

The New Farmer: Agriculture for the Next Generation

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V(A). Planned Program (Summary)

1. Name of the Planned Program

The New Farmer: Agriculture for the Next Generation

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	10%			
104	Protect Soil from Harmful Effects of Natural Elements	10%			
125	Agroforestry	10%			
205	Plant Management Systems	10%			
307	Animal Management Systems	10%			
403	Waste Disposal, Recycling, and Reuse	10%			
601	Economics of Agricultural Production and Farm Management	20%			
608	Community Resource Planning and Development	10%			
806	Youth Development	10%			
Total		100%			

V(C). Planned Program (Inputs)

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

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	3.5	0.0	0.0	0.0
Actual	2.0	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 93147	1890 Extension	Hatch	Evans-Allen
	0	0	0
1862 Matching 31781	1890 Matching	1862 Matching	1890 Matching
	0	0	0
1862 All Other 14849	1890 All Other	1862 All Other	1890 All Other
	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

There has been much progress made this past year for this program. Notable activities this past year include established partnerships with various government of Guam agencies resulting in a \$98,000.00 memorandum of agreement funded by the Chamorro Land Trust Commission (CLTC) to develop and train a Cooperative Compliance Team in uniform monitoring techniques and compliance assessment for all land lease holder which includes assessing the use of appropriate/inappropriate soil and water conservation practices and to develop, pilot and improve programs to address identified educational needs of the CLTC agricultural leases. Additionally, through this partnership financial support was committed to provide, using curriculum developed under this program, educational and demonstration activities to agricultural lease holders who are either underutilizing or not using the land for agricultural purposes.

In order to increase the skills of the islands agricultural professionals train the trainer workshops and meetings were held on the New Farmer curriculum prior to holding several workshops at the demonstration farms. The joint agency generation of outreach publications on the demonstrated conservation and production practices was drafted this includes two publications on dry litter hog waste management, an updated chicken tractor publication, publications on mulching, composting, fruit trees as windbreaks, soursop, breadfruit, calamansi, mango, avocado and measuring contour lines with an A-frame.

Planning meetings meeting between the cooperating agencies were held to identify priorities in order to jointly apply for grant funding to address priorities. Several joint grants for agency capacity building through training, collaborative planning and outreach efforts were submitted.

Best management conservation and sustainable agricultural practices were demonstrated on two multi-agency demonstration farms, these included fruit tree windbreaks, using breadfruit, soursop, calamansi, mango, avocado, surinam cherry, guava, saba banana, coconuts; two different form of dry litter hog waste management using green waste, shredded papergrass cuttings and wood chips and yard debris combined with composting the litter; and two alternative methods of in-ground water catchment sealing. A farmer mini-grant program was implemented and fruit tree windbreaks and deep litter farmer demonstrations were funded.

2. Brief description of the target audience

The primary target audience is the one thousand plus agricultural lease holders of the Chamorro Land Trust Commission (CLTC) agricultural lands programs and the more than 100 existing full and part time commercial and subsistence agricultural producers on Guam. In addition, a secondary target population is the island youth interested in entrepreneurial agricultural activities. Additionally clients of mayors' offices interested in small scale and community agricultural activities are also targeted.

The secondary target audience is the agricultural professional community on Guam. This program is a collaborative effort to build the capacity and enhance the performance of the agricultural professionals in Guam Cooperative Extension, and partner agencies so these agricultural professionals can better identify issues and mobilize resources to assist the agriculture community on Guam.

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	100	50	15	0
2008	212	2000	32	0

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

Patent Applications Submitted

Year	Target
Plan:	0
2008:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	0	0	
2008	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

number of popular articles in newsletters, magazines and newspapers

Year	Target	Actual
2008	2	3

Output #2

Output Measure

number of workshops

Year	Target	Actual
2008	4	4

Output #3

Output Measure

number of extension fact sheets/brochures/pamphlets

Year	Target	Actual
2008	3	8

Output #4

Output Measure

number of one to one intervention

Year	Target	Actual
2008	5	12

Output #5

Output Measure

workshop curriculum developed and piloted with agricultural professionals

Year	Target	Actual
2008	4	6

Output #6

Output Measure

number of multi-agency agriculture best management practiced demonstrations conducted

Year	Target	Actual
2008	2	2

V(G). State Defined Outcomes

O No.	Outcome Name
1	# of Chamorro Land Trust Commission lease holders participating in workshops and field day activities
2	# of agricultural professionals completing New Farmer training workshop modules
3	# of MOUs and MOAs for collaborative program grants
4	# of farmers adopting recommended demonstrated practices
5	# of farmers awarded and implementing mini grants per year
6	# of participants in Demonstration Farm workshops and field days
7	Local and regional multi-level multi-state needs assessments conducted on issues affecting the long term viability of island agriculture, and strategic planning conducted around these issues.

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.)

Appropriations changes

Public Policy changes

Other (change in gov't. admin.)

Brief Explanation

None activities and outcomes proceeded as planned and actually in most cases went beyond plan expectations.

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

1. Evaluation Studies Planned

After Only (post program)

Evaluation Results

For workshops very positive want more of the same.

Want more extension publications on the workshop topics.

Want some workshops on week nights not all on weekends.

Key Items of Evaluation