

V(A). Planned Program (Summary)

Program # 5

1. Name of the Planned Program

Global Food Security and Hunger - Agricultural Economics, Marketing, and Community Development

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
601	Economics of Agricultural Production and Farm Management			20%	
604	Marketing and Distribution Practices			20%	
605	Natural Resource and Environmental Economics			15%	
606	International Trade and Development			10%	
607	Consumer Economics			15%	
608	Community Resource Planning and Development			10%	
610	Domestic Policy Analysis			10%	
	Total			100%	

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	0.0	2.0	0.0
Actual Paid Professional	0.0	0.0	0.9	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	0	38254	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	34464	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

Research was undertaken to identify new market niches and promising new products, as well as to determine farmers' costs of production, consumer preferences, marketing margins, and farmers' and other participants' shares in the marketing channels of selected agricultural commodities. Results from a survey of 633 grain-producing farmers concluded that the small size of their plantings and the lack of a producer organization, hinder their ability to influence government policy and their chances of being considered as a sector with economic growth potential. Moreover, the small size of their individual output also inhibits their access to supermarket chains demanding a continuous supply of produce.

Studies were also undertaken to identify the diverse strategies that local food system stakeholders are currently using or might use to create and manage ongoing or potential change, and information needs of these stakeholders.

Research was undertaken to improve natural resources and environmental use by farmers and to support policy-making processes by government officials in order to achieve greater economic and material sustainability. Analysis of a national online survey of natural resources and environment policy issues and education needs among land grant faculty showed that water related issues were the most mentioned by respondents. Energy issues followed and were more prominent in the South. Climate change and farm and food issues were next in importance. Results suggest that while the identification of issues and expertise available in the land grant system is perhaps the initial step towards constructing a new network of collaborators, to be effective in the future, much more deliberation on the approaches and skills needed to succeed in the education process will have to take place.

In collaboration with Extension faculty and agents, results relevant to farmers and community organizers were translated into practical recommendations.

Publications were prepared and presentations to producers' associations and agricultural professionals also took place.

2. Brief description of the target audience

Farmers, extension professionals, community leaders and organizers, producer associations, academic community, local and state government officials, and other professionals.

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	0	0	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	4	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Number of refereed publications

Year	Actual
2012	4

Output #2

Output Measure

- Number of presentations in scientific meetings

Year	Actual
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2012 9

Output #3

Output Measure

- Number of non-refereed publications (posters, newspaper articles, etc.)

Year	Actual
2012	18

Output #4

Output Measure

- Number of participants attending workshops coordinated with Extension on program's results

Year	Actual
2012	135

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Number of stakeholders gaining knowledge about new production management or marketing tools (medium-term measure)
2	Number of stakeholders gaining knowledge about public policy issues relevant to local agriculture and natural resources.

Outcome #1

1. Outcome Measures

Number of stakeholders gaining knowledge about new production management or marketing tools (medium-term measure)

2. Associated Institution Types

- 1862 Research

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	400

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
601	Economics of Agricultural Production and Farm Management
604	Marketing and Distribution Practices
607	Consumer Economics
608	Community Resource Planning and Development

Outcome #2

1. Outcome Measures

Number of stakeholders gaining knowledge about public policy issues relevant to local agriculture and natural resources.

2. Associated Institution Types

- 1862 Research

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	50

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
605	Natural Resource and Environmental Economics
608	Community Resource Planning and Development
610	Domestic Policy Analysis

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Economy
- Public Policy changes
- Other (Limited number of faculty conducting research and extension in this program)

Brief Explanation

The prolonged economic crisis of the island, budget cuts at the university, and the university-wide freezing of faculty positions continue to hamper our efforts to expand research and outreach activities, and to evaluate the impact of our programs.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

No formal evaluation results are yet available for this program.

Key Items of Evaluation