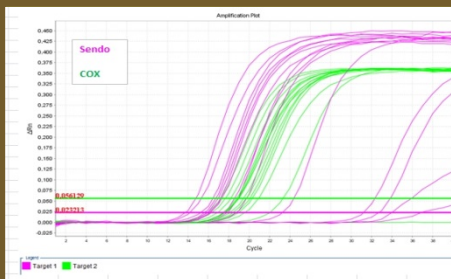
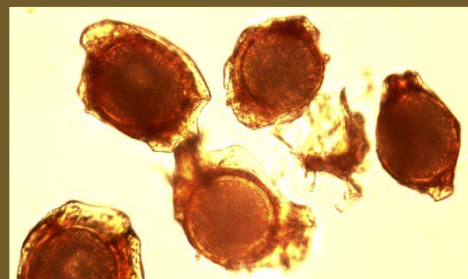


# Development of pathotype-specific PCR tests for the identification of *Synchytrium endobioticum* pathotype 1 (SENDO D1)



## Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding €57,547

## Research consortium

Netherlands: PPS and PRI-DLO

## Contact information

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## Goals

To develop an appropriate Taqman PCR protocol to reliably distinguish pathotype 1 from other pathotypes of *Synchytrium endobioticum*

## Objectives

- To develop a Taqman PCR technique with acceptable specificity and reproducibility to distinguish *S. endobioticum* pathotype 1 (D1) from the 'higher' pathotypes.
- To identify *S. endobioticum* pathotypes in reference collections of winter spores collected from green or composted ware material throughout Europe.

## Key outputs and results

- DNA extraction protocols for winterspores
- TaqMan PCR to distinguish pathotype 1 from other pathotypes