Internal Assessment Resource

Achievement Standard Agricultural and Horticultural Science 91529: Research and report on the impact of factors on the profitability of a New Zealand primary product

Resource reference: Agricultural and Horticultural Science 3.2A

Resource title: Can you make money from Milking Deer?

Credits: 6

|  |  |  |
| --- | --- | --- |
| Achievement | Achievement with Merit | Achievement with Excellence |
| Research and report on the impact of factors on the profitability of a New Zealand primary product. | Effectively research and report on the impact of factors on the profitability of a New Zealand primary product. | Comprehensively research and report on the impact of factors on the profitability of a New Zealand primary product. |

Student instructions

Introduction

This assessment activity requires you to research New Zealand venison production in order to answer the question “Can you make a profit from Milking Deer in New Zealand?” You are to report on how a range of factors impact on the profitability of New Zealand produced deer milk by considering their effect and/or impact on the production process used for milking deer in New Zealand.

In considering the profitability you will need to research on-farm practices, off-farm processes, and other factors such as physical and climatic conditions; and social, technological (for example, value-added innovations), economic, political, and cultural factors.

The production process used for Milking Deer in New Zealand includes all stages under the producer’s control, such as production process, management practices, quantity, timing, and product attributes.

You can work in a group of two or three to gather information, but you must work independently on the collation, processing, and reporting of your research findings.

You have up to 10 weeks to carry out the research and complete your report.

You will be assessed on how effectively and comprehensively you carry out your research and report on your findings.

Task: Can you make money from Milking Deer?

***Conduct the research***

Research relevant information on the impact of specific factors such as physical and climatic conditions; and social, technological, economic, political, and cultural factors on the profitability of New Zealand produced deer milk.

Plan your research process and include regular check points with your teacher.

Select and organise relevant information under each specific factor so that you can use it to develop an informed response to this question.

Use the information to:

* describe the impact of the factors on the production process used for deer milk in New Zealand
* explain the impact of the factors on the profitability of deer milk production in New Zealand
* analyse the processed information to justify the impact of the factors on the profitability of New Zealand produced deer milk.

Keep a record of your research in a logbook. Include a reference list. Your research logbook will be handed in with your completed report, as it may be used to assess how you have processed and integrated the knowledge you have gathered during your research.

***Prepare your report***

Present your findings in a coherent and concise manner, including a summary of key findings.

The report will include:

* Purpose – a statement that provides a clear description of your research focus
* Introduction – provides the relevant background to the topic and the research you have carried out
* Findings – presents a summary of the relevant information you selected and processed relating to the topic. This information is written in your own words, along with referenced quotes you have selected. It will include graphs and tables relating to the specific factors. In this section you will describe the impact of each of these factors on the l deer milk production process in New Zealand.
* Discussion – an interpretation of findings based on your own processed information. This is written in paragraph form and should address each factor you have described, with an explanation of how each impacts on the profitability of venison production in New Zealand. You must summarise information that justifies your stance on the impact of specific factors on the profitability of venison production in New Zealand.
* Conclusion – a valid conclusion(s) that relates to the purpose of the research. If you make a statistical conclusion it may be shared in the conclusion, supported by your statement that justifies whether or not you can make a profit from Milking deer in New Zealand.
* References – referencing using a recognised style, so that sources may be verified.