Highlighted publications are not currently available

# Southern Regional Aquaculture Center

001 Techniques for Marine Finfish Larviculture

005 Introduction to Aquaculture

1. Site Selection of Levee-Type Fish Production Ponds (Revised: Nov. 2010)
2. Construction of Levee Ponds for Commercial Catfish Production (May 2002)
3. Watershed Fish Production Ponds: Guide to Site Selection & Construction (Revised September 2002)
4. Calculating Area & Volume of Ponds and Tanks (August 1991)
5. Repairing Fish Pond Levees (Nov. 1998)
6. Renovating Leaky Ponds (January 1999)
7. Common Farm-Raised Baitfish (Revised June 2001)
8. Baitfish: Feeds and Feeding Practices (Revised August 2002)
9. Production Enterprise Budget for Golden Shiners (Revised April 2008)
10. Feeding Practices of Baitfish (March 1998)
11. Dietary Protein & Lipid Requirements of Golden Shiners and Goldfish (March 1998)

1200 Growing Bull Minnows for Bait (April 2004)

1201 Bait Shrimp Culture (April 2007) 1202 Intensive (Non-pond) Culture of Gulf

Killifish (October 2013)

1203 An Indoor Hatching and Intensive Rearing Method for Fathead Minnows (April 2014)

140 Forage Fish: Introduction and Species (Revised September 2008)

1. What is Cage Culture? (Revised July 2008)
2. Cage Culture: Site Selection and Water Quality (Revised January 1997)
3. Cage Culture: Cage Construction and Placement (Revised April 1997)
4. Cage Culture: Species Suitable for Cage Culture (Revised April 1997)
5. Cage Culture: Handling and Feeding Caged Fish (Revised January 1997)
6. Cage Culture Problems (Revised December 2008)
7. Cage Culture: Harvesting and Economics (Revised August 2009)
8. Channel Catfish: Life History and Biology (December 1988)
9. Feeding Catfish in Commercial Ponds (Revised February 2008)
10. Processing Channel Catfish (Revised August 2001)
11. Processed Catfish: Product Forms, Packaging, Yields and Product Mix (Revised August 2001)
12. Production of Hybrid Catfish (July 1998)
13. Design and Construction of Degassing Units for Catfish Hatcheries (March 1999)
14. Managing Off-Flavor Problems in Pond- Raised Catfish (August 1999)

1800 Costs of Small-Scale Catfish Production (November 2002)

1801 [Infestations of the Trematode *Bolbophorus*](http://srac.tamu.edu/1801fs.pdf)

[sp. in Channel Catfish](http://srac.tamu.edu/1801fs.pdf) (January 2003) 1802 Channel Catfish Broodfish Management

(Revised March 2004)

1803 Channel Catfish Broodfish and Hatchery Management (January 2005)

1804 Managing Hatch Rate and Diseases in Catfish Eggs (February 2006)

1805 Advances in Catfish Harvesting Gear: Seines and Live Cars (February 2007)

1806 Feed Ingredients and Feeds for Channel Catfish (2013)

1. Largemouth Bass: Biology and Life History (Revised August 1997)
2. Culture of Largemouth Bass Fingerlings (Revised October 1997)

220 Trout Production: Handling Eggs and Fry (Revised October 2000)

1. Trout Farming: Carrying Capacity and Inventory Management (Revised July 2000)
2. Trout Production: Feeds and Feeding Methods (Revised May 1999)
3. Alligator Production: An Introduction (May 1993)
4. Alligator Production: Breeding and Egg Incubation (May 1993)
5. Alligator Production: Grow-Out and Harvest (May 1993)
6. Crawfish Production: Production Economics, Pond Construction and Water Supply (Revised October 1998)
7. Crawfish Production Systems: Production Systems and Forages -- Revision (October 1998)
8. Crawfish: A Healthy Choice! (September 1993)
9. Australian Red Claw Crayfish (April 1997)

