No part of the candidate's evidence in this exemplar material may be presented in an external assessment for the purpose of gaining an NZQA qualification or award.

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Draw a cross through the box (図) if you have NOT written in this booklet



Mana Tohu Mātauranga o Aotearoa New Zealand Qualifications Authority

Level 3 Agricultural and Horticultural Science 2023 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	Demonstrate in-depth understanding of how market forces affect supply of and demand for New Zealand primary	Demonstrate comprehensive understanding of how market forces affect supply of and demand for
products.	products.	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 2–11 in the correct order and that none of these pages is blank.

Do not write in any cross-hatched area (contribution). 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.

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INSTRUCTIONS

Carefully read ALL the instructions and parts before answering.

You must answer the different parts using TWO different primary products – Primary product (1) and Primary product (2).

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

Different primary products are required for parts (a) and (b). Part (c) should be answered using the primary product used in either part (a) or part (b).

In addition, you must use THREE different market forces from the list below.

Market forces

- Political intervention
- Production cost
- Price
- Market trends
- Consumer preference
- Promotion
- · Quality requirements



Beef Denning USA = 220,000 T Low eachange rate - positive for As of May largest export to US. Increase in demand in US (weather theid Decrease in chiese demand poor economic state.

TASK: How market forces affect supply and demand

Name a primary product, and select a market force from the list on page 2.

Pri	mary product (1): Kivi Fruit (Sun Gold).
Ma	rket force (1): Quality requirements.
(a)	How has your selected market force affected the supply of your named primary product? Use recent data to support your answer. The narket force of quality requirements has significantly affected the supply of Sun Gold kiniffront to be exported. Zespri lice nses and sells Sun Gold kiniffront in New Zealand, and Zespri are in fact the largest kiniffront marketing organisation in the nour bd. Because of this, Zespri have a reputation to manage and spheld, and therefore have strict quality requirements which must be next if a piece of front is to be exported. The kiniffront which Zespri exports must be 10 lass 7. This nears that they have passed vigorous testing to ensure that size, the right transes and colour, as nell as
tauth	hunner the right brix level and 1 ho blemsles or bruising.

impor

Only exporting Swadd Dinifront which are class I, is essentially why Asia loves, our su gold kimifruit and imported Beggar. With strong global fruit market this is expected to increase to 100 million traps for the financial year ended 2024. Significant reather events in New Zealand including cyclone gabrielle a severe hand storm in April, have caused damage to a large percetage of our fruit, nearing That be at / neet de grahty requirements required for Zespri to export the all orchards in the Hankes Bay and Orishorne regions were damaged during cyclare gabriere, and a number orchards in Te Pupe were by a hard storm in Aprilo H The annual national yield will be down II % for kinitruit, which shows the extent of the Januage. These events cause bruising and blemister to fruit, and a percentage of them can no longer neet requirements to be exported, near just qualty requirements have decreased the supply of singered kinifing to exported from New 2023 ecclard

Name a **different** primary product to discuss, and select a **different** market force from the list on page 2.

Primary product (2):

recent data to support your answer. My selected market force of Market trends has affected the derand for NZ Beef in Ma USA. In May of 2023, The US became the country which NZ exported the largest mount of beef to. For the year ended 2022 this totalled a whopping 220,000 Townes. The US surpassed China, who have had a decrease of their poor ecoronic state at the manent. The US has had to reduce their herd numbers due to neather events, and therefore their derivant for our New Zealand Reef has hareased drawnatically	Ма	rket force (2): Market trends.
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Reef has necessed dramatically		Their damand for our New Zealand
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CALLAND CO ATTACK (NACO CO VICE		comman for consumers in

the USA to demand a, paddock to plate, story if you will they value the fact that an animal slanghtered consumption, market trend Ohis annal. Zealand Beef is highly attractive to 45 consumers following market trend, as a our beef is grass-fed and we are known globally to have à 'clean - green' ingage so to speak Consumers would prefer Fran an annal which has had a life living on and gazzing nopenpastures, while in the USA large gortion of the beef Mich nanket trend Shich fed. The his correlates with is that people e bott n none environmetally concerned, and concerned about inal nelfare standards. A recent SOPI (Situation and Outlook For the Princey (noustries) report should that consuers hard rather slopewindly responsibly than not a step in the right direction. Therefore northest trends affect the denend for Agricultural and Horticultural Science 91530, 2023

Answer this par	t using either	primary	product (1) or	primary	product (2	2).
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Primary product: Kinifruit - Sungold.	Primary product:	Kinifruit	Sungold.
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Select the market force from the list on page 2 that has the most **significant impact** on **supply and demand** for your chosen primary product. It must be **different** from the market forces used in parts (a) and (b).

Market force (3): Consumer preference.

(c) Justify your selection by discussing how your selected market force impacts both the supply of and demand for your chosen primary product.

In your answer you should:

- use recent data
- · explain the significance of this market force for supply and demand
- explain why the significance is greater than that of the market forces chosen in parts (a) and (b).

My selected mathet force of consumer preference impacts both the supply and demand of Sungold Rimifrant Las became exceedingly popular in the Asian export markets (inclusive of Chrina, Jupan, Taiwan). Around One quarter of our total Rimifrant export revenue is generated from this market and we sell 20070 of our demifrant here. In 2022 95 million trays of Sun Good were exported to Chrina above. There are multiple reason as to why the popularity of this fruit has taken of in aning, but the naw reason is that

speaking, Asran cutives derend much sneeter fruit to satisfy their veter pulates. This consumer prefer consumer preference increase in denand for Singel kinstnit in China, as th on export brix reason why has exploded in popularit it has ference et Leggi demand nlighted to accon caused

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

Agricultural and Horticultural Science 91530, 2023

Extra space if required.

Write the question number(s) if applicable.

QUESTION NUMBER preference is the market force of greations

Excellence

Subject: Agricultural and Horticultural Science

Standard: 91530

Total score: 08

Q	Grade score	Marker commentary
One	E8	The candidate provided an explanation of how quality requirements affects kiwifruit supply with supporting evidence in data. The candidate then explained how market trends affect the supply of beef with data and other supporting evidence. In Part C the candidate justified consumer preference being the most significant market force. They made links between the demand and the supply of the product. They compared it to their other market forces. They used supporting evidence.