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Global Aquaculture Advocate™

THIS WEEK'S FEATURED ARTICLES

The keys to making land-based and offshore aquaculture work? Scale, scale, scale

GOAL delegates heard that the biggest opportunity for land-based and offshore aquaculture is to scale production and increase seafood supplies.

By Jason Holland

Collaboration drives innovations in super-intensive indoor shrimp farming

A collaboration between Viet-Uc Seafood Corporation and CSIRO of Australia develops improvements in super-intensive indoor shrimp farming technology.

By Stuart Arnold, CSIRO

Evaluating the efficacy of a candidate vaccine for Atlantic salmon against sea lice

Laboratory-scale evaluation of a candidate vaccine for Atlantic salmon against sea lice shows an efficacy of 56 percent when administered by injection.

By Jaya Kumari Swain, Ph.D.

LA TRADUCCIÓN ESPAÑOL DESTACADA DE ESTA SEMANA

La industria camaronera de Ecuador superando numerosos obstáculos en 2020

Ha sido un año difícil para la industria camaronera de Ecuador, que está luchando contra los bajos precios, los problemas de suministro a China, su principal mercado, y la pandemia de COVID-19.

Por Diana Poveda & Yahira Piedrahita

FROM PREVIOUS ISSUES OF THE GLOBAL AQUACULTURE ADVOCATE

GOAL 2020 Day 1: Aquaculture addressing the world's ‘most fundamental challenge’

GOAL 2020 keynote speaker Peer Ederer says the solution to closing food security gaps doesn't include abandoning animal proteins and finger pointing.

By James Wright

Retailer responsibility in aquaculture production, feeds recognized at GOAL

Top-to-bottom value-chain collaboration is crucial to maintaining a sustainable seafood industry, presenters on Day 2 of GAA's GOAL conference agreed.

By Nicki Holmyard

FROM PRINT (1999–2015) TO DIGITAL: NEW ADDITIONS TO THE ARCHIVES

Biosecurity basics for shrimp aquaculture

Biosecurity in shrimp aquaculture is achieved by preventing the presence, growth, and spread of pathogenic microorganisms. (*December 2001*)

By Ami Horowitz, Ph.D.

Long-term storage for immobilized microalgae

The entrapment, storage and processing of microalgae into alginate beads is a useful technology for stock culture management.
(December 2001)

By Yean-Chang Chen, Ph.D.

Polyploidy in shrimp

Polyploidy in shrimp, or the application of triploid or tetraploid chromosomes, can result in superior culture performance.
(December 2001)

By Arlo W. Fast, Ph.D.

Genetic selection can increase feed efficiency of salmon

Greater Atlantic salmon feeding efficiency can be obtained through improved feeds and genetic selection for feed utilization.
(December 2001)

By Bjarne Gjerde

Minimizing environmental impacts of shrimp feeds

The choice of shrimp feeds or feeding regimes can have a profound effect on the rearing conditions and health of the cultured species.
(December 2001)

By Albert G.J. Tacon, Ph.D.

Grow-out test of freshwater prawns finds effects of feed protein levels limited

The development of technological innovations would improve the economic viability of freshwater prawn culture in the Mississippi Delta.
(*December 2001*)

By Benedict C. Posadas, Ph.D.

Black tiger shrimp hatcheries in India, an overview

Commercial black tiger shrimp hatcheries in India developed rapidly since 1993 due to drastic demand increases and seedstock shortages.
(December 2001)

By M. Sudarshan Swamy

Role of lipids and vitamins in maturing shrimp

The biochemical characterization of wild female broodstock provides baseline data on the roles of lipids and vitamins in shrimp maturation.
(December 2001)

By Roeland Wouters

Shrimp production systems with low/no water exchange

Research in a culture system without water exchange indicated that biological performance of postlarvae was similar.
(December 2001)

By Mario Velasco, Ph.D.

Tilapia genetics: Applications and uptake

Although tilapia genetics lag behind crop and livestock breeding, the pace of development may narrow the gap appreciably in coming years.
(December 2001)

By Graham C. Mair, Ph.D.