



EXTENSION PROGRAM/PROJECT PROPOSAL

Program Title : Increase Adoption of Participatory Eco-Farming Technologies for Eastern Visayas

Proponents :

Program Leader

Name: Jerome O. Arribado
Designation: Instructor
Unit/Office: Eco-FARMI
Contact Number: 09306768674
Email Address: jerome.arribado@vsu.edu.ph

Project Leader

Name: Dhenber C. Lusanta
Designation: Instructor
Unit/Office: Eco-FARMI
Contact Number: 09688546786
Email Address: dhenber.lusanta@vsu.edu.ph

Implementing Unit: Ecological Farm and Resource Management Institute (Eco-FARMI), Visayas State University

Collaborating Units/Agencies:

Name of Agency: City Agriculture Office, Baybay City
Nature of Involvement: Partnership
Address: Baybay City
Contact Number: 09173015378
Email Address:

Name of Agency: Municipal Agriculture Office, Merida, Leyte
Nature of Involvement: Partnership
Address: Merida, Leyte
Contact Number:
Email Address:

Development Thematic Area: Agricultural Science and Technology-based Livelihood/Entrepreneurship

Project Sites: Eco-FARMI Demonstration Farm in VSU, Selected Farmer's Association of Baybay City, Municipality of Merida, and Municipality of Bato,

and 2 learning sites from Brgy. Binabaye,
Merida and Brgy Malazarte, Matag-ob, Leyte

Duration:

24 months

Proposed Budget:

Php 682,000.00

I. TECHNICAL INFORMATION

A. Rationale

The ecological-based sustainable agriculture aims to mitigate the environmental degradation, loss in genetic biodiversity, low sustainability and other issues related with the present conventional agricultural production system. It looks beyond production such as on issues of quality of life for the individual farm family, the profitability of the whole farm system, and the resilience of the rural community along with environmentally benign practices. For example, instead of relying so much on purchased fertilizers, a farmer uses crop rotations and leguminous cover crops to provide much of the fertility that crops need. With an ideal balance, the soil need not be mined but nutrients extracted would be replaced and the farm would remain in a productive nutrient balance over time. Weed control would rely less (or never) on herbicides but would use rotations, planting dates and densities and mechanical.

The organic sector needs to have an appropriate industry development plan to set the proper directions for its growth over the medium to long term and define its coverage parameters. A fundamental requirement for continued development is expanding the local market's awareness and acceptance of organic produce. Over the short to medium term, the organic sector needs to significantly expand market awareness for its products and improve producers' capability to supply organically certified and properly packaged items to the market. Specific programs which the sector can consider undertaking include the following: 1) market development program which combines commercial marketing and social marketing; 2) research/development on organic production and processing and the dissemination of R & D findings; 3) establish a resource information and advocacy center that will keep and enhance the knowledge-based assets of the organic sector and make these accessible for stakeholders' knowledge and guidance; 4) human resource development builds the capability of the various stakeholders in critical areas of technical, marketing, and management functions essential for organic production; and 5) financial sustainability program will aggressively source and build up funds for the development of the sector.

B. Objectives

This extension program aims the following;

1. Increase adoption of organic farming,
2. Provide technical support on different organic farming practices, and
3. Improve the Eco-FARMI demonstration farm facilities and production areas for crops, poultry, and livestock in compliance with TESDA NC II Certification.

C. Major Program Components

Project 1: Capability Building and Provision of Technical Assistance on
Organic crops, Poultry, and Livestock Production

Project 2: Improvement of Ecological Farm in Matab-og, Merida, and Bato,
Leyte

Project 3: Enhancement of Eco-FARMI Demonstration Farm in Compliance
with TESDA NC II Certification in Organic Agriculture Production

D. Beneficiaries

The target beneficiaries under this extension program are as follows:

Project 1: Individual or Farmer Associations, Agricultural Technicians, and Students

Project 2: Members of the Faith-based Association, and nearby communities

Project 3: Individual or Farmer Associations, Agricultural Technicians, Students,
and Educators

E. Expected Outcome

Project 1: a. Improve knowledge, skills, and abilities on the production of
organic inputs

b. Increase adoption of Organic Agriculture Practices

Project 2: a. Increase farmers adopting Organic Agriculture Practices

b. Adoption of Sustainable Organic Agriculture

Project 4: a. Improve farm facilities as well as farm produce

b. Organic Agriculture Production NC II holder

F. Potential Impact

1. Increase farmer's income
2. Increase farmer's adoption on organic way of farming
3. Availability of naturally produced agricultural commodities/products

G. Methodologies/Strategies

Projects 1 and 2 will be carried-out through the following;

1. Courtesy calls/meeting/ Focused Group Discussion (FGD)
2. Farm Planning
3. Training and capacity development
4. Conduct on-site hands-on training,
5. Project monitoring and farm visits
6. Cross-site visit

Project 4 will be conducted as follows;

1. Inventory of existing farm tools and equipment
2. Acquisition of needed farm tools and equipment for TESDA NC II compliance
3. Rehabilitation and improvement of farm facilities and production areas
4. Preparation and Submission of required documents for TESDA NC II certification

