

# **Development Action Planning (DAP)**

**35<sup>th</sup> International Vegetable Training Course**

**“Vegetables: From Seed to Table and Beyond”**

**Module 3**

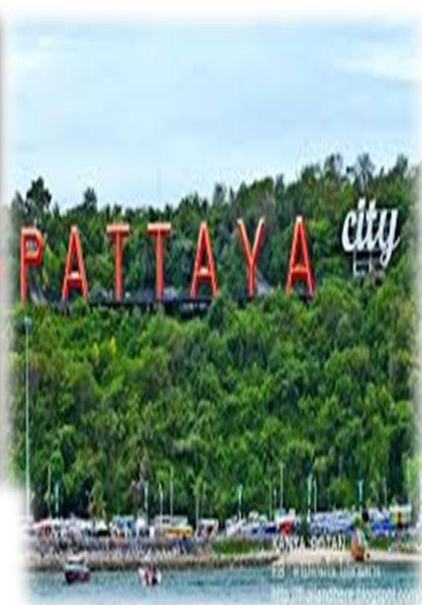




**Rattigan Intama,  
Postharvest and Processing Research  
and Development Division**









# AGRICULTURE IN THAILAND

- **49% of Thailand's labour in agriculture.**
- **Rice, vegetables and fruits are the crop in the country.**
- **The export volume of Thai agricultural products increases 10 % each year.**
- **Importers also require for a safe products**
- **Problems: insect pests and diseases.**





## **Vision**

Center of excellence in the field of crops research and development, in harmony with international standards and in adherence to the principles of natural resources conservation and environment protection

# The most useful three topics in module 3

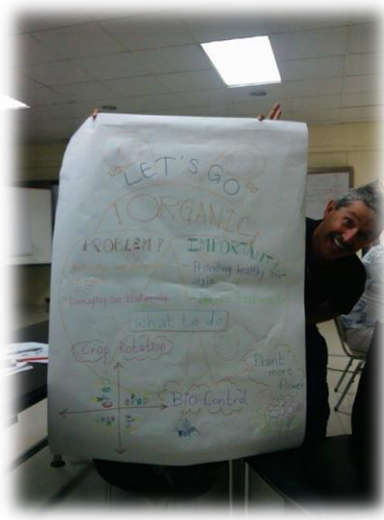
1. “Managing agricultural project for social change: How to design and implement monitoring, evaluation and reporting [Mer] system”

**By Mr. Thanapol Kheolamai, Maejo University.**

2. “Scaling up extension project” **By Dr. Mark Bell, UC Davis**

3. “Approaches to community development & the “ABCD” approach”

**By Dr. Anselmo Mercado, Philippines**







# **Sustainable Insect Pest Management: From Field to Export**

**A Research Project**

**Result base Project**



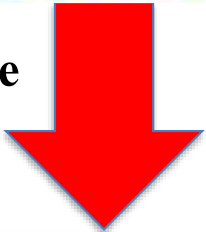
# PROBLEM

**Fruits**



**Fields**

**Examine**



**From**



**Insects**



**Exporting companies**



# WHY IT IS IMPORTANT TO SOLVE?

**Fruits**

Examine



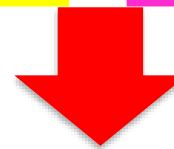
**Insects**



**IMPACT**

**Exporting  
Companies**

**Agriculturist**



**Lack of income**

**Suitable methodology for  
management insect pest  
in field**

**Suitable step to clean fruits  
before exporting**

**Two factors for sustainable insect pest  
management: From field to export**





# OBJECTIVES

**1. Getting the fruit growers and the exporting companies to work with us to test improve methods of insect pest management**

**2. The exporting companies can export fruits to another country**



# ACTIVITIES ON FIELD

ACTIVITIES	WHEN WILL THE ACTIVITIES TAKE PLACE	WHO WILL BE INVOLVED	WHAT RESOURCES ARE NEEDED
Set up a small scale on field to demonstrate efficacy of plant extract to control insect pest on fruits	February-June, 2018	Fruit growers	Fruit fields, Fruit growers
Conduct short term training sessions to teach them improved insect pest management by using plant extract	January, 2018	Fruit growers	Fruit fields, Fruit growers
Field days to demonstrate improved technique of insect pest management	1 time per month (February-June, 2018)	Fruit growers	Fruit fields, Fruit growers



# ACTIVITIES ON THE EXPORTING COMPANIES

<b>ACTIVITIES</b>	<b>WHEN WILL THE ACTIVITIES TAKE PLACE</b>	<b>WHO WILL BE INVOLVED</b>	<b>WHAT RESOURCES ARE NEEDED</b>
<b>Conduct training courses about step to clean fruits to technical staff of exporting companies</b>	<b>March, 2019</b>	<b>technical staff of exporting companies</b>	<b>Technical staff, Exporting companies</b>
<b>Technical brochures to distribute to their beneficiaries</b>	<b>March, 2019</b>	<b>Partner exporting companies</b>	<b>Exporting companies</b>
<b>Conduct survey to find out how many exporting companies have changed their methods</b>	<b>1 time per month (March-December, 2018)</b>	<b>Partner exporting companies</b>	<b>Exporting companies</b>

# CHALLENGES

## **Time**

- **Time management**

## **Environment**

- **Rainfall**

## **Partner organizations**

- **Fruits growers**
- **Exporting companies**



# OUTPUTS

- 10% of the fruit growers on field can improve methods of insect pest management

- 10% of the exporting companies can improve step to clean fruits

# OUTCOME

The exporting companies can export fruits to another country





THANK YOU FOR  
YOUR ATTENTION

