V(A). Planned Program (Summary)

Program # 26

1. Name of the Planned Program

Managing Small Impoundments for Recreational Fishing

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>
</tr>
</thead>
<tbody>
<tr>
<td>134</td>
<td>Outdoor Recreation</td>
<td></td>
<td></td>
<td></td>
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<td>307</td>
<td>Animal Management Systems</td>
<td></td>
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</tr>
<tr>
<td>806</td>
<td>Youth Development</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Total</td>
<td></td>
<td></td>
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</tr>
</tbody>
</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>0.4</td>
</tr>
<tr>
<td>Actual</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
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</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Extension</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smith-Lever 3b &amp; 3c</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>1890 Extension</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>Hatch</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>Evans-Allen</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>1862 Matching</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>1890 Matching</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>1862 All Other</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>1890 All Other</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
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</tbody>
</table>

V(D). Planned Program (Activity)

1. Brief description of the Activity

Disseminate existing information through mass media, fact sheets, direct electronic communications, group presentations, and individual contacts with clientele.

Research Activities include:
- Assessment of HSB requirements for water hardness in Arkansas farm ponds based on survival post-stocking using cage studies
- HSB prey selection and competition with largemouth bass
- Growth and condition of HSB under different prey communities
- Influence of HSB on prey communities at two stocking densities.

Extension Activities include:
- Produce recommendations for using HSB in ponds
- Evaluation of the Community Fishing Program (FCFP)
- Evaluation of the Fishing Derby Program (FDP)
- Evaluation of the Hooked on Fishing not on Drugs Program (HOFNOD)
- HOFNOD teacher workshops

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2009 University of Arkansas at Pine Bluff Combined Research and Extension Annual Report of Accomplishments and Results - Managing Small Impoundments for Recreational Fishing

- AGFC training
- Assist in AGFC with instructional activities and evaluation design
- Organize and conduct Urban Fishing Symposium

2. Brief description of the target audience

County Extension Agents, pond managers, natural resource managers, commercial hybrid striped bass producers, private impoundment owners and managers, Extension educators, AGFC AR potential/current anglers HOFNOD Instructors, and others

V(E). Planned Program (Outputs)

1. Standard output measures

<table>
<thead>
<tr>
<th></th>
<th>2009 Direct Contacts Adults</th>
<th>2009 Indirect Contacts Adults</th>
<th>2009 Direct Contacts Youth</th>
<th>2009 Indirect Contacts Youth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan</td>
<td>2090</td>
<td>12400</td>
<td>1000</td>
<td>200</td>
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<tr>
<td>Actual</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</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></th>
<th>2009 Extension</th>
<th>2009 Research</th>
<th>2009 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>
</tbody>
</table>

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Number of publications
  Not reporting on this Output for this Annual Report

Output #2

Output Measure

- Number of Presentations
  Not reporting on this Output for this Annual Report

Output #3

Output Measure

- Number of Project Annual and Final Reports
  Not reporting on this Output for this Annual Report
Output #4

Output Measure

- Number of Published Abstracts
  Not reporting on this Output for this Annual Report

Output #5

Output Measure

- Number of Refereed Journal Articles
  Not reporting on this Output for this Annual Report
### V(G). State Defined Outcomes

#### V. State Defined Outcomes Table of Content

<table>
<thead>
<tr>
<th>O. No.</th>
<th>OUTCOME NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Number of farm pond owners learning how to control aquatic weeds</td>
</tr>
<tr>
<td>2</td>
<td>Number of farm pond owners experiencing fewer problems with aquatic weeds</td>
</tr>
<tr>
<td>3</td>
<td>Number of Research Recommendations Transferred to Arkansas Game and Fish Commission Staff</td>
</tr>
<tr>
<td>4</td>
<td>Increase in fishing license sales in cities with AGFC programs</td>
</tr>
<tr>
<td>5</td>
<td>Increase in ponds that are designed, stocked, and managed correctly</td>
</tr>
<tr>
<td>6</td>
<td>Reduced number of pond problems</td>
</tr>
<tr>
<td>7</td>
<td>Percent increase in contacts regarding hybrid striped bass</td>
</tr>
<tr>
<td>8</td>
<td>Percent increase in requests for hybrid striped bass management recommendations</td>
</tr>
<tr>
<td>9</td>
<td>Percent increase in sales for sport fishing</td>
</tr>
</tbody>
</table>
1. **Outcome Measures**

   Number of farm pond owners learning how to control aquatic weeds

   Not Reporting on this Outcome Measure

2. **Outcome Measures**

   Number of farm pond owners experiencing fewer problems with aquatic weeds

   Not Reporting on this Outcome Measure

3. **Outcome Measures**

   Number of Research Recommendations Transferred to Arkansas Game and Fish Commission Staff

   Not Reporting on this Outcome Measure

4. **Outcome Measures**

   Increase in fishing license sales in cities with AGFC programs

   Not Reporting on this Outcome Measure

5. **Outcome Measures**

   Increase in ponds that are designed, stocked, and managed correctly

   Not Reporting on this Outcome Measure

6. **Outcome Measures**

   Reduced number of pond problems

   Not Reporting on this Outcome Measure

7. **Outcome Measures**

   Percent increase in contacts regarding hybrid striped bass

   Not Reporting on this Outcome Measure
Outcome #8

1. Outcome Measures

Percent increase in requests for hybrid striped bass management recommendations

Not Reporting on this Outcome Measure

Outcome #9

1. Outcome Measures

Percent increase in sales for sport fishing

Not Reporting on this Outcome Measure

V(H). Planned Program (External Factors)

External factors which affected outcomes

● Natural Disasters (drought, weather extremes, etc.)

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)
● Other (Survey of farm pond owners)

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}