Unit 3: Aquaculture

Lesson 1: Exploring Aquaculture

Directions: Access the commodities and products tab on the AgMRC website (http://www.agmrc.org) and find the link to Aquaculture. Utilize information located here to answer the questions below.

1. According to the AgMRC website, what is the difference between aquaculture and mariculture?

2. The AgMRC website identified environmental impacts associated with aquaculture production. In what ways does aquaculture production result in increased or reduced environmental impacts?

3. Write a brief paragraph (4-6 sentences) identifying global aquaculture market leaders (country) and demand trends as outlined by the AgMRC website.

   a. How does the United States compare to these global market leaders?

   b. What are the reasons for this trend?
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4. The AgMRC website identified numerous legal considerations that are associated with aquaculture. Name 5 of these and provide a brief description of each.

5. Fee and lease pond fishing and closed-loop aquaponic growing systems are both venues identified by the AgMRC website that add value to an aquaculture business. Select one of these venues and write a paragraph explaining its feasibility in your area. Be sure to consider the consumer market and potential marketing avenues.