

Aquaculture Health

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Aquaculture Health

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
311	Animal Diseases	35%		35%	
312	External Parasites and Pests of Animals	15%		15%	
313	Internal Parasites in Animals	15%		15%	
315	Animal Welfare/Well-Being and Protection	35%		35%	
	Total	100%		100%	

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	1.5	0.0	0.0	0.0
Actual	0.8	0.0	0.1	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c 19334	1890 Extension 0	Hatch 4688	Evans-Allen 0
1862 Matching 19334	1890 Matching 0	1862 Matching 7760	1890 Matching 0
1862 All Other 0	1890 All Other 0	1862 All Other 391683	1890 All Other 0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Develop diagnostic tools to detect and monitor diseases in commercially raised channel catfish and determine virulence factors associated with those diseases.

Develop fish health management procedures to control economically important diseases of channel catfish.

Determine factors associated with emerging diseases in pond-raised channel catfish.

Use epidemiological methods to investigate new and emerging diseases, and to identify environmental and management factors that influence the onset and severity of disease outbreaks.

Researchers will develop referred journal articles and give scientific presentations at professional societies and at producer meetings.

Extension specialists will conduct workshops and seminar programs. Extension publications and newsletters will aid in transferring new knowledge to producers. Farm visits will help producers adapt new procedures on farms.

2. Brief description of the target audience

The target audience for this program is producers of catfish, crayfish, and freshwater prawns and related industry personnel.

V(E). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	2222	555	0	0
2008	2391	640	0	0

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year	Target
Plan:	0
2008:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	1	0	
2008	1	0	1

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Number of producers attending seminars, workshops, short courses, and demonstrations.

Year	Target	Actual
2008	370	505

Output #2

Output Measure

Numbers of articles/abstracts in journals, proceedings and edited books.

Not reporting on this Output in this Annual Report

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of producers adopting new technologies, strategies, or systems.
2	Number of producers improving fish health management production efficiency.

Outcome #1

1. Outcome Measures

Not reporting on this Outcome for this Annual Report

2. Associated Institution Types

3a. Outcome Type:

3b. Quantitative Outcome

Year	Quantitative Target	Actual
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Government Regulations

Competing Programmatic Challenges

Brief Explanation

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Retrospective (post program)

Case Study

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}