

AIPH International Plant Health Conference

**WORKING TOGETHER FOR A BETTER PLANT
HEALTH**

CASE STUDY – ITALY



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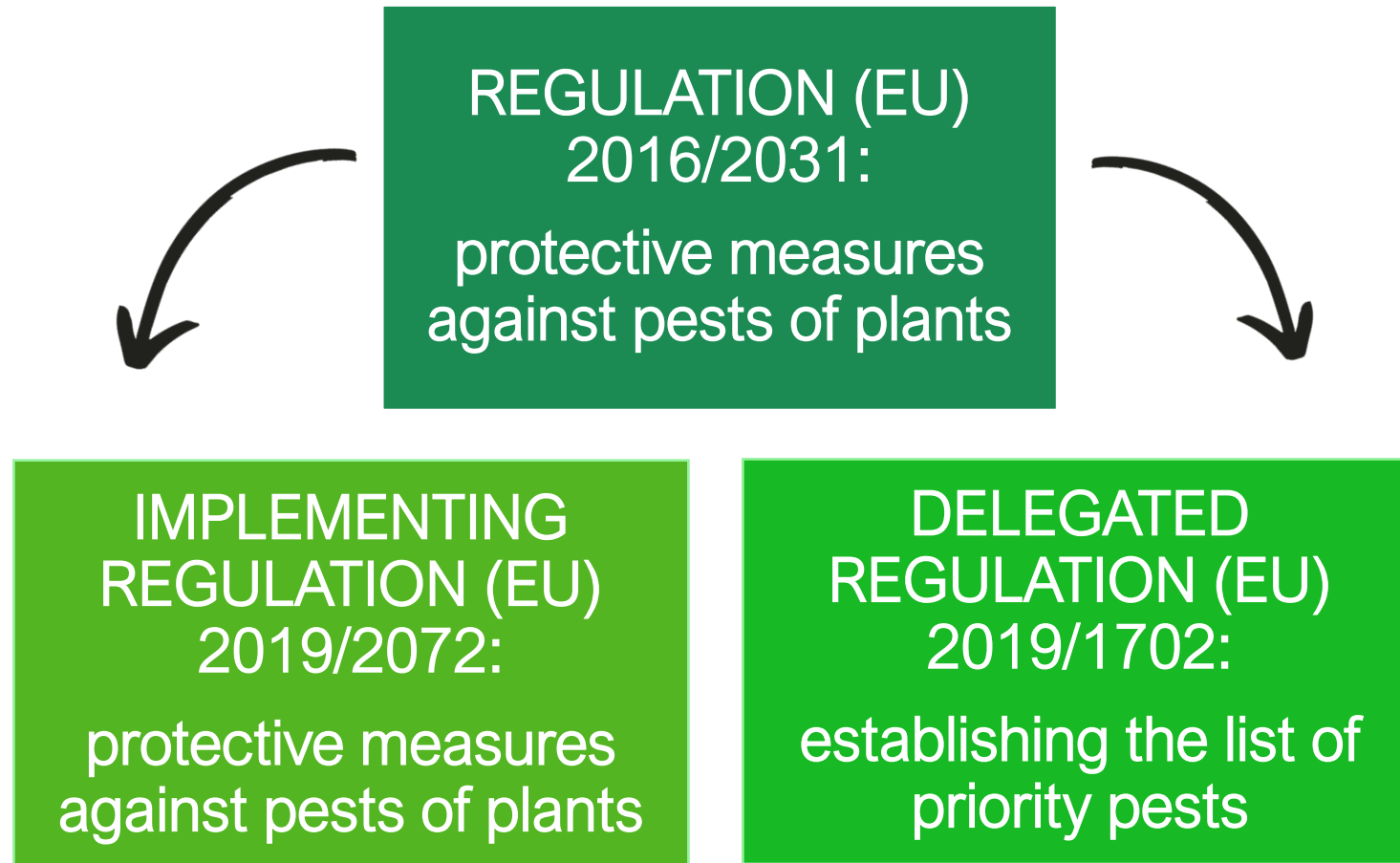


