



Republic of the Philippines

Mountain Province State Polytechnic College

Bontoc, Mountain Province

RESEARCH DEVELOPMENT AND EXTENSION SERVICES

TERMINAL REPORT

I. GENERAL INFORMATION

Activity: Integrated Pest Management of Resilient VELERO Crops

Date & Time of Activity: March 8 & 15, 2019

Venue of Activity: Anabel, Sadanga & Monamon Sur, Bauko

Proponents: Extension Unit

Facilitators: SAFE Project staff & project leader

Participants: Farmer cooperators

Budget: PhP.57,400.00

Source of Fund: SAFE Project fund

II. NARRATIVE REPORT

The activity is being conducted on a staggered basis where in it will be done in three days per venue of the activity. The activities includes monitoring on insect prevalence on resilient crops and identification of insect pests of resilient crops and management application. There were changes of some schedules on the conduct of this activities as we are mandated to do other task of the project.

The first two days was on demonstration on pest management and putting up insect pest control at the demo farms. Monitoring was also conducted at the farms of the farmer cooperator both in Anabel, Sadanga and Monamon Sur. For the following days we continue our activities through applying principles of integrated pest management. Appropriate non pesticide control measures was introduced for resilient crops like the use of clean planting materials and protective materials for the crops.

Farmers were grateful for the knowledge they are learning through the trainings being conducted. According to them, their farm practices was enhanced or improved through the S&T interventions introduced to combat insect pest prevalence in their farms.

III. PHOTO DOCUMENTATION



Pest Management demonstration at the demo farms in Anabel, Sadanga



Farm Monotoring at one of the farms in Anabel



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Farmers are taught to observe farm sanitation by removing infected plants or insect plant host to minimized insect population growth and disease prevalence.



Crop shelter was introduced in Monamon sur as one way of insect pest control



Farm monitoring in Monamon Sur



Putting yellow sticky trap is another way of pest control introduced at the demo farm in Monamon Sur

IV. RECOMMENDATIONS

Farmer cooperators is recommended to apply the knowledge they learned on insect pest Management as it was observed to be effective.

V. ATTACHMENTS

(approved activity design, attendance sheet, sample certificate/ photocopy of certificate)

Prepared by:

RUFINO S. PIAYAS
Science Research Assistant

Noted:

ELMER D. PAKIPAC
SAFE Project leader



RESEARCH DEVELOPMENT AND EXTENSION SERVICES

ATTENDANCE SHEET						
Title of Activity: <u>INTEGRATED PEST MANAGEMENT OF RESILIENT VEGETABLE CROPS</u>						
Date & Time: <u>March 8, 2019</u>						
Venue: <u>Anabel, Sadanga</u>						
No.	NAME	GENDER			UNIT/OFFICE/DEPARTMENT	SIGNATURE
		F	LGBTQ	M		
1.	Aurora Filonan	/				Aurora
2.	Linda Tumapang	/				Linda
3.	Maria Mamaged	/				Maria
4.	Febia Copas	/				Febia
5.	Isabel Waki	/				Isabel
6.	Graiel coy coyw	/				Graiel
7.	manulla Ambani	/				manulla
8.	Hiza Egcatan	/				Hiza
9.	Dulian Fayab	/				Dulian
10.	Vangie Fayab	/				Vangie
11.	Taryn Falaon	/				Taryn
12.	Flouana Fiddongkar	/				Flouana
13.	Juliet Salaguna	/				Juliet
14.	Julie Cayapa	/				Julie
15.	Vani Marnag	/				Vani
16.	Julie Onan San	/				Julie
17.	Caroline Pakak	/				Caroline
18.	manula chona-et	/				manula
19.	Catherine Ambani	/				Catherine
20.	Brenda Sturja	/				Brenda
21.	Marilyn Kga-ey	/				Marilyn
22.	Ma Falaon	/				Ma Falaon
23.	Boysa Tina mango	/				Boysa
24.	Mary-an Timayao	/				Mary-an
25.	Isabel Capatin	/				Isabel

CERTIFICATION

This is to CERTIFY that the above is the true and correct attendance list of the participants/facilitators/secretariat of the above-mentioned activity.

