



# EPPO

## Activities 2022 - 2023



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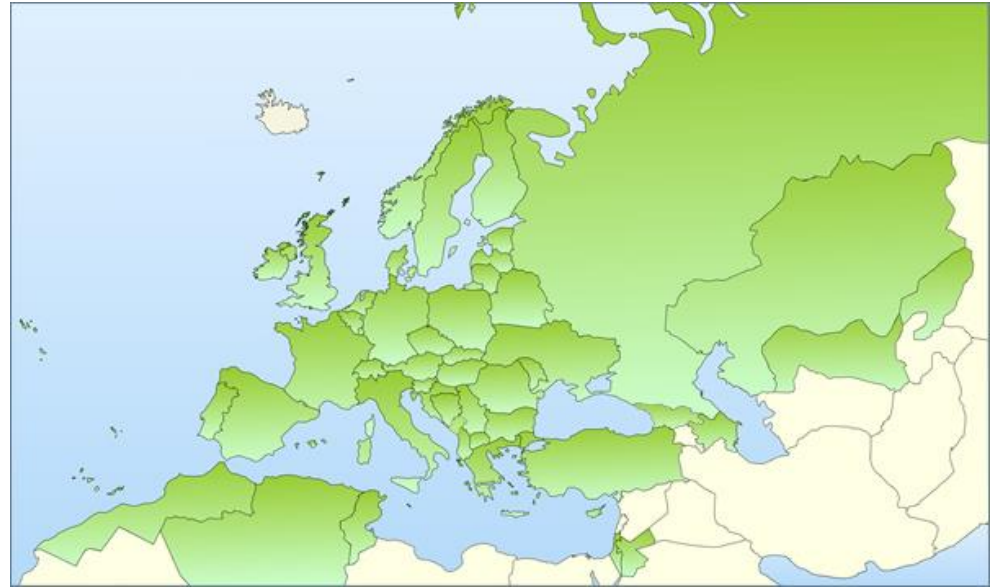
[www.eppo.int](http://www.eppo.int)

# EPPO

EUROPEAN AND MEDITERRANEAN PLANT PROTECTION ORGANIZATION



- Intergovernmental Organization
- Created in 1951 by 15 countries (EPPO Convention)
- 52 member countries in 2022
- 5 member countries are also member of NEPPO
- International cooperation in plant health
  - plant quarantine
  - plant protection products
- Works for and with National Plant Protection Organizations



[www.eppo.int](http://www.eppo.int)



# Additions to the EPPPO A1 and A2 Lists of pests recommended for regulation

*Crisicoccus pini* (Hemiptera: Coccidae)



Courtesy: Vai – SFR Bologna

*Meloidogyne luci* & *M. ethiopica*



Courtesy: Dr Sasa Sirca  
(Agricultural Institute of Slovenia)

*Meloidogyne graminicola*

*Spodoptera ornithogalli* & *praefica*



Courtesy: Lyle J. Buss,  
University of Florida

*Tetranychus mexicanus*



*Ageratina adenophora*



Courtesy: Stefano Sacchi (IT)



## EPPO Diagnostic Standards approved

- PM 7/154 *Agrilus planipennis*
- PM 7/24 *Xylella fastidiosa*
- PM 7/152 Begomoviruses
- PM 7/031 Citrus tristeza virus
- PM 7/146 Tomato brown rugose fruit virus
- PM 7/153 Mechanical inoculation of test plants
- PM 7/155 *Pectobacterium* and *Dickeya* spp.
- PM 7/44 *Xanthomonas citri* pv. *citri* and *Xanthomonas citri* pv. *aurantifolii*
- PM 7/04 *Bursaphelenchus xylophilus*
- PM 7/065 *Xanthomonas fragariae*
- PM 7/043 *Pseudomonas syringae* pv. *persicae*
- DP in progress: **PM7/NEW HTS in virology**





# EPPO Standards approved

- **Inspection of places of production – Citrus plants for planting**
- **Production of pathogen-free minitubers of potato**
- **Certification scheme for seed potatoes**
- **First import Biological Control Agents**
- **Host specificity testing of biological control agents**
- **National regulatory control system *Clavibacter sepedonicus***
- **National regulatory control system *Ralstonia solanacearum***
- ***several Standards on efficacy evaluation Plant Protection Products***

All EPPO Standards available:

[https://www.eppo.int/RESOURCES/eppo\\_standards](https://www.eppo.int/RESOURCES/eppo_standards)

# PRA Platform (pra.eppo.int)

- Central hub for risk assessments in EPPO countries
- More than 2000 documents available (partly restricted access)
- Includes EPPO, EFSA, national assessments + relevant documents (e.g. ISTA list)



EUROPEAN AND MEDITERRANEAN PLANT PROTECTION ORGANIZATION  
ORGANISATION EUROPEENNE ET MEDITERRANEEENNE POUR LA  
PROTECTION DES PLANTES

