

**HYBRID STRIPED BASS WORKSHOP AND VIDEO**

**LEAD INSTITUTION:** Iowa State University

**PRINCIPAL INVESTIGATOR:** Joseph E. Morris

**FUNDING REQUEST:** \$15,000

This request is for support for a North Central Regional hybrid striped bass workshop and video.

**BACKGROUND AND JUSTIFICATION**

The five Hybrid Striped Bass projects funded by the North Central Regional Aquaculture Center (NCRAC) have developed considerable technological information to advance the culture of this important food fish. Results from these NCRAC-funded projects have been disseminated in peer-reviewed publications, NCRAC Annual Progress Reports, a fact sheet, two workshops, and numerous presentations at regional, national, and international aquaculture meetings. To more fully disseminate this information to North Central Regional producers, the NCRAC Board of Directors requested that a producer-oriented workshop be conducted in a centralized location in the region. In addition, it was also recommended that a video be developed that describes the general culture of hybrid striped bass while highlighting the advances made as a result of NCRAC-funded projects.

**ANTICIPATED BENEFITS**

Since 1989, the Southern Regional Aquaculture Center (SRAC) has produced numerous fact sheets and at least three video tapes on various aspects of hybrid striped bass culture in the southern region. Related materials have also been produced by Cooperative Extension Services and Sea Grant from southern and Atlantic coast states. However, to our knowledge, little if any research-based techniques have been used to produce outreach materials on the applied reproductive biology of white bass, the artificial propagation of the reciprocal cross hybrid striped bass in the North Central Region (NCR), or the preservation and transport of viable striped bass or white bass semen. This workshop and video will serve to fill this void in information needed by the aquaculture industry of the NCR.

**WORKSHOP**

A 1-day workshop on hybrid striped bass aquaculture will be conducted for producers in the NCR. The workshop will focus on presenting technologies developed through NCRAC-funded projects over the past decade. The general methods used for culturing this important food fish will be fully covered. The workshop will be held in St. Louis, Missouri at a hotel near the airport to facilitate travel within the region. To lessen conflicts with fish farm activities, the workshop will be held in early spring or late fall in the year 2000. Speakers will include selected members of past NCRAC Hybrid Striped Bass Work Groups, as well as one or more guest speakers from the private sector. Workshop registrants will receive information packets covering important details of hybrid striped bass culture. To obtain the greatest number of conference attendees, a workshop brochure will be developed, advertised and distributed throughout the NCR using existing extension and research networks.

**VIDEO**

A video will be produced using a combination of computer software, slides, and moving-video footage. A video capture card with editor will be employed to incorporate moving images into a Microsoft® PowerPoint

presentation. A digital camera will be used to allow for high-quality slide presentation. The video will cover the basic aspects of hybrid striped bass production. Advances made by the various NCRAC Hybrid Striped Bass Work Groups will be highlighted.

**BUDGET**

This request is for \$15,000: \$10,000 for the 1-day workshop and \$5,000 for the video. See the completed Form CSREES-55 which follows showing the breakdown for the \$15,000 and budget narrative on page 4.

**PRINCIPAL INVESTIGATOR**

Dr. Joseph E. Morris, chair of NCRAC's current Extension Project and Associate Director for Publications and Extension Programs, will serve as the Principal Investigator of this activity. He will work with Dr. Christopher C. Kohler of Southern Illinois University-Carbondale (SIUC) and others at SIUC in regard to the workshop and video.