This is to CERTIFY that the meals/snacks claimed for payment by the caterer was served to the above participants.


ELMER B. PAKIPAC
SAFE PROJECT Leader



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Bontoc, Mountain Province

RESEARCH DEVELOPMENT AND EXTENSION SERVICES

ATTENDANCE SHEET

Title of Activity: INTEGRATED PEST MANAGEMENT OF RESILIENT VEGETABLE CROPS

Date & Time: March 8, 2019

Venue: Anabel, Sadanga

No.	NAME	GENDER			UNIT/OFFICE/ DEPARTMENT	SIGNATURE
		F	LGBTQ	M		
26.	<u>Anita Singlan</u>	/				<u>A. Singlan</u>
27.	<u>DELIA W. TAYAB</u>	/				<u>DTTB</u>
28.	<u>Andlyn L. Ngallanuen</u>	/				<u>Ngallanuen</u>
29.	<u>Sabina N. Marnag</u>	/				<u>Marnag</u>
30.	<u>Anna Bin Lomp</u>	/				<u>Anna Bin Lomp</u>
31.	<u>Romy Pitoy</u>	/				<u>R. Pitoy</u>
32.	<u>Dina na moliton</u>	/				<u>DM</u>
33.	<u>Rita Onacho</u>	/				<u>Rita Onacho</u>
34.	<u>Dorinda Canaay</u>	/				<u>DCanaay</u>
35.	<u>Virginia Bgayro</u>	/				<u>V. Bgayro</u>

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ELMER D. PAKIPAC
SAFE PROJECT Leader



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RESEARCH DEVELOPMENT AND EXTENSION SERVICES

(January 30, 2019)

DR. REXTON F. CHAKAS

College President

Mountain Province State Polytechnic College

Bontoc, Mountain Province

RECEIVED

MPSPC-RECORDS OFFICE

BY: _____

DATE: 30 JAN 2019

Sir:

This is to submit the activity design for the activity entitled "Integrated Pest Management of Resilient VELERO Crops" to be held on the month of February to April on staggered basis at Monamon Sur, Bauko and Anabel, Sadanga respectively.

Thank you very much and we are hoping for your approval of the conduct of this activity.


RUFINO S. PIAYAS

Science Research Assistant, Extension Unit (SAFE Project)

*Conducted
Anabel only*

cc: VPAA (faculty and student activity design)
VPAD (staff)
VPRDE (for RDE activities)
VPRGL (for RGL activities)
GAD (for GAD appropriated activities)
SSDO (for student activities)
Record's Office (file)



RESEARCH DEVELOPMENT AND EXTENSION SERVICES

ACTIVITY DESIGN (STAFF)

I. GENERAL INFORMATION

Activity: **Integrated Pest Management of Resilient VELERO Crops**

Date & Time of Activity: February 11, 13, 23, 28, 2019; March 6, 15, 22, 28, 2019;
April 5, 12, 17, 2019 (8:00 AM to 4:30PM)

Venue of Activity: Anabel, Sadanga & Monamon Sur, Bauko

Participants: Farmer Cooperators

Budget: PhP. 57,400.00

Source of Fund: SAFE Project Fund (Training Expenses)

II. RATIONALE

Farmers identified insect Pest Management of resilient crops as one of the training support on disaster risk reduction on climate change impacts on vulnerable farms in Mountain Province. Among the resilient crops identified by the farmers are garden peas, carrots, potatoes, Camote and field beans which can be integrated in their cropping systems. However, the presence and the growing population of insect pest is one of the numerous problems affecting crop production industry. Control and proper management of insect pest is necessary in order not to cause heavy loss on crops.