2400 Crawfish Production: Harvesting (May 2004)

2401 Semi-Intensive Production of Red Swamp Crawfish in Earthen Ponds without Planted Forage (July 2004)

2402 Crawfish Aquaculture – Marketing (October 2005)

2403 Procambarid Crawfish: Life History and Biology (September 2007)

2404 Crawfish Trap Design and Construction (July 2009)

2405 Crawfish Production: Financial Characteristics and Record-Keeping Options (October 2012)

260 Introduction of Exotic Shrimp: Quarantine and Disease Inspection Methods (June 1990)

2600. Opportunities and Constraints in Marine Shrimp Farming (July 2002)

2601 Acclimating Pacific White Shrimp, *Litopenaeus vannamei*, to Inland, Low- Salinity Waters (July 2004)

1. Cage Culture of Tilapia (1989)
2. Tank Culture of Tilapia (Revised June 2009)
3. Tilapia Life History and Biology (March 1999)
4. Hybrid Striped Bass: Biology and Life History (July 1989)
5. Hybrid Striped Bass: Hatchery Phase (Revised December 2008)
6. Hybrid Striped Bass: Fingerling Production in Ponds (Revised January 2004)
7. Hybrid Striped Bass: Pond Production of Food Fish (Revised September 2008)

3000. Hybrid Striped Bass Production in Ponds: Enterprise Budget (December 2001)

3001 Feeds and Feeding of Hybrid Striped Bass (August 2015)

1. Red Drum: Reproductive Biology, Broodstock Management, and Spawning
2. Red Drum: Site Selection and Pond Construction (June 1990)
3. Red Drum: Production of Food Fish (June 1990)

324 Red Drum: Production of Fingerlings and Stockers (June 1990)

350 Small-Scale Marketing of Aquaculture Products (Revised April 2009)

1. Aquatic Weed Management: Control Methods (April 1989)
2. Aquatic Weed Management: Herbicides (Revised July 2006)

3600 Using Grass Carp in Aquaculture and Private Impoundments (July 2002)

3601 Aquatic Weed Management: Herbicide Safety, Technology and Applications Techniques (April 2003)

3602 Aquatic Herbicide Mode of Action and Use Implications (September 2015)

1. Selecting the Proper Pump (December 1994)
2. Piping Systems (December 1994)
3. Open Channel Flow in Aquaculture (March 1995)
4. Powering Aquaculture Equipment (May 1995)

3700 Pond Aeration (September 2005)

381 Developing Business Proposals for Aquaculture Loans (March 1997)

1. Transportation of Warmwater Fish: Equipment and Guidelines (Revised January 2011)
2. Sorting and Grading Warmwater Fish (June 1990)
3. Transportation of Warmwater Fish: Procedures and Loading Rates (June 1990)
4. Transportation of Warmwater Fish: Loading Rates and Tips by Species (June 1990)
5. Harvesting Warmwater Fish (November 1992)
6. Inventory Assessment Methods for Aquaculture Ponds (March 1998)

