

NICHOLSONS

Plants Forestry Landscapes

A wide-angle photograph of a nursery facility. The foreground and middle ground are filled with rows of young plants, likely shrubs or small trees, each housed in a black plastic tray. These trays are arranged in long, parallel rows, each enclosed by a green mesh fence supported by wooden posts. In the middle ground, a small green tractor with a trailer is parked. Two workers in green shirts are visible, tending to the plants. A dirt path runs along the right side of the nursery. The background is a dense line of mature trees under a clear sky.

BIO SECURE PLANTING

Merlin Brooke-Little (Director of Plants)

Why Bio Security all of a sudden?



Economics – Ornamental Horticulture and Landscaping
Industry worth £25 bn. 1.6% of Workforce



Environment – Tree P&D outbreaks regularly impacting
the native ecology



Politics - Insularity crossover to industry



Public Opinion – As inspired by media, information
sharing, and industry responsiveness



Opportunity – For homegrown, for border control, for
joined up thinking

WHAT IS BIO-SECURITY?

A set of precautions to prevent the introduction and spread of harmful organisms

WHAT ARE HARMFUL ORGANISMS?

Non-native pests and diseases harmful to the environment, health and economy

WHAT ARE BIO-SECURITY MEASURES?

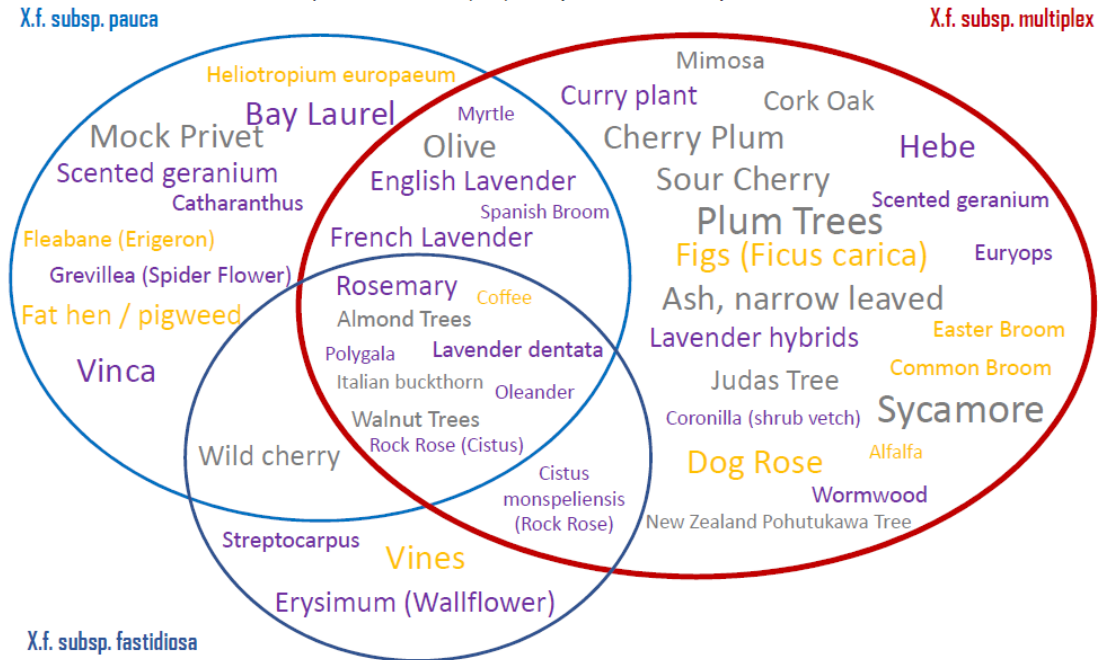
The practical steps designed to reduce the risk of introducing or spreading pests and diseases



What threat..?

XYLELLA HOST SPECIES INFOGRAPHIC

Xylella fastidiosa (X.f.) subspecies and host plants



Disclaimer: The information in this graphic is not complete as it only considers the main plant species considered relevant to the UK horticulture and gardening sector. The information was sourced from DEFRA's Plant Health Portal and deemed correct as of September 2018 however new host species are being added to the list as they arise. Please check the DEFRA Plant Health Portal for up to date information. The HTA does not accept any responsibility or liability for the accuracy of the information contained in this graphic, nor shall be responsible for any loss of business or profits resulting from any use of this information.