Integrated Pest Management is a practice which involves combination of two or more strategies employed in managing insect pest. The use of chemical as a means of control shall be considered as last resort. This Management strategy was introduced in the 90's but overcome due to pest outbreaks and limited understanding of the technology. Revitalizing the adoption of this strategy could the resilient crops identified. The hazard issues attributed to could be of great help especially so that resilient crops are also vulnerable to insect pest due to dynamic environmental phenomenon occurring not only in the country but even site specific places.

III. OBJECTIVES

1. Identify the Insect Pests,
2. Characterize of insect pest damage and life cycle of selected insect pest on cropping systems,
3. Apply the principles of integrated pest management and,
4. Distinguish appropriate non pesticide control measures that can be adopted in IPM on resilient crops.

IV. EXPECTED OUTPUT

1. Sixty farmer Cooperators capacitated on integrated pest management

V. RESOURCE REQUIREMENTS:

A. Budgetary Requirements:

Item	Description	Quantity	Unit Cost	Total Cost
Anabel	Day 1			
1	Snacks (AM,PM)	35	60	4,200.00
2	Lunch	35	120	4,200.00
	Day 2			
3	Snacks AM, PM	35	60	4,200.00
4	Lunch	35	120	4,200.00



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	Day 3			
5	Snacks(AM,PM)	35	60	4,200.00
	Lunch	35	120	4,200.00
Monamon Sur	Day 1			
6	Snacks(AM,PM)	35	60	4,200.00
7	Lunch	35	120	4,200.00
	Day 2			
8	Snacks(AM,PM)	35	60	4,200.00
9	Lunch	35	120	4,200.00
	Day 3			
10	Snacks(AM,PM)	35	60	4,200.00
11	Lunch	35	120	4,200.00
12	Gasoline & Oil			7,000.00
			Total	57,400.00

B. Human Resources

(Indicate committee members, coordinators, ushers/ usherettes, marshals, etc)

Committee/Task	Number of Persons required	People Responsible/ Members
Secretariat	4	SAFE Project team members
Facilitators	3	Staff, SAFE Project
Coordinators	2	Staff, SAFE Project

C. Supplies, Property and Equipment Requirements

Property/ Venue/ Equipment	Date to be used
1 Unit Vehicle	Feb 11, 2019 February 13, 2019 February 23, 2019 February 28, 2019 March 6, 2019 March 15, 2019 March 22, 2109 March 28, 2019 April 5, 2019 April 12, 2019 April 17, 2019 April 24,2019

VI. PROGRAM:

Activities	Time
February 11, 13, 23, 28, 2019	
Planting of resilient crops (Anabel)	8:00 AM – 4:30 PM
Monitoring with the farmers (Anabel)	8:00 AM – 4:30 PM
Monitoring with the farmers (Monamon Sur)	
Identification of Insect pests of resilient crops and Management application (Anabel - Training)	8:00 AM – 4:30 PM
March 6, 15, 22, 28	
Identification of insect pests of resilient crops and management application (Monamon Sur - Training)	8:00 AM – 4:30 PM
Monitoring (Anabel)	8:00 AM – 4:30 PM
Monitoring (Monamon Sur)	8:00 AM – 4:30 PM
Harvest of Resilient Crops (Anabel)	8:00 AM – 4:30 PM
April 5, 12, 17	
Monitoring (Monamon Sur)	8:00 AM – 4:30 PM
Monitoring (Anabel)	8:00 AM - 4:30 PM
Harvest of Resilient Crops (Monamon Sur)	



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Prepared by:


RUFINO S. PIAYAS
Staff, SAFE Project

Noted:


ELMER D. PAKIPAC
SAFE Project Leader

Reviewed:


VILMA C. SAPIL
Coordinator, Learning and Development

Funds Available:


REXON T. DAMAYAN
Accountant III

Approved:


REXTON F. CHAKAS
College President

NOTE:

1. Funds Available portion of this form shall be initialed by the Director for Budget & Fiscal Planning before the Accountant signs.
2. Approval shall be initialed by the Director for Human Resources (HR) before the College President finally approves.
3. For GAD appropriated activities, Noted by portion shall be initialed by the GAD Focal Person.