

MODULE 3: Innovative processing of fish discards to BARF

CASE STUDIES and WORKSHEETS

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CASE STUDIES WORKSHEET

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CASE STUDY 1: Onboard preservation of BARF raw material

Description:

Fish deteriorate quickly. Thus, correct onboard handling is among the most important factors in maintaining raw material quality and producing high-quality BARF. Onboard hygiene and proper chilling systems are key parameters to prevent raw material spoilage. The case will focus on the onboard processing of BARF, its possibilities, and its challenges.

Benefits

The Case study will give

- Insight into catching technologies and on-board handling
- Knowledge about raw material stability and the importance of proper handling

Identified (module-specific practices)

- Catching technology and onboard handling
- Fish raw material – properties and stability
- BARF production

Drawbacks

- Difficult to get information on current practices and handling of the raw material.
- Difficult to get information about the commercial fishing vessels used in each region.

The above case study is adapted from and the link The text has been shortened for the purpose of the case study, but the wording remains the same as the original. To read the full text please visit this website:

1. <https://> /

2. Further information available at:

CASE STUDY-1 WORKSHEET QUESTIONS

1. How does the Case Study-1 system work?
2. Could Case Study-1 system be implemented outside the region/country? How might this look? (Provide an example using your home country if you have)?
3. Reflect on the benefits and drawbacks of Case Study-1?

Policy/Legislation	Benefits	Drawbacks
1.		
2.		
3.		

CASE STUDY 2: BARF processing

Description

The ability to utilize fish discards to produce Biologically Appropriate Raw Food (BARF) highly depends on the raw material quality, stability, safety, and nutritional profile. However, the handling and processing of the raw material after catch is as important. In this case study, the students should use the syllabus of Module 3 and design a processing line of high-quality BARF.

Benefits

- Enhanced understanding of raw material prosperities and how to preserve the quality.

Identified (module-specific practices)

- Raw material properties and stability
- BARF production and preservation
- Hurdle technology

Drawbacks

- Difficult tasks due to the lack of current BARF production lines

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1. <https://> /

2. Further information available at:

CASE STUDY-1 WORKSHEET QUESTIONS

1. How does the Case Study-2 system work?
2. Could Case Study-2 system can be implemented outside the region/country? How might this look? (Provide an example using your home country if you have)?
3. Reflect on the benefits and drawbacks of Case Study-2?

Policy/legislation	Benefits	Drawbacks
1		
2		
3		



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