20-26052

## Pest risk assessment for *Pr*



2018, EPPO  
21 Boulevard Richard Lu  
75011 Paris  
[www.eppo.int](http://www.eppo.int) [hq@eppo](mailto:hq@eppo)

## Pest Risk Analysis for

### Tomato brown rugose fruit virus (Tobamovirus)



A. Dombrovsky – EPPO Global Database (EPPO Code: TOBRFV) – Fruit symptoms, Mexico (2019)

EPPO Platform on PRAs

Home Browse PRAs Browse by type of pests Useful links Download user guide

EPPO Platform on PRAs

Purpose

This platform was launched in September 2018. It aims to share work done on the evaluation of pest risk. It includes national Pest Risk Analyses (PRAs) produced by EPPO countries (incl. quick scans, commodities PRAs) on all pests including invasive plants in different languages. Users may also share draft PRAs, or plans for future PRAs.

Please note that only part of the information is public and more information is available to registered users (e.g. draft PRAs, PRAs from non-EPPO countries).

EPPO is not responsible for the content and conclusions of the PRAs prepared by other entities and presented in this platform.

Go to EPPO website to read more on [EPPO activities on PRA](#).

What's new

- The Database is regularly updated with new documents being posted. As of the November 2020, **more than 1300 documents are available**.
- The Swiss Federal Plant Protection Service posted their first PRAs on the platform!
- Recent EFSA outputs are available.
- EPPO PRAs are available for pests added to the A1/A2 lists in September 2020.
- Don't forget to login to access more documents.

The search tools have been improved with the **addition of an 'Advanced search'** in which different criteria can be combined.

Questions/comments? Contact us: [help@pra.eppo.int](mailto:help@pra.eppo.int) or [contact@pra.eppo.int](mailto:contact@pra.eppo.int)

Countries participation

Tweets by @EppoHubNet

EPPO Pest Risk Assessment  
IPPC | International Plant Protection Convention  
[LIVE] Phytosanitary Awareness Week (DAY 1)  
Today at 1 PM (CET)  
Streaming [bit.ly/3eG2Bu0HPlantHealth](#)  
#IYPH2020

# EPPO Platform on Communication Material

- A new platform to share communication material -

To share your communication material: [contact the E](#)

## Search

You can use one or more search criteria  
- Using multiple criteria will only return results where all criteria are present.

Display:  campaigns  
 documents

Search criteria:

-- search by keyword --

-- search by organism --

-- search by country --

-- search by language --

## Latest Campaigns



### Belgium

2020 Educational file on plant health – Dossier d'information sur la santé des végétaux – Informatiepakket over het gezondheid van planten  
This information package on plant health was produced in



### Czech Republic

2017 Quarantine pests on forest trees  
Publication about harmful organisms on forest trees...

[See full campaign](#)



### Austria

2020 Videos for the IYPH  
In the course of the International Year of Plant Health...

[See full campaign](#)



## Liberibacter asiaticus (LIBEAS)



Last modification: 2002-11-09



[more photos...](#)

### MENU

- Overview →
- Distribution
- Host plants
- Host commodities
- Categorization
- Reporting
- Photos
- Documents

### Overview

#### Basic information

- EPPO code:** LIBEAS
- Preferred name:** *Liberibacter asiaticus*
- Authority:** Jagoueix, Bové & Garnier

#### Other scientific names

Name	Authority
'Candidatus <i>Liberibacter asiaticus</i>	Jagoueix, Bové & Garnier
<i>Liberibacter asiaticus</i>	Jagoueix, Bové & Garnier
Citrus greening bacterium (heat-tolerant strain)	
<i>Liberibacter asiaticus</i>	Jagoueix, Bové & Garnier

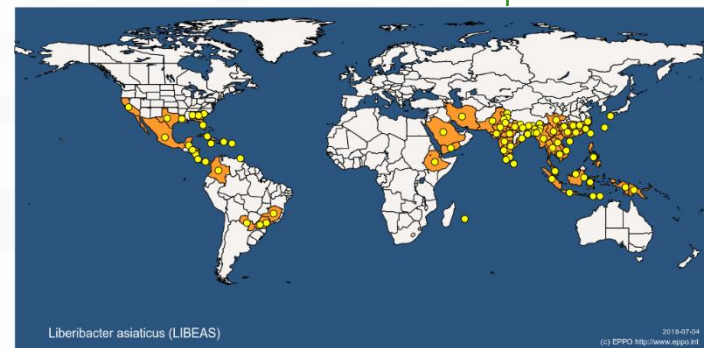
#### Taxonomy

- Kingdom Bacteria (1BACTK)
- Phylum Proteobacteria (1PROBP)
- Class Alphaproteobacteria (1ALPB)
- Genus *Liberibacter* (1LIBEG)
- Species *Liberibacter asiaticus* (LIBEAS)

# > 254 new and revised dynamic Datasheets

#### Common names

Name	Language
Search...	- select
黃龍病	Chinese
blotchy mottle disease of citrus	English
decline of citrus	English
huanglongbing	English



