

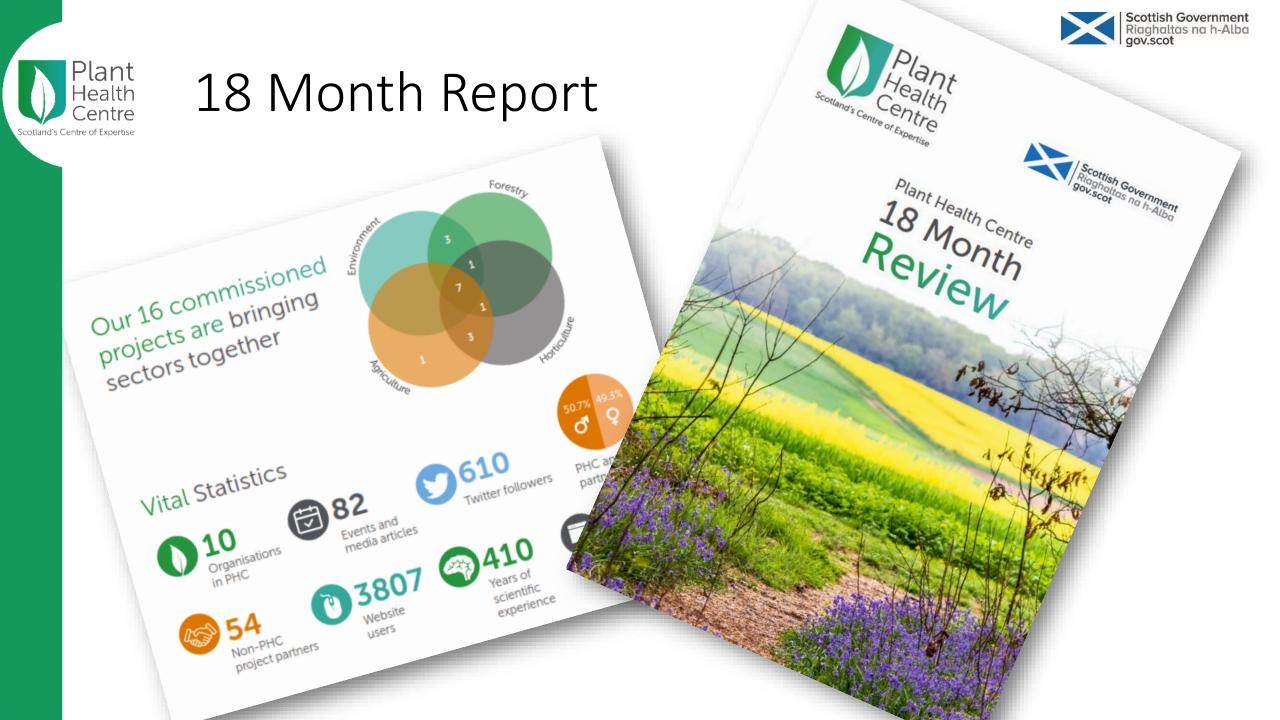


# Scotland's Plant Health Centre of Expertise – An update March 2020

#### Funded by the Scottish Government through RESAS

#### lan Toth

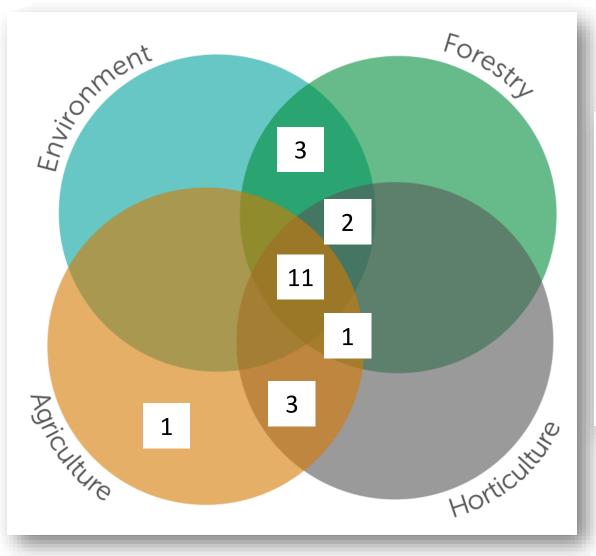








#### Statistics - Projects









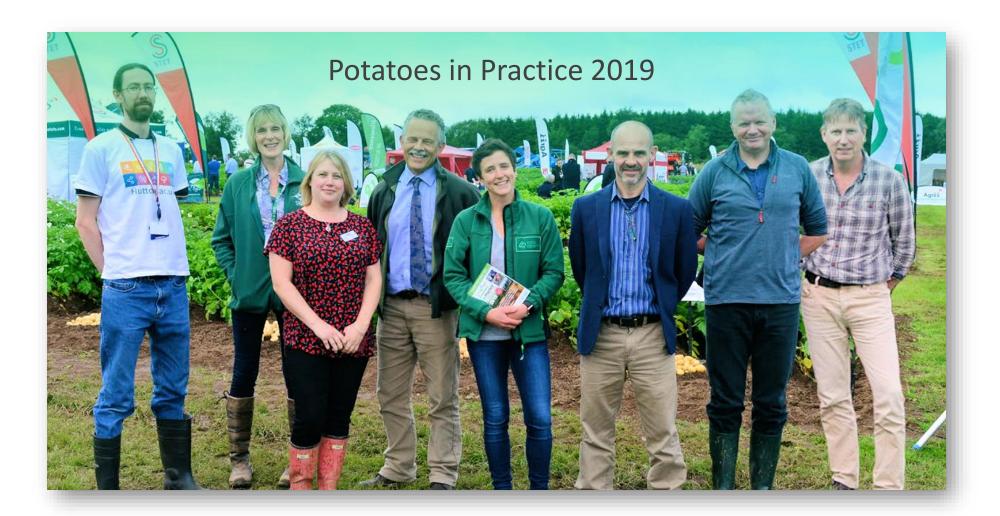
#### Statistics – Knowledge Exchange

711 Twitter followers	<b>6746</b> Website users
Events and media article	





