



EPPO activities in support of plant health: we are stronger together

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INTERNATIONAL YEAR OF
PLANT HEALTH
2020



International Plant
Protection Convention

52 member
countries
(including all
UE countries)

2 observers
permanents
UE, CEE

15 Panels
> 200 national
experts et UE COM
& EURLs
Workshops,
Conferences

Plant Protection
Products



One of the 10 RPPOs



Early
warning

Pest Risk
Analysis

Standards :
Diagnostics,
Inspection,
Contingency planning,
Eradication &
Containment

Information :
Datasheets,
distribution maps,
photos...



Research Coordination



Our target audience NPPOs & plant health experts for transfer at national level
EPPO makes **recommendations** e.g. regional standards
EPPO advises, risk managers decide

EPPO's missions to support plant health legislation in member countries

Prevent entry and spread of harmful organisms (crops, forests, natural environments)

- Early warning/horizon scanning
- Recommendations on pests which should be regulated as quarantine pests (EPPO A1 and A2 Lists)
- Prepare standards (e.g. phytosanitary measures, official controls, diagnostic protocols)

Provide information to EPPO members on pests (EPPO Global Database)

- Pests recommended for regulation by EPPO
- Pests which may present a risk to the EPPO region



Adult of *Bactrocera carambolae*. Macapá, Amapá, Brazil, 2014. Courtesy: Regina Sugayama



Bactrocera dorsalis on grapefruit
Courtesy: Paride Missio, CH



Ceratitis capitata Adults on a peach.
Courtesy: M. Muñiz - (ES).



Rhagoletis completa
larvae

Plant pest diagnostics

Support to the implementation of ISO Standard on accreditation of laboratories by providing technical guidance based on laboratories experience.

Develop diagnostic protocols in different discipline to harmonize diagnostic in the laboratories of the EPPO region

Organizing Workshops and Conferences on diagnostics



Workshop on the revision of PM 7/98
Specific requirements for laboratories preparing accreditation for a plant pest diagnostic activity



ENJOY!



Activities

Activity	Title	Trainers (and EPPO Staff)
1	Laboratories & Equipment	E. De Andrade (& J. Meyer)
2	Staff & Competence	S. Ross (& M. McMullen)
3	Diagnostic Process	H. Reisenzein (& C. Trontin)
4	Organization	R. Weekes (& F. Petter)

Up activities tion of

Staff members	Age	Competence	Additional Information on Staff	Additional comment	Type of contract
General director of the association (Ms Betula) Head of laboratory (Mr Rosa)	55	Management	Lab	About to leave the position	Permanent
Quality manager (Ms Castanea)	42	PhD in bacteriology and 15 years of experience as technical manager (other lab)	Secretariat Ms Castanea Quality manager (age 30) Mr Abies Secretary (age 35)		Permanent appointment of 5 years (three years remaining)
Technical manager 1 (Ms Sorbus)	30	2 years of experience as head of the lab. previous laboratory experience working in a veterinary management system 5 years in a quality management system 5 years in a 25 years' experience in the laboratory methods)	Mr Rosa Head of laboratory (age 42)		Permanent contract
Technical manager 2 (Mr Larix)	50	PhD in Bacteriology first job	Mr Larix Technical manager (age 28)		Permanent contract
Technician 1 (Mr Thuja)	23	No previous work experience. molecular biology	Sorbus lab manager (age 50)		Permanent contract
Technician 2 (Ms Ulex)	39	15 years of experience in the lab. specialized in all aspects of molecular biology	Ms Ulex Technician (age 39)		Permanent contract
Technician 3 (Mr Tilia)	62	Experience in isolation and media preparation (except molecular biology)	Mr Thuja Technician (age 23)		Seconded from the Growers union Fix term appointment of 5 years (trial period) Permanent contract
Facilities Manager (Ms Quercus)	35	Sole responsibility for facilities management and procurement. 7 year's experience. 10 years of experience.			Permanent contract
Secretary (Mr Abies)	35				Permanent contract



Technician (product pack distribution)

La... career... in charge of issuing of test reports
 conflict with the Head of laboratory. Keen to progress in their career.
 6 months
 training courses
 in molecular biology
 Seconded from the Growers union
 Fix term appointment of 5 years (trial period)
 Permanent contract

Supporting Information S1

Supporting information on process approach and risk management.

The examples presented in this section are mostly based on quality documents developed at the French Agency for Food, Environmental and Occupational Health & Safety (ANSES, France) to achieve the objectives of the Standard ISO 17025. Some examples are from the Austrian Agency for Health and Food Safety (AGES, Austria), and the National Institute of Biology (NIB, Slovenia). They are presented for illustration purposes only and other approaches may be chosen by laboratories to achieve the objectives of that Standard.

As stated in PM 7/98 point 4.6, "The Panel on Diagnostics and Quality assurance recommends that in order to perform risk management, processes and objectives of the laboratory should be identified at operational (e.g. performing testing) and strategic levels (e.g. staff management)".

Comment on ANSES-LSV: The French Plant Health Laboratory (LSV) is part of an Agency ANSES which includes several departments specialized in different fields. The Plant Health Laboratory also has several technical units which are in different parts of France and one unit is located in la Reunion Islands (called LSV-RAPT). This influences how the quality management system is built. Different levels are indeed considered: ANSES (the agency), Plant Health Laboratory (LSV) and the individual units. The management process was established in the framework of an ISO certification according to ISO9001 covering all risks related to the activities of the Agency and not only laboratory activities.
