



Current pest status of *Xylella fastidiosa* in the EU

EUROPEAN COMMISSION

Directorate General for Health and Foods Safety (DG SANTE)

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Plant Health Law

From 14 December 2019 ...

Regulation (EU) 2016/2031 of the European Parliament and of the Council on protective measures against pests of plants



**Protect EU agriculture/ horticulture/
environment from new plant pests**



Increased vigilance for imports



**Early detection and action against
pest outbreaks in EU**

Basic concepts – *Xylella fastidiosa* in the EU legislation

Pest

Any organism injurious to plants and plant products

Union quarantine pest (QP)

not present in the Union territory, or present but not widely distributed, and its establishment there would have unacceptable economic, social and environmental impacts

Protected zone quarantine pest (PZ QP)

QP, but for specific EU zones only instead of the entire Union

Regulated non-quarantine pest (RNQP)

pests widely present in the Union; regulate its presence on certain plant reproductive material if it has unacceptable economic impacts

Implementing Regulation (EU) 2019/2072

Priority pests

QP with most severe impacts

Delegated Regulation (EU) 2019/1702

Specific measures against QP

Implementing Regulation (EU) 2020/1201



European Commission

EU measures: hand in hand with scientific developments

Outbreaks in the EU
(year of the 1st finding)

PORTUGAL (2019)

SPAIN (2016)

FRANCE (2015)

ITALY (2013)

EU
legislation

Feb
2014:
Decision
2014/87/
EU

July
2014:
Decision
2014/497
/EU

May 2015:
Decision (EU) 2015/789

August 2020:
Implementing Regulation (EU)
2020/1201

2013

2015

2019

2020

2023

2013: Urgent
advice on
X. fastidiosa

2015: Scientific
opinion on
X. fastidiosa

2019: Update of
Scientific opinion on the
risk of *X. fastidiosa*

2019: Pest survey card
of *X. fastidiosa*

2019: Pest
categorisation of non-
EU cicadomorpha

2020:
Guidelines
for
statistically
sound and
risk based
surveys of *X.
fastidiosa*

Since 2014: organisation and participation in scientific meetings and conferences

Since 2015: scientific opinions and statements

Since 2016: Regular updates of the database of host plants of *Xylella fastidiosa*

EFSA outputs

Implementing Regulation (EU) 2020/1201

L 269/2

EN

Official Journal of the European Union

17.8.2020

COMMISSION IMPLEMENTING REGULATION (EU) 2020/1201

of 14 August 2020

as regards measures to prevent the introduction into and the spread within the Union of *Xylella fastidiosa* (Wells *et al.*)

Measures to be taken by all Member States

Establishment of demarcated areas

Regulated plant species (host plants and specified plants)

Eradication and containment measures

Requirements to {

- move specified plants within the Union
- Introduce specified plants from third countries

Measures for Member States

Annual survey activities

- From January 2023 - statistically sound and risk-based surveys, following EFSA guidelines.
- Use of listed molecular tests (Annex IV)

Contingency plans, in addition those elements listed in PHL and the measures to eradicate, move plants and carry out official checks

- Minimum resources to be made available and how to make them available in case of confirmed/suspected case
- Rules for identifying the owners of plants to be removed, for notifying the order of removal and for accessing to private properties

Establishment of demarcated areas

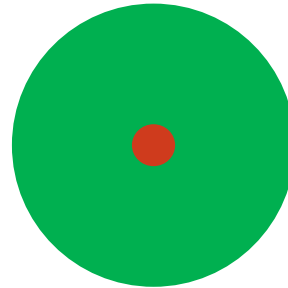
● IZ = Infected zone ● BZ = Buffer zone

Isolated finding



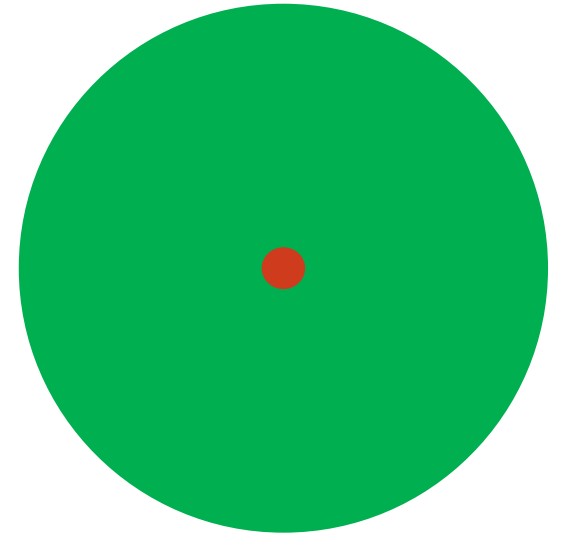
- At least 50m around infected plant
- At least 1 km surrounding IZ