3900 Anesthetics in Aquaculture (November 2004)

3901 Components and Use of an In-Pond Fish Grading System (September 2007)

3902 Preventing Hitchhiking Nonindigenous Species in Live shipments (October 2009)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 3903 | Shipping Fish in Boxes (April 2010) | 4300 | Extensive Culture of *Crassostrea* | 453 | Recirculating Aquaculture Tank | 4601 | Measuring Dissolved Oxygen |
| 400 | Avian Predators at Aquaculture Facilities |  | *virginica* in the Gulf of Mexico Region |  | Production Systems: A Review of |  | Concentration in Aquaculture (January |
|  | in the Southern United States (Revised December 2007) | 4301 | (August 2002)  Hard Clam Hatchery and Nursery |  | Component Options (Revised October 2013) | 4602 | 2002)  Pond Mixing (July 2003) |
| 401 | Controlling Bird Predation at Aquaculture Facilities: Frightening Techniques | 4302 | Production (September 2007)  Oyster Hatchery Techniques (August | 454 | Recirculating Aquaculture Tank Production Systems: Aquaponics- | 4603 | Managing Ammonia in Fish Ponds (December 2004) |
| 410 | (Revised April 2005)  Calculating Treatments for Ponds and | 4303 | 2008)  Non-Native Species in Aquaculture: |  | Integrating Fish and Plant Culture (Revised November 2006) | 4604 | Managing High pH in Freshwater Ponds (July 2008) |
| 4100 | Tanks (August 1991)  Liming Ponds for Aquaculture (August 2004) | 4304 | Terminology, Potential Impacts, and the Invasion Process (December 2008)  Risk Analysis for Non-Native Species in | 455  456 | Pond Recirculating Production Systems (November 1997)  The Economics of Recirculating Tank | 4605  4606 | Algal Toxin in Pond Aquaculture (November 2008)  Interpretation of Water Analysis Reports |
| 4101 | Removing Fish from Ponds with Rotenone (April 2010) | 4305 | Aquaculture (February 2009)  Emerging Issues Regarding Non-Native |  | Systems: A Spreadsheet for Individual Analysis (November 1998) | 472 | for Fish Culture (July 2013) Submitting a Sample for Fish Kill |
| 421 | Introduction to Hormone Induced Spawning of Fish (November 1991) | 4306 | Species for Aquaculture (April 2011) Soft Shell Crab Shedding Systems | 4500 | Partitioned Aquaculture Systems (February 2004) | 474 | Investigation (February 1992) The Role of Stress in Fish Disease |
| 422  423 | Capturing, Handling, Transporting, Injecting and Holding Brood Fish for Induced Spawning (November 1991) Determining Sexual Maturity of | 4307  4308 | Non-Commercial Oyster Culture, or Oyster Gardening  Off-Bottom Culture of Oysters in the Gulf of Mexico (October 2013) | 4501  4502 | Constructing a Simple and Inexpensive Recirculating Aquaculture System (RAS) for Classroom Use (August 2005)  How to Start a Biofilter (February 2012) | 475  476 | (February 1992)  Proliferative Gill Disease (Hamburger Gill Disease) (March 1998)  Ich (White Spot Disease) (May 1998) |
| 424 | Broodstock for Induced Spawning of Fish (November 1991)  Hormonal Control of Reproduction in | 4309  4310 | Algae for Biofuels – Production and Conservation (October 2013)  Algae for Biofuels – Economic and | 4503  460 | Biofloc Production Systems for Aquaculture (April 2013)  Control of Clay Turbidity in Ponds (May | 477  478 | ESC – Enteric Septicemia of Catfish (September 1998)  Aeromonas Bacterial Infections – Motile |
|  | Fish for Induced Spawning (November |  | Environmental Costs (October 2013) |  | 1999) |  | Aeromonad Septicemia (September 1998) |
| 425 | 1991)  Hormone Preparation, Dosage Calculation and Injection Techniques for | 4311  4400 | High-Density Rearing of Oyster Larvae in Flow-Through Systems (July 2014) Introduction to Financial Management of | 461 | Water Quantity and Quality Requirements for Channel Catfish Hatcheries (November 1991) | 479a.  479b | Fee-Fishing: An Introduction (November 1994)  Columnaris Disease: A Bacterial |
|  | Induced Spawning of Fish (November |  | Aquaculture Businesses (March 2012) | 462 | Nitrite in Fish Ponds (Revised June 1997) |  | Infection Caused by *Flavobacterium* |
| 426  427 | 1991)  Techniques for Taking and Fertilizing the Spawn of Fish (November 1991) Induction and Verification of Triploidy in | 4401  4402 | Assessing the Financial Position of an Aquaculture Business: Using Balance Sheets (March 2012)  Determining the Profitability of an | 463  464 | Ammonia in Fish Ponds (Revised June 1997)  Interaction of pH, Carbon Dioxide, Alkalinity and Hardness in Fish Ponds | 4700 | *columnare* (September 1998) [Saprolegniasis (Winter Fungus) and](http://srac.tamu.edu/4700fs.pdf) [Branchiomycosis of Commercially](http://srac.tamu.edu/4700fs.pdf) [Cultured Channel Catfish](http://srac.tamu.edu/4700fs.pdf) (August 2003) |
|  | Fish (November 1991) |  | Aquaculture Business: Using Income |  | (December 1992) | 4701 | [Protozoan Parasites](http://srac.tamu.edu/4701fs.pdf) (October 2003) |
| 428 | Hormone Preparation, Dosage Calculation, and Injection Techniques for the Induced Spawning of Foodfish | 4403 | Statements and Enterprise Budgets (March 2012)  Evaluating the Liquidity/Cash Positi8on | 466  467 | Algae Blooms in Commercial Fish Production Ponds (May 1994)  Cost of Alternative Effluent Treatments | 4702  4703 | Channel Catfish Virus Disease (February 2004)  Disease Prevention on Fish Farms |
| 431 | Testing Flavor Quality of Preharvest Channel Catfish (November 1991) |  | of an Aquaculture Business: Using Cash Flow Statements (March 2012) | 468 | for Catfish Production (June 1994) Carbon Dioxide in Fish Ponds (April | 4704 | (December 2007)  Diseases of Concern in Molluscan |
| 432 | Cultivating the Eastern Oyster, | 4404 | Good Aquaculture Practices |  | 1996) |  | Aquaculture (September 2009) |
|  | *Crassostrea virginica* (Revised August | 441 | Aquaculture: Realities and Potentials | 469 | Fertilization of Fish Fry Ponds (April | 4705 | Amyloodinium ocellatum, an Important |
| 433 | 2001)  Biology and Culture of the Hard Clam | 442 | When Getting Started (November 1998) Small Scale, On-Farm Fish Processing | 470 | 1998)  Characterization and Management of |  | Parasite of Cultured Marine Fish (July 2012) |
| 435 | (*Mercenaria mercenaria)* (Revised August 2005)  Water Gardens (March 1999) | 451 | (November 1997)  Recirculating Aquaculture Tank Production Systems: An Overview of |  | Effluents from Aquaculture Ponds in the Southeastern United States (February 1999) | 4706  4707 | Mycobacterial Infections of Fish (November 2011)  Biosecurity in Aquaculture, Part 1: An |
| 436 | Bullfrog Culture (March 1999) |  | Critical Considerations (Revised | 471 | Fertilization of Fish Ponds (March 1999) |  | Overview (February 2012) |
| 437  439 | Production of Paddlefish (November 1999)  Pet Turtle Production (August 2000) | 452 | September 1998)  Recirculating Aquaculture Tank Production Systems: Management of | 4600 | [Toxicities of Agricultural Pesticides to](http://srac.tamu.edu/4600fs.pdf) [Selected Aquatic Organisms](http://srac.tamu.edu/4600fs.pdf) (January 2002) | 4708 | Biosecurity in Aquaculture, Part 2: Recirculating Aquaculture Systems (February 2012) |
|  |  |  | Recirculating Systems (Revised March |  |  |  |  |
|  |  |  | 1999) |  |  |  |  |

