

production

- 13 Intensive Nursery/Pre-Growout Of White Shrimp In Autotrophic, Heterotrophic Systems
Dr. Luis Rafael Martínez-Cordova, Dr. Manuel de Jesús Becerra-Dorame, Dr. Marcel Martínez-Porchas
- 16 Soy-Based Diets Support White Shrimp Performance
Alberto J. P. Nunes, Ph.D.; Marcelo V. C. Sá, Ph.D.; Hassan Sabry-Neto, M.S.
- 20 Survey Identifies Issues For Prawn Fry Production In Bangladesh
Prabal Barua, M. Shah Nawaz Chowdhury, Rajrupa Ghosh
- 22 Farmed Tilapia Net Producers Of Long-Chain Omega Fatty Acids
Wing-Keong Ng, Ph.D.; Chairw-Yee Teoh; Giovanni M. Turchini, Ph.D.
- 26 Tilapia Aquaculture In Saudi Arabia – Farming With Seaweed May Improve Economic, Environmental Sustainability
Dr. Khalid A. Al-Ghanem; Dr. Aftab Alam; Dr. Yousef S. Al-Hafedh; Kevin Fitzsimmons, Ph.D.
- 28 Parasitism Enhances Susceptibility To Bacterial Infection in Tilapia
De-Hai Xu, Ph.D.; Craig Shoemaker, Ph.D.; Phillip Klesius, Ph.D.
- 32 Multiple Methods For Phytoplankton Assessment
Claude E. Boyd, Ph.D.

marketplace

- 34 New Food Safety Modernization Act Expands USFDA Enforcement Powers
Richard E. Gutting, Jr.
- 36 How The Food Safety Modernization Act Will Make Seafood Safer
Barbara Blakistone, Ph.D.
- 41 Food Safety At The Molecular Level: Crossing The Ecological Threshold
Dr. Jaap C. Hanekamp, Dr. Jan Kwakman, Dr. Roel Pieterman
- 44 Post-Harvest Quality Of Freshwater Prawns – Part III. Microflora, Composition, Frozen Storage
George J. Flick, Jr., Ph.D.
- 48 New Approaches Can Help Ensure Safety Of Raw Farmed Oysters
Michael Jabncke, Ph.D.
- 52 Sensory Analysis Evaluates *Pangasius* Fillet Quality
Phan Thuy Xuan Uyen, Nguyen Thi Hang, Nguyen Hoang Dzung, Dao Huy Phong, Campet Marc
- 54 Government, Industry Measures Yield Rising Opportunities For Chile's Salmon Farmers
Aldolfo Alvial, Lic. Bio., M.S., MBA
- 56 Shrimp Complex Firm, Production At Seasonal Low Fresh Salmon Fillet Imports End 2010 21% Down Frozen Tilapia Fillets Jump Again, Honduras Gains In Fresh Fillets U.S. Channel Catfish, *Pangasius* Imports Pop In December
Paul Brown, Jr.; Janice Brown, Angel Rubio
- 60 2010's Positive End Sets Stage For More Global Seafood Advances
John Sackton
- 62 Genetically Modified Salmon – Fast-Growing Fish Could Safely Deliver Healthy Seafood
Paul G. Olin, Ph.D.; Pamela D. Tom
- 64 E.U. Markets For Seabass, Sea Bream – New Marketing May Help Undifferentiated Species Regain Sales
Dr. Ladislao Luna, Dr. José Fernández-Polanco, Ignacio Llorente

innovation

- 66 Intensive Peruvian Operation Produces Shrimp In Greenhouses
Dr. Dennis Belsber, Miguel León, Máximo Quispe
- 68 Innovative Techniques Achieve More Cost-Efficient Salmon Selective Breeding
Dr. Kari Kolstad; Dr. Nick Robinson; Aleksei Krasnov, Ph.D.
- 70 Breeding Program For Tasmanian Salmon – Partnership Using DNA Genotyping To Reduce AGD Treatments
N. G. Elliott, H. King, P. D. Kube, R. S. Taylor, B. Evans
- 74 Malaysia Shrimp Farm Redesign Successfully Combines Biosecurity, Biofloc Technology
Nyan Taw, Ph.D.; Poh Yong Thong; Ling Teck Ming; Chatree Thanabatra; Kamel Zikry Salleh
- 76 What Makes Bioflocs Great For Shrimp?
David D. Kubn, Ph.D.; Addison L. Lawrence, Ph.D.; Greg D. Boardman, Ph.D.; George J. Flick, Jr., Ph.D.
- 78 Candidate Gene Markers For Selective Breeding Of CyHV-3-Resistant Carp, Koi
Parwapol Kongchum, Ph.D.; Eric M. Hallerman, Ph.D.; Yniv Palti, Ph.D.; Lior David, Ph.D.; Gideon Hulata, Ph.D.
- 80 Alternative Lipids Spare Fish Oil In Rainbow Trout Feeds
Jesse Trushenski, Patrick Blaufass, Bonnie Mulligan, Jérôme Laporte

advocacy

- 82 Value Of Independent Verification In Seafood Lacking
Daniel Lee