



Global
Aquaculture
Alliance™

Ensuring Sustainable and Responsible Aquaculture

2nd Annual State of the Science
Symposium
September 14th, 2018
Seafood's Potential to Ensure Our
Future Food Security Session

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Global Aquaculture Alliance

Why do we need aquaculture?



By 2030, nearly two-thirds of all seafood produced for human consumption will come from aquaculture [World Bank].



With the global population expected to reach 9.6 billion by 2050, the demand for healthy, sustainable animal proteins is continuing to increase.

Farming seafood via Aquaculture relieves pressure from the ocean's depleted wild fisheries.



Farmed fish is the most efficient form of animal protein on the planet [National Geographic].

Estimated Feed Required to Gain One Pound of Body Mass



6.8 POUNDS



2.9 POUNDS



1.7 POUNDS



1.1 POUNDS

What are some of the common myths and misperceptions surrounding aquaculture?

Public Posts See All

ns Natural Solutions Magazine ✓
 March 11, 2016 at 11:00pm · 🌐

Avoid eating this fish!

Warning... Stop Eating Tilapia ASAP Before It's Too Late

www.timefornaturalhealthcare.com

👍 🤔 😬 518

38 Comments 544 Shares



HEALTHY LIVING

Antibiotics In Your Fish: Researchers Find Traces Of Antimicrobials In Seafood, Posing Concern For Resistant Bacteria

Oct 23, 2014 04:23 PM
 By Lecia Bushak

FDA to detain Malaysian shrimp imports after finding unsafe antibiotic residue

By Madelyn Kearns, Associate Editor
SHARE Published on Thursday, April 21, 2016



It's eating chicken poop!



US TV doctor raises concerns over tilapia, shellfish

Dr. Oz urged viewers not to buy tilapia from China or southeast Asia.

by IntraFish Media
 November 5th, 2017 23:42 GMT Updated November 6th, 2017 09:17 GMT

US celebrity doctor, Dr. Mehmet Oz, raised a number of concerns on seafood safety on his television show Tuesday, specifically in regard to tilapia and shellfish.

During the show, Dr. Oz explained how tilapia is a relatively inexpensive fish, mainly because they are predominantly farm-raised in tanks "bursting at the seams" with water that is rarely changed, if ever, reports

SALMON SHOCKER #8

It's been painted pink!



Wild salmon is naturally rose-tinted, a delicious side effect of the shrimp and krill in its diet. But because farmed salmon subsists on feed pellets made from ground fish and soy, its flesh is naturally



How much of our farmed seafood
is imported?

Shrimp

- More than 90% of supply is imported; greater than 1.4 billion lbs in 2017
- Top importing countries: India, Indonesia, Thailand, Ecuador and Vietnam

Salmon

- Imported more than 900 million lbs of Atlantic salmon in 2017
- Top importing countries: Chile, China*, Norway, Thailand*, Canada, UK

Tilapia

- Virtually 100% of supply is imported; about 400 million lbs in 2017
- Top importing countries: China, Indonesia, Honduras, Columbia, Costa Rica

Catfish (channel and pangasius)

- More than 60% of supply is imported; greater than 240 million pounds in 2017
- Top importing countries: Vietnam and China

Molluscs

- About 50% of supply is imported; almost 120 million pounds in 2017
- Top importing countries: China, Chile, New Zealand, Argentina, Japan

Who assures sustainable seafood?

GREENPEACE

Monterey Bay Aquarium
Seafood Watch



Global farmed salmon industry are leaders

1. Certified by leading ecolabels
2. Industry coordinates precompetitively - Global Salmon Initiative
3. Significant issues still exist, but industry addressing these

Why does the marketplace
require 3rd party certification to
assure sustainability?

What does certification mean?

- On location audits
- Demonstrates products are safe and responsibly produced
- Provides access to the marketplace
- Encourages a closer look at operations to make improvements





The BAP Pillars of Sustainability



Food Safety

Assurance that no banned antibiotics or other chemicals are used and that all approved chemical treatments are carried out in a responsible fashion.



Social Responsibility

Adherence to local laws for worker safety, child labor and community rights.



Environmental Responsibility

Compliance with standards that address such issues as habitat conservation, water quality and effluents.



Animal Health & Welfare

Best practices in animal husbandry, addressing issues such as disease control.



Our Vision

To feed the world through responsible aquaculture





Our Mission

To improve the environmental, social, and economic performance of the aquaculture supply chain



What Makes Us Experts?



ADVOCATE



EDUCATE



DEMONSTRATE





What is BAP?



Comprehensive

- Covers the entire aquaculture production chain – hatcheries, feed mills, farms & processing plants
- Standards cover the 4 pillars of responsible aquaculture: environmental, social, food safety & animal health and welfare
- Covers virtually 100% of finfish, crustacean & mollusk species



Proven

- Third-party benchmarking: GSSI, GFSI, GSCP
- Standards are scientific rigorous and always evolving



Trusted

- Administered by the Global Aquaculture Alliance
- Robust Program Integrity
- Third-party Standards Oversight Committee (SOC), certification bodies and auditors, ensuring the audit is fair
- Supply chain transparency program
- Endorsed by over 150 retail & foodservice companies worldwide



'3G' Integrity from Independent Benchmarks

- Environmental Integrity: Global Sustainable Seafood Initiative (GSSI)
- Food Safety: Global Food Safety Initiative (GFSI)
- Social Accountability: Global Social Compliance Programme (GSCP)





BAP Standards Development



TC: Technical Committee

- Species-specific technical committees develop draft standards
- Members approved by SOC

SOC: Standards Oversight Committee

- Draft standards reviewed by a 12-member, independent SOC, whose diverse industry and non-industry members recommend changes, as necessary
- SOC consists of four representatives of the NGO community, four representatives of academia/regulatory/policy and four representatives of industry
- “Yes” vote from minimum of two NGOs needed for draft standards to be approved
- Draft standards then published for 60 days of public comment



Best Aquaculture Practices Market Endorsers



DON'T CHOOSE BETWEEN WILD AND FARMED THEY ARE BOTH GOOD CHOICES!

Ask!

What is your responsible sourcing policy?





Thank You

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