

V(A). Planned Program (Summary)

Program # 6

1. Name of the Planned Program

Food Safety in Aquaculture

Reporting on this Program

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

| KA Code | Knowledge Area | %1862 Extension | %1890 Extension | %1862 Research | %1890 Research |
|---------|--|-----------------|-----------------|----------------|----------------|
| 702 | Requirements and Function of Nutrients and Other Food Components | | 100% | | 0% |
| | Total | | 100% | | 0% |

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

| Year: 2012 | Extension | | Research | |
|--------------------------|-----------|------|----------|------|
| | 1862 | 1890 | 1862 | 1890 |
| Plan | 0.0 | 0.2 | 0.0 | 0.0 |
| Actual Paid Professional | 0.0 | 0.0 | 0.0 | 0.0 |
| Actual Volunteer | 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 | 48671 | 0 | 0 |
| 1862 Matching | 1890 Matching | 1862 Matching | 1890 Matching |
| 0 | 45043 | 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

Work with the vulnerability panel and focus groups to help develop guidelines for the inspection process.

Provide technical assistance to USDA-FSIS.
 Provide written documents and powerpoint presentations.
 Two separate briefings to inform how the catfish industry is structured and how it operates.
 Numerous phone calls, conference calls and emails about the U.S., Vietnam, and China's catfish industry
 Assist with the role assessment process
 Conference calls, emails, and meetings in Washington, D.C.
 Preliminary meetings with processors and farmers in Little Rock, AR about food defense plans
 Active extension program with processors and farmers throughout the industry
 Monitoring inspection and food defense

2. Brief description of the target audience

There are three target audiences for this program: 1) USDA-FSIS personnel who need assistance in understanding catfish farming and processing; 2) catfish farmers who will need to adopt new monitoring and record-keeping practices; and 3) catfish processors who will need to adopt new monitoring and record-keeping practices.

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

| 2012 | Direct Contacts Adults | Indirect Contacts Adults | Direct Contacts Youth | Indirect Contacts Youth |
|---------------|------------------------|--------------------------|-----------------------|-------------------------|
| Actual | 135 | 1500 | 0 | 0 |

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

Patent Applications Submitted

Year: 2012
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

| 2012 | Extension | Research | Total |
|---------------|-----------|----------|-------|
| Actual | 0 | 0 | 0 |

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Briefings to catfish farmers and catfish processors

| Year | Actual |
|-------------|---------------|
| 2012 | 2 |

Output #2

Output Measure

- Number of presentations to catfish farmers and processors

| Year | Actual |
|-------------|---------------|
| 2012 | 2 |

Output #3

Output Measure

- Number of emails, phone calls, and conference calls to catfish farmers and processors

| Year | Actual |
|-------------|---------------|
| 2012 | 4 |

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

| O. No. | OUTCOME NAME |
|--------|---|
| 1 | We will provide technical assistance to USDA-FSIS by continuing to serve on panels and focus groups with FSIS |
| 2 | Number of contacts with catfish farmers and processors related to the new catfish inspection program |
| 3 | Access to best-available science by USDA-FSIS personnel |
| 4 | Increased understanding of food safety issues in imported catfish and catfish-like products of agencies, the aquaculture industry, and the general public |

Outcome #1

1. Outcome Measures

We will provide technical assistance to USDA-FSIS by continuing to serve on panels and focus groups with FSIS

Not Reporting on this Outcome Measure

Outcome #2

1. Outcome Measures

Number of contacts with catfish farmers and processors related to the new catfish inspection program

Not Reporting on this Outcome Measure

Outcome #3

1. Outcome Measures

Access to best-available science by USDA-FSIS personnel

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

| Year | Actual |
|-------------|---------------|
| 2012 | 2 |

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Consumers in the U.S. have become more concerned with food safety in recent years. One manifestation of this has been growing concern over the safety of imported aquaculture products, particularly catfish. The 2008 Farm Bill moved inspection of catfish from FDA to USDA-FSIS, into the same inspection program as beef and poultry, so that safety standards for imported product would be equivalent to those for domestic product. However, the USDA-FSIS Catfish Inspection Rule has not yet been implemented.

What has been done

Continued technical assistance has been provided to various groups related to data and reviews of relevant analyses related to seafood safety.

Results

While the Catfish Inspection rule has not yet been implemented, greater numbers of individuals have an increased understanding of the discrepancy in food safety standards of imported versus domestic product.

4. Associated Knowledge Areas

| KA Code | Knowledge Area |
|----------------|--|
| 702 | Requirements and Function of Nutrients and Other Food Components |

Outcome #4

1. Outcome Measures

Increased understanding of food safety issues in imported catfish and catfish-like products of agencies, the aquaculture industry, and the general public

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

| Year | Actual |
|-------------|---------------|
| 2012 | 2 |

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

U.S. catfish producers and processors were not familiar with USDA-FSIS practices.

What has been done

A series of consultations and contacts with catfish producers and processors were done to provide pertinent information to industry

Results

While the Catfish Inspection Rule has been held up in the inter-agency review process, the U.S. industry has a more clear understanding of its requirements.

4. Associated Knowledge Areas

| KA Code | Knowledge Area |
|----------------|-----------------------|
|----------------|-----------------------|

702 Requirements and Function of Nutrients and Other Food Components

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Other (Political)

Brief Explanation

V(I). Planned Program (Evaluation Studies)

Evaluation Results

While the Catfish Inspection Rule has yet to be enacted, FDA has come out with other initiatives to attempt to address deficiencies highlighted in a GAO study.

Key Items of Evaluation

The key item in the short-term evaluation of this program is the on-going monitoring of the progress of developing the FSIS Catfish Inspection Rule and other, parallel regulatory issues.