



inov3PT
SEED POTATO
FOR THE FUTURE

TAUPIFAST2

Federating and supporting research into innovative technical solutions to protect crops against wireworms

Abstract

Every year, many crops, especially potatoes, carrots, melons, maize and certain vegetables, come under attack from wireworm larvae. They damage certain crops through their bites and galleries, causing a growing number of downgradings, batch rejections and complaints in France and abroad, with serious economic repercussions. The aim of the TAUPIFAST2 project, which involves a broad, multi-sector consortium, is to develop, evaluate and deploy economically viable solutions at crop and production system level, with the aim of reducing the risk of wireworm infestation and damage to an acceptable level for the most sensitive crops. This project will be based in particular on assessing risk factors and implementing combinations 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 : design and evaluate the most efficient technical itineraries for better management of wireworms on a rotational basis

Action 4 : transfer and roll out to farmers, technicians, seed companies and POs, and agricultural education establishments

Action 5 : coordination and leadership

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 (PE-PARSADA n°927529)

Project leader:



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
- ACPEL
- Terre d'Essais
- CEFEL

Associated partners /providers:

- The 3 regional de producteurs de plants : Bretagne Plants, Comité Centre et Sud, Comité Nord
- Fredon Hauts de France
- Uni-Liège Gembloux Agro Bio Tech
- Chambre d'Agriculture de Bretagne
- Coopérative de l'île de Noirmoutier
- Evolutive Agronomy

Financial support:



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