

# Assessment and testing of strawberry pathogens (SPAT)



## Funding

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## Research consortium

BMLFUW-AT, AGES-AT, MARDD-EST, DAFF-IR, MoA- , EL&I -NL, INIA-ESP, FGU VNIKR -RUS

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## Goals

The SPAT project will make an overview of all of the testing methods that are applicable in testing for *X. fragariae*, *P. fragariae*, and in emerged soil-borne pathogens. This work is helping to detect the pathogens as early as possible.

## Objectives

- To map and evaluate the current status of quarantine, emerging and major strawberry pathogens.
- To review and analyse available diagnostic methods.
- To develop and validate a common diagnostic methods for quarantine and emerging strawberry pathogens.

## Key outputs and results

Updated and improved knowledge about the distribution of strawberry pathogens as basic information (e.g. for pest risk assessments) will be presented. Concise meta-analysis of the available methods that could be used for strawberry pathogen diagnostics will be published. Optimized PCR and qPCR protocols for effective detection of pathogens will be developed and evaluated. In conclusion, suggestions for more efficient diagnostic methods will be made and a common protocol for EPPO will be drafted.