Global Aquaculture and Soy Protein

Explore the industry

Students can complete the **"Aquaculture and Soy Protein" e-learning course** (**elearning.grownextgen.org**) to gain background knowledge about this topic. After taking the posttest, they should take a screen shot of their results and email them to you.

They should collect 5 interesting facts from the course about aquaculture and its impact on global agriculture. For example, "Soy meal can be used to feed the fish in aquaculture programs, making it a cheaper source of protein worldwide." (They may use this fact, but must collect 5 others; this example does not count toward their 5 facts). They will state their 5 interesting facts about the role and importance of soybeans in global agriculture here:

Answers will vary.

After completing the e-learning course, find out where aquaculture research is taking place. For example, Read **the article** at **uidaho.edu/research/news/research-reports/2015/growing-fish**

1. What have they done here?

   Selective breeding to find fish that thrive on plant-based fish food

2. What are they feeding the fish?

   Plant-based food rather than fish meal

3. What are other risks that fish growers will have to deal with?

   Disease

4. How do they immunize fish?

   Immersion

Find an article online about one additional example of a place where they are practicing aquaculture and explain the situation and outcomes below. Be sure to include the article citation.

Other possible articles:

Fish Farming Continues to Grow as World Fisheries Stagnate
http://www.worldwatch.org/node/5444

Aquaponics Growing Fish and Plants Together (76 slide powerpoint)
http://fisheries.tamu.edu/files/2013/10/Aquaponics-Growing-Fish-and-Plants-Together.pdf

Aqualibrium uses fish to grow plants, and plants to grow fish
http://newatlas.com/aqualibrium-garden-aquaponics/29548/