



Food and Agriculture Organization  
of the United Nations



International Plant  
Protection Convention



中國農業大學  
China Agricultural University

# **Review and Summary of 1<sup>st</sup> Phytosanitary Technology Training of EIFFs in Sri Lanka**

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**FAO-IPPC Project, Sri Lanka, December 20, 2019.**



# **1. Review of the 1<sup>st</sup> Phytosanitary Technology Training of EIFFs**



# The 1<sup>st</sup> training of phytosanitary technology of fruit flies in Sri Lanka, Dec. 2019



## Content 1: basic information and knowledge

- **Presentation 1:** Introduction of Three-year Work Plan and 1st Phytosanitary technology training arrangement (by Dr. Zhihong LI).
- **Presentation 2:** Prevention and Control of Economically Important Fruit Flies (EIFFs) in China (by Dr. Zhihong LI)

## Content 2: technology of surveillance

- **Presentation 1 and 2:** Introduction of trapping systems for fruit flies' surveys and related suggestions for Sri Lanka (by Dr. Jiajiao WU).
- **Presentation 3:** Introduction of Emergency action plan on exotic fruit flies (by Dr. Jiajiao WU).
- **Practice:** Practical activities for checking and servicing of fruit flies trap in the field (by Dr. Jijiao WU).



## Content 3: technology of identification

- **Presentation 1 and practice:** The morphological identification of economically important fruit flies (by Dr. Zhihong LI and Mr. Yue ZHANG).
- **Presentation 2:** The molecular identification of economically important fruit flies (by Mr. Yue ZHANG and Dr. Zhihong LI).
- **Experiments:** Molecular identification of economically important fruit flies based on DNA Barcoding and PCR (by Mr. Yue ZHANG and Dr. Zhihong LI)



1<sup>st</sup> Phytosanitary Technology Training on Surveillance and  
Species Identification of Fruit Flies in Sri Lanka  
on  
16-20 December 2019  
Capacity Development in Sri Lanka Under the Framework of  
the FAO-China South-South Cooperation Project  
National Plant Quarantine Service, Katunayake  
Ministry of Agriculture  
Department of Agriculture  
Sri Lanka

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**Anastrepha ludens (Loew)**  
**Mexican fruit fly**

- The body is predominantly yellow to orange-brown and the setae are red-brown to dark-brown.
- Wing: reverse V-band not connected to Sc-1+2c.
- Abdomen: lighter yellow to orange-brown, without dark-brown markings.

Ovipositor average: 3.4-5.3 mm long.

(Wang, 1993; Wu, 2008)

(FAO/POUL, 2013)

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## **2. Summary of the 1<sup>st</sup> Phytosanitary Technology Training of EIFFs**



- *We are together to learn and understand the related knowledge of prevention and control of EIFFs!*
- *We are together to practice and master the related technology of surveillance and species identification of EIFFs!*
- *We are together to improve and enhance the related capacity level of prevention and control of EIFFs!*



- *You are **positive!***
- *You are **earnest!***
- *You are **excellent!***



- *Do we finish the 1<sup>st</sup> training of phytosanitary technology of fruit flies **normally**?*
- *Do we finish the 1<sup>st</sup> training of phytosanitary technology of fruit flies **successfully**?*
- *Do we finish the 1<sup>st</sup> training of phytosanitary technology of fruit flies **very successfully**?*



***MANY THANKS TO EVERYONE!  
LOOKING FORWARD TO MORE COLLABORATIONS  
AND PROGRESS ON PREVENTION AND CONTROL OF EIFFS!***

