

Aquaculture Alternatives in Arkansas

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Aquaculture Alternatives in Arkansas

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
302	Nutrient Utilization in Animals		10%		10%
307	Animal Management Systems		50%		50%
308	Improved Animal Products (Before Harvest)		10%		10%
311	Animal Diseases		10%		10%
602	Business Management, Finance, and Taxation		10%		10%
603	Market Economics		10%		10%
	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	1.3	0.0	0.8
Actual	0.0	1.2	0.0	0.8

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

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	97794	0	102214
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	88830	0	131545
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

Compile existing information on alternative aquaculture crops, budgets and markets for those crops. Disseminate the information through newsletters, fact sheets, presentations, and individual contacts. Year 1. Fact sheet on aquaculture alternatives. Field day poster presentation on alternative species. Year 2. Update fact sheet on small scale catfish production. Revise fact sheet on baiffish budgets. Year 3. Revise fact sheet on holding fish for sale. Year 4. Revise fact sheet on using existing ponds for fish production. Year 5. Revise fact sheet on cleaning fish for sale.

2. Brief description of the target audience

County Extension faculty, existing fish farmers and potential farmers.

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	60	350	0	0
2007	418	2240	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	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Number of Peer Reviewed Journal Articles

Year	Target	Actual
2007	2	6

Output #2

Output Measure

Number of publications

Year	Target	Actual
2007	2	6

Output #3

Output Measure

Number of Presentations

Year	Target	Actual
2007	4	14

Output #4

Output Measure

Number of Published Abstracts

Year	Target	Actual
2007	3	12

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of Arkansans gaining access to needed information
2	Number of Arkansans adopting sound management practices
3	Number of Arkansans Increasing Efficiency, and Profitability
4	Number of researchers and producers gaining knowledge from results from presentations and publications
5	Number of researchers that will cite results
6	Number of producers that will modify feeding and management
7	Percent decrease in cool weather mortalities and decrease in off-flavor
8	Percent of cool weather plankton-related problems that will decrease
9	Percent of warm weather plankton-related problems that will decrease
10	Number of producers willing to test successful ingredients or feeding strategies on a commercial scale
11	Percent of diets with new ingredients that are commercially available, or number of new feeding strategies implemented by industry

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

Natural Disasters (drought, weather extremes, etc.)

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