

Summary Report
APPPC Training Workshop on Fruit Fly Management
20-25 June 2016, Tien Giang, Viet Nam



Summary

*Tephritid fruit flies (*Bactrocera dorsalis* & *Bactrocera cucurbitae*)* are important insect pests, which are closely linked with food security and food safety in many Asia countries. It *causes direct damage to fruits and vegetables leading to 90-100% yield losses*. The infestations result in serious losses in trade value due to restrictions on market access and the compliance costs of phytosanitary measures for fresh fruit exported from countries with major fruit fly infestations. Meanwhile, the overuse of chemical pesticides resulted in potential risk to producers and consumers, as well as the environment and affect the export of the fruits of Viet Nam to other countries. Therefore APPPC Training Workshop on Fruit Fly Management was adopted as one of work plans by APPPC Standing Committee on IPM.

The training workshop was hosted by Viet Nam Plant Protection Department from 20-25 June 2016 in Tien Giang, Viet Nam with participation of 23 delegates from 14 countries. The workshop aims to provide an opportunity to improve capacity of participating countries in fruit fly management based on ecological approach.

The training workshop enabled participants to improve knowledge and skills of area-wide fruit fly management with ecological approaches. It benefited participants by improving their capacity in identification of several important fruit fly species by focusing on similarities and distinguish among species; enhanced knowledge of fruit fly management strategy especially 1-2-3 strategy, which includes use of protein baits, orchard sanitation and fruit fly monitoring by using traps (lures); learned how to organize fruit fly management farmer field schools (FFS) including arrangements of pre/post FFS in details, main context of the FFS as well as skills of communication with growers.

In addition, participants could share experience in fruit fly managements. Participants from China, Nepal, Pakistan and Philippines briefed other participants with their update status of fruit fly infestation and managements. Regional IPM programme highlighted pilot experiences of area-wide promotion and adoption of FF IPM-FFS in lower Mekong river basin countries (2010-2015) based on a former regional project (AIT/FAO).

Furthermore the workshop facilitated interactions among participants from IPM section and quarantine section as well as academic institute. It helped participants to enrich knowledge from field practice to exporting markets access requirements. Meanwhile delegates explored potential networking of collaboration in fruit fly managements.

The workshop was characterized with ownership of APPPC member, it has been reflected in the preparation, facilitation and participation of the workshop. Viet Nam PPD played key roles in organizing the workshop in collaboration with FAO and other member countries. This is a new trend of APPPC in the past 3 years. In addition, it was very participatory training workshop with active interaction among participants with hand-on exercises either in fruit orchards or in-door as well as group discussions.

It is hoped that all participants would act as master trainers in their own countries to enhance the capacity development in fruit fly management to contribute to the country food security and exporting market access capabilities. Meanwhile it is expected that all participants might be able to networking in the region for fruit fly management to share information on status and update development of fruit fly management, resources of expertise in identification as well as SOPs, etc.