V(A). Planned Program (Summary)

Program # 19

1. Name of the Planned Program

Improving Management Techniques for Baitfish

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

<table>
<thead>
<tr>
<th>KA Code</th>
<th>Knowledge Area</th>
<th>%1862 Extension</th>
<th>%1890 Extension</th>
<th>%1862 Research</th>
<th>%1890 Research</th>
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<tbody>
<tr>
<td>302</td>
<td>Nutrient Utilization in Animals</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>307</td>
<td>Animal Management Systems</td>
<td></td>
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<tr>
<td>308</td>
<td>Improved Animal Products (Before Harvest)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td></td>
<td></td>
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</table>

V(C). Planned Program (Inputs)

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

<table>
<thead>
<tr>
<th>Year: 2009</th>
<th>Extension</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1862</td>
<td>1890</td>
</tr>
<tr>
<td>Plan</td>
<td>0.0</td>
<td>0.5</td>
</tr>
<tr>
<td>Actual</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
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</table>

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

V(D). Planned Program (Activity)

1. Brief description of the Activity

A series of studies are being conducted on the components of an egg collection, removal and incubation system, and on new feed ingredients and strategies for feeding baitfish.

2. Brief description of the target audience

Commercial baitfish producers

V(E). Planned Program (Outputs)

1. Standard output measures
### 2009 University of Arkansas at Pine Bluff Combined Research and Extension Annual Report of Accomplishments and Results - Improving Management Techniques for Baitfish

#### Direct Contacts

- **Youth**
- **Adults**

#### Indirect Contacts

- **Youth**
- **Adults**

<table>
<thead>
<tr>
<th>Year</th>
<th>Direct Contacts Adults</th>
<th>Indirect Contacts Adults</th>
<th>Direct Contacts Youth</th>
<th>Indirect Contacts Youth</th>
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</thead>
<tbody>
<tr>
<td>Plan</td>
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<td>80</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Actual</td>
<td>0</td>
<td>0</td>
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</table>

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

**Patent Applications Submitted**

- **Year:** 2009
- **Plan:** 0
- **Actual:** {No Data Entered}

**Patents listed**

{No Data Entered}

#### 3. Publications (Standard General Output Measure)

**Number of Peer Reviewed Publications**

<table>
<thead>
<tr>
<th>Year</th>
<th>Extension</th>
<th>Research</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Actual</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
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</table>

**V(F). State Defined Outputs**

**Output Target**

- **Output #1**
  - **Output Measure**
    - Number of Peer Reviewed Journal Articles
      - Not reporting on this Output for this Annual Report

- **Output #2**
  - **Output Measure**
    - Number of Abstracts
      - Not reporting on this Output for this Annual Report

- **Output #3**
  - **Output Measure**
    - Number of Articles in Producer Trade Magazines
      - Not reporting on this Output for this Annual Report

- **Output #4**
  - **Output Measure**
    - Number of Fact Sheets and Newsletters
      - Not reporting on this Output for this Annual Report

- **Output #5**
  - **Output Measure**
    - Number of Presentations
      - Not reporting on this Output for this Annual Report

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V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

<table>
<thead>
<tr>
<th>O. No.</th>
<th>OUTCOME NAME</th>
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<tbody>
<tr>
<td>1</td>
<td>Number of producers who learn project results</td>
</tr>
<tr>
<td>2</td>
<td>Number of producers willing to test successful ingredients or feeding strategies on a commercial scale</td>
</tr>
<tr>
<td>3</td>
<td>Percent of baitfish producers (by acreage) adopting diets with new ingredients that are commercially available, or number of new feeding strategies implemented by industry</td>
</tr>
</tbody>
</table>
Outcome #1

1. Outcome Measures

Number of producers who learn project results

Not Reporting on this Outcome Measure

Outcome #2

1. Outcome Measures

Number of producers willing to test successful ingredients or feeding strategies on a commercial scale

Not Reporting on this Outcome Measure

Outcome #3

1. Outcome Measures

Percent of baitfish producers (by acreage) adopting diets with new ingredients that are commercially available, or number of new feeding strategies implemented by industry

Not Reporting on this Outcome Measure

V(H). Planned Program (External Factors)

External factors which affected outcomes

● Other (changing prices of feed ingredients)

Brief Explanation

(No Data Entered)

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

1. Evaluation Studies Planned

● Before-After (before and after program)
● During (during program)

Evaluation Results

(No Data Entered)

Key Items of Evaluation

(No Data Entered)