

FUNBIODIV

Functional analysis of biological pest control by plant diversification across scales

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START AND FINISH: 2024-2027

CO-FUNDING ORGANIZATIONS:

MTE  MINISTÈRE
DE LA TRANSITION
ÉCOLOGIQUE / OFB  OFB



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FunbioDiv assesses the impact of combining plant diversification strategies at different spatial and temporal scales on biodiversity and the control of crop pests.

The use of pesticides threatens biodiversity. The FunBioDiv project explores an alternative approach: plant diversification to protect crops through agroecological practices. No single diversification strategy is sufficient on its own, which highlights the need to combine multiple approaches.

Building on recent scientific expertise and European datasets, the project assesses the effects of these combined strategies on both biodiversity and pest control, using a functional trait-based approach. The goal is to identify the most effective management strategies that support both biodiversity and biological control.

CESAB

CESAB (Centre for the Synthesis and Analysis of Biodiversity) is FRB's flagship program and an internationally renowned research center whose objective is to implement innovative work to synthesize and analyze existing data sets in biodiversity research.