



Republic of the Philippines

Mountain Province State Polytechnic College

Bontoc, Mountain Province

TERMINAL REPORT

Activity Title: Training on water Management

Extension Component	: Technology Transfer
Extension Program	: Continuing Education for Professionals, Personnel & Farmer Cooperators
Cooperating Agency	: LGU Bauko and Sadanga
Implementing Department	: MPSPC RDE (Extension Unit)
Activity Coordinator	: Rufino S. Piayas
Actual No. of Participants	: 50 (Farmer Co-operators, SAFE Project Staff)
Actual Venue	: Monamon Sur, Bauko
Actual Date of Implementation	: June 18 - 19, 2018
No. of Activity Days	: 2 days
Source of Fund	: SAFE Project Fund (Training expenses)
Total budget Requirement	: PHP 32,200 .00

Executive Summary

The activity aims to enhance the farmer's knowledge and skills on water management. This is also allow the famers understand and appreciate for themselves its use and importance through lecture and demonstration. The activity was postponed from June 7 - 8, 2018 to June 18 - 19, 2018 to allow the farmer cooperators attend this activity because they were not available on the scheduled date.

The SAFE Project team traveled on the morning of June to Monamon. The Activity started at 9:00am with a prayer offered for the success of the training. The first speaker immediately took over to allow him more have time to lecture on the topics allotted to him. The participants cooperated by listening and interacting with what is being lectured. Question and answer were entertained during and after the lecturers. The morning snacks was therefore served to make more the participants more active and energetic. Lectures continued until 12 PM and our lunch was served.

The second resource speaker gave his lectures on the afternoon. While the speaker gave his lectures he allow the participant interact with him through questions and answers. After this, impressions from the participants was acknowledged. Secondly, assessment were floated to determine the effects of the trainings on the knowledge and skills of the participants. Finally, the first day of the training end at 3PM. Assessments was conducted and after that afternoon snacks was served and we prepare for departure.

For the second day of the training, it was purely demonstration on drip irrigation - a technology to be introduce to the farmers. The participants gathered at the demo farm to observed and learn on the technology to be demonstrated. The participants enjoyed the said activities especially that they were able to appreciate and understand its use. We had our lunch at 12PM and resumed the hands-on activities at 1PM at the demo farm. The activity was ended at 2:30PM. Closing remarks was delivered by the Farmer leader and we conduct a post evaluation and then Snack was served. We then gave tokens to the resource speakers and packed our things and then we fled home.

Lastly, the trainings was generally successful because we've attained our objectives having a good impressions from the participants.

Prepared by:

Noted by:

