



**VSU EXTENSION PROJECT  
ANNUAL ACCOMPLISHMENT REPORT**

**CY 2022**

**I. Basic Information**

1. Program/Project Title: Horticulture for Environment and Livelihood Promotion

Program/Project Leader:

2. Project Component (s):  
Staff Involved:

Proponents (s)  
Project Leader

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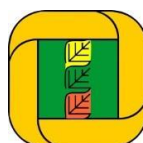
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3. Implementing Unit: Department of Horticulture, Visayas State University
4. Cooperating Agencies:
5. Program/Project Sites: Dept. of Horticulture VSU
6. Duration
  - a. Date Started: 2015
  - b. Expected date of completion: Continuing
7. Financial report for the year under review



- a. Total approved budget:
- b. Actual released budget: P 159,000.00
- c. External support or counterpart funds from cooperating agencies:
- d. Actual expenditures: P 159,000.00

## **II. Technical Report** (not more than 25 pages including the tables and charts)

### **A. Executive Summary**

Vegetables, fruits, ornamentals and industrial crops are high-value horticultural crops that could help in building sustainable economic and food security and resilience to climate change. This is crucial for Region 8 where poverty is still at a rate of (30.86%), and malnutrition lingers with more than 53,000 children under 5 years old stunted in growth (NEDA 2018 and PNA 2020). Region 8 has vast land resources and favorable climate for horticultural crop production. At present, it imports most produce from other regions. Vegetable and fruit consumption is also low due to limited supply and high prices.

### **B. Rationale**

Horticulture plays a crucial role in the total well-being of the Filipino. In Eastern Visayas, about half of the population is dependent on horticulture produce for livelihood. The sector is a major source of food. Many fruits, ornamentals and plantation crops are among the identified export winners of the Philippines. Vegetables, along with fruits are among the much-desired food items that should enrich the Eastern Visayan diet, the region's malnutrition problem being among the worst in the country. This situation then makes agricultural development a top and an urgent priority of governance in the region.

Region 8 has vast land resources and favorable climate for the production of horticultural commodities. However, it has remained a net importer of these vital products. Thus, consumption rates, especially for fruits and vegetables, are low either because of limited supply or due to their unaffordability. There is a need to increase the production of horticultural



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commodities to bring about self-sufficiency and affordability of these essential products. In the process, the vast idle land resources will be effectively utilized and jobs will be created.



**General Objectives:**

- To hasten the development of horticultural industries in Region 8

**Specific Objectives:**

- Seed production of vegetables and fruit trees planting materials
- Train farmer-leaders and technical personnel in coordination with Department of Agriculture and Local Government Units.
- Provide technical assistance to farmers and other clients.
- Produce and distribute extension materials on various horticultural aspects.
- Disseminate technical information.
- Sustain linkages with cooperating farms and nurseries.



