

Aquaculture Production

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Aquaculture Production

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	50%		50%	
306	Environmental Stress in Animals	15%		15%	
307	Animal Management Systems	10%		10%	
308	Improved Animal Products (Before Harvest)	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	2.0	0.7	0.0	0.0
Actual	2.4	0.0	18.7	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 68202	1890 Extension	Hatch 55749	Evans-Allen 0
1862 Matching 68202	1890 Matching 0	1862 Matching 221495	1890 Matching 0
1862 All Other 0	1890 All Other 0	1862 All Other 3866085	1890 All Other 0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Developed feeds and feeding practices for optimal nutrition, increased production, and improved water quality of pond-raised catfish.

Increased the reliability, efficiency, and cost-effectiveness of catfish fry production through the use of new and improved technologies.

Applied engineering approaches to design new or modified harvesting equipment.

Increased reliability, efficiency, and cost-effectiveness of catfish production through the use of new and improved culture system technologies.

Developed referred journal articles and give scientific presentations at professional societies and at producer meetings.

Extension specialists conducted workshops and seminar programs. Extension publications and newsletters aided in transferring new knowledge to producers. Farm visits helped producers adapt new procedures on farms.

2. Brief description of the target audience

The target audience for this program includes 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	2716	679	0	0
2007	1751	4211	0	0

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

Patent Applications Submitted

Year	Target
Plan:	1
2007:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	2	12	14

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

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

Year	Target	Actual
2007	453	994

Output #2

Output Measure

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

Year	Target	Actual
2007	10	46

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of producers adopting new technologies, strategies, or systems.
2	Number of producers improving production efficiency.
3	Number of producers improving their environmental stewardship.

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

Economy

Public Policy changes

Brief Explanation

The number of extension direct contacts was overestimated in the plan. Extension agents and specialists are using more technology-based methods, thereby demonstrating an increase in indirect contacts and a decrease in direct contacts. This has been addressed in the 2009-2013 plan of work.

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

1. Evaluation Studies Planned

Retrospective (post program)

Before-After (before and after program)

Time series (multiple points before and after program)

Case Study

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}