4709 Investigational New Animal Drug (INAD) Exemptions and the National INAD Program (NIP) (February 2012)

4710 Herpesvirus in Fish (May 2012)

4711 Prebiotics and Probiotics: Definitions and Applications (December 2012)

4712 Biosecurity in Aquaculture, Part 3: Ponds (December 2013)

480 Fee-Fishing Ponds: Management of Food Fish and Water Quality (December 1993)

481 Development and Management of Fishing Leases (June 1992)

482 Fee-Fishing: Location, Site Development and Other Considerations (August 1994)

483 Biology and Life History of Freshwater Prawns (July 1996)

484 Pond Production of the Freshwater Prawn in Temperate Climates (Revised July 2006)

4830 Economics of Freshwater Prawn Farming in the United States (November 2005)

4831 Post-Harvest Handling of Freshwater Prawns (May 2011)

501 You Can Do Catfish (November 1992) 501S. El bagre es delicioso y nutritive (April

1993)

4900 The HACCP Seafood Program and Aquaculture (February 2004)

4901 Biological Safety of Fresh and Processed Shellfish (April 2010)

4902 Shellfish Handling Practices – Shrimp and Molluscs (May 2010)

5000 Guidelines for Developing Aquaculture Research Verification Programs (November 2004)

5001 Basic Aquaculture Genetics (January 2010)

5002 Mycotoxins in Aquaculture Feeds (May 2010)

5003 Principles of Fish Nutrition (July 2010) 5004 Phytoplankton Culture for Aquaculture

Feed (September 2010)

5005 Aquaculture and the Lacey Act (May 2012)

5006 Economics of Aquaponics (July 2015) 5007 Principles of Small-Scale Aquaponics

(September 2015)

5008 Controlling the Greenhouse Environment for Aquaponics

5009 Greenhouse Crops and Cropping Systems for Commercial Aquaponics

5010 Building a Simple At-home Aquaponics System

5011 Vegetable Transplants in Aquaponic Systems

600 Characterization and Management of Effluents from Aquaculture Ponds in the Southeastern United States (July 1998)

601 Analysis of Regional and National Markets for Aquaculture Food Products in the Southern Region (November 1998)

6000 Effect of Nutrition on Body Composition and Subsequent Storage Quality of Farm- raised Channel Catfish (November 2001)