New european legislation asset

- ✓ REGULATION (EU) No 652/2014: for the management of expenditure relating to the food chain, animal health and animal welfare, and relating to plant health and plant reproductive material
- ✓ REGULATION (EU) No 1143/2014: on the prevention and management of the introduction and spread of invasive alien species (IAS)
- ✓ **REGULATION (EU) 2016/2031: protective measures against pests of plants**
- ✓ REGULATION (EU) 2017/625: official controls and other official activities performed to ensure the application of food and feed law, rules on animal health and welfare, plant health and plant protection products

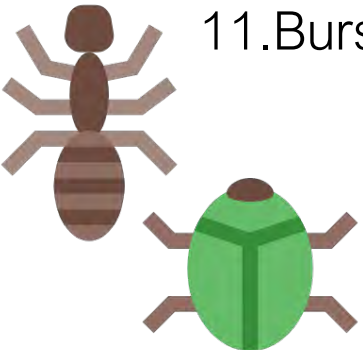


New european legislation asset



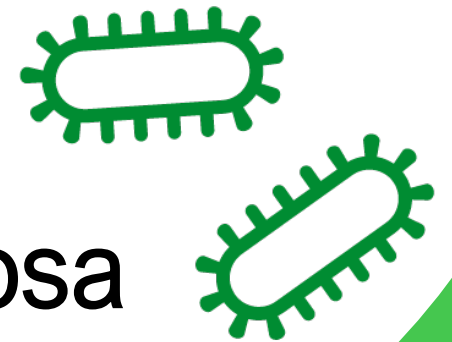
Priority Pests

1. *Agrilus anxius*
2. *Agrilus planipennis*
3. *Anastrepha ludens*
4. *Anoplophora chinensis*
5. *Anoplophora glabripennis*
6. *Anthonomus eugenii*
7. *Aromia bungii*
8. *Bactericera cockerelli*
9. *Bactrocera dorsalis*
10. *Bactrocera zonata*
11. *Bursaphelenchus xylophilus*



12. *Candidatus Liberibacter* spp., causal agent of Huanglongbing disease of citrus/citrus greening
13. *Conotrachelus nenuphar*
14. *Dendrolimus sibiricus*
15. *Phyllosticta citricarpa*
16. *Popillia japonica*
17. *Rhagoletis pomonella*
18. *Spodoptera frugiperda*
19. *Thaumatotibia leucotreta*

20. *Xylella fastidiosa*



Xylella Fastidiosa

EPPO code: XYLEFA

Categorization:

IMPLEMENTING REGULATION (EU) 2019/2072
Annex II - List of Union quarantine pests and their
respective codes

