

## 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; and 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.

**Subfield** Seafood

**Domain** Aquaculture

**Status** Registered

**Status date** 21 May 2008

**Date version published** 21 May 2008

**Planned review date** 31 December 2013

**Entry information** Open.

**Accreditation** Evaluation of documentation and visit by NZQA and industry.

**Standard setting body (SSB)** Primary Industry Training Organisation

**Accreditation and Moderation Action Plan (AMAP) reference** 0123

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

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### Special notes

#### Definition

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

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## Elements and performance criteria

### Element 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.

### Element 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.

### Element 3

Explain the grow-out systems used for culturing single-seed Pacific oyster 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.

## Element 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 is required.

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### Please note

Providers must be accredited by the Qualifications Authority, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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### **Comments on this unit standard**

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.