



6. What are the potential environmental impacts of the method?

7. How are nutrients, such as excessive feed and fish waste, managed with this method?

8. What are the benefits of this method? What about drawbacks?

9. Are there any best management practices that should be used with this method? If so, describe them.

10. Is the method suitable for aquaculture in North Carolina? Why or why not?

Aquaculture Production Method #2: _____

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1. Does the method generally rely on fresh or salt water?



2. Is the method used on land or in water? If it's used in water, to what type of water bodies is it well suited (e.g., freshwater ponds, rivers, near-shore ocean, open ocean)? Are there limitations to where the method can be located?

3. Is the method a form of extensive, semi-intensive or intensive aquaculture?

4. What physical materials or equipment are required?

5. What species are commonly raised through this method?

6. What are the potential environmental impacts of the method?

7. How are nutrients, such as excessive feed and fish waste, managed with this method?

8. What are the benefits of this method? What about drawbacks?



9. Are there any best management practices that should be used with this method? If so, describe them.

10. Is the method suitable for aquaculture in North Carolina? Why or why not?

Aquaculture Production Method #3: _____



1. Does the method generally rely on fresh or salt water?

2. Is the method used on land or in water? If it's used in water, to what type of water bodies is it well suited (e.g., freshwater ponds, rivers, near-shore ocean, open ocean)? Are there limitations to where the method can be located?

3. Is the method a form of extensive, semi-intensive or intensive aquaculture?



4. What physical materials or equipment are required?
5. What species are commonly raised through this method?
6. What are the potential environmental impacts of the method?
7. How are nutrients, such as excessive feed and fish waste, managed with this method?
8. What are the benefits of this method? What about drawbacks?
9. Are there any best management practices that should be used with this method? If so, describe them.
10. Is the method suitable for aquaculture in North Carolina? Why or why not?

FLAPBOOK TEMPLATE

Cut only along the dotted lines.
Glue the white border to another sheet of paper of equal size.

Recirculating Tanks

Levee Ponds

Net Pens

Oyster Cages

Flow-Through Raceways

**Aquaculture
Methods**

GLUE

GLUE

GLUE



Aquaculture Production Methods and Policy Part 2

Student Worksheet Name _____

What is your group? (Mark with an X)

_____ Entrepreneurs

_____ Policymakers

_____ Coastal town residents

_____ Environmental organization members

What is your aquaculture species?

| | |
|--|---|
| <p>(1) Entrepreneurs: You have been loaned \$100,000 to start an aquaculture farm in North Carolina. Where will you locate your farm and why? Be specific. Are there any laws or regulations that may keep you from being successful? Are there any that will help you?</p> | <p>(2) Policymakers: An aquaculture farm is being constructed in the region in North Carolina that you represent. What questions about the business would you ask? Are there any existing regulations that will affect the farm? What possible regulations will you enact — or end — that would affect its business?</p> |
| <p>(3) Coastal town residents: A mariculture farm is being constructed in your town in North Carolina. What questions and concerns do you have? Are there any regulations that policymakers should consider enacting or ending that would affect this business?</p> | <p>(4) Environmental group members: An aquaculture farm is being constructed in your area of North Carolina. What questions and concerns do you have? Are there any regulations that policymakers should consider enacting or ending that would affect this business?</p> |