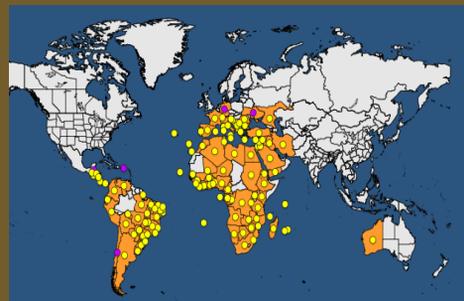


Ceratitis capitata: better knowledge for better risk management (FruitFlyRiskManage)



Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 232 000

Research consortium

UAC (PT), AGES (AT), ANSES (FR), JKI (DE), NVWA (NL), PIORIN (PL), INIAV (PT), IAFNG (SI), UNIPV (IT), BFT (ME), IVIA (ES), RDIPP (RO), CNSTN (TN), HAI (TN), NAAS (UK)

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Goals and objectives

The project aims to know the current situation of *C. capitata* in Europe. Project partners will exchange information on the current situation of *C. capitata* in their countries. Sampling of different populations and genetic studies will allow to establish the history of invasion and to map the locations where the fly has been detected in each country. The information will be used to build models to forecast the spread of the pest and to support the control of *C. capitata* adults.

Key outputs and results

- Hypothesis on the invasion will be drawn based on the genetic structure of various populations (mtDNA)
- Biological characterization of populations occurring worldwide
- Review of early detection tools and management strategies used in different countries
- Testing of new methods for monitoring and early detection of *C. capitata*
- Models for pest emergence and spread in different climatic regions and risk maps and host lists