

V(A). Planned Program (Summary)

Program # 9

1. Name of the Planned Program

Natural Resources, Water and the Environment

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 | | 60% | | |
| 111 | Conservation and Efficient Use of Water | | 20% | | |
| 123 | Management and Sustainability of Forest Resources | | 20% | | |
| | Total | | 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 | 4.2 | 0.0 | 0.0 |
| Actual | 0.0 | 5.2 | 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 | 293052 | 0 | 0 |
| 1862 Matching | 1890 Matching | 1862 Matching | 1890 Matching |
| 0 | 139771 | 0 | 0 |
| 1862 All Other | 1890 All Other | 1862 All Other | 1890 All Other |
| 0 | 17814 | 0 | 0 |

V(D). Planned Program (Activity)

1. Brief description of the Activity

Cooperative Extension will:
Conduct educational programs

- Conduct subject matter workshops/field days/tours
- Provide one-on-one technical assistance/consultations
- Conduct training programs
- Assist clients with development of farm plans

2. Brief description of the target audience

Small scale, limited resource, traditionally underserved farmers and landowners.

V(E). Planned Program (Outputs)

1. Standard output measures

| 2010 | Direct Contacts Adults | Indirect Contacts Adults | Direct Contacts Youth | Indirect Contacts Youth |
|---------------|------------------------|--------------------------|-----------------------|-------------------------|
| Plan | 350 | 3000 | 100 | 225 |
| Actual | 325 | 3296 | 126 | 273 |

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 |
|---------------|-----------|----------|-------|
| Plan | 0 | 0 | |
| Actual | 0 | 0 | 0 |

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs focusing on natural resources, water and the environment. Provide one-on-one technical assistance/consultations. Assist small scale and socially disadvantaged farmers and the Natural Resources Conservation Service to develop best management practices and/or conservation plans.

| Year | Target | Actual |
|-------------|---------------|---------------|
| 2010 | 575 | 586 |

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

| O. No. | OUTCOME NAME |
|--------|--|
| 1 | Program participants are expected to benefit from the educational training programs, workshops, and technical assistance offered by extension service personnel. This will be measured by: number of farms adopting best management practices, number of conservation plans developed, number of farms with forest management plans, and number of farms adopting new management techniques. |

Outcome #1

1. Outcome Measures

Program participants are expected to benefit from the educational training programs, workshops, and technical assistance offered by extension service personnel. This will be measured by: number of farms adopting best management practices, number of conservation plans developed, number of farms with forest management plans, and number of farms adopting new management techniques.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

| Year | Quantitative Target | Actual |
|-------------|----------------------------|---------------|
| 2010 | 100 | 104 |

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The conservation and management of land and other rural resources in rural communities is important to their survival.

What has been done

Extension developed a series of workshops designed to assist landowners in rural communities to conserve their surroundings and help the environment.

Results

Over one hundred participants adopted best management practices that helped to improve the environment and conserve the natural resources in their rural communities.

4. Associated Knowledge Areas

| KA Code | Knowledge Area |
|----------------|---|
| 102 | Soil, Plant, Water, Nutrient Relationships |
| 111 | Conservation and Efficient Use of Water |
| 123 | Management and Sustainability of Forest Resources |

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Public Policy changes
- Government Regulations

Brief Explanation

Extreme weather played a factor in carrying out some of the plans for this program. There were extreme moisture conditions in parts of the state and drought conditions in other parts of the state.

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

1. Evaluation Studies Planned

- After Only (post program)
- Before-After (before and after program)
- During (during program)

Evaluation Results

A majority of the individuals indicated that they enjoyed the programs presented. The majority of participants indicated that they would adopt at least one of the the Best Management Practices (BMP's) on which they were trained. Additionally, the majority of participants indicated that they have or will have conservation plans.

Key Items of Evaluation

Adoption of Best Management Practices