UNITED STATES DEPARTMENT OF AGRICULTURE  
 COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE  
**BUDGET**

OMB Approved 0524-0022  
 Expires 5/31/98

<b>ORGANIZATION AND ADDRESS</b> Department of Animal Ecology Iowa State University Ames, IA 50011-3221			<b>USDA AWARD NO.</b>			
			Duration Proposed Months: <u>12</u>	Duration Awarded Months: _____		
<b>PRINCIPAL INVESTIGATOR(S)/PROJECT DIRECTOR(S)</b> Joseph E. Morris			<b>FUNDS REQUESTED by PROPOSER</b>		<b>FUNDS APPROVED BY CSREES (If Different)</b>	
<b>A. Salaries and Wages</b> 1. No. of Senior Personnel			<b>CSREES FUNDED WORK MONTHS</b>			\$
			Calendar	Academic	Summer	
a. ___ (Co)-PI(s)/PD(s) . . . . .						
b. ___ Senior Associates . . . . .						
2. No. of Other Personnel (Non-Faculty)						
a. ___ Research Associates-Postdoctorates . . . . .						
b. ___ Other Professional . . . . .						
c. ___ Graduate Students . . . . .						
d. ___ Prebaccalaureate Students . . . . .						\$1,000
e. ___ Secretarial-Clerical . . . . .						
f. ___ Technical, Shop and Other . . . . .						\$1,000
<b>Total Salaries and Wages</b> . . . . . →						\$2,000
B. Fringe Benefits (If charged as Direct Costs)						
C. <b>Total Salaries, Wages, and Fringe Benefits</b> (A plus B) . . . . . →						\$2,000
D. Nonexpendable Equipment (Attach supporting data. List items and dollar amounts for each item.)						
E. Materials and Supplies						\$1,900
F. Travel						\$3,600
1. Domestic (Including Canada) . . . . .						
2. Foreign (List destination and amount for each trip.)						
G. Publication Costs/Page Charges						
H. Computer (ADPE) Costs						
I. All Other Direct Costs (Attach supporting data. List items and dollar amounts. Details of Subcontracts, including work statements and budget, should be explained in full in proposal.) See Budget Narrative.						\$7,500
J. <b>Total Direct Costs</b> (C through I) . . . . . →						\$15,000
K. <b>Indirect Costs If Applicable</b> (Specify rate(s) and base(s) for on/off campus activity. Where both are involved, identify itemized costs in on/off campus bases.)						
L. <b>Total Direct and Indirect Costs</b> (J plus K) . . . . . →						\$15,000
M. <b>Other</b> . . . . . →						
N. <b>Total Amount of This Request</b> . . . . . →						\$15,000
O. <b>Cost Sharing</b> (If Required Provide Details)						\$
<b>NOTE:</b> Signatures required only for Revised Budget <span style="float: right;">This is Revision No. →</span>						
<b>NAME AND TITLE</b> (Type or print)			<b>SIGNATURE</b>			<b>DATE</b>
Principal Investigator/Project Director						
Authorized Organizational Representative						

## BUDGET NARRATIVE

### *WORKSHOP*

- A. Salaries and Wages.** Used for technical assistance (67 hrs @ \$15/hr) to collect information about the workshop; develop the workshop brochure; produce workshop proceedings; and to assist during the actual workshop.
- E. Materials and Supplies.** These funds (\$400) would be used for name badges, notebooks, and miscellaneous office supplies.
- F. Travel.** Speakers' travel, lodging, and per diem. Nine speakers at \$400 per person (\$275 for travel costs, \$87 for lodging, and \$38 per diem for food).
- I. All Other Direct Costs.** Honorarium for two non-NCRAC speakers (\$500), rooms for workshop and multi-media equipment rental (\$3,000), advertising (\$500), brochures (\$250), postage (\$250), and telephone and fax charges (\$500)

### *VIDEO*

- A. Salaries and Wages.** Used for a student assistant (100 hrs @ \$10/hr) to collect production footage needed for the video.
- E. Materials and Supplies.** A digital camera (\$1,000) and a VCR (\$300) will be used in developing the video and \$200 will be used for film, video cartridges, and other miscellaneous supplies.
- I. All Other Direct Costs.** Contractual costs with SIUC Radio and Television Department for video editing and voice over (\$2,000); video capture card with editor (\$300); film processing and graphics (\$200).