Escalation of pests / pathogens over 40 years

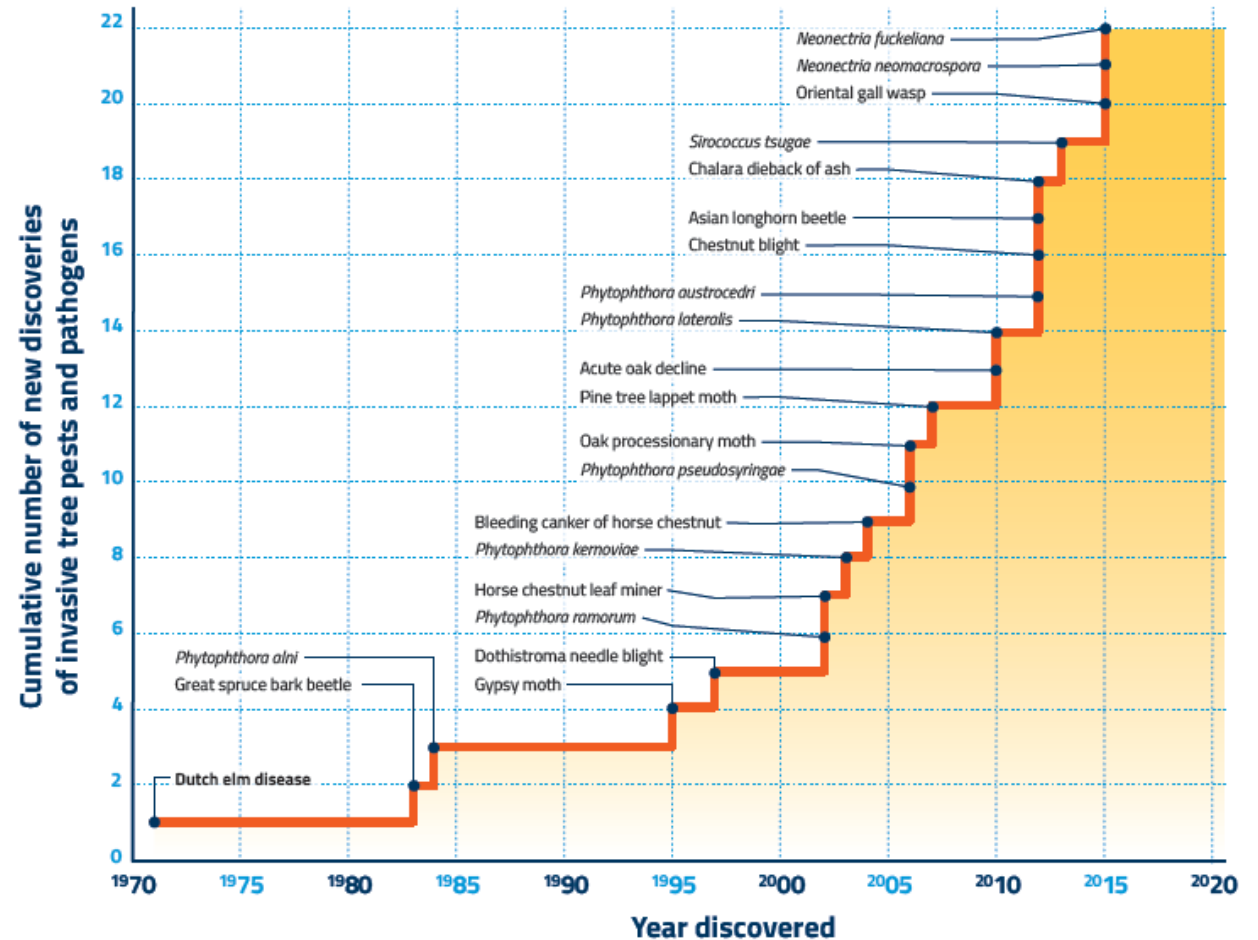


Figure 1: Indicating known findings of unwanted tree pests and pathogens in the UK since the 1970s (updated and compiled by J. Roberts based on the original work of Dr. J Webber).

STAKEHOLDERS - the danger

CLIENT

Wants instant big impact planting

CONTRACTING AGENT

Can help with anything and nothing is a problem

CONTRACTOR

Will get plants through any means to keep Agent happy

SUPPLIER

Can't supply owing to legislation, supplies from cheap overseas source

REPUTATION

Compromised

Key points for
all stakeholders
to focus on

Policy

Standard Practice

Risk assessment

Sourcing

Quality and inspection

Quarantine

Knowledge, training & supervision

Lead by example

STAKEHOLDERS - the **right way**

CLIENT

Well informed of opportunities and restrictions on plant sourcing. Aware of UK supply versus imports. Confident in their choice of Agent to carry out work; that they are knowledgeable, able to offer solutions that are sensitive to budget, expectations, realities and risk

CONTRACTING AGENT

Up to date on legislation and threats. Able to make appropriate recommendations in light of legislation and appropriate specification. Working with Quality Assured contractors

CONTRACTOR

Aware of sourcing requirements. Knowledge of trusted suppliers. Understanding of lead times. Awareness of species and site suitability and good relationship with Agent

SUPPLIER

Able to demonstrate knowledge and understanding. Provide assurance / documentation that plant material has been inspected, passported, reported and quarantined where necessary

REPUTATION

Intact and enhanced

Who are the Industry Stakeholders?