6001 Aquaculture Food Safety-Residues (April 2003)

6002 Verification of Recommended Management Practices for Major Aquaculture Species (July 2007)

6003 Optimizing Nutrient Utilization and Reducing Waste through Diet Composition and Feeding Strategies (December 2009)

6004 Management of Aquacultural Effluents from Ponds (February 2012)

700 Zooplankton Succession and Larval Fish Culture in Freshwater Ponds (July 1999)

701 Culture of Small Zooplankters for the Feeding of Larval Fish (October 2000)

702 *Artemia* Production for Marine Larval Fish Culture (October 2000)

721 Species Profile: Grouper Aquaculture (November 1999)

722 Species Profile: Largemouth Bass (January 2000)

723 Species Profile: Bigmouth Buffalo (June 2000)

724 Species Profile: Sunfish (August 2000) 725 Species Profile: Mutton Snapper (May

2001)

726 Species Profile: Southern Flounder (October 2000)

7200 Species Profile: Production of Sturgeon (November 2002)

7201 Species Profile: Koi and Goldfish (September 2004)

7202 Species Profile: Cobia (August 2005) 7203 Species Profile: Queen Conch,

*Strobmbus gigas* (October 2005)

7204 Species Profile: Yellow Perch, *Perca flavescens* (July 2006)

7205 Species Profile: Hybrid Sunfish (February 2007)

7206 Species Profile: Florida Pompano (December 2007)

7207 Species Profile: Black Sea Bass (October 2011)

7208 Species Profile: Atlantic Croaker (August 2011)

7209 Species Profile: Pigfish, *Orthopristis chrysoptera* (October 2011)

7210 Species Profile: Pinfish, *Lagodon rhomboids* (December 2011)

7211 Species Profile: Sea Urchins of the Southern Region (December 2013)

7212 Species Profile: Hybrid Crappie (June 2014)

7213 Species Profile: Clownfish

7300 Nutritional Benefits of Seafood (October 2012)

7301 Farm-Raised Crawfish (October 2012)

7302 Hybrid Striped Bass (May 2013)

7303 Freshwater Prawns (June 2013)

7304 Farm-Raised Channel Catfish (September 2013)

7405 Eastern Oysters (April 2015)

7406 Hard Clams (April 2015)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Many of the Southern Regional Aquaculture Center publications may be printed from: [https://srac.tamu.edu/index.cfm/event/viewAllS](https://srac.tamu.edu/index.cfm/event/viewAllSheets/) [heets/](https://srac.tamu.edu/index.cfm/event/viewAllSheets/)

# Center for Tropical and Subtropical Aquaculture

1. Development of Aquaculture in the Commonwealth of the Northern Mariana Islands: A Feasibility Study. (1990)
2. Recommendations for Establishing a Commercial Sponge Industry within the Region (1991)
3. The Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES): Proceedings of a Workshop Held for Those Involved in the Trade of Giant Clams. (1992)
4. A Review of U.S. Food and Drug Administration Requirements to Market

Giant Clam Meat in the United States of America. (1992)

