

V(A). Planned Program (Summary)

Program # 7

1. Name of the Planned Program

Food Safety

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
101	Appraisal of Soil Resources	10%		10%	
111	Conservation and Efficient Use of Water	10%		10%	
132	Weather and Climate	10%		10%	
212	Pathogens and Nematodes Affecting Plants	10%		10%	
216	Integrated Pest Management Systems	10%		10%	
314	Toxic Chemicals, Poisonous Plants, Naturally Occurring Toxins, and Other Hazards Affecting Animals	10%		10%	
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources	10%		10%	
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins	15%		15%	
723	Hazards to Human Health and Safety	15%		15%	
	Total	100%		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	0.0	0.0
Actual Paid Professional	1.4	0.0	1.2	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
49194	0	46252	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
49194	0	46252	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

- Determine safe use of fertilizers and pesticides.
- Develop plans for Integrated Pest Management.
- Determine relationship between school garden and school cafeteria.
- Prepare for good safety audits.
- Develop public awareness activities and media.

Extension concentrated on issues related to pesticide safety, safe handling of tools and chemicals, pesticide residues on farm produce, and other associated environmental concerns.

These issues were addressed during Pesticide Safety Certification trainings, and Progressive Agriculture Safety Day workshops.

2. Brief description of the target audience

All residents of American Samoa are target audience including students, teachers, food handlers, food-vendors, homemakers, cooks, farmers, village residents, church members, children and youth program participants.

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	75	375	1210	5000

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	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Number of Pesticides Safety workshops conducted

Year	Actual
2012	5

Output #2

Output Measure

- Number of Farm Safety Days conducted

Year	Actual
2012	7

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Number of pesticides applicators trained and certified
2	Number of participants trained on Farm Safety

Outcome #1

1. Outcome Measures

Number of pesticides applicators trained and certified

2. Associated Institution Types

- 1862 Extension
- 1862 Research

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	75

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Agriculture Extension recognizes the effects of improper handling of pesticide; food produce, and in food preparation.

What has been done

In 2012, Extension staff conducted 7 Progressive Agriculture Safety programs/days attended by 1,210 participants and 5 Pesticide Safety Education program/courses attended by 75 participants.

Results

Of the 75 participants of the Pesticides Safety Course, 75 (100%) were trained and certified. Moreover, the participants now understand how to handle pesticides and food safely.

4. Associated Knowledge Areas

KA Code	Knowledge Area
212	Pathogens and Nematodes Affecting Plants
216	Integrated Pest Management Systems
314	Toxic Chemicals, Poisonous Plants, Naturally Occurring Toxins, and Other Hazards Affecting Animals
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
723	Hazards to Human Health and Safety

Outcome #2

1. Outcome Measures

Number of participants trained on Farm Safety

2. Associated Institution Types

- 1862 Extension
- 1862 Research

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2012	1210

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Agriculture Extension recognizes the effect of improper handling of pesticide; food produce, and food preparation in Food Safety.

What has been done

Staff conducted 7 (seven) Farm Safety Days at school settings with an enrollment of 1210.

Results

1210 participants received training on Farm Safety.

4. Associated Knowledge Areas

KA Code	Knowledge Area
212	Pathogens and Nematodes Affecting Plants
216	Integrated Pest Management Systems
314	Toxic Chemicals, Poisonous Plants, Naturally Occurring Toxins, and Other Hazards Affecting Animals
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
723	Hazards to Human Health and Safety

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Government Regulations
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

Brief Explanation

Loss of staff limited program capacity. ASCC business office continued to impede CNR's attempts to use Hatch and Smith-Lever and other grant funds to procure supplies and equipment for this and all other planned programs. In the process of recruiting for a Food safety Specialist, and field and support staff.

Delay in recruiting staff reduced program capacity.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

At the end of each training session we conducted, we pass out a survey for feedback from participants. These survey forms are both in English and Samoan and each participant chooses which language to use. According to these surveys, approximately 98% of the participants indicated that they have learned something from the trainings, and that they will adopt what they learned.

Extension reached 1,210 participants during 7 Farm Safety workshops; and 75 participants during 5 Pesticide Safety workshops.

Key Items of Evaluation