Fruit Flies In-silico
Prevention & Management

FF•IPM

In-silico boosted pest prevention
off-season focused IPM
against new + emerging fruit flies

TRAINING MATERIAL

Horizon 2020
European Union Funding
for Research & Innovation

FF•IPM Fruit Flies In-silico Prevention & Management

TRAINING MATERIAL

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ENTITY

Detection

FF•IPM Fruit Flies In-silico Prevention & Management

TRAINING MATERIAL

Horizon 2020 European Union Funding for Research & Innovation

DETECTION

Electronic trapping #2

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MODULE 9

Key Aspects

ELECTRONIC TRAPPING #2

Unit 1 (INSECT TRAPPING) / KEY ASPECT 1 (TRADITIONAL DEVICES)
Discussion Question #1: What is trapping?
Discussion Question #2: What are the pros and cons of using traditional devices?

Unit 2 (ELECTRONIC OR SMART TRAPS) / KEY ASPECT 2 (THE STRUCTURE OF AN ELECTRONIC TRAP)
Discussion Question #3: How do the sensors help the trapping devices?
Discussion Question #4: What are the electronic components used?
Discussion Question #5: Electronic trap structure
Discussion Question #6: What are the pros and cons of using electronic traps?
Discussion Question #7: What are the services associated with electronic traps?

Unit 3 (ELECTRONIC TRAPPING OF MEDFLY) / KEY ASPECT 3 (AN ELECTRONIC TRAP IN FF-IPM PROJECT)
Discussion Question #8: What is the electronic trap developed in the FF-IPM project?

Learning outcomes

ELECTRONIC TRAPPING #2

The module presents the use of electronic trapping devices for insect monitoring with a description and examples of structure, electronic components used and operation.