1. Test Marketing of Giant Clams as Seafood and as Aquarium Specimens in Selected Markets (1992)
2. Hawaii Aquaculture Module Expert System (for DOS). (1992)
3. A Market Study of Specific Pathogen- Free Shrimp. (1992)
4. A Preliminary Business Opportunity Plan for Specific Pathogen-Free Shrimp Culture Facilities in Hawaii and Guam (1993)
5. Production Economics of Giant Clam (*Tridacna* spp.) Culture Systems in the US Affiliated Pacific Islands (1993)
6. Pacific Islands Gray Literature Project (1994)
7. A Bibliography on the Culture and Maintenance of Specific Pathogen-Free Organisms (1995)
8. Raising the Silver Arowana (*Osteoglossum bicirrhosum*) (1995)
9. Hawaii Aquaculture Module Expert System for Windows. This software can be downloaded from [(http://library.kcc.hawaii.edu/praise/hame s/index.html](http://library.kcc.hawaii.edu/praise/hames/index.html) ) (1995)
10. Hawaii Aquaculture Module Expert System for Macintosh Computers. This software can be downloaded from ([http://library.kcc.hawaii.edu/praise/hame s/index.html)](http://library.kcc.hawaii.edu/praise/hames/index.html). (1995)
11. Starting a Successful Aquaculture Sponge Farm. (1996)
12. Shrimp Diseases (1996)
13. Bacterial Diseases in Chinese Catfish (1996)
14. Tilapia (1996)
15. *Gracilaria* Gall Syndrome (1996)
16. Clams to Cash: How to Make and Sell Giant Clam Shell Products (1996)
17. Prevention of Black Gill Disease in Marine Shrimp. (1997)
18. The Basic Methods of Pearl Farming: A Layman’s Manual. (2002)
19. A Manual for Commercial Production of the Swordtail *Xiphophorus helleri* (2002)
20. A Manual for Commercial Production of the Tiger Barb *Capoeta tetrazona*, a Temporary Paired Tank Spawner. (1997)
21. Spawning and Early Larval Rearing of Giant Clams. (1998)
22. Shipping Practices in the Ornamental Fish Industry. (1999)
23. Enrichment of *Artemia* for use in Freshwater Ornamental Fish Production
24. Triploid Chinese Catfish (1998)
25. A Manual for Commercial Production of the Gourami, *Trichogaster trichopterus*, a Temporary Paired Spawner (1999)
26. Spawning the Tinfoil Barb, *Barbodes schwanenfeldi*, in Hawaii. (1999)
27. The Culture of Soft Corals *(Order: Alcyonacea)* for the Marine Aquarium Trade. (1999)
28. Spawning and Production of the Serpae Tetra, *Hyphessobrycon Serpae*. (1999)
29. Lagoon Farming of Giant Clams (*Bivalvia:Tridacnidae*). (1999)
30. Farming Soft Corals for the Marine Aquarium Trade. (1999)
31. Producing Pearls Using the Black-lip Pearl Oyster *(Pinctada margaritifera*. (1999)*)*
32. Spawning and Production of the Lemon Tetra *(Hyphessobrycon pulchripinnis).* (1999)
33. Nursery and Grow-out Techniques for Giant Clams *(Bivalvia: Tridacnidae).*
34. Overview of Aquaculture Environmental Permitting Issues in the Commonwealth of the Northern Mariana Islands. (2003)
35. Direct Marketing Hawaii’s Freshwater Ornamental Aquaculture Products (2005)
36. Feasibility of Direct Marketing Hawaii’s Cultured Freshwater Ornamentals. (2006)
37. Shrimp Partial Harvesting Model: Decision Support System User Manual. (2008)
38. Testing your Aquaponic System Water: A Comparison of Commercial Water Chemistry Methods (2011)
39. Make Your Own Tilapia Feed: A guide for farming families in American Samoa (2011)
40. Manufacturing Tilapia Feed: A Manual Using Local Feedstuff Resources for Fish Farming in American Samoa (2012)
41. A Quest to Understand Aquaculture
42. Francisellosis in Tilapia (2012)
43. Pacific Threadfin Polydactylus sexfilis (Moi) Hatchery Manual 2nd edition (2012)
44. CTSA Project Impacts – 1986-2013
45. How to Build and Operate a Simple Small-to-Large Scale Aquaponics System
46. Differences Between Cultured or Captured Kahala in Hawaii
47. Hatchery Manual for Sea Cucumber Aquaculture in the U.S. Affiliated Pacific Islands

GC3 Giant Clam Mariculture Information Sheet Number 3: Food and Drug Authority Ruling on Giant Clams.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Many of the Center for Tropical and Subtropical Aquaculture publications may

be printed from: [http://www.ctsa.org/index.php/publications/ctsa](http://www.ctsa.org/index.php/publications/ctsa_publications1)

[\_publications1](http://www.ctsa.org/index.php/publications/ctsa_publications1)

# Northeastern Regional Aquaculture Center

00-008 The effect of UV Irradiation on *Perkinsus marinus* and its potential use to reduce transmission via shellfish effluents

