Elicitra – Integrated French network promoting the strategy of plant resistance induction by elicitors through research, training and development

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Background

For a competitive and environmentally friendly agriculture, the enhancement of plant defence mechanisms by elicitor treatments seems a promising strategy. Elicitra, the French network on elicitors, aims at understanding, developing and promoting this strategy for all crops.

Objectives and expected results

Elicitra

Technical development
Federate knowledge, experiences and expectations to:

- Identify key gaps to elicitor development
- Create a guide for a reliable evaluation of elicitors

Research
Develop French research on elicitors to:

- Better understand their mode of action
- Propose an optimised use, integrated in a global pest management strategy

Communication & Diffusion
Communicate to every actor of the crop production (industries, farmers, researchers, students,…) with:

- Scientific and technical communications
- Organization of a meeting on elicitors
- Organization of training sessions
- Website
- Elicitor user guide

Partnership

The network partnership includes:

- Research: CNRS, INRA and IBP
- Applied research organisations: ARVALIS, Vegenov, Astredhor, IFV, CTIFL, ITEIPMAI and CETIOM
- Universities and agricultural colleges: Polytechnical institute La Salle Beauvais, URCA, ULCO, ISA, Avize High School, horticultural highschool network, ENITAB and INHP
- Regional experimental stations: CATE, CIVC, Invenio and Planète Légumes
- Chambers of agriculture
- Competitive clusters: IAR, Végépolys,…

A network dedicated to the main crop sectors:

- Main field crops including cereals, potatoes and oilseed rape
- Grapevine and wine
- Fruits and vegetables
- Ornamental plants and herbs (garden, medicinal and aromatic)

ACKNOWLEDGEMENTS to the French Ministry of Agriculture for its financial support