### C. Logical Framework

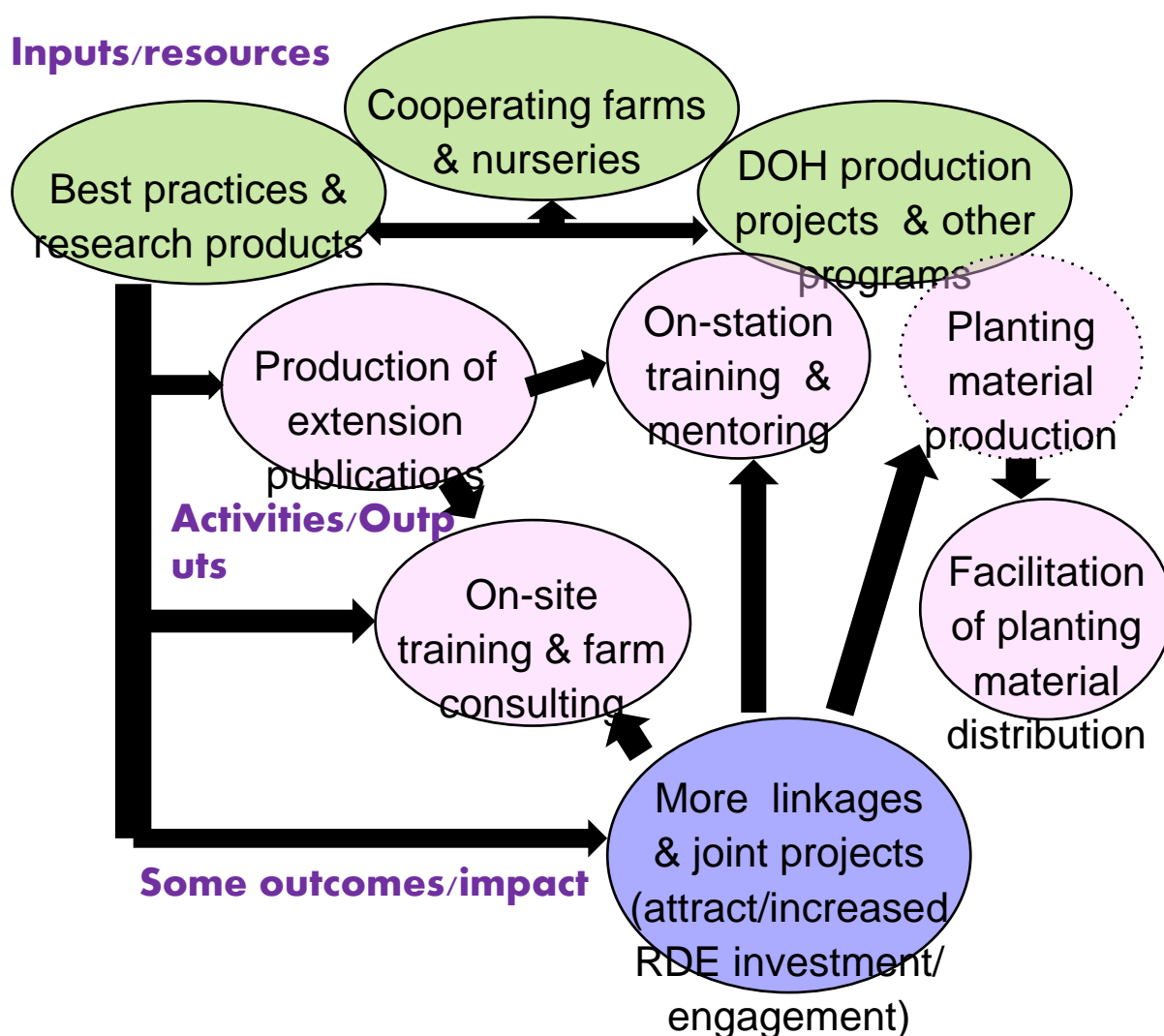
Input	Activities	Output	Outcome	Impact
Budget: P 159,000 Personnel: 1 Project Leader 8 Horticulture Experts 1 Research Assistant 1 Job order	Planting of vegetable for seeds such as okra and beans; and patola, eggplant and chilipepper for roostock seeds	Availability of at least 20 kilos of seeds	Uninterrupted supply of locally produced seeds of vegetables	Improved food security and livelihood
	Distribution of locally produced vegetable seeds to interested clients	At least 100 families will be able to receive vegetable seeds	Increased access to reliable seed supply of vegetables	
	Distribution of Vegetable seedlings to interested clients	At least 500 families will be able to receive vegetable seeds	Increased access to reliable seed supply of vegetables	Improved food security and livelihood
	Conducted training to interested clients	At least 5 trainings to be conducted	Increased capability of interested clients	Improved food security and livelihood
	Conducted requested trainings	At least 10 requested trainings	Increased capability of interested clients	Improved food security and livelihood
	Revised brochures	At least 2 brochures	Increased capability of interested clients	Improved food security and livelihood



#### D. Methodologies Employed

Seed production of locally grown vegetables such as okra and pole sitao and vegetables used for rootstock in vegetable grafting like chili pepper, patola and eggplant.