<https://gd.eppo.int>



# WEBINAR ON PEST REPORTING (2023-06-06)

- Well participated by 158 people from inside and outside the EPPO region
- Presentations by IPPC Secretariat, the EU Commission, 3 EPPO countries (DE, GE, PL), NAPPO and EPPO.
- Presentations available at:

[https://www.eppo.int/MEETINGS/2023\\_meetings/wk\\_pest\\_reporting](https://www.eppo.int/MEETINGS/2023_meetings/wk_pest_reporting)



# Recent workshop

Thanks to NAPPO

- EPPO Inspector's workshop on targeted inspection
  - workshops with practical case studies
  - Contributions from USA, Australia





# EPPO Network of experts working on surveillance, monitoring, and control of Emerald ash borer, *Agrilus planipennis* in Europe.

The objective: to exchange data on monitoring and to get a better understanding of the current distribution and spread of this pest in the EPPO region.



*Agrilus planipennis* (AGRIPLU) - <https://gd.eppo.int>

184	07:05	Active
Responses	Average time to complete	Status



39 countries

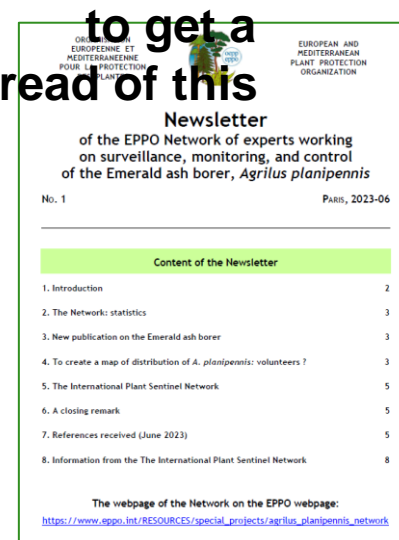


# EPPO Network of experts working on surveillance, monitoring, and control of Emerald ash borer, *Agrilus planipennis* in Europe.



The objective: to exchange data on monitoring and better understanding of the current distribution and spread of this pest in the EPPO region.

- a web page for the Network is launched,
- the work will be mostly in a form of exchange of information in monthly newsletters,
- a video meeting will be organized when we have sufficient coverage,
- a physical workshop will be organized when the geopolitical situation in the region allows it.
- two Newsletters have been issued







HOME ABOUT EPPO MEETINGS ACTIVITIES **RESOURCES** MEMBERS ONLY

### Network of experts working on surveillance, monitoring, and control of *Agrilus planipennis* (Emerald ash borer)

- Call for participation (April 2023) -

In October 2022, the EPPO Panel on Quarantine Pests for Forestry decided to establish a network of experts working on surveillance, monitoring, and control of *Agrilus planipennis* (Coleoptera: Buprestidae - Emerald ash borer). This network will be established in association with an EPPO-EU project (Grant agreement SANTE/2020/G1/EPPO/SI2.823766).



Adult - Courtesy: Eduard Jendek      Larva - Courtesy: Eduard Jendek      Exit hole - Courtesy: Eduard Jendek      Trap - Courtesy: Dominic Eyre

#### Objective and scope of the network

The objective of this network is to exchange data on monitoring and to get a better understanding of the current distribution and spread of *A. planipennis* in the EPPO region. Moreover, information on effective trapping and management options could be shared. The network will focus on the EPPO region, however members from other regions are also welcome as significant knowledge on the pest biology, as well as experience on monitoring and control have been gathered in other parts of the world.



# Pest challenges

- *Xylella fastidiosa*
- *Agrilus planipennis*
- Vector HLB, *Trioza erytreae* and *Diaphorina citri*
- *Popillia japonica*
- *Bactrocera dorsalis*
- Tomato viruses like ToBRFV...
- Beech leaf disease, *Litylenchus crenatae mccannii*,  
collaboration with NAPPO region,  
EPPO Jens-Georg Unger Plant Health Fellowship



Courtesy:  
Eduard Jendek

Courtesy:  
Camille PICARD (EPPO)



# ***Spodoptera frugiperda* and Fusarium wilt**

- ***Spodoptera frugiperda***, impact in EPPO region low, reported only from few countries, control measures other pests effective
- **Fusarium wilt, TR4**, very serious risk, banana production in EPPO region low (records of presence in the Eastern part of the Mediterranean Basin e.g. Israel/Jordan/Lebanon/Türkiye), no report of major economic consequences
- On *S. frugiperda*, EPPO has a specific webpage and TR4 has been added to the EPPO Alert List.



## Other challenges



Courtesy:  
Eduard Jendek

- Coordinated monitoring of the spread and control of *Agrilus planipennis*, the Emerald Ash Borer
- Involvement of all member countries
- Geopolitical situation: makes organizing meetings in certain countries and travelling in the region more difficult
- Continue work on Diagnostic Protocols, PRA, information Services, Biological control agents, efficacy testing of plant protection products.



**Thank you !**