#### Impact through engagement





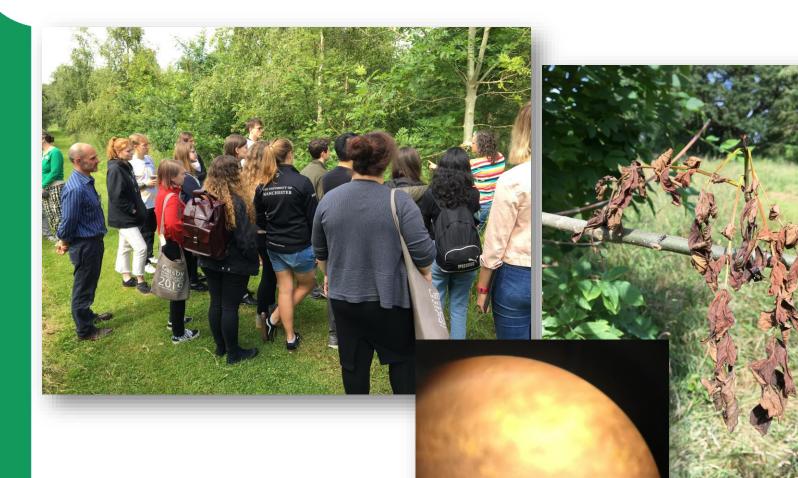


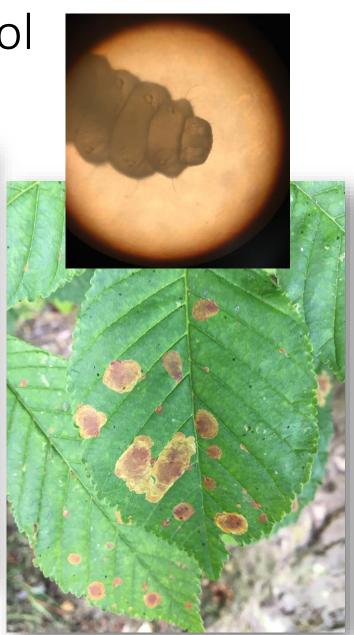




### Gatsby Plant Health Summer School



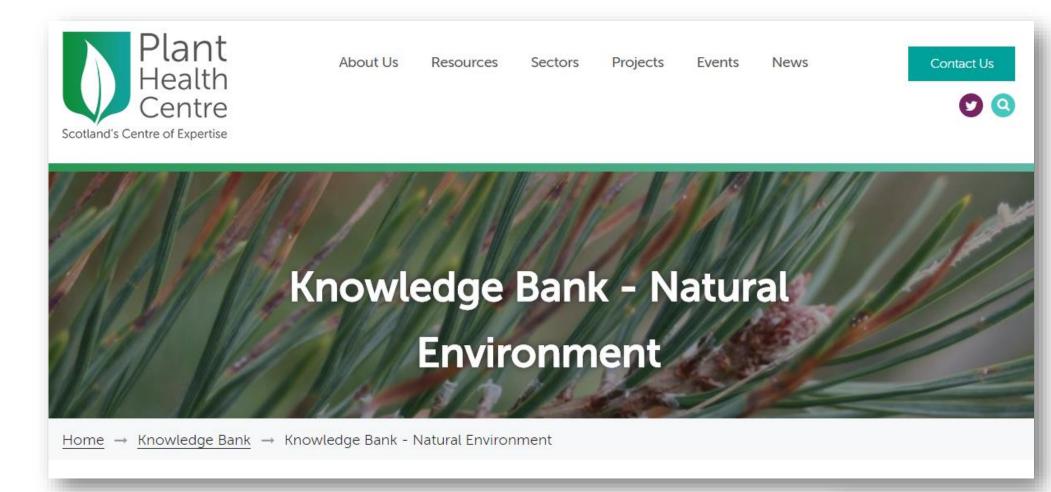








# Knowledge Bank for Natural Environment



Katherine Hayden, Joanne Taylor

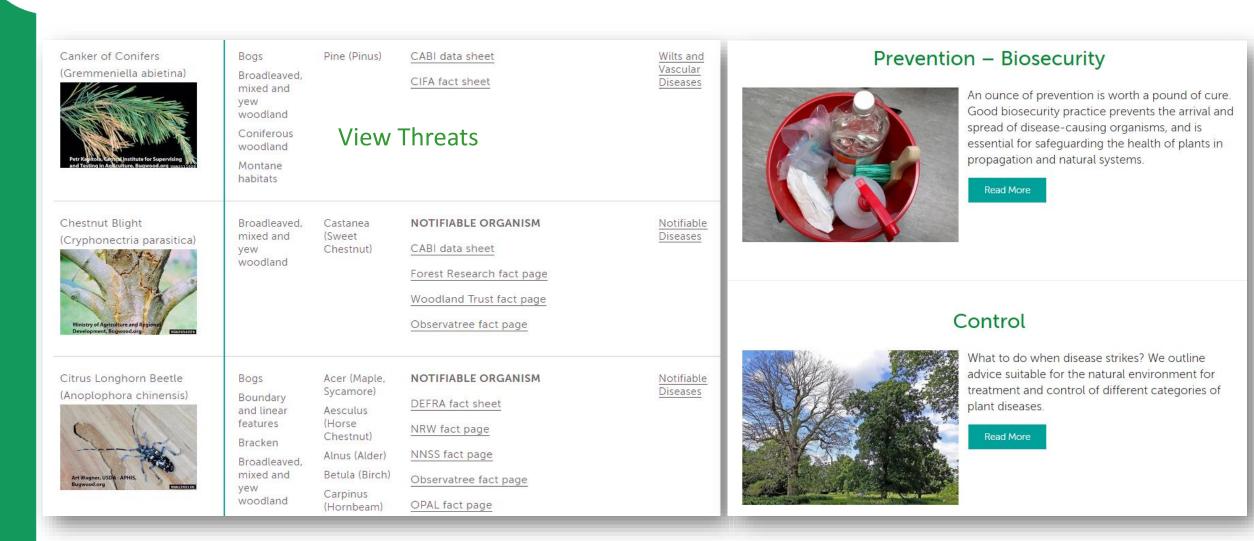


Royal Botanic Garden Edinburgh



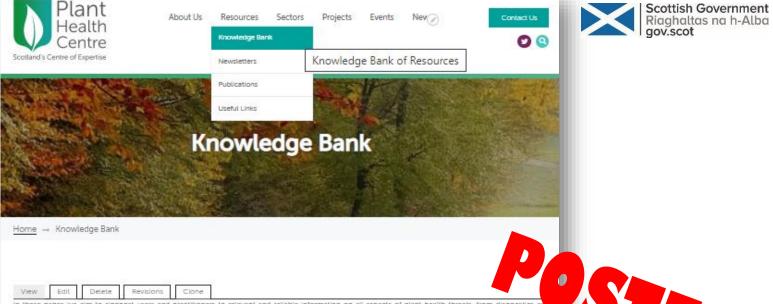