1. Planning for Success in Your Aquaculture Business. (2008)
2. Initial Questions the County Agent Can Ask the Prospective Fish Culturist (1992)
3. Freshwater Aquaculture Species for the Northeast (2008)
4. Marine Aquaculture Species for the Northeast (2008)
5. Aquaculture Systems for the Northeast (2008)
6. Environmental Effects of Shellfish Aquaculture in the Northeast (2008)
7. Fish Health Inspections: What They Are (2008)
8. Aquaculture Risk Management (2008) General Fish Health Management (1993) Processing and Marketing Aquacultured Fish (1992)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (2000)  144 Collecting Black-lip Pearl Oyster Spat. | | **CTSA Extension Fact Sheets** | | 111  140 |
|  | (2000) |  |  |  |
| 145 | Growout Techniques for the Pacific Threadfin *(Polydactylus sexfilis).* (2001) | FS1 | Importing Live Organisms to Hawaii: Procedures and Permitting (1993) | 160 |
| 146 | Economics of a Pacific Threadfin  *(Polydactylus sexfilis)* Hatchery in | FS2 | Abalone Culture in Hawaii: Importation, Quarantine and Seed Suppliers (1994) | 170 |
| Hawaii. (2001)   1. Recent Advances in Lagoon-based Farming Practices for Eight Species of Commercially Valuable Hard & Soft Corals. (2001) 2. Best Management Practices for Hawaiian Aquaculture. (2001) 3. Procedural Guide for the Artificial Insemination for the Lyretail Swordtail, *Xiphophorus helleri.* (2003) | | FS3 Abalone Culture in Hawaii: *Haliotis fulgens* and *Haliotis diversicolor supertexta.* (1994)  GC1 Giant Clam Mariculture Information Sheet Number 1: Giant Clam Activities in the South Pacific  GC2 Giant Clam Mariculture Information Sheet Number 2: CITES Requirements for the Export of Giant Clams | | 180  200  201  201 |

Growing Microalgae to Feed Bivalve Larvae (1993)

An Introduction to Water Chemistry in Freshwater Aquaculture (1993)

Major Predators of Cultured Shellfish (1993)

History and Impact of MSX and Dermo- Diseases on Oyster Stocks in the Northeastern Region (1993)

Fish Diseases: Viral Hemorrhagic Septicemia (2009)

Softshell Clam Culture: Basic Biology and General Culture Considerations (2010)

202 Fish Diseases: Mycobacteriosis of Fish (2009)

1. Softshell Clam Culture: Hatchery Phase, Broodstock Care through Seed Production (2010)
2. Fish Diseases: Spring Viremia of Carp (2009)
3. Softshell Clam Culture: Nursery and Growout Phases through Harvest (2010)
4. Lipid Enrichment of Eastern Oyster Broodstock Using Commercially Available Emulsions (2010)
5. Small Scale Marketing Opportunities for Aquaculture Products in the Northeast (2010)
6. Cross-Breeding for Improved Growth and Disease Resistance in the Eastern Oyster (2010)
7. Cooperatives in Aquaculture (2010)
8. Biosecurity on the Farm – Guidelines & Resources for Developing a Biosecurity Plan (2010)
9. Harmful Algae and Marine Aquaculture in the Northeastern United States (2010)
10. Genetic Improvement of the Eastern Oyster for Growth and Disease Resistance in the Northeast (1993)
11. Cultured Mussels of the Northeast (2010)
12. Mussel Aquaculture in the Northeast (2010)
13. Shellfish Upweller Silo Construction:101 (2010)
14. Biology of the Bay Scallop (2010)
15. Hatchery Culture of the Bay Scallop (2010)
16. Nursery Culture of the Bay Scallop (2010)
17. Grow-out Culture of the Bay Scallop (2010)
18. Biology of the Atlantic Jacknife (Razor) Clam (*Ensis directus* Conrad, 1843) (2010)
19. An Overview of Baitfish Aquaculture in the Northeast (2010)
20. Dead and Dying Shellfish: What to Do? (2013)
21. Fish Counting & Measurement *in Situ*: A Technology Assessment (1993)
22. Evaluation of Artificial Diets for Cultured Fish (1994)

