

V(A). Planned Program (Summary)

Program # 9

1. Name of the Planned Program

Crop Improvement

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
102	Soil, Plant, Water, Nutrient Relationships	25%		0%	
204	Plant Product Quality and Utility (Preharvest)	50%		0%	
205	Plant Management Systems	25%		0%	
	Total	100%		0%	

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2014	Extension		Research	
	1862	1890	1862	1890
Plan	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}
Actual Paid	0.2	0.0	0.0	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
39536	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	0	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

Extension personnel worked with local government entities, the University of Hawaii Pacific Business Center, and Agronomy experts to conduct a two-day Breadfruit Workshop to address improved breadfruit production, food security, value added production, and introduction of non-endemic varieties of breadfruit to the CNMI.

Extension agents also worked with commercial farmers to improve dragon fruit and row crop production.

2. Brief description of the target audience

Farmers, business people, general public

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2014	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	150	50	60	50

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

Patent Applications Submitted

Year: 2014

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2014	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Test new varieties of bread fruit in the CNMI (3-4 years for the tree to fruit)

Year	Actual
2014	3

Output #2

Output Measure

- Extension visits with farmers to improve crop production

Year	Actual
2014	20

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Increase dragon fruit income among commercial dragon fruit farmers
2	Increase breadfruit harvests

Outcome #1

1. Outcome Measures

Increase dragon fruit income among commercial dragon fruit farmers

Not Reporting on this Outcome Measure

Outcome #2

1. Outcome Measures

Increase breadfruit harvests

Not Reporting on this Outcome Measure

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Other (Lack of full-time program leader)

Brief Explanation

Due to transitions in leadership, the department was not able to hire a full-time program leader to provide leadership for this program.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

Acting program leader was able to obtain 3 varieties of bread fruit for testing. It is anticipated that it will take 3-4 years for these varieties to fruit.

Key Items of Evaluation