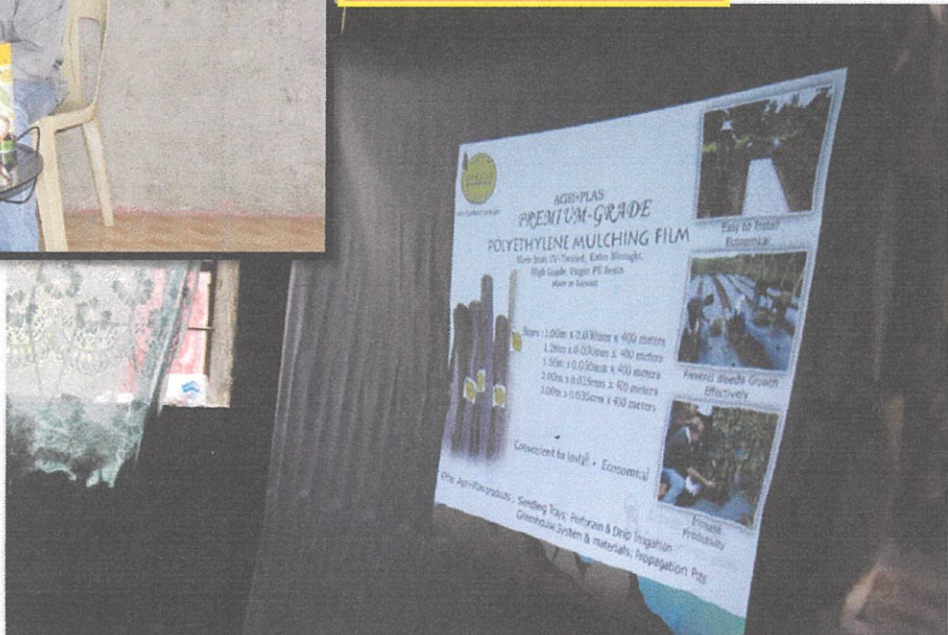

RUFINO S. PIAYAS
Research Assistant


ELMER D. PAKIPAC
SAFE Project Leader

PHOTO DOCUMENTATION DURING THE TRAINING ON WATER MANAGEMENT HELD IN LIWANG, MONAMON SUR, BAUKO, MOUNTAIN PROVINCE



**Mr. Mark Discussing
on the technologies on
water Management**



**The resource person showing the
different parts of the drip kit to be
installed at the demo farm**



Demonstrations on the installation of the drip kit





ATTENDANCE SHEET

Training on Water Management

Check Specify Type	Meeting
	Training
	Orientation

DATE	JUNE 18-19, 2018	Venue: Monamon Sur, Bauko, Mountain Province			
NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	JASON PAKIPAC	FARMER COOPERATOR	/		
2.	VOBER TRIGO	"	/		
3.	HENRY LIKKAP	"	/		
4.	JESSIE F. LONGIN	RDB - BANGANG CAMP	/		
5.	EFREN LOOGAN	PO. TREA.	/		
6.	BEN LOOGAN	POV.P.	/		
7.	JOHN MOC-ENG	MEMBER	/		
8.	Soljeann Agandao	"		/	
9.	LOOGAN CEO A	FARMER	/		
10.	BALLO, KIM JAY	MEMBER	/		
11.	Ballo, Gerald K	Member	/		
12.	Polino S. RAYAS	RDE-MPSPC	/		
13.	Ian Michael Lambino	RDB	/		
14.	Margarita Ballo	Member		/	
15.	Milton Ballo	"	/		
16.	Robert Pakipac	"	/		
17.	Crisincio PANDANICO	"	/		
18.	PAUL Estoro	"	/		
19.	Lae Marvin Mek-eng	MEMBER	/		
20.	EDDIE OXAYET	"	/		
21.	REX OMOKET	"	/		
22.	JIMMY AYHAT	"	/		
23.	JULIOS BALLO	"	/		
24.	ALEXAMPER LOOGAM	"	/		
25.	ROGER BALLO	"	/		
26.	MILTON BALLO	"	/		
27.	ELIXIST BALLO	"	/		
28.	Galina Atingjar	"		/	
29.	OSCAR Malia-ma	"	/	/	



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Research, Development and Extension Sector
Bontoc, Mountain Province

30.	BALACIO BARKUA	MEMBER	MALE		
31.	Junie Molintas	MEMBER	"		
32.	Romeo Alcantara	MEMBER	"		
33.	Clinton Aringdar	"	Male		
34.	Mtisenen Jerome	"	"		
35.	Himrod Pakipac	"	"		
36.	Stephen Trigo	"	"		
37.	Darcasa Estora	Member		Member	
38.	OTITA Fajon	"		✓	
39.	BALLO, KIM JAY	"	✓		
40.	ROGER C. BALLO	"	-		
41.	Marlyn Ballo	"		-	
42.	Luzlyn Aguilang	RDU		-	
43.	Abulth Odanggan	RDU		-	
44.	Emmie Aray	RDE		-	
45.	MARGARITA LO-OCAN	MEMBER		✓	
46.	DARITH LUIS	MEMBER		-	
47.	Francisca C. Lumpang	Member		Female	
48.	Angela	RDE	✓		
49.	May Crislin Guminda	RDE		✓	
50.	Elmer Dela Cruz		✓		

CERTIFICATION

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

This is to certify further that the meals/snack claimed for payment by the caterer was served to the above participants.

ELMER D. PAKIPAC
SAFE PROJECT Leader



Republic of the Philippines
Mountain Province State Polytechnic College
Bontoc, Mountain Province
RESEARCH DEVELOPMENT AND EXTENSION SECTOR



ACTIVITY DESIGN

I. ACTIVITY IDENTIFICATION

Activity Title: **Training on Water Management**

Extension Component: Technology Transfer

Extension Program: Continuing Education for Professionals, Personnel and Farmer Cooperators

Implementing Department: Extension Unit

Participants: 50 (30 Farmer Cooperators, 10 other farmers, 10 MSPC Personnel and LGU Personnel)

Venue: Monamon Sur, Bauko

Date: June 7-8, 2018

Budget Requirement: **PHP 32,200.00**

Source of Fund: SAFE PROJECT FUND (Training Expenses)

II. RATIONALE:

Water is essential for human activities. For agriculture alone it has a major role for the growth and production of crop commodities. Without water the life cycle of plants is impossible to continue. Water, once an abundant natural resource, is becoming a more valuable commodity due to droughts and overuse. The adverse effect of climate change contributed to the shortage of water in some parts of the world. For the Philippines drought or shortage of water is being felt during dry season. This prompted researchers and scientist to developed technologies in response to drought phenomena.

