

The ABA-PIC Project : Acceleration of Biocontrol and Agricultural equipments for Integrated Crop Protection

The **ABA-PIC Project**, coordinated by ACTA, is focused on methodological developments to optimize the use of biocontrol strategies, by combining two major levers of agroecological transition: biocontrol and agricultural equipments. The project should allow the transfer and promotion of results to companies in the biocontrol and agricultural equipment sectors.

18 months



13 partners



4 Work Packages



Science watch activities



2,3 Mio Euros



Multi crops



Work Packages

Expected results

WP1

Develop and test tools for monitoring biocontrol organisms and substances (microorganisms, VOC (Volatile Organic Compounds)) in the agrosystem

Monitoring tools for some microorganisms (*Bacillus* spp., *Trichoderma* spp.) and VOC

WP2

Test the factors (e.g. abiotic, stimulation of plant defenses) which condition the success of using biocontrol

Impact of these factors on the effectiveness of biocontrol products

WP3

Improve experimentations on the application methods of biocontrol products

Typology of factors (mode of action, spray quality) which influence the effectiveness of biocontrol products

WP4

Develop the positioning of biocontrol based on the diagnosis, monitoring and forecasting of the dynamics of pests and crop auxiliaries

Image analysis and genomic tools for monitoring pests and crop auxiliaries

Science watch activities

- Identification of existing and future biocontrol solutions in other countries
- Analysis of innovations that can contribute to methodological developments

Partners



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