Government and Agencies



Horticultural Trades Association



Landscaping Industry



Nurseries



Garden Centres



Forestry & Woodland Organisations

Champions for Plant Health

- The Government

- Defra, Forestry Commissions, Apha
- 2018 All-Party Parliamentary Gardening and Horticulture Group led an enquiry into the key issues facing the horticulture sector, what is needed from Government to secure the sector's future post-Brexit?

Conclusions of October 2018 report...

- The evidence submitted in this inquiry clearly demonstrates the importance of the horticulture sector to the UK.
- The sector is doing all it can to invest in its nurseries, protect against pests, innovate and develop, as well as attract and retain a highly skilled workforce. However, it needs further Government support and coordination at national level to achieve all its outcomes.
- The various aspects of horticulture cover a number of different Government Departments; however, it is not clear how, or if, their overlapping remits work in tandem. *If ever there was a case for joined-up Government thinking, this is it. There is a clear need for Government to ensure that there is united policy on all matters relating to horticulture.*

Information Sources

- DEFRA Plant Health Portal

<https://planthealthportal.defra.gov.uk/>

- UK Plant Health Register

<https://secure.fera.defra.gov.uk/phiw/riskRegister/index.cfm>

- E Domero Register

<http://edomero.defra.gov.uk>

- Forest Research

<https://www.forestresearch.gov.uk/tools-and-resources/pest-and-disease-resources/>

- Arb association Fact Sheets

<https://www.trees.org.uk/Help-Advice/Pests-and-Diseases>

- Observatree

<https://www.observatree.org.uk/>

Champions for Plant Health

- The Government
- Landscape Industry Leaders
- The Horticultural Trade Association
- RHS
- The Forestry Commission

Identify a tree pest or disease

[Identify a tree pest or disease: overview](#)

26 September 2018 Guidance

[Find a specific tree pest or disease](#)

26 September 2018 Guidance

Report a notifiable tree pest or disease

[Report a tree pest or disease: overview](#)

26 September 2018 Guidance

Manage a tree pest or disease

[Manage a tree pest or disease: overview](#)

26 September 2018 Guidance

[Prevent the introduction and spread of tree pests and diseases](#)

26 September 2018 Guidance

Champions for Plant Health

- The Government
- Landscape Industry Leaders

“We the undersigned, offer our commitment to “spread the word” through training, information and informal discussions to our members & industry colleagues, of the importance of protecting our industry, economy & country from the threat of plant diseases and pests, by working to agreed standards and a monitored & standardised supply chain. ”



Plant Health and Biosecurity: The Landscape Consultant's Toolkit

LI Technical Guidance Note 01/19

This guidance helps practitioners apply biosecurity principles to their work

Champions for Plant Health

- The Government
- Landscape Industry Leaders
- The Horticultural Trade Association

- Developing with industry and working with Government to produce the Plant Healthy website. This provides a self-assessment tool for horticulture businesses and organisations to improve the biosecurity of sourcing systems and advance plant health management practises. www.planthealthy.org.uk.
- The tool is based on the recently published Plant Health Management Standard (PHMS) – an initiative that Grown in Britain and HTA have been working hard to advance,
- Working with government to set up governance structures and appointing certification bodies, independently to audit businesses demonstrate that robust plant health management practises are integral to their operations.

Champions for Plant Health

- The Government
- Landscape Industry Leaders
- The Horticultural Trade Association
- RHS

- 500,000 enthusiastic members and expert eyes. 9,600 plant health enquiries in 2018.
Working with APHA and the Forestry Commission to follow up
- RHS diagnostics identify new issues including Box Tree Moth (*Cydalima perspectalis*)
- Banning Xylella hosts from shows. Quarantining imports for 3 months prior to shows.
Isolating imported semi-mature trees for RHS Gardens for 12 months


Champions for Plant Health

- The Government
- Landscape Industry Leaders
- The Horticultural Trade Association
- RHS
- The Forestry Commission
- Nurseries

- Trading and selling responsibly
- Establishing and maintaining good supplier relationships.
- Communicating with industry, sharing expertise and experience, training
- Supporting assurance schemes and requiring same of trading partners
- Positive messages rather than scare-mongering.
- Promoting UK grown production

At
NICHOLSONS
we....

| | |
|---|------------------|
| aim to source UK and encourage suppliers to grow to our needs | UK-source |
| visit our overseas suppliers inspect and choose stock. Plant Supplier Accreditation | Inspect stock |
| have on site QC checking and quarantining as standard | QC Check |
| comply with all Government regulations on reporting plant movements | Comply with regs |
| do not purchase Xylella hosts from overseas | No Xylella |
| support clients to make the right choices | Support clients |
| make tough commercial decisions to help clients and protect environment | Make decisions |



Finally...we are focussed on growing and supplying healthy plants that will enhance the environment for our clients and future generations.

THANK YOU