The project continued to cater to the four (4) horticultural commodity groups (ornamentals, vegetables, fruits and plantation crops) using major approaches/strategies that emphasize farmer participation and capability enhancement of LGU personnel. Special purpose projects intended for specific groups of clients were likewise implemented in collaboration with other institutions and agencies. Conducted trainings and upon request by ATI, LGU's, PO's and other government agencies.





## E. Results/Accomplishments

Multidisciplinary extension/outreach through the HELP, and other programs were forged. These were the important activities of the year.

1. Conducted Fifteen (24 Trainings (Lecture with Demonstrations and Hands-on activities) and seminars requested by ATI, LGU's, NGO's and SUCs.
2. Served more than 500 clients on Ornamentals
3. Served more than 500 clients on pomology and nursery management
4. Produced vegetable seeds and seedlings for distribution to frontliners, Faculty and staff, neighboring barangay's and other interested clients.
5. Revised handouts, training guides, and brochures /reprinted and distributed more than 100 copies to organization heads and private individuals.
6. Documented and provided seeds/seedlings to VSU frontliners, faculty and staff and neighboring barangays

Year period	Activities	Output	Outcome	Impact
2022	Planting of vegetable for seeds such as okra and beans; and patola, eggplant and chili pepper for roostock seeds	Availability of at least 10 kilos of seeds	Uninterrupted supply of locally produced seeds of vegetables	Improved food security and livelihood
	Distribution of locally produced vegetable seeds to interested clients	At least 100 families were able to receive vegetable seeds	Increased access to reliable seed supply of vegetables	
	Distribution of Vegetable/fruit tree seedlings to interested clients	At least 500 families were able to receive vegetable seedlings/fruit tree seedlings	Increased access to reliable planting material	Improved food security and livelihood



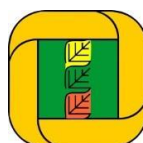


	Conducted trainings to interested clients	24 trainings were conducted with outstanding rating	Increased capability of interested participants	Improved food security and livelihood
	Conducted requested trainings	conducted 12 requested trainings	Increased capability of interested clients	Improved food security and livelihood
	Revised brochures	2 brochures Vegetable grafting and hydroponics	Increased capability of interested clients	Improved food security and livelihood

Title of Training/Seminar/Workshop	Date conducted	Venue	No. of Participants	Sponsoring Agencies
Title of Training/Seminar/Workshop	Date conducted	Venue	No. of Participants	Sponsoring Agencies
Training on the Bayan-Anihan Approach of Vegetable Production	January 13, 2022	Sogod Southern Leyte	20	VSU
Training on the Bayan-Anihan Approach of Vegetable Production	February 3, 2022	Sogod Southern Leyte	10	VSU
Training on the Bayan-Anihan Approach of Vegetable Production	February 11, 2022	San Juan, Southern Leyte	20	VSU
Training on hydroponics	February 24, 2022	Tabango Leyte	10	PCAARRD and VSU
Farmer's Field School on Stepped GAP on Vegetable Production Level 3	March 8, 2022	Baybay City, Leyte	13	ACIAR, VSU, ATI