## Threats, prevention and control





# A Knowledge Bank for all sectors



In these pages we aim to signpost users and practitioners to relevant and reliable information on all aspects of plant health threats, from diagnostics and control to outreach and education. Whereas there are dedicated agencies providing expertise and guidance in the agriculture, forestry and horticulture sectors, there is less such assistance for those who work in the natural environment. Therefore, in the pages for the <u>Natural Environment</u>, we also provide general recommendations for disease prevention and control.

Information for all sectors will be updated on a regular basis.

#### Information by all Sectors



AGRICULTURE



FORESTRY



**ENVIRONMENT** 



HORTICULTURE





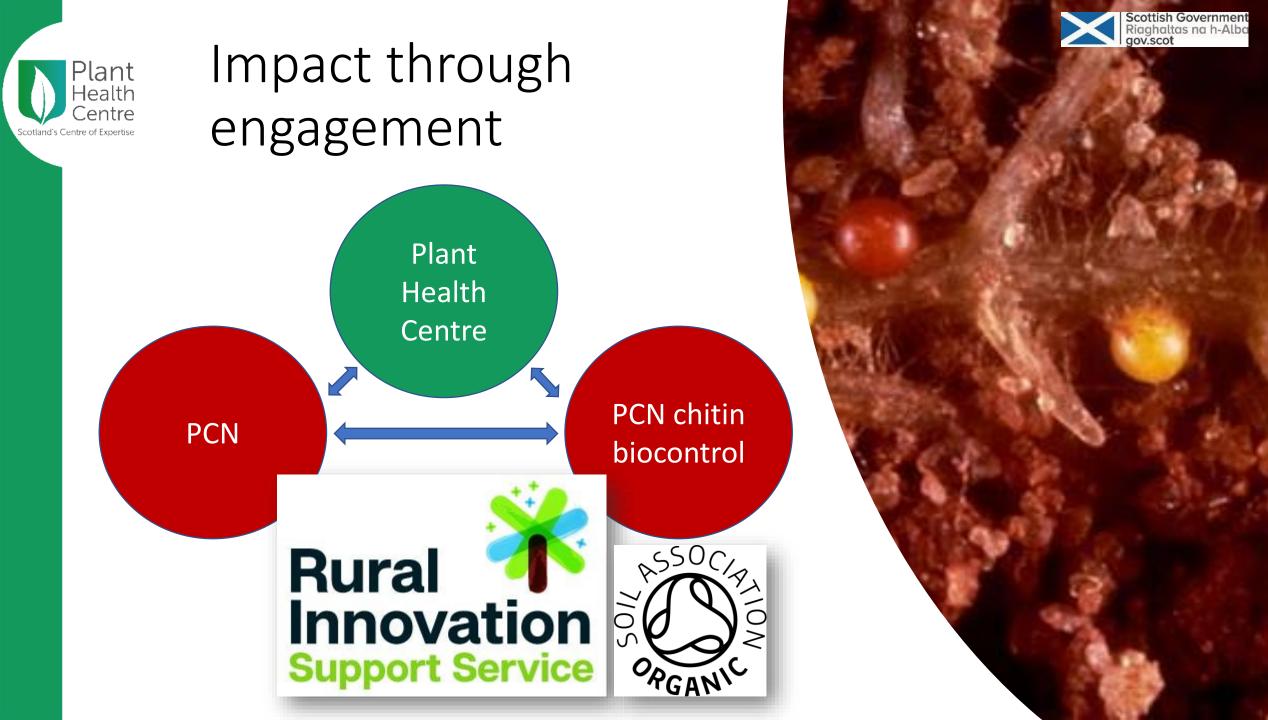
# The Future Threat of PCN



Vivian Blok, Jon Pickup, Kim Davie, Helen Kettle, Adrian Roberts, Laure Kuhfuss, Adam Kleczkowski, Beth McDougall



