



Tilapia: Biology, Culture, and Nutrition

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Tilapia: Biology, Culture, and Nutrition From CRC Press

Learn to maximize tilapia production in different areas around the world

Tilapia is the second-most cultured fish species in the world, and its production is increasing each year. However, for several reasons profit margins remain slim. *Tilapia: Biology, Culture, and Nutrition* presents respected international experts detailing every aspect of tilapia production around the world. Biology, breeding and larval rearing, farming techniques, feeding issues, post-harvest technology, and industry economics are clearly presented. This concise yet extensive reference provides the latest research and practical information to efficiently and economically maximize production in diverse locales, conditions, and climates.

Tilapia: Biology, Culture, and Nutrition comprehensively explores all types of tilapia with a detailed biologic description of the fish that takes readers from egg through harvesting. The book authoritatively discusses production issues such as feed nutrition, temperature, water quality, parasites, and disease control to guide readers on how to best encourage fast, efficient growth. Economic and marketing information are examined, including industry data and projections by country. Each chapter approaches a specific facet of tilapia and provides the most up-to-date research available in that area. This resource gives the most current, detailed information needed for effective tilapia farming in one compact economical volume. Extensively referenced with an abundance of clear, helpful tables, photographs, and figures.

Tilapia: Biology, Culture, and Nutrition discusses in detail:

- complete biology, including sex ratios, optimum temperatures for growth and spawning, water quality parameters, and disease tolerance
- industry predictions
- hormonal control of growth
- genetic improvement
- sex determination, manipulation, and control
- seed production
- culture practices
- earthen and lined pond production
- culture in flowing water
- cage culture

- feed formulation and processing, and feeding management
- soil, water, and effluent quality
- saline tolerance levels with optimum rate of acclimation to seawater
- polyculture of tilapia with shrimp
- bottom soil conditions
- nutrient requirements with non-nutrient components
- parasites and diseases

Tilapia: Biology, Culture, and Nutrition is essential reading for aquaculturists, nutritionists, geneticists, hatchery managers, feed formulators, feed mill operators, extension specialists, tilapia growers, fish farmers/producers, educators, disease specialists, aquaculture veterinarians, policy makers, educators, and students.

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Editorial Review

Review

"If you are looking for information on tilapia aquaculture, you need not look elsewhere; **THIS BOOK HAS IT ALL.**" -- *Cortney L. Ohs, PhD, Assistant Professor of Aquaculture, University of Florida*

"**THE MOST COMPREHENSIVE PUBLICATION TO DATE** on the culture of this intriguing and very important group of culture species." -- *Robert R. Stickney, PhD, Director, Texas Sea Grant College Program and Professor of Oceanography, Texas A&M University*

Users Review

From reader reviews:

Kathryn Patterson:

The book with title Tilapia: Biology, Culture, and Nutrition possesses a lot of information that you can find out it. You can get a lot of help after read this book. This particular book exist new knowledge the information that exist in this publication represented the condition of the world today. That is important to yo7u to be aware of how the improvement of the world. This particular book will bring you in new era of the glowbal growth. You can read the e-book with your smart phone, so you can read the item anywhere you want.

Joshua McIntosh:

Often the book Tilapia: Biology, Culture, and Nutrition has a lot info on it. So when you check out this book you can get a lot of help. The book was published by the very famous author. Mcdougal makes some research previous to write this book. This particular book very easy to read you may get the point easily after looking over this book.

Betty Bass:

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