|  |  |  |  |
| --- | --- | --- | --- |
| 223 | How to Grow White Worms (2017) | * Measurement of the Innate Cellular | Biosecurity in Aquaculture: Practical Steps for |
| 224 | White Worms: A Low Cost Live Feed for | Immune responses of Hybrid Striped | Healthy Fish…………………..…... 15:38 |
|  | the Ornamental Industry | Bass and Rainbow Trout | Safety for Fish Farm Workers SRAC |
| 300 | State Policies for Aquaculture Effluents | * Measurement of Rainbow Trout and | **For more information or to order see:** |
| and Solid Wastes in the Northeast Region  (1995)  Situation and Outlook Reports   1. Aquaculture Situation and Outlook Report 2009: Delaware (2009) 2. Aquaculture Situation and Outlook Report 2009: Massachusetts (2009) 3. Aquaculture Situation and Outlook Report 2009: Maryland (2009) 4. Aquaculture Situation and Outlook Report 2009: Maine (2009) 5. Aquaculture Situation and Outlook Report 2009: New Hampshire (2009) 6. Aquaculture Situation and Outlook Report 2009: New Jersey (2009) 7. Aquaculture Situation and Outlook Report 2009: New York (2009) 8. Aquaculture Situation and Outlook Report 2009: Pennsylvania (2009) 9. Aquaculture Situation and Outlook Report 2009: Rhode Island (2009) 10. Aquaculture Situation and Outlook Report 2009: Vermont (2097) 11. Aquaculture Situation and Outlook Report 2010: West Virginia (2010) 12. Aquaculture Situation and Outlook Report 2009: Connecticut (2009)   \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Many of the Northeastern Region Aquaculture Center publications may be printed from:  <http://www.nrac.umd.edu/publications/>  **Western Regional Aquaculture Center**   1. Pond Fertilization: Initiating an Algal Bloom (February 2000) 2. Phytoplankton and Recreational Ponds (May 2001) 3. Settling Basin Design (June 2001) Bacterial Coldwater Disease (March 2004)   WRAC Publications 2009 | | Hybrid Striped Bass Antibody Using an Enzyme-Linked Immunosorbent Assay (ELISA)   * Testing of Novel Mass Delivery Methods for Fish Vaccines   WRAC Publications 2011  About Viral Hemorrhagic Septicemia (VHS) Virus: Potential threat of Great Lakes VHS in the Western United States  Low-Phosphorus Feeds Development Impact Statement  **Print publication as pdf from website below:** [http://www.fish.washington.edu/wrac/annualrpt.](http://www.fish.washington.edu/wrac/annualrpt.html) [html](http://www.fish.washington.edu/wrac/annualrpt.html)  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Many of the Western Regional Aquaculture Center publications may be printed from: <http://www.fish.washington.edu/wrac/annualrpt.html>  **Publications from Other Areas**   * USDA – A Quick Reference Guide to FDA-Approved Drugs for Use in Aquaculture   **Available to order or print from online at:** [http://www.fws.gov/fisheries/aadap/Poster\_intr](http://www.fws.gov/fisheries/aadap/Poster_introduction.htm) [oduction.htm](http://www.fws.gov/fisheries/aadap/Poster_introduction.htm)  **Educational Video Tapes**  **Northeastern Regional Aquaculture Center**  **Videos (VHS format)**  NRAC Farming the Waters 30:00  **Videos (DVD format)**  Faces of Aquaculture 30:00  Northeastern Regional Aquaculture Research Database 2004  **Other Videos**  Aquaculture – Films for the Humanities & Sciences 26:00 | [http://www.nrac.umd.edu/publications/multime](http://www.nrac.umd.edu/publications/multimedia.cfm)  [dia.cfm](http://www.nrac.umd.edu/publications/multimedia.cfm)  **Southern Regional Aquaculture Center** DVD01 Catfish Farming in the South DVD02 Red Drum Aquaculture  DVD03 Crawfish Aquaculture in the South DVD04 Alligator Aquaculture in the South DVD05 Trout Production in the South DVD06 Southern Hybrid Striped Bass DVD07 Water Quality Dynamics  DVD08 Procedures for Water Quality Mgmt DVD09 Introduction to Water Quality Testing DVD10 Induced Spawning of Fish  DVD11 Avian Depredation of Southern Aquaculture  DVD12 Warmwater Finfish – Harvesting, Handling, and Transport  DVD13 Channel Catfish Spawning & Hatchery Management  DVD15 Aquaculture Processing Safety & Quality  DVD18 Shrimp Farming  DVD19 Baitfish Culture in the South DVD20 Freshwater Prawn Production  **Website for more information or to order:**  <http://www.msstate.edu/dept/srac/index.htm> |

**New RAC Publications**

SRAC — 703 Introduction of Marine Copepod Culture for Live Feeds Production (2019)

­— 2602 Indoor Marine Shrimp Farming (2019)

* 4312 Preventing Escape From Aquaculture Operations (2018)

CTSA — 164 Producing Polyploid Pacific Oysters (*Crassostrea gigas* Thunberg): The story of a private-public partnership to improve Pacific Oyster seed quality and availability (2019)

* 165 1Leopard Coral Grouper, *Plectropomus leopardus*, Hatchery Manual (2019)