

# Assessment of *Dickeya* and *Pectobacterium* spp. on potatoes and ornamentals



## Funding

Non-competitive funding mechanism. Each funder only pays for the participation of their own national researchers. Total funding € 260,000

## Goals

Standardized protocols for (non-destructive) detection tools (use during tuber/bulb storage), detection and identification of *Pectobacterium* and *Dickeya* variants 2. Assessment of the presence of different (new variants) of *Dickeya* and *Pectobacterium* species in symptomatic potato and ornamental plant species

## Research consortium

NL-PRI, NL-NPPO, NL-NPPO, NAK, NL, BE-ILVO, , DK-AU, UK-SASA, FR-LNPV, FR-INRA, FI-MTT, DE-JKI, PL-IFB UG, UK-SCRI, UK-FERA, SLU-SE, ACW-CH, NO-Bioforsk, BHF-CH, CH-SHL, , HUSH-SE, UK-SCRI, University Pretoria-SA, IE

## Objectives

- Tools for detection and identification of *Pectobacterium* and *Dickeya* variants in potato and evergreen ornamentals and bulbous flowering plants. Analysis of evolutionary traits of these variants
- Survey for new *Pectobacterium* & *Dickeya* spp. in potato, field trials with new *Pectobacterium* spp., proficiency testing
- Development of a shared MLSA resource for strain characterisation.
- Report on aggressiveness of *Pectobacterium* and *Dickeya* species in various hosts

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