealand primary products.

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 the 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 2–12 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).

Use TWO different primary products – Primary product (1) and Primary product (2) – to answer parts (a) and (b).

Part (c) may be answered using the primary product used in either part (a) or part (b), or a completely different product.

The primary products chosen must earn significant export revenue in their processed or unprocessed form, or allow for self-sufficiency within New Zealand.

PLANNING

TASK: Discussing how market forces affect supply and demand

Name a primary product.

Primary product (1): _____

Select (✓) a market force:

- seasonality
- production costs
- price received.

(a) How has the selected market force impacted the **supply** of your chosen product? Use evidence and data from within the past five years to support your answer.

Lined writing area consisting of 25 horizontal lines.

Consumer preference

New Zealand Zero co-founder Michiel Reuvecamp estimates that premium price for carbon-zero cherries could bring their payback period down to under two years when in full production. [REDACTED]

[REDACTED]. It's not to the detriment of growing – it's actually benefiting the stone fruit. And it's cost-effective," Reuvecamp says.

In highly developed markets like Australia and New Zealand, consumers want to see companies leading on emerging issues of biodiversity and lower carbon. [REDACTED]

Regardless of a consumer's motivation for the choices they make, one thing is for certain – where their milk comes from matters.

More than 91% of New Zealand's trade into the EU will enter duty-free when the free trade agreement (FTA) comes into force (2024). [REDACTED]

Acknowledgements

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

Page 8

Consumer Preference

First resource: <https://www.carbonnews.co.nz/story.asp?storyID=25545>

Second resource: <https://www.fonterra.com/au/en/our-stories/articles/meeting-consumer-demands-for-dairy-in-a-low-carbon-world.html>

Third resource: <https://nzmanufacturer.co.nz/2023/11/nz-eu-trade-agreement-is-great-news-for-sustainability/>