Eradication



- At least 50m around infected plant
- At least 2,5km surrounding IZ

Containment



- At least 50m around infected plant
- At least 5km surrounding IZ

Demarcated areas in the EU

Eradication

ES

- Alicante

FR:

- PACA
- Occitanie

IT:

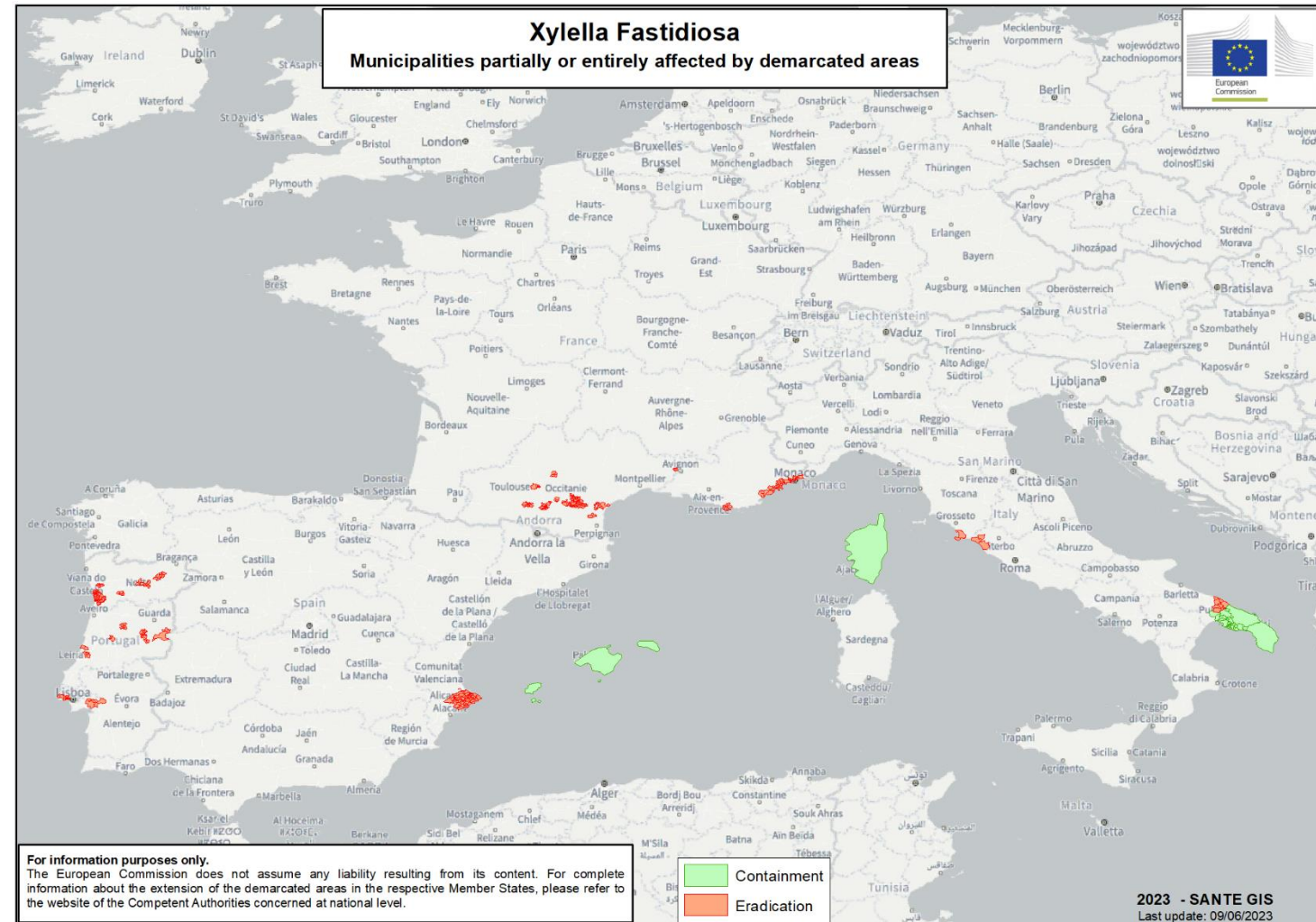
- Apulia
- Lazio
- Tuscany

PT

- Region Centre
- Region Lisbon
- Region Porto

Containment

- ES: Balears
- FR: Corsica
- IT: Apulia



Regulated plant species

Host plants

plants for planting, other than seeds, known to be susceptible to *Xylella fastidiosa* (Annex I)

Specified plants

host plants for planting, other than seeds, known to be susceptible to a specific subspecies of *Xylella fastidiosa* (*fastidiosa*, *multiplex*, *pauca*) (Annex II)

