

Small Farms

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Small Farms

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
202	Plant Genetic Resources	10%		10%	
205	Plant Management Systems	40%		40%	
211	Insects, Mites, and Other Arthropods Affecting Plants	12%		12%	
212	Pathogens and Nematodes Affecting Plants	10%		10%	
215	Biological Control of Pests Affecting Plants	7%		7%	
307	Animal Management Systems	7%		7%	
601	Economics of Agricultural Production and Farm Management	7%		7%	
604	Marketing and Distribution Practices	7%		7%	
Total		100%		100%	

V(C). Planned Program (Inputs)

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
Plan	4.9	0.0	2.4	0.0
Actual	3.1	0.0	4.8	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 19090	1890 Extension 0	Hatch 29559	Evans-Allen 0
1862 Matching 19090	1890 Matching 0	1862 Matching 29559	1890 Matching 0
1862 All Other 0	1890 All Other 0	1862 All Other 0	1890 All Other 0

V(D). Planned Program (Activity)

1. Brief description of the Activity

- Multiplication, evaluation and distribution of improved taro and banana varieties.
- Laboratory bioassay for foliar plant diseases.
- List of plant-parasitic nematodes on taro, their distribution and management.
- Vegetable variety trials
- Budding, grafting and airlayering workshops for citrus and other fruit trees
- Pig project to reduce inbreeding of farmers' animal operations - buying/selling or trading of stock, boar services, artificial insemination.
- Tissue culture of traditional staples and increasing genetic diversity to improve crop security.
- Plant clinic diagnoses and recommendations
- Pest surveys
- Testing of reduce-risk pesticides
- Biological control studies of economically important pests
- Technical assistance with nuisance bee problems and assessment of apiculture

2. Brief description of the target audience

Small and resource-limited farmers and ranchers, and all 4-H youth

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	2000	5000	500	2000
2007	800	3500	375	1500

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

Patent Applications Submitted

Year	Target
Plan:	0
2007:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	0	0	0

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

Number of research projects completed

Year	Target	Actual
2007	1	1

Output #2**Output Measure**

Number of cultivars of disease resistant taro and/or banana multiplied and released

Year	Target	Actual
2007	10	34

Output #3**Output Measure**

Number of improved taro setts and/or banana suckers/bits disseminated

Year	Target	Actual
2007	1000	3708

Output #4**Output Measure**

Number of plant clinic diagnoses and recommendations made to assist farmers

Year	Target	Actual
2007	30	24

Output #5**Output Measure**

Number of vegetable variety trials completed

Year	Target	Actual
2007	4	3

Output #6**Output Measure**

Number of new fruit tree varieties introduced

Year	Target	Actual
2007	15	0

Output #7**Output Measure**

Number of fruit tree propagation workshops

Year	Target	Actual
2007	4	2

Output #8**Output Measure**

Number of pigs sold/traded and piglets born from AI

Year	Target	Actual
2007	50	12

Output #9**Output Measure**

Number of directories published

Year	Target	Actual
2007	4	0

Output #10**Output Measure**

Number of pesticide efficacy tests conducted

Year	Target	Actual
2007	4	3

Output #11

Output Measure

Number of Pesticide Applicator's Training workshops conducted

Year	Target	Actual
2007	6	8

Output #12

Output Measure

Number of biological control species introduced or augmented to control local pests.

Year	Target	Actual
2007	0	0

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of farmers growing improved varieties of taro and/or bananas
2	Number of farmers targeting problems according to recommendations on plant clinic form
3	Number of farmers growing improved vegetable cultivars
4	Number of people growing improved budded/grafted or airlayered fruit trees in their back yards.
5	Number of pig farmers upgrading their stock
6	Number of reduced risk pesticides recommended for use.
7	Number of pesticide applicators trained and certified

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
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Natural Disasters (drought, weather extremes, etc.)

Economy

Appropriations changes

Competing Public priorities

Competing Programmatic Challenges

Other (Staffing changes)

Brief Explanation

•Prolonged wet, stormy weather disrupted two pesticides trials which had to be redone. •Plant pathologist resigned. •Fruit extension agent resigned, position remains vacant. •Marketing extension agent resigned, position remains vacant. •New animal extension agent position has not yet been filled.

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)

Time series (multiple points before and after program)

Evaluation Results

Key Items of Evaluation