



Risk managers' point of view on next research priorities for control of *X. fastidiosa*

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General remarks

1. Major contribution of **POnTE** and **XF-ACTORS** to EU policy developments (EU control strategy);
2. **Substantial developments on knowledge** concerning the host-pathogen-vector relation;
3. Important to continue ongoing work, while incorporating **new emerging topics** on prevention, early detection and control.

Feedback from a risk manager perspective

- Key research achievement so far -

1. Knowledge about pathogen and host plant

- Subspecies/Sequence Types (EU and non-EU)
- Resistant and tolerant varieties
- Host plant range

2. Role of vectors in Xf spreading

3. Detection and Identification

- Development of reliable and quick detection method (EPPO Standards)
- Use of new technologies (e.g. Remote sensing)

4. Modelling

- Epidemics
- Establishment
- Economic-environment-social impact

Feedback from a risk manager perspective - key research needs (1)-

1. For surveillance

- Fine tune the application of existing models to support on-field activities
- Continue the work for early detection of low level presence of Xf

2. For sampling

- Guidelines for sampling of symptomatic and asymptomatic plants
- Study the bacterial distribution within the plant along the year/seasons

3. For testing

- Continue the validation of methods taking into consideration the specificities of host plant-pathogen

Feedback from a risk manager perspective - key research needs (2) -

1. Eradication

- Vector management (IPM solutions: chemical, biological, mechanical)
- Ways to eliminate the bacterial inoculum

2. Containment

- Treatment solutions against vectors and pathogen: IPM solutions
- Breeding techniques for resistant varieties
- Learning on how to live with the bacterium (new production perspectives, recombination)

3. Communication and awareness raising

- Develop coordinated and tailor-made actions for an open and constructive dialogue with different interest groups (actual risk *vis-à-vis* perceived risk)