

Improving Disease Status for Baitfish Production and Marketing

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Improving Disease Status for Baitfish Production and Marketing

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		50%		50%
312	External Parasites and Pests of Animals		25%		25%
313	Internal Parasites in Animals		25%		25%
	Total		100%		100%

V(C). Planned Program (Inputs)

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	1.2	0.0	0.3
Actual	0.0	1.1	0.0	0.3

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

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
	111574	0	85398
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	46276	0	95421
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Research will be conducted to

- Improve diagnostic tests for important pathogens (viral, parasitic, and bacterial)
- Improve understanding of the epidemiology of important pathogens
- Discover new pathogens responsible for fish losses
- Improve methods to eradicate pathogens from afflicted farms.

2. Brief description of the target audience

Commercial baitfish producers.

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	40	60	0	0
2007	445	706	0	0

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

Patent Applications Submitted

Year Target

Plan: 0

2007: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	0	12	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Number of publications

Year	Target	Actual
2007	9	12

Output #2

Output Measure

Number of presentations

Year	Target	Actual
2007	3	27

Output #3

Output Measure

Number of experiments and field trials of treatments for fish parasite and parasite vectors conducted on farms

Year	Target	Actual
2007	4	3

V(G). State Defined Outcomes

O No.	Outcome Name
1	Percent of Arkansas bait and ornamental fish production farms participating in the State certification program
2	Number of farms that have attempted eradication procedures

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

Other (Statutory changes in state, federal, and international fish health regulations)

Brief Explanation

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

1. Evaluation Studies Planned

Before-After (before and after program)

During (during program)

Evaluation Results

Key Items of Evaluation