The list of plant species is updated according to the scientific input from EFSA

Eradication measures

Compulsory immediate removal of plants in IZ:

- known to be infected
- showing symptoms of infection
- belonging to the same species as the infected one
- of species found infected in the demarcated area
- other specified plants, which are not immediately sampled and tested

Vector control activities

- IZ: Phytosanitary treatments against vectors
- IZ and BZ: agricultural practices to control the vector

Annual surveillance of the demarcated area

- IZ: Sample and test host plants, (90% CL, 0.5% DP)
- BZ: Sample and test host plants (90% CL, 1% DP), 400 m closer to IZ higher risk
- Molecular tests (Annex IV)

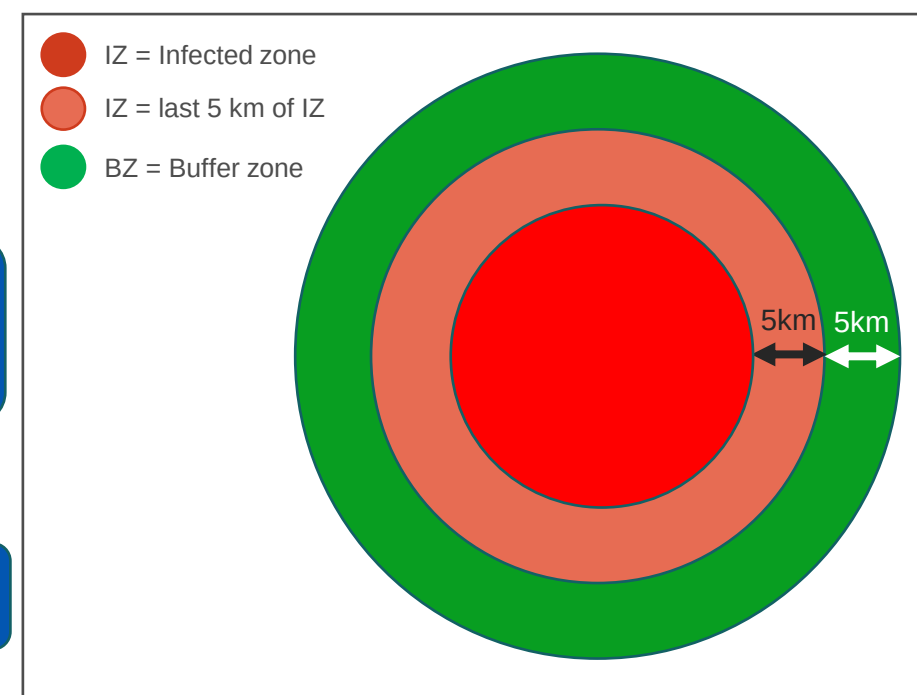
Containment measures

Compulsory immediate removal of plants in IZ:

- All plants infected

Vector control activities in IZ

- Phytosanitary treatments against vectors
- Agricultural practices in the area of **at least 5km of IZ adjacent to BZ**



Annual surveillance of the demarcated area

IZ (at least in the last 5 km of IZ adjacent to BZ and around designated sites):

- sample and test specified plants belonging to species found infected in the DA
- all other plants showing symptoms of infection
- sample and test host plants (90% CL, 0.7% DP), and vectors.

BZ:

- Sample and test host plants (90% CL, 1% DP), 400 m closer to IZ higher risk

Movement of specified plants within the Union

Movement out of a DA, and from the IZ into the BZ, of

- specified plants which have been grown:
 - in authorised production sites located in that DA
 - for the entire production cycle in vitro in that DA
 - for part of their life in a DA
- specified plants which have never been found infected in that DA
- dormant plants of *Vitis* which have been grown for part of their life in that DA

Authorisation of production sites

Movement of specified plants which have been grown outside DAs

Introduction of plants from TC

Country free

Area free

Pest free production site

Before trade can start, obligation to communicate by NPPO in writing to the Commission

Official checks

On movements of specified plants within the Union

At the introduction into the Union

Audits

Member States

- Regular audits to MSs with outbreaks
- Conformity of official controls with EU legislation
- Eradication/containment and movement controls
- Recommendations to improve enforcement of legislation

MS/Year	2014	2015	2016	2017	2018	2019	2020	2021	2022
Italy	x	x	x		x	x		x	x
France			x	x	x			x	x
Spain					x	x		x	
Portugal							x		x

Third countries

- Countries exporting *Xylella* host plants: pest status
- Assess the official controls on EU exports

Thank you

For further information consult the SANTE website:

https://food.ec.europa.eu/plants/plant-health-and-biosecurity/legislation/control-measures/xylella-fastidiosa_en



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Slide 2: photos, source: iStock.com; Slide 8: map, source: EUROPHYT Outbreaks