For Mountain Province the hazard issues attributed to climate change includes drought from the month of February to April, torrential rains and typhoons and strong easterly winds from December to February. In Upper Bauko which is named as the vegetable bowl of Mountain Province is experiencing drought or shortage of water supply during dry season. This uncontrolled climate condition affects the production of vegetable commodities because the water source usually dries up or becomes less during this season of no rain. Technologies were developed in response to this climate change hazard. Through mature technologies which to be introduce to farmer cooperators could be beneficial to them if adopted in response to drought hazard.

Water resource management is the activity of planning, developing, distributing and managing the optimum use of water. It is a sub-set of water cycle management. Ideally, water resource management planning has regard to all the competing demands for water and seeks to allocate water on an equitable basis to satisfy all uses and demands. Water Management is important since it helps determine future Irrigation expectations.

The SAFE Project entitled, Disaster Risk Reduction on Climate Change Impact on Vulnerable Farms in Mountain Province funded by the Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development (PCAARRD) is now on progress on its implementation. One of the output of this project is to introduce matured technologies. One of the interventions in response to drought is water management like the drip irrigation system. Introducing to farmer this kind of technology will allow the farmers appreciate its use and importance as far as drought is concern. Training on water management using this type of technology will be conducted in order for the farmer cooperators on the said project to at least understand and appreciate for themselves its use and importance through lecture and demonstration. Moreover, the technology will be installed at the demo farm purposely as learning site for farmers.

III. OBJECTIVES:

1. Knowledge and skills enhancement on water management,
2. Knowledge enhancement on soil fertility management and
3. Knowledge enhancement on gender and development in relation to farm water management

IV. SPECTED OUTPUT

1. Enhanced knowledge and skills of the participants on the topics to be discussed.

V. METHODOLOGIES

The lecture discussion will be employed during the training. Demonstration will be also done related to the topics. To augment the lectures on water management actual farm visit will be conducted. Assessment will be floated before and after each activity to determine the effects of the trainings on the knowledge and skills of the participants.

VI. BUDGETARY REQUIREMENT

Particulars	Quantity	Unit	Unit Cost (PHP)	Total Cost (PHP)
A.M Snacks	50 (2 days)	Pax	60	6,000.00
Lunch	50 (2 days)	Pax	120	12,000.00
P.M Snacks	50 (2 days)	Pax	60	6,000.00
Dinner	20	Pax	120	2,400.00
Sub-total				26,400.00
Supplies and Materials				
Certificate Paper	1	ream	300.00	300.00
Notebook	50	Pcs.	30	1,500.00
Sub-total				1,800.00
Speaker's Kit	1	pack	1000	1,000.00
Transportation Expenses				
Gasoline and Oil				3,000.00
Grand Total				32,200.00

VII. ACTIVITY SCHEDULE

Day 1	Person Responsible
Registration	c/o SAFE Project Staff
Prayer	c/o SAFE Project Staff
Welcome Remarks	Project Leader

Presentation of the overview of the Training	<i>Activity coordinator</i>
Introduction of Speaker 1	<i>Activity Coordinator</i>
Topic 1. Water management – Drip irrigation Lecture and Demonstration	<i>Resource Speaker</i>
Day 2	
Registration	<i>SAFE Project Staff</i>
Introduction of Speaker 2	<i>Activity Coordinator</i>
Topic 2. Soil fertility management	<i>Mr. Joel C. Faroden</i>
Introduction of Speaker 3	<i>Activity Coordinator</i>
Topic 3. Gender and development	<i>Mr. Kieth Jimson B. Mang-usan & Dr. Annie Grail F. Ekid</i>
Impressions	<i>Participants</i>
Assessment	<i>C/o SAFE Project Staff</i>
Closing remarks	<i>C/o SAFE Project Staff</i>

VIII. RECOMMENDATION AND APPROVAL

Prepared by:


RUFINO S. PIAYAS
Research Assistant

Noted by:


ELMER D. PAKIPAC
Project Leader

Recommended by:


ANNIE GRAIL F. EKID
VP for Research Development
and Extension

Funds Available:


IMELDA D. GUIDANGEN
Accountant III

Approved:


REXTON F. CHAKAS
College President