

The 36<sup>th</sup> International Vegetable Training Course “Vegetables: From Seed – Harvest” Module 1

# Development Action Plan

## Sustainable Home Vegetable Garden



Mr. Jeffrey S. Erungel



World Vegetable Center

# Content

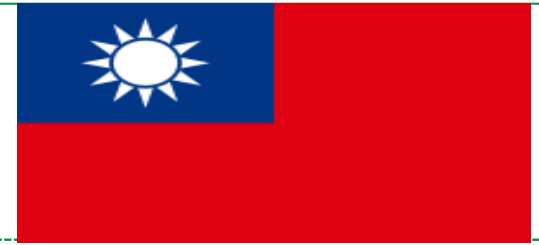


- Introduction
- Three topics found
- Why needs to establish home vegetable garden
- Objective
- Methodology
- Potential challenges
- Activity planning
- Budgeting





# Introduction



## Self introduction

Jeffrey S. Erungel  
Domestic Service Officer II  
Bureau of Domestic Affairs  
Ministry of State  
Republic of Palau



## Country Introduction

Republic of Palau is Located in the westernmost part of the North Pacific and close to Philippines, Indonesia and Papua New Guinea. Palau population as of 2016, is 21,503.





# Why we need to establish Home Vegetable Garden?



- Vegetable products sold in the Grocery Store and market are Mostly Imported
- Provide Vegetable consumption for household with healthy nutrition
- Saving Household Income from buying vegetables in the market
- Community needs to understand the benefit of eating home grown vegetables



# Three Topics in Module 1, I found Useful



## Topics

- Protected Cultivation for Vegetable Crop Production
- Integrated Soil, Water, and Plant Nutrient Management for Sustainable Vegetable Product
- Vegetable Grafting

## Pictures



# Why we need to establish Home Vegetable Garden?



- Vegetable products sold in the Grocery Store and market are Mostly Imported
- Provide Vegetable consumption for household with healthy nutrition
- Saving Household Income from buying vegetables in the market
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# Objective



- To ensure all household of Palau will have essential nutrition and economic benefit through sustainable home vegetable garden



# Methodology



## ➤ Target:

- 2 Community Organizations (existing)
- 100 individual households
- 5 villages

## ➤ Activity:

- Develop the sustainable home vegetable gardening manual
- Select the household
- Provide the training on sustainable home vegetable gardening and production
- Provide the basic gardening tools
- Provide technical support/Visit and Monitoring





# Methodology



## ➤ When?

- January 2018 to December 2018

## ➤ Who?

- Jeffrey S. Erungel, Project Coordinator
- Bureau of Agriculture
  - ✓ 2 Extension Officers



# Methodology



- An advance technology for home vegetable garden
  - Compost making
  - Botanical pesticide
  - Seedling production
  - Land preparation
    - Bed raising
    - Drainage
    - Mulching
    - Staking
  - Water management
    - Drip irrigation
  - Good Agricultural Practice
    - Crop rotation
    - Livebearer
    - Pruning
  - Post harvest handling





# Potential challenges



- Insufficient funding
- Weather condition ( Wind, Rain, and Temperature)
- New technology will take time for grower's to adapt





# Activity Planning



Activity	J	F	M	A	M	J	J	A	S	O	N	D
Develop the home gardening manual	X	X										
Select the household to participate		X	X									
Provide the training on vegetable production				X	X							
Provide the basic gardening tools					X							
Monitoring/Technical support/Visit					X	X	X	X	X	X	X	X

# Budget Estimation



Activity Cost	Amount	Estimated \$
Develop the home gardening manual	135	1,080
Selection the household	130	260
Provide the training on vegetable production	130	675
Provide the basic gardening tools	135	2,025
Monitoring/Technical support/Visit	Lump sum	1,200
	Total cost	5,240

# Thank you for your attention!