Part B - Pests known to occur in the Union territory

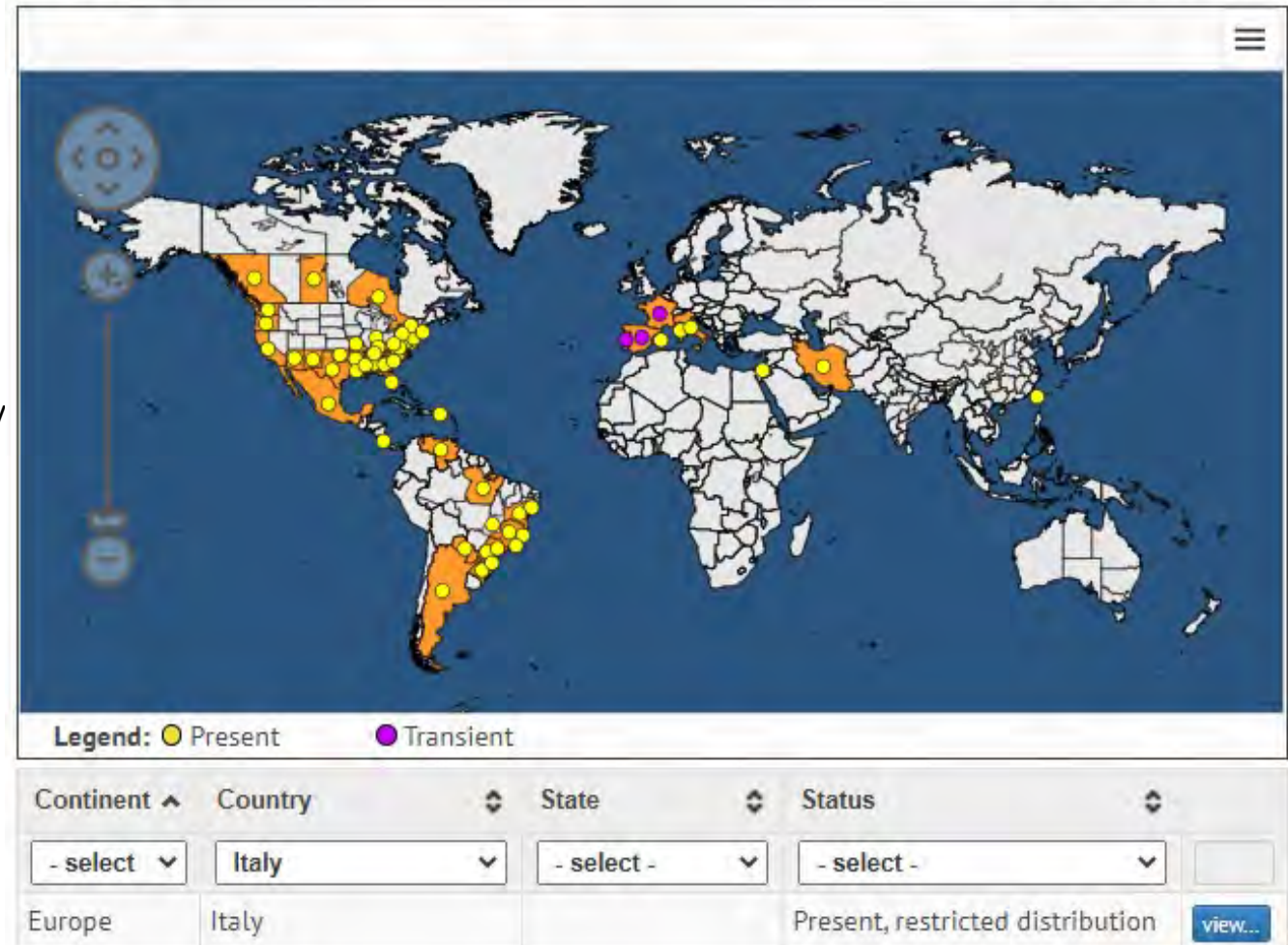
DELEGATED REGULATION (EU) 2019/1702:
establishing the list of priority pests

Notes:

One of the 'top ten' bacteria in molecular plant
pathology (source: EPPO)

Distribution

Last updated: 2020-09-24



Xylella fastidiosa

Evolution of outbreak in Apulia (1)

AUTUMN 2013



Xylella fastidiosa

Evolution of outbreak in Apulia (2)



