IV. TERMINATION REPORTS

A. EDUCATIONAL MATERIALS FOR AQUACULTURISTS AND CONSUMERS

Termination Report for the period May 1, 1991 to August 31, 1994

FUNDING LEVEL:

Year 1 ................................................... $ 39,642
Year 2 ................................................... $ 59,000
Year 3 ................................................... $ 34,500
Total .................................................... $133,142

PARTICIPANTS:

Texas Agricultural Extension Service (Lead Institution) - James T. Davis, Guy Fipps, Billy Higginbotham, Katheleen Ladewig, Bruce Lesikar, Joe T. Lock, Senae Schaer, Edna Smith, Greg Clary, Donna Logan

Texas Agricultural Experiment Station - Delbert Gatlin

Louisiana Cooperative Extension Service - Fred E. Baker, Larry de la Bretonne, Michael Moody, David Bankston, Wendell Lorio, Jimmy Avery, Greg Lutz

Oklahoma Cooperative Extension Service - Marley Beem

Mississippi Cooperative Extension Service - Martin Brunson

University of Florida - Charles Cichra, Frank Chapman, Ruth Francis-Floyd, Roger Rottman, Jerome Shireman, P. A. Reed

Ekk Will Tropical Fish Farm (Florida) - Tim Hennessey

Tennessee Cooperative Extension Service - Thomas K. Hill

North Carolina Cooperative Extension Service - Jeffrey Hinshaw, Tom Losordo

Alabama Cooperative Extension Service - John Jensen, Mike Masser

Georgia Cooperative Extension Service - George Lewis, George A. Schuler, Ronnie Gilbert, Robert Tyson, P. T. Tybor

Virgin Islands Agriculture Experiment Station - James Rakocy

Mississippi Agriculture & Forestry Experiment Station - Craig Tucker, Martine van der Ploeg, David Crosby

South Carolina Cooperative Extension Service - Jack Whetstone

ADMINISTRATIVE ADVISOR:

Milo J. Shult
Vice President for Agriculture
University of Arkansas
Little Rock, Arkansas

PROJECT OBJECTIVES:

1. Prepare and distribute publications needed by production aquaculturists to keep abreast of the latest research and development information available.

2. Prepare and distribute processing and marketing information that will enhance the market for aquacultural commodities.
3. Prepare and distribute information for retailers and consumers which will enhance the sales of fish and shellfish products grown by aquaculturists.

REASON FOR TERMINATION:

Completion of objectives.

ANTICIPATED BENEFITS:

The SRAC fact sheets have become the standard for practical aquaculture publications in the United States. They are also in wide demand throughout the world. This is a direct measure of their acceptability and usefulness to producers and scientists. The numbers that have been distributed exceed 200,000 to date. A sample of County Extension Agents in three states indicates that most producers utilize the materials on a regular basis.

PRINCIPAL ACCOMPLISHMENTS:

Preparing, editing, reproducing and distributing 41 fact sheets and four videos during the period of the project to date.

IMPACTS:

- Many individuals request SRAC materials to obtain information relative to beginning some type of aquaculture endeavor. After learning about the challenges and work involved, at least 80 percent of the people requesting information decide not to pursue such an endeavor. Estimated average savings of expenses and lost investments are approximately $30,000 per inquiry.

- Aquaculture producers looking for an alternate crop have been able to assess the market and the requirements of another species. They can then decide, based on scientific studies, whether their installation would meet the animal’s requirements.

RECOMMENDED FOLLOW-UP ACTIONS:

Between this project and a previous one there have been over 100 fact sheets and 15 videos completed. These need to be placed in a readily available computer-integrated library. The format must be of the maximum benefit to both producers and research scientists.

There are still several areas that have not been addressed in the publications to date. These should be carefully considered and those with the widest expected usage should be prepared and distributed.

A better method needs to be established to move research information gathered by other SRAC projects into the public sector. This may involve a single location to be responsible for preparation and distribution of these publications.

PUBLICATIONS:

Beem, Marley. 1991. Aquaculture: Realities and potentials when getting started. (SRAC No. 441)

Brunson, Martin W., C. Greg Lutz and Robert M. Durborow. 1994. Algae blooms in commercial fish production ponds. (SRAC No. 466)


Ladewig, Katheleen F. and Donna W. Logan. 1993. You can do catfish (SRAC No. 501)


Masser, Michael P. and John W. Jensen. 1991. Calculating treatments for ponds and tanks. (SRAC No. 410)


Schuler, George A. and P. T. Tybor. 1993. Developing a HACCP program for the catfish industry. (SRAC No. 490)

Tucker, Craig S. 1991. Water quantity and quality requirements for channel catfish hatcheries. (SRAC No. 461)

van der Ploeg, Martine. 1991. Testing flavor quality of preharvest channel catfish. (SRAC No. 431)


VIDEOS:

Davis, James T. Channel catfish spawning and hatchery management.

Ladewig, Katheleen. Can do catfish.

Ladewig, Katheleen. Crawfish: Always in great taste!

Ladewig, Katheleen. Rainbow trout.

Moody, Michael. Aquaculture processing safety and quality.

MANUSCRIPTS BEING REVIEWED:


Bankston, J. David, Jr. and Fred Eugene Baker. Selecting the proper pump.


Bankston, J. David, Jr. and Fred Eugene Baker. Piping systems.

Cichra, Charles E., Michael P. Masser and Ronnie J. Gilbert. Fee Fishing: An introduction (SRAC No. 479)

Cichra, C. E., M. P. Masser and Ronnie J. Gilbert. Fee-fishing: Location, site development and other considerations. (SRAC No. 482)

Ladewig, Katheleen F. Rainbow trout.

Lorio, Wendell J. and Sandra Malone. Hard clam culture (Mercenaria mercenaria)

Lorio, Wendell J. and Sandra Malone. The cultivation of American oyster (Crassostrea virginica)

OTHER SOURCES OF SUPPORT:

Alabama Cooperative Extension Service
University of Arkansas
University of Florida
University of Georgia
Kentucky State University
Louisiana Cooperative Extension Service
Mississippi Agricultural & Forestry Experiment Station
Mississippi Cooperative Extension Service
North Carolina Cooperative Extension Service
Oklahoma Cooperative Extension Service
South Carolina Cooperative Extension Service
Tennessee Cooperative Extension Service
Texas Agricultural Extension Service
Virgin Islands Agricultural Experiment Station
### SUPPORT:

<table>
<thead>
<tr>
<th>YEAR</th>
<th>SRAC FUNDING</th>
<th>UNIVERSITY</th>
<th>INDUSTRY</th>
<th>OTHER FEDERAL</th>
<th>OTHER</th>
<th>TOTAL OTHER SUPPORT</th>
<th>TOTAL SRAC+ OTHER SUPPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>39,642</td>
<td>75,631</td>
<td></td>
<td></td>
<td></td>
<td>75,631</td>
<td>115,273</td>
</tr>
<tr>
<td>2</td>
<td>59,000</td>
<td>63,169</td>
<td></td>
<td></td>
<td></td>
<td>69,169</td>
<td>122,169</td>
</tr>
<tr>
<td>3</td>
<td>34,500</td>
<td>32,250</td>
<td></td>
<td></td>
<td></td>
<td>32,250</td>
<td>66,750</td>
</tr>
<tr>
<td>Total</td>
<td>133,142</td>
<td>171,050</td>
<td></td>
<td></td>
<td></td>
<td>171,050</td>
<td>304,192</td>
</tr>
</tbody>
</table>