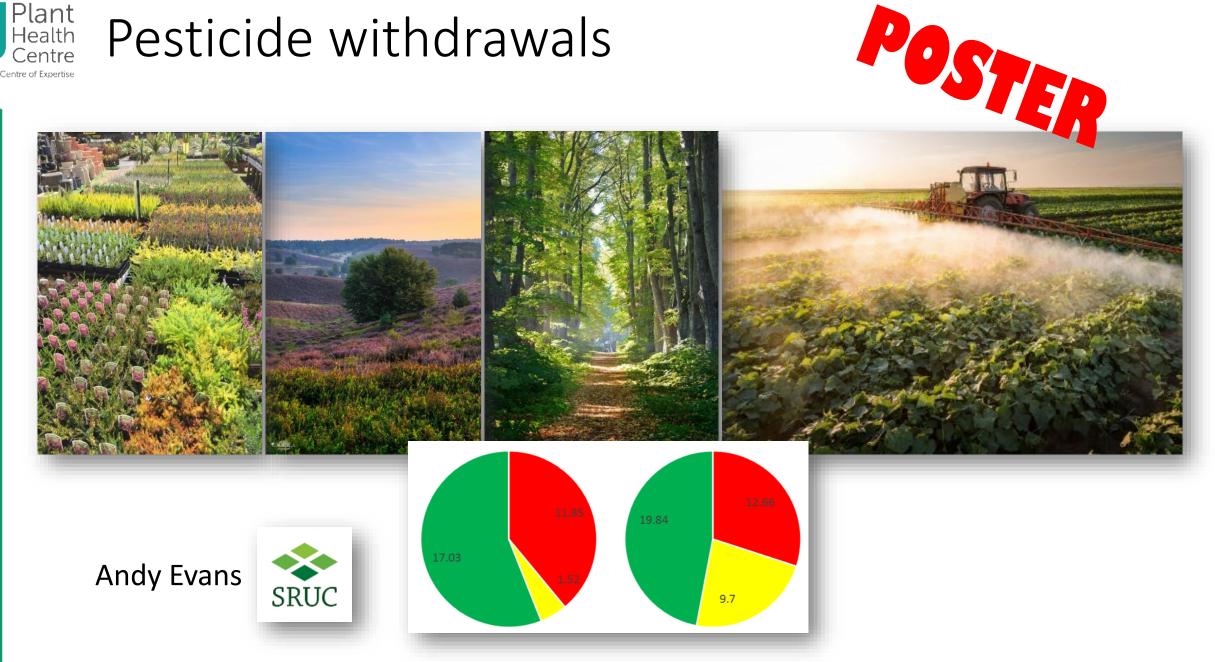








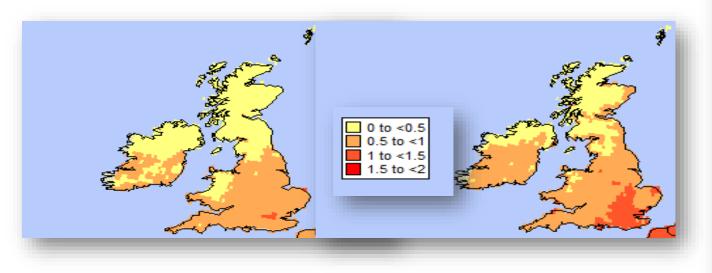
### Pesticide withdrawals







## Brown Marmorated Stink Bug

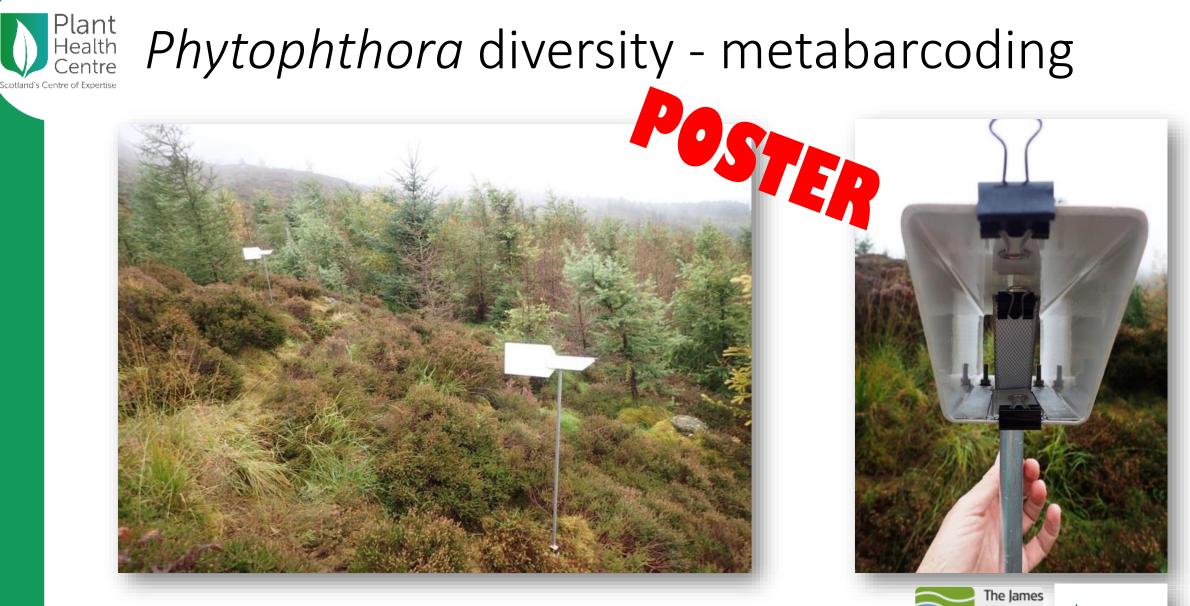


Andy Evans, Alison Dolan, Gaynor Malloch, Carolyn Mitchell, Ailsa Smith Yvonne Arnsdorf, Alistair Hamilton









Carolyn Riddell, Sarah Green, Debbie Frederickson-Matika, Peter Cock, Pete Hedley