April 2014



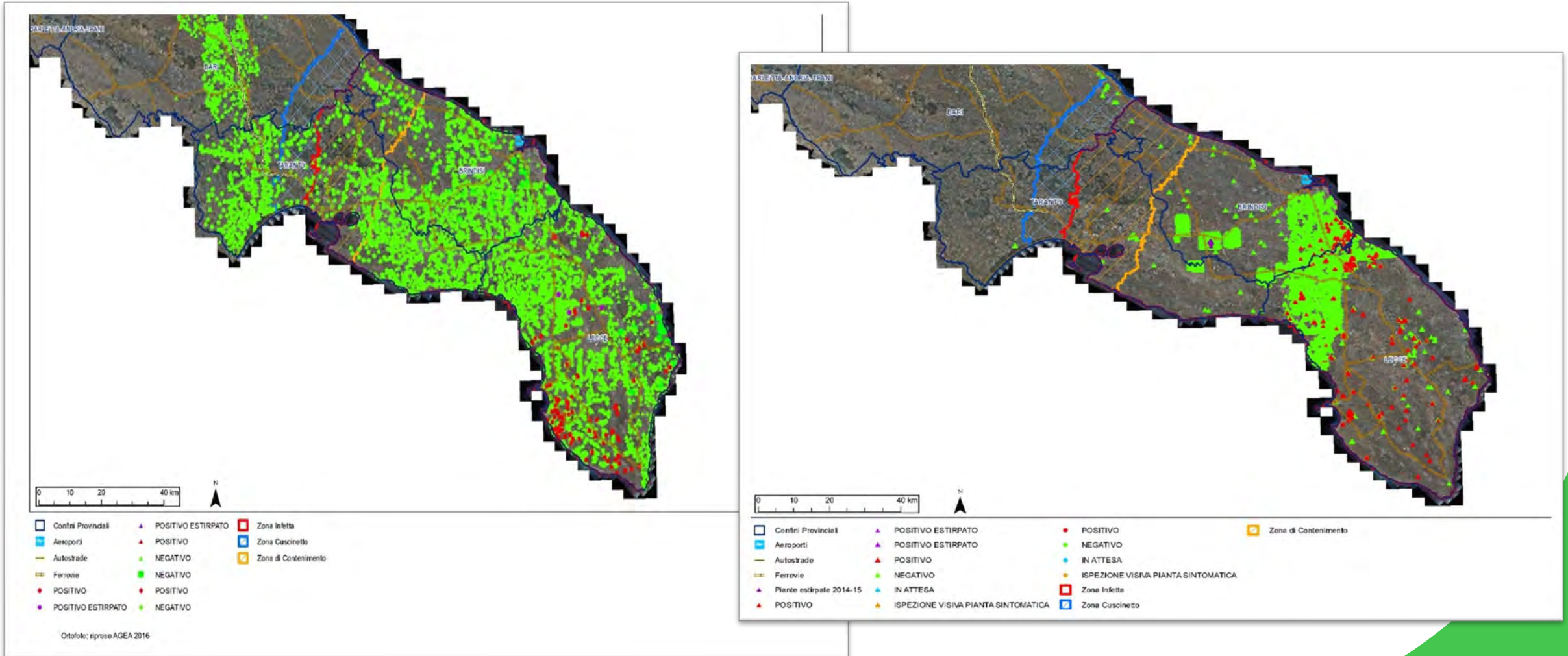
July 2014

The regional authority decides for containment measures



Xylella fastidiosa

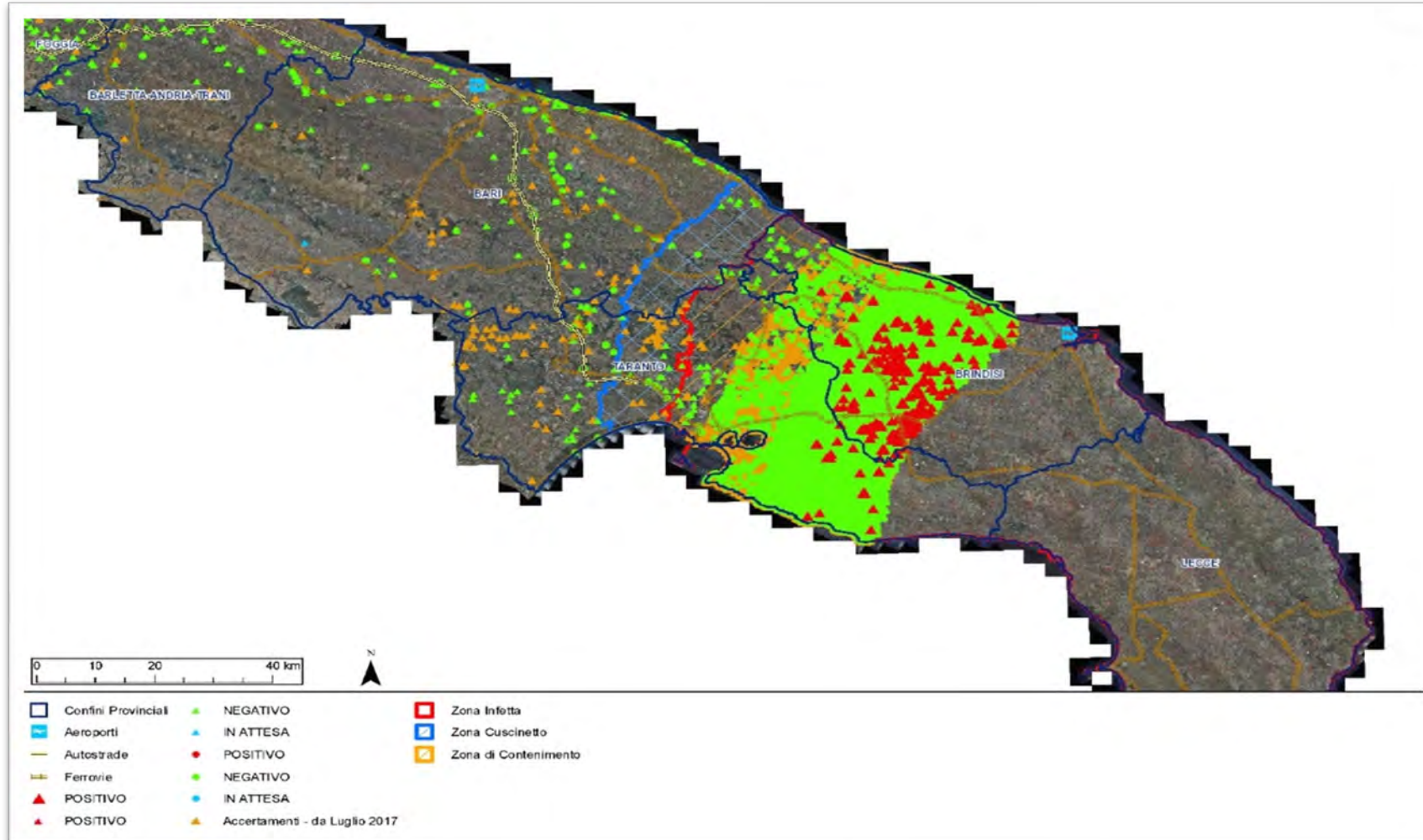
MONITORING CAMPAIGN 2013-2014



Source: Regione Puglia – portale www.emergenzaxylella.it

Xylella fastidiosa

MONITORING CAMPAIGN 2017-2018



Source: Regione Puglia – portale www.emergenzaxylella.it

Xylella fastidiosa

Problems for nurseries

- Nurseries inside the **demarcated area can't grow** and trade specified plants.
- Especially the nurseries specialised in **one or two species**, i.e. Olea and Prunus, have been seriously compromised.
- Nurseries in the free areas are able to move plants after several checks but, anyway, they have had many problems in EU because the low confidence from the clients.
- Now the confidence is high. Persist prohibition of export to north Africa and middle east countries.
- Highly sensitive plants, Coffea, Lavandula dentata, Nerium oleander, Olea europaea, Polygala myrtifolia and Prunus dulcis.



Measures to prevent the introduction

- Art. 4: Establishment of demarcated areas + 1 km
- [...] The demarcated area shall consist of an infected zone and a buffer zone.
- The infected zone shall have a radius of at least 50 m around the plant found infected by the specified pest
- The buffer zone shall be of the following width:
 - at least 2,5 km in the case of an infected zone established for the purpose of taking the eradication measures
 - at least 5 km in the case of an infected zone established for the purpose of taking the containment measures [...]