Training on the Bayan-Anihan Approach of Vegetable Production	March 11,2022	San Francisco Southern Leyte	28	ACIAR, VSU, ATI
Farmer's Field School on Stepped GAP on Vegetable Production Level 3	March 18,2022	Brgy. Cabintan, Ormoc City	22	ACIAR, VSU, ATI
Farmer's Field School on Stepped GAP on Vegetable Production Level 3	March 22,2022	Brgy. Cabintan, Ormoc City	11	ACIAR, VSU, ATI
Farmer's Field School on Stepped GAP on Vegetable Production Level 3	March 25,2022	Brgy. Cabintan, Ormoc City	21	ACIAR, VSU, ATI
Vegetable Production Technologies: Protective Cultivation and Drip Irrigation with Field Observation	March 30,2022	Pongos Hotel Ormoc City leyte	34	ATI
Vegetable Production Technologies: Hydroponics and Grafting	March 30,2022	Pongos Hotel Ormoc City leyte	34	ATI
Vegetable Production Technologies: Maturity Indices, Appropriate Age of Harvesting and Postharvest handling, Washing and Packaging	March 31,2022	Pongos Hotel Ormoc City leyte	33	VSU, ATI
Training of Trainers on Good Agricultural Practices (GAP) on Vegetables Production	March 28-April 1, 2022	Ormoc City	34	ATI-RTC 8
Farmers' Field School on Stepped GAP on Vegetable Production Level 3 (Baybay)	April 19,2022	Baybay, City	15	ACIAR, VSU, ATI
PhilGAP Caravan	April 26,2022	Brgy. Cogon Baybay City	46	BPI, DA-RFO 8, ACIAR, VSU, ATI
Farmers' Field School on Stepped GAP on Vegetable Production Level 3 (Ormoc)	April 29,2022	Brgy. Cabintan, Ormoc City	23	ACIAR, VSU, ATI
Farmers' Field School on Stepped GAP on Vegetable Production Level 3 (Ormoc)	May 13,2022	Ormoc, City	27	ACIAR,VSU,ATI
Farmers' Field School on Stepped GAP on Vegetable Production Level 3 (Baybay)	May 24,2022	Baybay City, Leyte	15	ACIAR,VSU,ATI
Farmers' Field School on Stepped GAP on Vegetable Production Level 3 (Ormoc)	May 27,2022	Brgy. Cabintan, Ormoc City, Leyte	23	ACIAR, VSU, ATI



Hydroponics Training on Lettuce Production	June 03,2022	Samar	11	DOST- 8
Farmers' Field School on Stepped GAP on Vegetable Production Level 4 (Ormoc)	June 3,2022	Brgy. Cabintan,Ormo c Leyte	21	ACIAR, VSU,ATI
Training on Good Agricultural Practices (GAP)-anchored to Cacao Production	June 6-10, 2022	AES, Abuyog, Leyte	25	ATI-Regional Training Center VIII
Training on Off-Season Pineapple Production for Tagbaya-on Farmers Association (TAFa)	June 06-07,2022	Brgy..Tagbaya-on, Jiabong, Samar	23	DOST-8
Farmers' Field School on Stepped GAP on Vegetable Production Level 4 (Baybay)	June 7, 2022	Baybay City, Leyte	15	ACIAR, VSU, ATI
Training of Trainers ( TOT) on GAP-Anchored Cacao Production	June 8 & 10,2022	AES, Abuyog, Leyte	32	ATI-VSU
Training of Trainers on GAP-Anchored Banana Production	June 24,2022	ATI-VSU	12	ATI-VSU
Urban Gardening using Hydroponics Technology	December 02,2022	Maasin	43	LGU Maasin
Training on Hydroponic, Vegetable Seedling Grafting and Bio-Fertilizers Production	December 05,2022	Baybay City Leyte	55	VSU & LGU Baybay City
Production and Marketing Management Training	December 16, 2022	TBI Board Rm VSU, Baybay City Leyte	18	CME VSU

## F. Problems Met and Recommendations

Limited funding

## G. Plans and Target for the next year (if continuing program/projects)

Objectives	Major Activities	Duration (Months)											
		1	2	3	4	5	6	7	8	9	10	11	12
1. <i>Production of locally grown vegetables for seed production</i>	Seed Production of okra, beans, eggplant (rootstock) , patoa (rootstock and Chilipper (rootstock0	/	/	/	/	/	/	/	/	/	/	/	/



2. <i>Production of fruit trees planting materials</i>	Lemonsito, rambutan, jackfruit, durian	/	/	/	/	/	/	/	/	/	/	/	/	/
3. <i>Conduct trainings to farmer leaders to agri technicians</i>	Conduct at least 10 trainings	/	/	/	/	/	/	/	/	/	/	/	/	/
4. <i>Provide technical assistance on call</i>	Walk in clients, thru emails, thru phone calls	/	/	/	/	/	/	/	/	/	/	/	/	/
5. <i>Produce technoguide/ brochures</i>	Produced at least 3 brochures	/	/	/	/	/	/	/	/	/	/	/	/	/

Prepared by:

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