# *Phytophthora ramorum* – spore transfer









April Armstrong, Sarah Green, Carolyn Riddell CA Forest Research





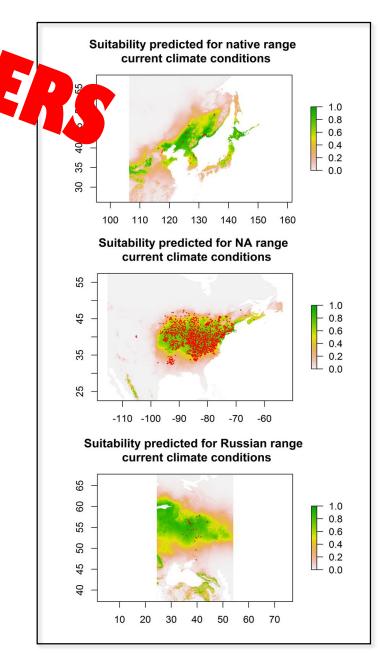


# Modelling Framework for invasive pests



**BioSS** 

Vincent Kenan, Adam Kleczkowski, Glenn Marion

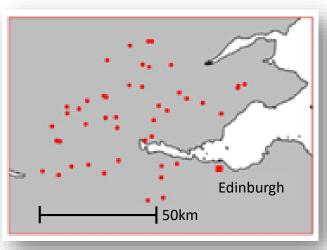






# *Xylella* - Abundance and detection







Elisa Fuentes-Montemayor, Kirsty Park, Matthew Guy, Katherine Lester, Stuart A'Hara, Joan Cottrell