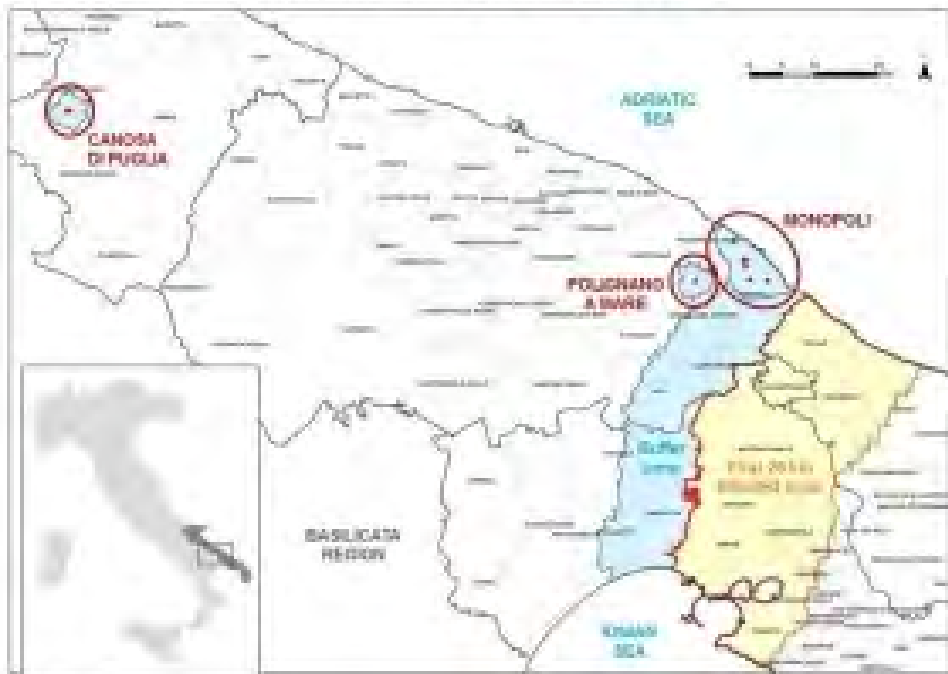
EU demarcated areas



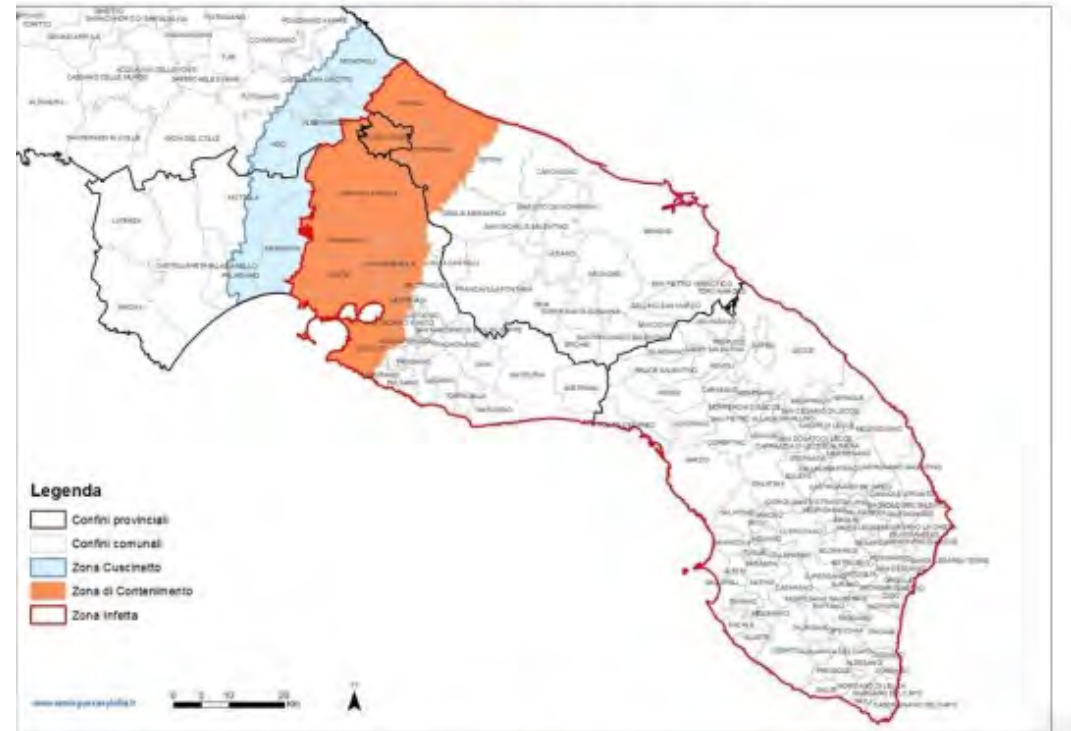
Apulian demarcated areas

MAP OF THE DEMARCATED AREAS ESTABLISHED IN THE REGION OF APULIA (ITALY)

1. DEMARCATED AREA UNDER ERADICATION



2. DEMARCATED AREA UNDER CONTENIMENT



MAP OF THE DEMARCATED AREA ESTABLISHED IN THE REGION OF

What we do in Italy to support the companies?

