



Customized plant research

Vegenov services for plant health

Vegenov is an applied research center specialized in plant science, with 30-year-long experience. We continuously develop new tools to help biocontrol and biostimulant manufacturers better understand their products : efficiency and mode of action.

Our expertise and services

We offer customized R&D support on more than 30 pathogens on different crops and we can develop new protocols



Confidentiality



Intellectual property



flexibility



Fast turnaround times



Biocontrol

Evaluation of the performance

- Protection efficiency
- Phytotoxicity
- Resistance to leaching

Evaluation of the mode of action

- Ability to stimulate plant defence pathways gene expression profiles using qPFD tool (Licence INRAE®)
- Direct biocidal or antagonist effect on the pathogen



Microorganisms study

- Quantification of pathogens and beneficial microorganisms
- Development of Decision Making Tool
- Understanding the microorganism biology

Bibliographic searches

Biostimulant

Evaluation of the performance

- Plant growth and development
- Nutrient uptake and assimilation
- Plant tolerance to abiotic stresses
- Nutritional and sensory evaluation of harvest

Evaluation of the mode of action

- Determination of stress markers
- Global approach (transcriptomic, metabolomics, etc.)

Cutting-edge equipment and modern infrastructure



1 600 m² of greenhouses



12 growth chambers



Sensory analysis room



Microbiology lab



Molecular biology lab



Biochemistry lab

Contact

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