



**FARMING BARRA
FOR THE FUTURE**

Coral Coast Fresh Saltwater Barramundi

WORKSHEET

YEAR 7-8

This resource has been developed by:



 **Seafood Careers Australia**



FRDC
FISHERIES RESEARCH AND
DEVELOPMENT CORPORATION

Contents

Worksheet Page 3
Answers Page 5
References Page 5



Aquaculture is the practice of farming aquatic organisms, such as fish and prawns, in controlled environments such as ponds, tanks, or ocean-based enclosures. Aquaculture has become increasingly important to meet the growing global demand for seafood while minimising the impact on natural ecosystems.



Scan the QR code or click on the link to learn about Coral Coast Fresh Whitsunday Saltwater Barramundi.



> **Coral Coast Fresh Whitsunday Saltwater Barramundi**
(2:47)
<https://vimeo.com/204300533>



Record your answers to the questions in the spaces below.

- a) Circle the correct answer to show which three practices Coral Coast Fresh Whitsunday Saltwater Barramundi is adopting to improve its sustainability.
 1. Increased use of antibiotics, hiring more staff, and using wild-caught fish as feed.
 2. Using less water, producing greater numbers of barramundi, and selling produce locally.
 3. New feed formulations, power efficiencies, and recycling.

b) Describe how Coral Coast Fresh Whitsunday Saltwater Barramundi manages the water quality in their production system.

c) Explain how aquaculture can help to provide sustainable seafood into the future.

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- d) Scan the QR code or click on the link to access the Coral Coast Barramundi Farm website.
 - Create three bookmarks designed to educate consumers about the sustainability, production, and health benefits of Coral Coast Barramundi.
 - Record three facts for each theme on a bookmark template and add images to decorate.



➤ **Coral Coast Barramundi Farm**
<https://coralcoastbarra.com.au/>



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Answers

- a) 3
- b) Suggested answers include: Pumping pristine ocean water into the farm every day. Ensuring water is cleaned before it is pumped back into the ocean.
- c) Suggested answers include: Aquaculture allows for greater control over the production (feed, genetics, growth rates, environment) that can lead to greater efficiency in production. Aquatic organisms have a greater feed efficiency conversion than terrestrial stock.
- d) Student answers will vary.

AUSTRALIAN CURRICULUM CONTENT

Design and Technologies Year 7-8

Analyse how food and fibre are produced in managed environments and how these can become sustainable
(AC9TDE8K04)

References

- > Fisheries Research and Development Corporation. (2017). Coral Coast Fresh Whitsunday Saltwater Barramundi. In vimeo.com. <https://vimeo.com/204300533>
- > Coral Coast Barramundi. (2023). Home. Coral Coast Barramundi. <https://coralcoastbarra.com.au/>

ATTRIBUTION, CREDIT & SHARING



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