5 tools

- Pest risk management plans
- Quality standard VivaiFiori
- Pest insurance
- Phytoweb
- Relationships



Pest risk management plans

Art. 91 of Regulation EU 2016/2031:

- [...] Authorised operators may have in place pest risk management plans [...].
- [...] Authorised operators implementing an approved pest risk management plan may be subject to inspections with a reduced frequency. [...]



Quality standard VivaiFiori

The VivaiFiori process certification system addressed to floricultural supply chain.

- ✓ Procedure for phytosanitary risk management
- ✓ Internal traceability methods;
- ✓ The company keeps its staff updated on national and international regulations for the production and handling of plant material;
- ✓ Update on union, national and regional lists of IAS – Invasive Alien Species;
- ✓ Botanic identification systems for the species produced and marketed;
- ✓ Systems for alerting and recalling goods in the event of non-compliance with regulatory requirements;
- ✓ Labelling systems stating regulatory information.



The brand of nursery-gardening

Disciplinary periodically
verified by **CQY**
CERTIFICAZIONE

www.vivaifiori.com

Pest insurance

EU subsidised multi-risk insurance to protect ornamental plant nurseries against:

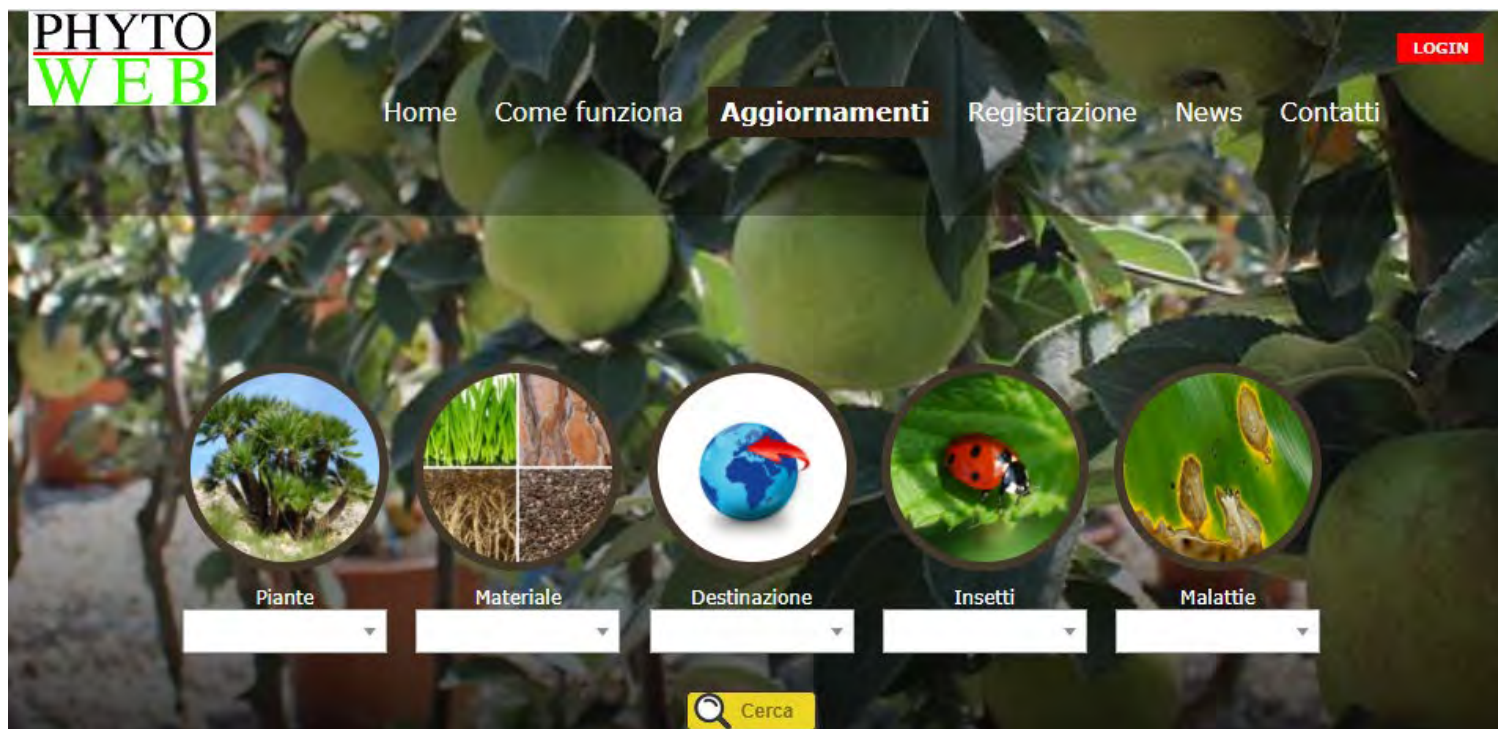
- ✓ Plant diseases as well as the bacterioses (i.e. *Xylella fastidiosa*), virosis, *Popillia japonica*, *Anoplophora chinensis*, *Rincophorus ferrugineus*, root rot, and more;
- ✓ The policy is drawn up in compliance with the **EU regulations** in force and, therefore, enjoys the contribution on the payment of the premium by the European Commission up to 70% of the total requested by the insurers.



