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NEW ZEALAND QUALIFICATIONS AUTHORITY
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SUPERVISOR'S USE ONLY

Level 3 Agricultural and Horticultural Science, 2018

91531 Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s)

2.00 p.m. Tuesday 27 November 2018
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 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 2–8 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

ASSESSOR'S USE ONLY

INSTRUCTIONS

This assessment consists of ONE task, in TWO parts.

Select a nationally significant primary product and its specific market, and write them in the box below. **Before** doing this, however, read the **entire task** carefully, to ensure that your selection will allow you to meet the requirements of the task.

Nationally significant primary product (in unprocessed form): _____
Specific market for this product: _____

RESOURCE A

Intensive cropping



The Ministry for Primary Industries has a goal to double New Zealand's primary sector exports

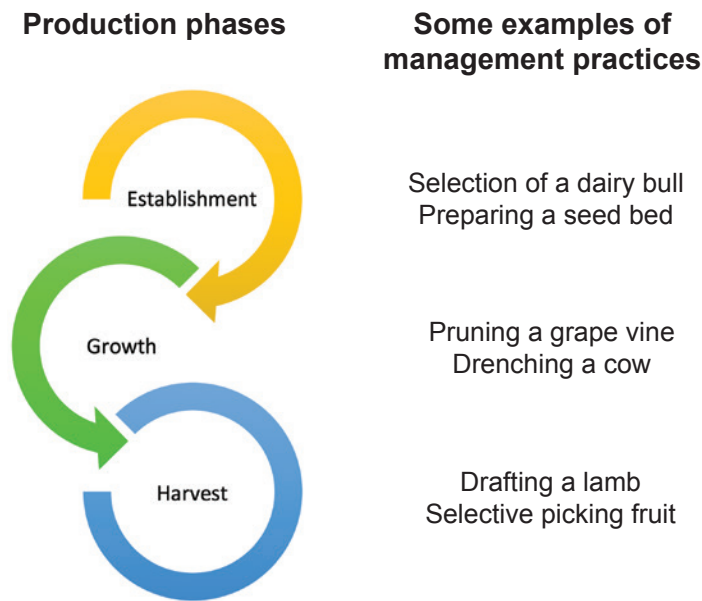
value to products.

Text source (adapted): <https://www.odt.co.nz/lifestyle/magazine/counting-harvest>.

Image source: https://tracmap.com/wp-content/uploads/2017/10/Optimized-precision_horticulture_tracmap.jpg

RESOURCE B

The growing cycle of an agricultural or horticultural product is summarised below.

**PART A**

Explain how a producer of a primary product of your choice could manipulate their management practice decisions to increase market returns from their product.

Note: This could come, for example, from producing a greater volume of product for sale, or from increasing the market value of their product.

In your answer:

- provide details of THREE specific management practices
- ensure that each phase of the growing cycle, as shown in Resource B above, is represented
- clearly state how increased market returns could be achieved by the grower.

Management practice (1)

**More space for this answer
is available on the next page.**

Management practice (3)

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**This examination continues
on the following page.**

