

Title	Describe and carry out a biomass assessment of farmed fin fish		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: describe biomass assessment for farmed fin fish and carry out a biomass assessment of farmed fin fish.
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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 that are communicated in an oral or in 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 biomass assessment for farmed fin fish.

Performance criteria

- 1.1 Describe the reasons for carrying out biomass assessment.

Range	may include but is not limited to – determining Feed Conversion Rate (FCR), Specific Growth Rate (SGR), average weight and biomass, calculating the amount of food to feed fish, monitoring fish health; evidence of four is required.
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- 1.2 Describe the preparation required and the reasons for the preparation activities for biomass assessment.
- 1.3 Describe the steps to take to ensure an accurate biomass assessment.
- 1.4 Describe measures taken to ensure the welfare of the fish.
- Range handling of fish, reduction of stress, minimising presence of predators, monitoring of fish during assessment.
- 1.5 Describe the documentation and distribution of the results of the biomass assessment.

Outcome 2

Carry out a biomass assessment of farmed fin fish.

Performance criteria

- 2.1 Carry out biomass assessment ensuring the welfare of the fish.
- 2.2 Document biomass assessment results.

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Status information and last date for assessment for superseded versions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	21 March 2003	31 December 2024
Rollover and Revision	2	27 October 2006	31 December 2024
Review	3	25 February 2008	31 December 2024
Review	4	28 October 2021	N/A
Rollover	5	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.