



inov3PT
SEED POTATO
FOR THE FUTURE

TAUPIC

Risk prediction and new levers for the integrated protection of potato crops against wireworms attacks (*Agriotes* sp.)



Abstract

Wireworms are phytophagous insects that eat many crops, including potatoes (bites, galleries dug into the tuber). The damage caused has serious economic repercussions, with a growing number of downgradings, batch rejections and complaints in France and abroad.

Given the increase in damage in recent years, and the gradual withdrawal of effective solutions to protect crops, growers need to define new strategies for protecting themselves against these pests.

Against this backdrop, the FN3PT has set up the TAUPIC collaborative project with a network of partners.

This project focuses on potatoes and is linked to projects and work in progress on other crops such as maize.

Actions

Action 1 : to improve forecasting of the risks of wireworm infestation and damage on potato crops in order to adapt protection strategies

Action 2 : develop innovative and sustainable solutions for preventing and controlling damage by reducing pest populations or modifying the plant-pest relationship to avoid attacks on target plants

Action 3 : design and evaluate integrated crop protection strategies

TECHNICAL MEMO

Call for projects:
CASDAR 2020 RT

Project leader:



Project duration: 42 months

Start/End of project:
01/10/2020 – 31/03/2024

Partners:

- The 3 regional growers organisations : Bretagne Plants, Comité Centre et Sud, Comité Nord
- INRAE UMR IGEPP équipe EGI
- Arvalis - institut du végétal
- Fredon Hauts de France

Providers:

- Université de Liège-Gembloux Agro Bio Tech
- Midi Agro Consultant
- Astria Sud Garonne

Others partners (excluding financing):

- Producers involved in plot surveys
- Companies offering biocontrol solutions
- Seed companies (service plants)
- Breeders of potato varieties

Financial support :



Project supported by:



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