

ORGANIZERS

Technical and scientific support DiSSPA - University of Bari, Italy - CNR IPSP, Italy - CRSFA, Locorotondo, Italy - CIHEAM-IAM, Bari, Italy

Financial support Agritest Srl, Valenzano, Italy - Cooperativa ACLI, Racale, Italy

Introduction

The diagnostic training workshop will be organized within the framework of the EU projects H2020 PONTE (635646) and XF-ACTORS (727987). The training aims to improve the ability of the participant in carrying out reliable monitoring and detection of *X. fastidiosa*.

Taking into account the international official diagnostic procedure for *X. fastidiosa*, as described in the EPPO standard PM7/24 (2), several detection techniques will be practically demonstrated during the 3-day laboratory session. A 1-day trip in the demarcated infected area will follow the laboratory session and will provide the essential background for sampling and monitoring *X. fastidiosa*.

Topics to be covered

- Introduction to the current situation of *X. fastidiosa* in the European territory
- Isolation and culturing *X. fastidiosa*
- Large scale detection approach, serological and molecular methods
- High specificity /sensitivity detection
- Field inspections and sampling
- Result interpretation and performance criteria

Outcomes

Capacity building for

- How to conduct sampling in the field
- How to provide the best laboratory practice to carry out each detection techniques
- How to critically review the diagnostic results

