

Whole Farm Systems Research

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Whole Farm Systems Research

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
205	Plant Management Systems			40%	
307	Animal Management Systems			10%	
403	Waste Disposal, Recycling, and Reuse			20%	
601	Economics of Agricultural Production and Farm Management			30%	
Total				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	0.0	0.0	1.0	0.0
Actual	0.0	0.0	2.0	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	115087	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	47007	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

•Conduct research project •Present data at conferences •Publish results in scientific journals, farmers bulletins and fact sheets

2. Brief description of the target audience

The target audience is researchers, farmers, extension agents, Agriculture Department officials and NGOs. The audience is local.

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	0	0	0	0
2007	0	0	0	0

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

Abstracts presented at conferences

Year	Target	Actual
2007	1	0

Output #2

Output Measure

Journal articles, farmers bulletins, fact sheets

Year	Target	Actual
2007	1	0

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of local farmers who adopt some portion of model farm

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

Other (Staffing issues)

Brief Explanation

From the outset, this project was hampered by the difficulty in recruiting a project manager interested in whole farm systems research. In particular it was difficult to find someone willing to work with both fish and plants. During the life of this project, two project managers were hired. It took more than a year to recruit each one, and both of them preferred horticulture to aquaculture and both resigned before efficient management systems were developed and production was maximized. Both managers, who had M.S. degrees in horticulture, were overwhelmed and frustrated by the diverse demands of an actual farming operation coupled with a research project that was hindered by a shortage of manpower.

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

1. Evaluation Studies Planned

Retrospective (post program)

Evaluation Results

Key Items of Evaluation