We are working to obtain indirect damages contribution, i.e. for quarantine measures!

PHYTOWEB

The website www.phytoweb.it provides a search engine where, soon, will be present all the requirements to move plants within EU as the IMPLEMENTING REGULATION (EU) 2019/2072 (protective measures against pests of plants).



Scheda di ricerca #455

Specie:	<input type="text" value="Castanea spp."/>	Materiale vegetale:	<input type="text" value="Piante destinate all'impianto"/>
	<input type="text" value="Quercus spp."/>		
Provenienza:	<input type="text" value="Europa, Italia compresa"/>	Destinazione:	<input type="text" value="Regno Unito"/>
Assenza seguenti insetti:	<input type="text" value="Nessun vincolo"/>	Assenza seguenti malattie:	<input type="text" value="Cryphonectria parasitica (cancro corticale del castagno)"/>

Condizioni particolari

ZONA PROTETTA - Esportazione Quercus L.
Prescrizioni particolari per le zone protette

1. Passaporto delle Piante dedicato ZP
2. Dichiarazione ufficiale che
 - a) le piante sono state coltivate per tutto il loro ciclo vitale in luoghi di produzione di paesi in cui *Cryphonectria parasitica* (Murrill) Barr è notoriamente assente;
 - oppure b)** le piante sono state coltivate per tutto il loro ciclo vitale in una zona indenne da *Cryphonectria parasitica* (Murrill) Barr, istituita dall'organizzazione fitosanitaria nazionale conformemente alle pertinenti norme internazionali per le misure fitosanitarie; **oppure c)** nessun sintomo di *Cryphonectria parasitica* (Murrill) Barr è stato osservato nel luogo di produzione o nelle immediate vicinanze dall'inizio dell'ultimo ciclo vegetativo completo

ZONA PROTETTA - Esportazione Castanea Mill.

1. Passaporto delle Piante dedicato ZP
2. Dichiarazione ufficiale che le piante sono state coltivate per tutto il loro ciclo vitale:
 - a) in luoghi di produzione di paesi in cui *Cryphonectria parasitica* (Murrill) Barr è notoriamente assente;
 - oppure b)** in una zona indenne da *Cryphonectria parasitica* (Murrill) Barr, istituita dall'organizzazione nazionale per la protezione delle piante conformemente alle pertinenti norme internazionali per le misure fitosanitarie.

Informazioni aggiuntive

Il Regolamento di esecuzione 2019/2072 regola la possibilità di esportare Quercus all'interno dagli Stati Membri verso l'Irlanda, dichiarandola **ZONA PROTETTA**.
Link al Regolamento di Esecuzione
<https://eur-lex.europa.eu/legal-content/IT/TXT/PDF/?uri=CELEX:32019R2072&from=IT>
Pagine relative la Zona Protetta - 204/205

Relationships

- We actively maintain **relations with political and administrative representatives**;
- We believe that the scourge of Xylella is destined to persist in our continent and that it is therefore important to identify policies of coexistence and reconciliation between the defense of the territory and the entrepreneurial development;
- Finally, it is important to facilitate the **compensation procedures** for farms subjected to handling blocks.



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Thanks for your attention!