

**V(A). Planned Program (Summary)**

**Program # 9**

**1. Name of the Planned Program**

Global Food Security and Hunger: Fishery Management (Aquaculture)

**V(B). Program Knowledge Area(s)**

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
307	Animal Management Systems		100%		100%
	<b>Total</b>		100%		100%

**V(C). Planned Program (Inputs)**

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

Year: 2010	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	0.4	0.0	0.4
Actual	0.0	0.0	0.0	0.0

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	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	0	0
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

No activity to report this year.

2. Brief description of the target audience

All aquaculture farmers in Oklahoma.

**V(E). Planned Program (Outputs)**

**1. Standard output measures**

2010	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
<b>Plan</b>	200	300	0	0
<b>Actual</b>	0	0	0	0

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

**Patent Applications Submitted**

Year: 2010  
 Plan: 0  
 Actual: 0

**Patents listed**

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

**Number of Peer Reviewed Publications**

2010	Extension	Research	Total
<b>Plan</b>	1	0	
<b>Actual</b>	0	0	0

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

**Output Target**

**Output #1**

**Output Measure**

- Number of Research Projects completed on Fishery Management.

Year	Target	Actual
2010	0	0

**V(G). State Defined Outcomes**

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

O. No.	OUTCOME NAME
1	Number of farmers learning new fishery management techniques.
2	Number of farmers using new fishery management techniques.
3	Farmers who have improved thier production efficiency and raised their profits with the new fishery management techniques.

## **Outcome #1**

### **1. Outcome Measures**

Number of farmers learning new fishery management techniques.

### **2. Associated Institution Types**

- 1890 Extension

### **3a. Outcome Type:**

Change in Condition Outcome Measure

### **3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
2010	200	0

### **3c. Qualitative Outcome or Impact Statement**

#### **Issue (Who cares and Why)**

No activity accrued during 2010.

#### **What has been done**

No activity accrued during 2010.

#### **Results**

No activity accrued during 2010.

### **4. Associated Knowledge Areas**

<b>KA Code</b>	<b>Knowledge Area</b>
307	Animal Management Systems

## **Outcome #2**

### **1. Outcome Measures**

Number of farmers using new fishery management techniques.

### **2. Associated Institution Types**

- 1890 Extension

**3a. Outcome Type:**

Change in Action Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
2010	20	0

**3c. Qualitative Outcome or Impact Statement**

**Issue (Who cares and Why)**

No activity accrued during 2010.

**What has been done**

No activity accrued during 2010.

**Results**

No activity accrued during 2010.

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
307	Animal Management Systems

**Outcome #3**

**1. Outcome Measures**

Farmers who have improved their production efficiency and raised their profits with the new fishery management techniques.

**2. Associated Institution Types**

- 1890 Extension

**3a. Outcome Type:**

Change in Condition Outcome Measure

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
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2010                      20                      0

### 3c. Qualitative Outcome or Impact Statement

**Issue (Who cares and Why)**

No activity accrued during 2010.

**What has been done**

No activity accrued during 2010.

**Results**

No activity accrued during 2010.

### 4. Associated Knowledge Areas

KA Code	Knowledge Area
307	Animal Management Systems

### V(H). Planned Program (External Factors)

**External factors which affected outcomes**

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

**Brief Explanation**

External factors did not affect outcomes

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

#### 1. Evaluation Studies Planned

- During (during program)

### Evaluation Results

Overall improvement in urban pond water quality at specific sites and consequently improvement in the quality of some watershed streams.

### Key Items of Evaluation

- Increase in water quality for specific residential ponds.