



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





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ENTITY

Biosecurity & population modeling





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BIOSECURITY & POLULATION MODELLING

Globalization and propagule pressure



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MODULE 11



Key Aspects

Globalization and propagule pressure

Unit 1 Propagule pressure

What is the propagule pressure?

What are the factors that influence the propagule pressure?

Unit 2 Fruit fly interceptions in Europe

Source and properties of interception data

Main trends in the interceptions of fruit flies in Europe

Unit 3 Commodities and trade

Source and properties of trade data

Selection of commodities of interest

Calculating and representing fruit fly interception risk



Learning outcomes

Globalization and propagule pressure

- Understanding the concept of propagule pressure
- Understanding the patterns of fruit fly interceptions in Europe
- Trade of commodities at risk to Europe
- Risk index calculations and illustrations