

93105Q



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD  
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

## Scholarship 2017

### Agricultural and Horticultural Science

9.30 a.m. Tuesday 28 November 2017  
Time allowed: Three hours  
Total marks: 24

### QUESTION BOOKLET

There are THREE questions in this booklet. Answer ALL questions.

Write your answers in Answer Booklet 93105A.

Check that this booklet has pages 2–4 in the correct order and that none of these pages is blank.

**YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.**

**QUESTION ONE: FREE TRADE AGREEMENTS (8 marks)**

Free Trade Agreements (FTAs) involve formal co-operation between countries to reduce trade barriers such as import quotas and tariffs, and to increase the trade of goods and services.

New Zealand, as at the end of 2016, has FTAs with 15 countries (as shown on the map below).

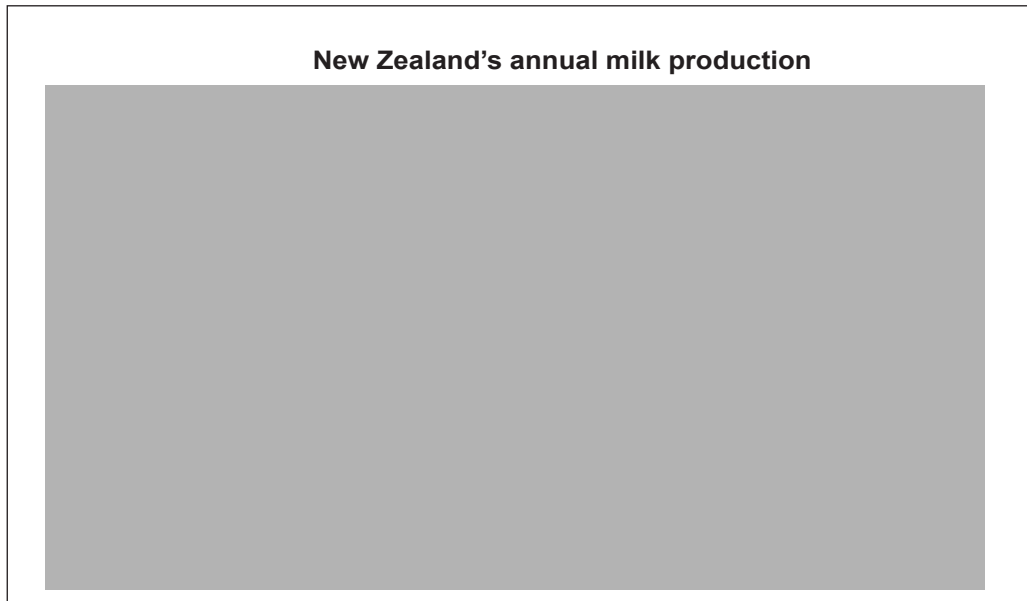
**Countries New Zealand has a free-trade agreement with**



With reference to TWO primary production systems, discuss:

- the impact of Free Trade Agreements (FTAs) on the competitiveness of New Zealand's agricultural and horticultural exports
- the opportunities and threats that existing and future FTAs may present (including any agreements between other countries that do not include New Zealand).

Plan your answer on page 2 of the answer booklet and begin your answer on page 3.

**QUESTION TWO: PRODUCTIVITY AND SUSTAINABILITY (8 marks)**

With reference to TWO primary production systems, discuss:

- the productivity gains that have been achieved by New Zealand producers in the past, and the potential for future productivity gains
- the economic, social, and environmental implications of these past and potential productivity gains
- the potential for productivity gains in other countries that produce primary products to influence New Zealand's competitiveness in overseas markets.



Plan your answer on page 8 of the answer booklet and begin your answer on page 9.

**QUESTION THREE: CONSUMER PREFERENCES (8 marks)**

Consumers, both here in New Zealand and globally, are increasingly choosing food products on the basis of issues such as, but not exclusively:

- the origin or source of the product
- the seasonality of fresh produce
- perceived food safety
- animal welfare considerations
- the traceability of the product, or the authenticity of the “story” behind it.

With reference to ONE New Zealand primary production system, discuss how a range of issues influencing consumer preferences is impacting on the production and marketing of the primary product.

Plan your answer on page 14 of the answer booklet and begin your answer on page 15.

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<b>Acknowledgements</b>	
Material from the following sources has been adapted for use in this examination.	
Page	Sources
2	(map) <a href="https://www.mfat.govt.nz/en/trade/free-trade-agreements/free-trade-agreements-in-force/">https://www.mfat.govt.nz/en/trade/free-trade-agreements/free-trade-agreements-in-force/</a>
3	(graph) <a href="https://www.dairynz.co.nz/media/5416078/nz-dairy-statistics-2015-16.pdf">https://www.dairynz.co.nz/media/5416078/nz-dairy-statistics-2015-16.pdf</a> (photo) <a href="http://www.teara.govt.nz/en/photograph/19837/feeding-the-calves">http://www.teara.govt.nz/en/photograph/19837/feeding-the-calves</a>