

91931



Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

Level 1 Agricultural and Horticultural Science 2025

91931 Demonstrate understanding of environmental sustainability in primary production management practices

Credits: Four

SAMPLE ASSESSMENT

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of environmental sustainability in primary production management practices.	Explain environmental sustainability in primary production management practices.	Evaluate environmental sustainability in primary production management practices.

This is an example of the first question of a three question assessment.

INSTRUCTIONS

Read ALL the questions before choosing a production system. In your response, include how a Māori value relevant to environmental sustainability is being demonstrated.

QUESTION ONE: Soil

Pugging is an example of an environmental impact of some farming practices, which negatively affects soil sustainability.



Source: (Pugging) <https://www.flickr.com/photos/macleaygrassman/17319536085/in/album-72157652154205135> CC BY 2.0

Name a primary production system: _____

(a) (i) Describe one management practice that has a negative impact on soil sustainability for your named production system.

(ii) How has this management practice had a negative impact on the soil?
