Title	**Compare oyster grow-out systems, and explain grow-out systems used to farm single-seed Pacific oysters**		
Level	**4**	**Credits**	**5**

Purpose	This unit standard is for people who are involved in farming single-seed Pacific oysters and who have responsibility for quality and quantity of output. People credited with this unit standard are able to explain: the differences between stick oyster culture and single-seed Pacific oyster culture on farm grow-out systems, and the benefits of using single-seed Pacific oyster culture; the advantages and disadvantages of inter-tidal and sub-tidal oyster farming; the grow-out systems used for culturing single-seed Pacific oysters on an inter-tidal farm; and the long-line system used for culturing single-seed Pacific oysters on a sub-tidal farm.

Classification	Seafood > Aquaculture

Available grade	Achieved

Guidance Information

Definition
BST refers to the trade name for the long-line oyster culture system commonly used in the oyster industry.

Outcomes and performance criteria

Outcome 1

Explain the differences between stick oyster culture and single-seed Pacific oyster culture on farm grow-out systems, and the benefits of using single-seed Pacific oyster culture.

Performance criteria

1.1 The explanation includes the differences between stick oyster culture and single-seed Pacific oyster culture on farm grow-out systems.

1.2 The explanation includes the benefits of using single-seed Pacific oyster culture on farm grow-out systems.

Range evidence of three benefits is required.

Outcome 2

Explain the advantages and disadvantages of inter-tidal and sub-tidal oyster farming.

Range evidence of two advantages and two disadvantages is required.

Performance criteria

2.1 The explanation includes the advantages and disadvantages of inter-tidal oyster farming.

2.2 The explanation includes the advantages and disadvantages of sub-tidal oyster farming.

Outcome 3

Explain the grow-out systems used for culturing single-seed Pacific oysters on an inter-tidal farm.

Performance criteria

3.1 The explanation includes a description of the grow-out systems used for culturing single-seed Pacific oyster on an inter-tidal farm.

Range rack culture, BST long-line.

3.2 The explanation includes the benefits of using a BST long-line system on an inter-tidal farm.

Range evidence of four benefits is required.

Outcome 4

Explain the long-line system used for culturing single-seed Pacific oysters on a sub-tidal farm.

Performance criteria

4.1 The explanation includes a description of the long-line system used for culturing single-seed Pacific oyster on sub-tidal farm.

Range may include but is not limited to – managing the logistics of the physical environment; degree of water column use; use of different types of containers;
evidence of three descriptions is required.

Planned review date	31 December 2026

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.