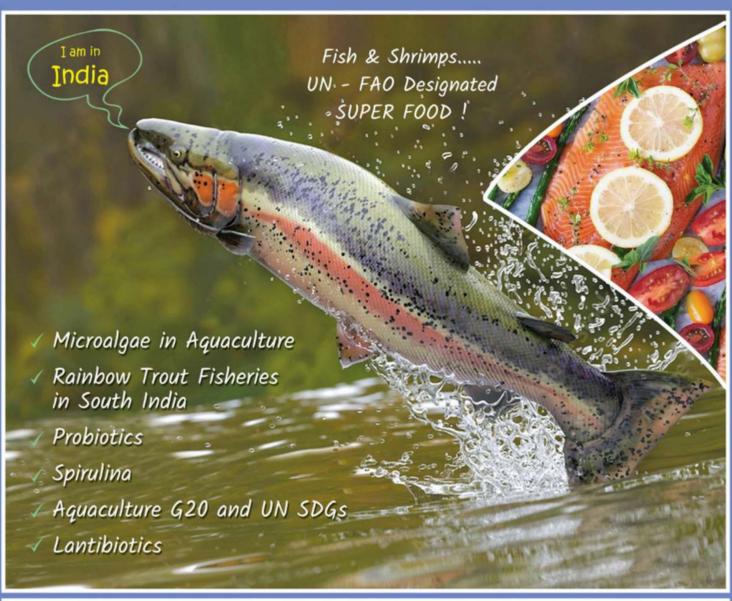
AQUAFOCUS

Volume 1 / Issue 2 JANUARY 2023 ENGLISH QUARTERLY Chennai Rs. 100











Improve Health | Productivity | Producer profitability



Certified Antibiotic free



Guaranteed Label Claim



Best Results



Regd. Office: Plot No. 13, Sagar Society, Road No.2, Banjara Hills, Hyderabad-500 034. Telangana - INDIA. www.sanzymebiologics.com | info@sanzymebiologics.com | For Trade Enquiry: Tel. No: +91 9100073668 / 40-48589999

AQUAFOCUS

Dedicated to: Aquaculture Research & Development

English Quarterly Journal

Content Index

JANUARY 2023

Volume1 / Issue 2

>]	Editorial04
>]	Microalgae in aquaculture06
>]	Rainbow trout fisheries11
> ** (G20 and UN SDGs18
>]	Phytotherapy approach21
>]	Probiotics in pellet diets24
> (Spirulina as seed27
>]	Lantibiotics32
> 	3Ps as fortified feed35
>]	Forthcoming events42
>	Spirulina event news44

Membership Form.....46

EDITORIAL BOARD

Publisher & Chief Editor

Dr. JESU AROCKIARAJ

Chairman, Foundation for Aquaculture Innovations and Technology (FAIT) Transfer, Chennai, India

Content Editor

SUDHIR S.

Associate Editors

Dr. M. DHANARAJ, Dr. S. SEETHARAMAN

International Editorial Board

Dr. Ajith Kumar, Principal Scientist, ICAR-National Bureau of Fish Genetic Resources, India

Dr. Aziz Arshad, Professor, University Putra Malaysia, Malaysia

Dr. Caterina Faggio, Assoc. Professor, University of Messina, Italy

Dr. Dina Zilberg, Professor, Ben-Gurion University of the Negev, Israel

Dr. Fatimah Md Yusoff, Professor, University Putra Malaysia, Malaysia

Dr. Harikrishnan Ramasamy, Asst. Professor, Pachaiyappa's College for Men, India

Dr. Ignacio Valentín Fernández Monzón, Scientist, Centro de Ciencias de Mar (CCMAR), Portugal

Dr. Kalimuthu Kalishwaralal, Scientist, Rajiv Gandhi Centre for Biotechnology (RGCB), India

Dr. Ki Choon Choi, Scientist, National Institute of Animal Science, South Korea

Dr. Kim Yrjälä, Professor, University of Helsinki, Finland

Dr. M.A. Haniffa, Director & Emeritus Scientist, Center for Aquaculture Research and Training, India

Dr. Mariadhas Valan Arasu, Assoc. Professor, King Saud University, Saudi Arabia

Dr. Marina Paolucci, Professor, University of Sannio, Italy

Dr. Mary Beth B. Maningas, Professor, University of Santo Tomas, Philippines

Dr. Mehdi Soltani, Professor, University of Tehran, Iran

Dr. Mohsen Abde-Tawwab Ibrahim, Professor, Zagazig University, Egypt

Dr. Naif Abdullah Al-Dhabi, Professor, King Saud University, Saudi Arabia

Dr. Ngo Hong-Phuong, Professor, Nong Lam University, Vietnam

Dr. Preetham Elumalai, Asso. Professor, Cochin University of Science and Technology, India

Dr. Samuel Appelbaum, Professor, Ben-Gurion University of the Negev, Israel

Dr. Seyed Hossein Hoseinifar, Assoc. Professor, Gorgan University of

Agricultural Sciences and Natural Resources, Iran

Disclaimer

The Magazine is devoted solely for disseminating and reflecting Technical Research based Information, News and Views on AQUACULTURE for the benefit of all relevant readers and does not promote any special personal, cultural or social aspects nor has any kind of affiliations. All opinions, views and articles published in the Magazine are those of the respective Authors & Contributors, and do not reflect those of the Publisher / Editors. The Magazine is published as an Educational and News Service, on a 'Best-Effort' basis. The Publisher & Editors do not assume liability for any errors or omissions in any content or Printing



INTRODUCING

ECOCHARGER PROBIOTIC LF-99 AQUA

ACTPRO with Patented Probiotic Activation Technology





Over 20 billion bacteria in every single mililiter

Revolutionary Probiotic for Shrimp Hatchery

THE PATENTED SOLUTION FOR IMPROVED GUT HEALTH

Boosts Immunity

9 Strains of Proprietary, beneficial bacteria selected to boost immunity

Improves Environment

Control of harmful Hydrogen Sulfide and ammonia

Improved Survival Rate

Improved shrimp survival and feed conversion ratio

Approved by Coastal Aquaculture Authority of India Reg No: CAA/APR19/PRO/03411

CAA Certified Antibiotic-free Product

#NCHSINCE1919

NCH World Headquarters:

2727, Chemsearch Boulevard, Irving, Texas, 75062, USA
E: lifesciences@nch.com

W: www.nchlifesciences.com

Imported and Marketed by:

NCH India Private Limited,

D-27, Ambattur Industrial Estate, Chennai - 600058, India.

T: 044 - 26250541- 42

E: lifesciences.india@nch.com