

Title	Describe triploiding in the New Zealand aquaculture industry		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to describe triploiding in the New Zealand aquaculture industry.
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Classification	Seafood > Aquaculture
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Animal Products Act 1999;
 - Health and Safety at Work Act 2015;
 - and any subsequent amendments.
- 2 Definition
Company requirements refer to instructions to staff on policy and procedures which are communicated in verbal or written form. These requirements may include but are not limited to – manufacturer's' instructions, company safety requirements, throughput, and industry codes of practice and standards. Company requirements must include legislative requirements
- 3 All evidence presented in this unit standard must be in accordance with company requirements.

Outcomes and performance criteria

Outcome 1

Describe triploiding in the New Zealand aquaculture industry.

Performance criteria

- 1.1 Describe a triploid and how it differs from a diploid.
 - 1.2 Describe the purpose and three applications for triploiding aquaculture species.
 - 1.3 Describe the potential negative outcomes of the triploiding process.
- Range evidence of three outcomes is required.

- 1.4 Describe species that are triploid in the aquaculture industry.
- Range evidence of three species is required.
- 1.5 Describe different methods that can be used for triploiding aquaculture species.
- Range evidence of three methods is required.
- 1.6 Describe the stepwise process for triploiding an aquaculture species.
- Range evidence is required for one aquaculture species and one triploiding method.
- 1.7 Describe the safety precautions for triploiding an aquaculture species.
- Range evidence is required for the aquaculture species and triploiding method described in performance criterion 1.6.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 July 2005	31 December 2024
Review	2	12 December 2008	31 December 2024
Review	3	28 October 2021	N/A
Rollover	4	29 February 2024	N/A

Consent and Moderation Requirements (CMR) reference	0123
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the 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.