

Epidemiological studies on reservoir hosts and potential vectors of Grapevine flavescence dorée and validation of different diagnostic procedures for GFD (GRAFDEPI)



Funding

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Research consortium

IT-CRA-PAV, AGES-AT, CRAW-BE, TR-PPRS, PT-INRB, ACW-CH, BE-ILVO, DISTA-IT, DIPROVE-IT, CRA-ABP-IT, IPEP-SB, NIB-SI, IRTA-SP

Contact information

Project coordinator: Graziella Pasquini
graziella.pasquini@entecra.it

Goals

The goals of the GRAFDEPI project are:

- to improve the knowledge on epidemiological cycle of the disease;
- to harmonize flavescence dorée diagnostic procedures within the EU.

Objectives

- Validation of diagnostic protocols at European level
- evaluation of new alternative hosts and vectors in the epidemiological cycle of the disease
- characterization of FD isolates in different countries
- suggestions for new control strategies

Key outputs and results

- availability of validated conventional and real time PCR protocols for phytosanitary labs
- identification of new potential vectors of FD phytoplasma
- upgrading of the geographical distribution of FD strains in involved countries and individuation of 'unusual isolates'
- design of surveillance schemes for the disease control