

Title	Explain and carry out farm trials for single-seed Pacific oyster culture		
Level	4	Credits	10

Purpose	<p>This unit standard is for people involved in farming single-seed Pacific oysters and who have responsibility for quality and quantity of output.</p> <p>People credited with this unit standard are able to: explain the reasons for, and implications associated with, conducting farm trials for the culture of single-seed Pacific oysters; explain the principles of conducting farm trials for the culture of single-seed Pacific oysters; explain the planning required to set up a farm trial for the culture of single-seed Pacific oysters; and set up and carry out a farm trial for the culture of single-seed Pacific oysters.</p>
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Classification	Seafood > Aquaculture
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Available grade	Achieved
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Guidance Information

Definitions

Company requirements refer to instructions to staff on policy and procedures that are communicated in an oral or written form. These requirements must include legislation and safety requirements and may include but are not limited to – manufacturers' instructions, industry codes of practice and standards.

Farm trials are carried out for the purposes of identifying optimum conditions for single-seed Pacific oyster culture. A farm trial consists of testing one parameter, however the same parameter will be tested many times to ensure consistency.

Monitoring includes the collection of data.

Outcomes and performance criteria

Outcome 1

Explain the reasons for, and implications associated with, conducting farm trials for the culture of single-seed Pacific oysters.

Performance criteria

- 1.1 The explanation includes the reasons for conducting farm trials for the culture of single seed oysters.
- 1.2 The explanation includes the implications of poorly conducted farm trials.

Outcome 2

Explain the principles of conducting farm trials for the culture of single-seed Pacific oysters.

Performance criteria

- 2.1 The explanation includes the importance of defining the parameters being addressed by a farm trial for the culture of single-seed Pacific oysters.
- 2.2 The explanation includes the importance of providing consistent conditions during a farm trial for the culture of single-seed Pacific oysters.
- 2.3 The explanation includes the importance of replication of the trial prior to moving to large scale farm operations for the culture of single-seed Pacific oysters.
- 2.4 The explanation includes the key principles of monitoring, recording and data interpretation during a farm trial for the culture of single-seed Pacific oysters.

Outcome 3

Explain the planning required to set up a farm trial for the culture of single-seed Pacific oysters.

Performance criteria

- 3.1 The explanation includes the planning required to set up a farm trial for the culture of single-seed Pacific oysters.

Outcome 4

Set up and carry out a farm trial for the culture of single-seed Pacific oysters.

Performance criteria

- 4.1 Define the parameter trial in accordance with company requirements.
- 4.2 The farm trial is set up to address the identified parameter in accordance with company requirements.
- 4.3 Carry out the farm trial in accordance with company requirements.

Range monitoring, recording.
- 4.4 Gather data and draw conclusions with relevant recommendations.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2008	31 December 2023
Review	2	28 October 2021	31 December 2023
Reinstatement	3	29 February 2024	N/A

Consent and Moderation Requirements (CMR) reference

0123

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Muka Tangata – People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.