3

SUPERVISOR'S USE ONLY

91531



Level 3 Agricultural and Horticultural Science, 2013 91531 Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s)

2.00 pm Monday 2 December 2013 Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s).	Demonstrate in-depth understanding of how the production process meets market requirements for a New Zealand primary product(s).	Demonstrate comprehensive understanding of how the production process meets market requirements for a New Zealand primary product(s).

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.

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

TOTAL

You are advised to spend 60 minutes answering the questions in this booklet.

INSTRUCTIONS

This assessment requires you to answer questions relating to ONE **nationally significant** primary product, and how the production process meets the requirements of a **specific market**.

Before you select your primary product and its specific market, **carefully read** the rest of this page, and Questions One to Three, to ensure that your selections will allow you to meet the requirements of ALL questions.

Enter your selections in the box below.

Nationally significant primary product:
Specific market for the primary product:

Growers follow a sequence of management practices in order to produce a product that meets the requirements of different markets.

On the calendar below, complete a list of operations for the key management practices used in the production of your selected primary product that will help to achieve the **requirements** of the selected market. Use double-headed arrows (\longleftrightarrow) to show **when** these practices are carried out.

Reference to this calendar will be made in Questions One and Three.

Management procise						Мо	nth					
Management practice	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

QUESTION ONE: QUANTITY REQUIREMENTS

ASSESS	OR'S
USE O	NLY

	eight).
S	elect two management practices from the calendar of operations on page 2.
	xplain, in detail, how each of the two selected management practices can affect the quan
of	f product that can be expected at harvest (specific volumes and their units, per hectare or
ре	er animal, are required where relevant).
M	lanagement practice (1):
	Gridgement processo (1)

	(2):				
	selected manaq	gement practice of harvest, com	s detailed in (b) pared with the o	would have the ther.	
itify which of the two ater impact on quar					
etify which of the two ater impact on quar					
itify which of the two					
tify which of the two ater impact on quar					
etify which of the two ater impact on quar					
ater impact on quar					
ater impact on quar					
stify which of the two ater impact on quar					
ater impact on quar					

(c)

ASSESSOR'S USE ONLY

QUESTION TWO: ATTRIBUTE REQUIREMENTS

A	SS	E٤	SS	OF	₹'\$	S
-	US	Ε	40	١L	Υ	

Describe a product attribute (eg breed, variety, Brix, micron, colour, liveweight, or fat coverequired for the market you selected on page 2. Use units and values, where appropriate, help describe the product attribute required.
Explain in detail why the market has this requirement.

attribute focus – for exan	ne possible trade-offs or disadvantages that might result from this nple, reduced yield, increased costs, or inflexible timing. vith reference to your selected product and specific market.	,
Discuss this statement w	nti reference to your selected product and specific market.	

QUESTION THREE: QUALITY REQUIREMENTS

AS	SESSOR'S
- 11	SE ONLY

	n supplying the selected market.
Select ON	E management practice from the calendar of operations on page 2.
	detail, how the selected management practice can affect the quality requirement
	in (a) above, during the production process.
Selected n	nanagement practice:

Monograma	ant practice from (b):
wanageme	ent practice from (b):
Another ma	anagement practice:
Justify which	ch of the two management practices above would have the greater impact on the he product, in terms of consistency or uniformity, available to the specified market.

USE ONLY

		Extra space	e if require	d.		ASSESSOR'S USE ONLY
QUESTION NUMBER	Write the	e question n	number(s) if	applicable.		

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

ASSESSOR'S USE ONLY

OUESTION	Write the question number(s) if applicable.	
QUESTION NUMBER		