

Potato and Tomato Late Blight : promoting the development, adoption and integration of integrated pest management tools into optimised protection and production systems



Abstract

Potato and tomato late blight, caused by *Phytophthora infestans*, is a highly destructive disease affecting both crops. Protection against late blight, which currently relies on the extensive use of fungicides, raises agronomic, environmental, economic and health concerns, requiring coordination across the sector. The MILTALOC project was set up to ensure long-term protection against late blight and to address the many challenges it poses. It therefore aims to promote the development, adoption and integration of integrated pest management tools into optimised protection and production systems, thereby ensuring crop health, slowing the spread of late blight and ensuring the sustainability of control methods, through 1) a better knowledge of the potential and limitations of each individual tool, 2) a combination of these tools within comprehensive protection strategies, and 3) a collaborative approach to developing these pathways and evaluating them, involving all stakeholders, to ensure they are embraced and effectively implemented.

Actions

Action 1 : Expanding the toolkit and optimising integrated protection against late blight

Action 2 : Harnessing knowledge of the pest to optimise control measures

Action 3 : Exploring and harnessing varietal resistance

Action 4 : Engaging stakeholders across the sector in the collective fight against late blight

Action 5 : Leading the project

TECHNICAL MEMO

Call for projects :

Plan d'Action stratégique pour l'anticipation du potentiel Retrait européen des Substances Actives et le Développement de techniques Alternatives pour la protection des cultures (PARSADA)

Project leader :

D. Gaucher & M. Closset



Project duration : 60 months

Start/End of project :

01/01/2026 – 31/12/2030

Partners :

- inov3PT
- INRAE UMR IGEPP
- SONITO
- Fredon Hauts-de-France
- JUNIA-ISA LILLE
- VEGENOV
- Chambre d'Agriculture du Nord Pas de Calais

Partners associated/providers :

- Représentants des filières marchés du frais et transformation
- Section CTPS pomme de terre
- ACVNPT
- IDEAS
- INVENIO
- the 3 regional seed potatoes growers (Bretagne Plants Innovation, Comité Nord, Comité Centre et Sud)

Financial support :



inov3PT project manager :

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