



inov3PT
SEED POTATO
FOR THE FUTURE

TAUPIFAST2

Unite and Support the Search for Innovative Technical
Solutions to Protect Crops Against Wireworms

TaupiFAST2

Abstract

Each year, many crops, especially potatoes, carrots, melons, maize and certain vegetables, are attacked by wireworm larvae. They damage certain crops through their bites and holes, causing a growing number of downgrades, batch rejections and complaints in France and export markets, with serious economic repercussions. The aim of the TAUIFAST2 project, which has assembled a broad, multi-sector consortium, is to develop, evaluate and deploy economically viable solutions at the level of the crop as well as at the level of the production (cropping) system, with the aim of reducing the risk of wireworm infestation and damage to an acceptable level for the most susceptible crops. This project will pay particular attention to risk assessment and the combination of levers and practices that are unfavourable to wireworm populations throughout the rotation, and not just during the crop cycle.

Actions

Action 1 : Improve knowledge of the biology, ecology and population dynamics of wireworms and associated organisms, to understand the associated risk factors

Action 2 : Evaluation of protection solutions through direct or indirect control

Action 3 : Co-design and evaluate the most adaptable technical itineraries for an efficient management of wireworms at the level of crop rotation with the active involvement of field actors

Action 4 : Transfer and deployment of the knowhow to farmers, technicians, seed companies and producer organizations, and agricultural education establishments

Action 5 : Coordination and leadership

TECHNICAL MEMO

Call for proposals:

Strategic Action Plan for the anticipation of the potential European withdrawal of active substances and the development of alternative techniques for crop protection (PE-PARSADA n°927529)

Project leader:



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Duration of the project: 60 months

Start/End of project:

01/01/2025 – 31/12/2029

Partners:

- Arvalis - institut du végétal
- UniLaSalle (Unité AGHYLE UP 2018.C101)
- INRAE UMR IGEPP équipe EGI
- MetaToul-AgromiX
- CNRS (UMR 5254-IPREM)
- CTIFL
- SILEBAN
- ACEP
- Terre d'Essais
- CEFEL

Associated partners /service providers:

- The 3 regional organisations of seed potato producers: Bretagne Plants, Comité Centre et Sud, Comité Nord
- Fredon Hauts de France
- Uni-Liège Gembloux Agro Bio Tech
- Agricultural chambers of Brittany
- Cooperative of Noirmoutier
- Evolutive Agronomy

Financial support:



ÉTABLISSEMENT NATIONAL
DES PRODUITS DE L'AGRICULTURE ET DE LA PÊCHE



écophyto

Réduire et améliorer l'utilisation des phytos

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