

Nutrient Management/Water Quality

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Nutrient Management/Water Quality

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

| KA Code | Knowledge Area | %1862 Extension | %1890 Extension | %1862 Research | %1890 Research |
|---------|---|-----------------|-----------------|----------------|----------------|
| 102 | Soil, Plant, Water, Nutrient Relationships | 20% | | 20% | |
| 111 | Conservation and Efficient Use of Water | 15% | | 15% | |
| 401 | Structures, Facilities, and General Purpose Farm Supplies | 10% | | 10% | |
| 402 | Engineering Systems and Equipment | 15% | | 15% | |
| 403 | Waste Disposal, Recycling, and Reuse | 15% | | 15% | |
| 404 | Instrumentation and Control Systems | 10% | | 10% | |
| 405 | Drainage and Irrigation Systems and Facilities | 15% | | 15% | |
| | Total | 100% | | 100% | |

V(C). Planned Program (Inputs)

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

| Year: 2008 | Extension | | Research | |
|---------------|-----------|------|----------|------|
| | 1862 | 1890 | 1862 | 1890 |
| Plan | 8.0 | 0.0 | 3.1 | 0.0 |
| Actual | 1.4 | 0.0 | 1.5 | 0.0 |

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

| Extension | | Research | |
|-------------------------------|----------------------------|---------------------------------|----------------------------|
| Smith-Lever 3b & 3c 35503 | 1890 Extension | Hatch 95298 | Evans-Allen 0 |
| 1862 Matching 35503 | 1890 Matching 0 | 1862 Matching 53478 | 1890 Matching 0 |
| 1862 All Other 0 | 1890 All Other 0 | 1862 All Other 485927 | 1890 All Other 0 |

V(D). Planned Program (Activity)**1. Brief description of the Activity**

Varied activities, services and products are anticipated as a result of this plan. These include formation of state and regional advisory groups, assignment of work groups to address specific issues and tasks associated with nutrient management and water quality, participation of targeted audiences such as agricultural producers in environmental education programs, development of publications, fact sheets, web pages and other educational materials as program support, and reporting documents. Specific programs targeted toward agricultural producers in this plan include environmental stewardship programs, waste pesticide collection and disposal programs, recycling and solid waste management programs, and other initiatives related to water quality and nutrient management.

2. Brief description of the target audience

Stakeholders and customers of research and Extension programs represent a broad section of audiences, including agricultural producers and other rural audiences, agricultural support groups, environmental and water quality agencies, consumers, and traditionally under-served groups.

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 | 9379 | 2345 | 0 | 0 |
| 2008 | 3739 | 3267 | 0 | 0 |

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

| Year | Target |
|--------------|---------------|
| Plan: | 0 |
| 2008: | 0 |

Patents listed**3. Publications (Standard General Output Measure)****Number of Peer Reviewed Publications**

| | Extension | Research | Total |
|-------------|------------------|-----------------|--------------|
| Plan | 1 | 0 | |
| 2008 | 3 | 6 | 9 |

V(F). State Defined Outputs**Output Target****Output #1****Output Measure**

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

| Year | Target | Actual |
|-------------|---------------|---------------|
| 2008 | 1563 | 1168 |

Output #2**Output Measure**

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

Not reporting on this Output in this Annual Report

V(G). State Defined Outcomes

| O No. | Outcome Name |
|--------------|--|
| 1 | Number of producers adopting new technologies, strategies, or systems. |
| 2 | 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 |
|------|---------------------|--------|
|------|---------------------|--------|

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

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

V(H). Planned Program (External Factors)

External factors which affected outcomes

Natural Disasters (drought, weather extremes, etc.)

Economy

Government Regulations

Competing Public priorities

Competing Programmatic Challenges

Brief Explanation

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

1. Evaluation Studies Planned

Retrospective (post program)

Time series (multiple points before and after program)

Case Study

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}