

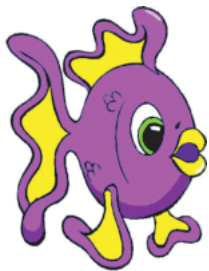


Aquaculture Trivia

Test your family's blue water skills



1. Which state is the #1 marine aquaculture producer, as ranked on farm gate value?
2. What does the word anadromous mean?
3. How many species of marine organisms are farmed in the State of Maine?
4. On average, which has more PCB's - farmed salmon or butter?
5. True or False? Atlantic salmon (the species native to Maine) swim up river once to spawn and then die.
6. True or False? Atlantic sea run salmon & land locked salmon are the same species.
7. How long has aquaculture (the farming of aquatic species) been practiced for: the last 30-40 years, 200-300 years, or over 3,000 years?
8. True or False? Salmon are fed antibiotics and/or hormones in order to promote fast growth.
9. If you were an oyster farmer and you operated an oyster hatchery, what other marine organism must you culture? Algae, scallops, or salmon?
10. Approximately what percentage of the world's seafood is farmed? <10%, 15-20%, or >25%?
11. True or False? Maine salmon farmers vaccinate all of their fish, just like you get vaccinated for diseases such as chicken pox or the measles.
12. On average, how many years does it take to raise mussels to market size?
13. Which Maine river produces more oysters than any other in Maine?
14. Maine recently became the only state in either North or South America to farm what marine species?
15. Which of these marine animals are not related to mussels? Clams, lobsters, scallops, sea slugs, oysters, or sea urchins?
16. What percentage of seafood consumed in the US in 2003 was imported?



Answers

1. Maine
2. It is a fish that hatches in fresh water, moves to salt water to grow to adulthood and then returns to fresh water to reproduce
3. 9 (nine). They are Atlantic Salmon, Trout, Oysters, Mussels, Scallops, Clams, Halibut, Cod and Worms.
4. Butter
5. False. Atlantic salmon, unlike their more famous Pacific cousins, do not die after spawning once & are able to migrate back out to sea & return to spawn another year.
6. True. Both sea run & land locked Atlantic salmon are different strains of the salmon species.
7. Over 3,000 years. Many cultures have farmed fish & other organisms over the last 3,000 years. The Chinese alone have been farming fish such as koi & other carp for over 3,000 years.
8. False. It is illegal in the US, to feed fish antibiotics or hormones in order to promote growth. Unlike beef or chicken, antibiotics don't work as growth promoters anyway.
9. Algae. Oyster hatcheries need to raise their own cultures of diatoms, rotifers, and unicellular algae in order to feed the baby oysters.
10. >25%. According to the FAO (Food & Agriculture Organization) the total world fishery (Inland & Marine) in 2000 was 130.4 tons, while 94.8 million tons came from capture fisheries and 35.6 million tons. This means that 27% of the world fishery came from aquaculture.
11. True. Vaccines & good husbandry practices are the main methods used to keep farmed salmon healthy.
12. 1 year
13. Damariscotta
14. Worms
15. Lobsters and sea urchins. The rest are all in the phylum Mollusca.
16. 70%