

V(A). Planned Program (Summary)

Program # 7

1. Name of the Planned Program

Sustainable Agriculture Production Systems

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%		
205	Plant Management Systems		20%		
211	Insects, Mites, and Other Arthropods Affecting Plants		20%		
301	Reproductive Performance of Animals		20%		
303	Genetic Improvement of Animals		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	6.8	0.0	0.0
Actual	0.0	5.7	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	321904	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	153533	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	19569	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Cooperative Extension will:
 Conduct educational programs
 Conduct subject matter workshops classes/field days/tours
 Provide one-on-one technical assistance / consultations
 Conduct training programs
 Assist clients with development of farm plans
 Hold on-farm demonstrations

2. Brief description of the target audience

Small farmers; limited resource farmers; family farmers and socially disadvantaged farmers.

V(E). Planned Program (Outputs)

1. Standard output measures

2010	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Plan	275	3200	110	275
Actual	473	3976	256	325

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	3	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Conduct educational programs focusing on sustainable production practices in crops and

livestock. Provide one-on-one technical assistance/consultations. Assist small scale and socially disadvantaged farmers with alternative marketing plans.

Year	Target	Actual
2010	250	316

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 adapting sustainable techniques for agricultural production, number of farms producing alternative crops, number of farms adopting new, sustainable management practices, number of farms participating in on-farm demonstrations in sustainable agriculture.

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 adapting sustainable techniques for agricultural production, number of farms producing alternative crops, number of farms adopting new, sustainable management practices, number of farms participating in on-farm demonstrations in sustainable agriculture.

2. Associated Institution Types

- 1890 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	150	232

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Sustainability of the small family farm is important to the local communities. Seeing that they are environmentally friendly, socially acceptable and economically feasible is the cornerstone of keeping these operations viable.

What has been done

Extension agents and specialists work one-on-one in an intensive manner with small farmers and landowners to ensure that their operations remain sustainable.

Results

Small farmers and landowners improve their skills and operations and are not sustainable. Their operations are economically viable, socially accepted and environmentally friendly.

4. Associated Knowledge Areas

KA Code	Knowledge Area
102	Soil, Plant, Water, Nutrient Relationships
205	Plant Management Systems
211	Insects, Mites, and Other Arthropods Affecting Plants
301	Reproductive Performance of Animals
303	Genetic Improvement of Animals

V(H). Planned Program (External Factors)

External factors which affected outcomes

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

Brief Explanation

Extreme weather conditions (droughts and floods and wild fires) in some parts of the state had an adverse effect on parts of the farming community. Likewise, economic factors like the rising cost of fuel also affected many farming operations.

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

1. Evaluation Studies Planned

- After Only (post program)
- During (during program)

Evaluation Results

The majority of participants surveyed indicated that they benefitted from the programs. The majority of program participants indicated that they would or have already adopted at least two of the sustainable agriculture practices taught by Extension staff.

Key Items of Evaluation

Sustainable practices adopted
Participants benefitted from educational programs