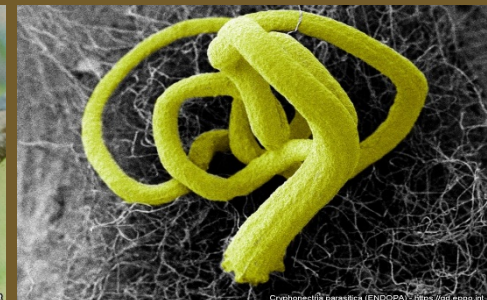
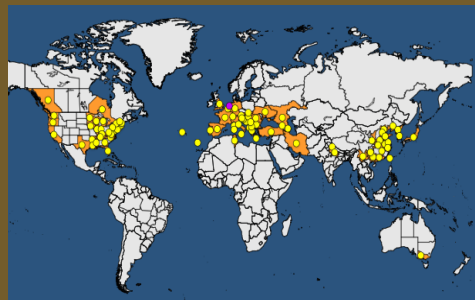


# Early detection of *Cryphonectria parasitica* in planting material



## Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 141 000

## Research consortium

Fera (GB), AGES (AT), ILVO (BE), JKI (DE), CREA (IT), INIAV (PT)

## Contact information

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## Goals

The project would aim to produce a validated protocol for the real-time PCR for the detection of *C. parasitica* in plants for planting. The project would also produce a protocol for sampling from production units and/or orchards, as well as a specific protocol covering how to subsample from the material for laboratory analysis.

## Key outputs and results

- Sampling protocol to support screening for latent infections in plants for planting
- Sub-sampling protocol to identify optimum (laboratory) sub-sampling to detect latent infection
- Diagnostic protocol for the detection of *C. parasitica* in planting material

To achieve these final outcomes the following intermediate outcomes would be required:

- Assess published real time PCR assays for suitability for use on latent material
- Determine the best time of the year to carry out sampling
- Determination of proportion of lot to be sampled
- Inter-laboratory Performance test for detection of *C. parasitica* on plant material by real-time PCR