



**Australian Government**

# **SFIAQU501 Develop a stock nutrition program**

**Release: 1**

## SFIAQU501 Develop a stock nutrition program

### Modification History

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 1.0.

### Application

This unit of competency describes the skills and knowledge required to plan, develop and improve a stock nutrition program for aquaculture. It includes the ability to assess nutritional requirements in a cost-effective manner, research process improvements, monitor the nutrition program and take corrective action when required

This unit applies to individuals who have technical and/or management responsibilities for stock in an aquaculture facility.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

### Pre-requisite Unit

Nil

### Unit Sector

Aquaculture (AQU)

### Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan a stock nutrition program	<p>1.1 Determine daily and seasonal nutritional requirements of cultured or held stock from published data on species, research programs, historical records, industry practice and workplace procedures</p> <p>1.2 Research and identify benefits of mechanisation or automation of process or activity and the use of specialised contract services</p> <p>1.3 Develop a plan to ensure adequate nutrition is provided to achieve appropriate stock condition in line with workplace production plan</p>

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>1.4 Ensure plan responds to different nutrition requirements during a range of conditions over the growing cycle of stock</p> <p>1.5 Determine most cost-effective approach to apply required nutrients</p> <p>1.6 Research selected foods in nutrition plan to identify and minimise risk of adverse side effects on stock or stock culture or holding environment</p> <p>1.7 Document nutrition plan and communicate to supervisors and management</p>
2. Monitor and improve the stock nutrition program	<p>2.1 Monitor implementation of program by stock-testing to ensure requirements of workplace production plan are achieved</p> <p>2.2 Monitor and review nutrition program to ensure it remains responsive to changing conditions</p> <p>2.3 Test new feeds or formulations and introduce into nutrition program in line with workplace practices</p> <p>2.4 Identify shortcomings in program and implement appropriate courses of action</p> <p>2.5 Document remedial action taken and report to management</p>

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>• Researches and analyses technical information from a range of sources</li> <li>• Interprets workplace plans, schedules and documentation</li> </ul>
Writing	<ul style="list-style-type: none"> <li>• Documents reports and plans using clear language and appropriate format</li> <li>• Updates and modifies documentation accurately</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>• Completes statistical analyses of data</li> <li>• Determines cost-effectiveness of stock nutrition program</li> <li>• Applies formulas to stock feed requirements</li> </ul>

Skill	Description
Oral communication	<ul style="list-style-type: none"> <li>Participates in verbal exchanges to convey and explain information clearly using language appropriate for the audience</li> </ul>
Navigate the world of work	<ul style="list-style-type: none"> <li>Works independently and collectively within broad parameters, taking responsibility for plans, decisions and outcomes relating to stock nutrition</li> </ul>
Interact with others	<ul style="list-style-type: none"> <li>Selects and uses appropriate communication protocols and conventions when seeking or sharing information with others</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>Gathers relevant information, identifies options, and trials and evaluates new processes and potential improvements to stock nutrition program</li> <li>Uses key features and functions of workplace digital systems and tools to access, organise, and analyse information relevant to stock nutrition</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIAQU501 Develop a stock nutrition program	SFIAQUA501C Develop a stock nutrition program	Updated to meet Standards for Training Packages	Equivalent unit

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>