H. Detailed Work Plan Schedule

Objectives	Major Activities	Duration (Quarter)							
		1Q Y1	2Q Y1	3Q Y1	4Q Y1	1Q Y2	2Q Y2	3Q Y2	4Q Y2
Increase adoption of organic farming	1. Training on Bio-fertilizers (IMO6 and Vermicompost)	X		X	X	X		X	X
	2. Training of Natural Farming Inputs (FAA, OHN, IMO2, FPJ, FFJ, IC, & NIR)	X	X		X	X	X		
	3. Training on Poultry and Livestock Production/Feed Formulation	X		X		X		X	X
	4. Monitoring and Evaluation	X	X	X	X	X	X	X	X
Provide technical support on different organic farming practices	1. Farm visit/consultation	X		X					
	2. Training and capacity building		X		X				
	3. Monitoring and Evaluation	X	X	X	X	X	X	X	X

Improve the eco-FARMI demonstration farm facilities	1. Rehabilitation of crops, Poultry, and livestock production areas	X	X	X	X	X	X	X	X
	2. Proliferation of farm animals	X	X	X	X	X	X	X	X
	3. Repair storage facilities	X	X	X	X	X	X	X	X
	4. Preparation and submission of required documents for TESDA NC II certification			X	X				

I. Line Item Budget

Budget Items	Unit	Unit Cost (Php)	No. of Units (months)	Unit Total (Php)	Total (Php)
--------------	------	--------------------	-----------------------------	---------------------	-------------

I. Personal Services

A. Salaries and wages

Research Extension Assistant	2	226,000			452,000.00
------------------------------	---	---------	--	--	------------

II. MOOE

A. Travel and Communication					100,000.00
B. Trainings/Meetings/ Seminars/Workshops/Consu ltations					100,000.00
C. Office supplies					30,000.00

III. Total Cost					682,000.00
------------------------	--	--	--	--	-------------------

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Activities: 1. Conduct training on Organic fertilizers 2. Conduct training on VERMI Composting 3. Training on Natural Farming Inputs (FAA, OHN, IMO2, FPJ, FFJ) 4. Training on Organic Livestock and Poultry production/Organic Feed Formulation 5. Conduct cross-visit on existing organic farms 6. Conduct benchmark survey 7. Conduct focused group discussion	Inputs: *Training supplies and materials = P8,000 *Trainers/facilitators *Fuel & Oil = 30,000 *Food = 30,000 *TEV (Driver, trainers, facilitators) – 13,600	Vouchers, acknowledgement receipts, brochures on organic agriculture production, photodoc, and progress reports	* Farmers are willing to attend trainings * BLGU is willing to support organic agriculture *Farmer are willing to attend cross site visit
PROJECT 2. Improvement of Ecological Farm in Matabog, Merida, and Bato, Leyte			
Goal: Sustainable ecological farm income	10% increase in income/year	*Impact evaluation report	Local Governments are willing to support organic agriculture
Purpose: Increased farmers income	Increase organic farm production	*Monitoring and evaluation report	Farmers are willing to adopt the production of organic produced
Outcome: 1. Increased farmers adopting Organic Agriculture Practices	* 1 farm adopting organic farming technologies	* Terminal reports *Documentation reports	Farmers are willing to cooperate/attend training and cross visits

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

J. Logical Framework

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
PROJECT 1: Capability Building and Provision of Technical Assistance on Organic Crops, Poultry, and Livestock Production			
Goal: Increased Farmers income through organic farming	*10% increase in income/year	*Impact evaluation report	The project management and BLGU commit to support organic agriculture
Purpose: Improved Organic Crop Production	*Organic crop, poultry, and livestock production increase by 10-20% after 3 years	*Monitoring and evaluation report	*Continued high demand of organic farm products *Project fund is released on time
Outcome: Improved knowledge, skills and abilities on the production of organic inputs Increased adoption of Organic Agriculture practices	* 10% of trained farmers adopting organic farming technologies * Conducted 5-10 hands-on training on organic farming technologies * Conducted 2 cross site visits	* Terminal reports * Documentation reports * Quarterly report	* Farmers sustained the adoption of organic farming

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

2. Organic Agriculture Production NC II holder	combination of legumes, forage grasses and herbs Increased vegetable production; *Expanded and improved farm storage facility *Brochures, leaflets, and flyers on different Natural Farming System	Photodocs, progress reports, NC II certificate	*On-time release of allocations in line with the proposed activities and work plans; *Continuing support of the institution
3. Online access of IEC material on Organic agriculture practices			
Activities:			
1. Establish pasture legumes and forage grasses, organic vegetable and herb garden	Inputs: *Supplies and Materials=102,000 *Laborer/Mason/Helper=30,000 *TEV = 30,000	Vouchers, acknowledgement receipts, brochures on organic agriculture production, photodoc, and progress reports	*Continuous support of institution in organic agriculture *On-time release of allocations
2. Improve farm storage facility			
3. Attend training and seminars on Organic Agriculture production (NC II)	*Ink for Epson (bk,y,c,m) = 5,000 *Glossy Papers=10,000 *Bond paper=3,000 *Gasoline=3,000 *Printing Press=40,000		
4. Lay outting/Editing of materials			
5. Reproduction and letter press printing			
6. Dissemination of IEC materials			

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.