



inov3PT
SEED POTATO
FOR THE FUTURE

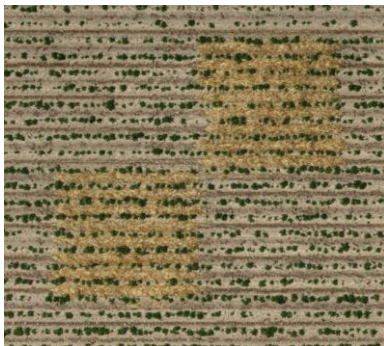
COLEOFAST

Project sheet

Bringing together and supporting research into innovative technical solutions to protect crops against COLEOptera



Remote sensing



Mulching

Abstract

The COLEOFAST project, led by FNAMS, addresses the urgent issue of protecting seed and plant crops from pest beetles, in a context where several synthetic active substances are at risk of being withdrawn from the market. This project has multiple objectives : it aims to guarantee French seed sovereignty while reducing the use of chemical inputs and thus preserving the environment. To this end, the project brings together a diverse consortium comprising technical and research organisations, each contributing its specific expertise.

The expected results include an in-depth understanding of the behaviour and harmfulness of the beetles studies, the development and validation of new operational technical solutions to combat these pests, and the creation of practical tools for farmers. These innovations should enable widespread adoption of sustainable practices, thereby reducing the use of chemical inputs while ensuring the protection and productivity of seed crops.

Actions

Action 1 : improve knowledge of insect pests through detailed studies of their biology, behaviour (plot and environment) and harmfulness

Action 2 : develop and test control methods

Action 3 : exploring new strategies to reduce beetle populations at the plot and landscape levels

Action 4 : transfer knowledge and innovations to farmers and other stakeholders in the seed sector

TECHNICAL MEMO

Project leader:



Project duration: 60 months

Start/End of project:

01/02/2025 – 31/01/2030

Partners:

- Arvalis
- ITB
- inov3PT
- Terres Inovia
- CIRAD CBGP
- INRAE (JPB, IGEPP, IRHS)
- ICOA
- P2E
- RobAgri

Non-funded partners associated with the project steering committee:

- ACTA
- Anamso
- UFS
- Seed companies

Financial support :



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