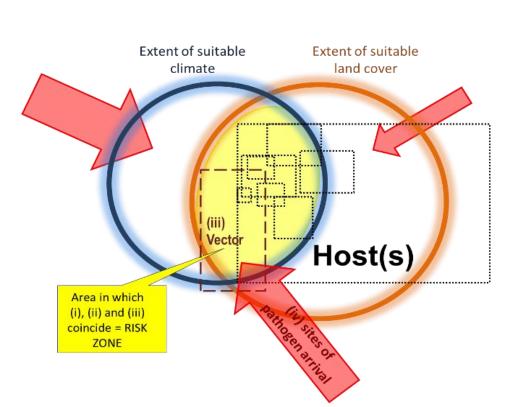




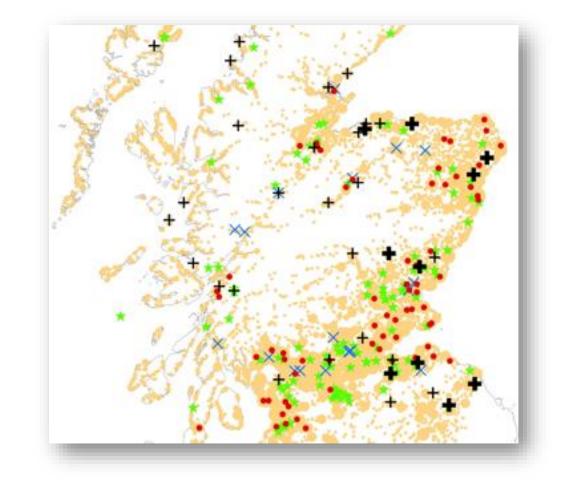




# Xylella - Risk mapping



Samantha Broadmeadow, Kevin Watts, Chris Quine, Ruth Mitchell



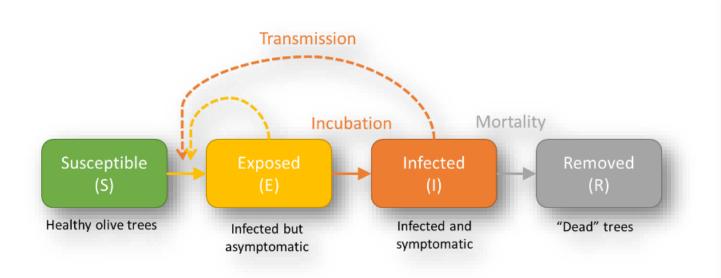


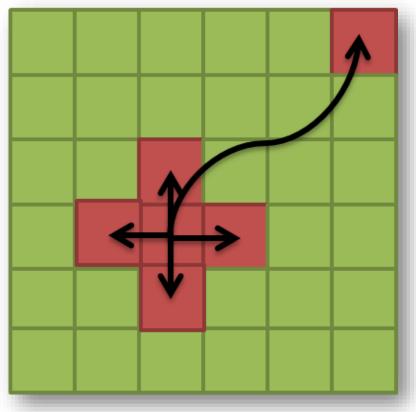






# Xylella - Modelling surveillance





Steven White, James Bullock, Stephen Cavers, Daniel Chapman









#### Knowledge networks - Xylella





Samantha Broadmeadow



Kevin Watts



Joan Cottrell







**Stephen Cavers** 





Kirsty Park



Dan Chapman



Katherine Leicester





#### Knowledge networks - Xylella





UK Science Partnership for Animal and Plant Health













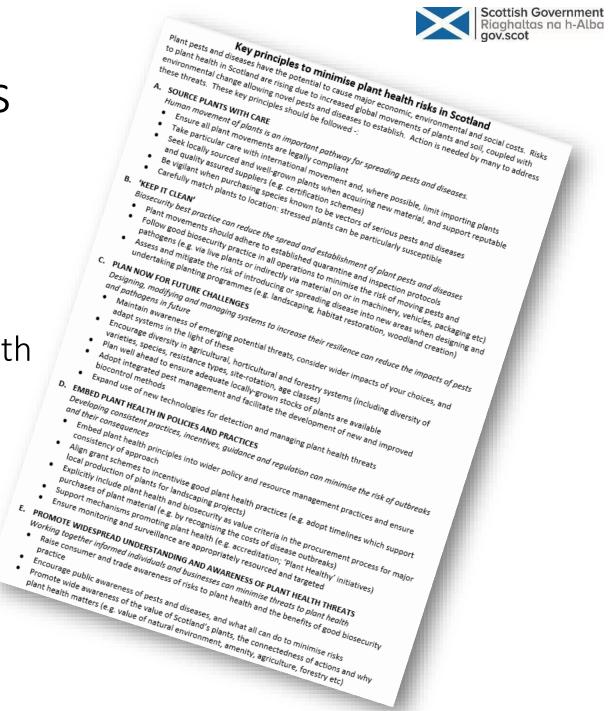




#### IYPH 2020 - Projects

#### PHC workshop

# Key principles to minimise plant health risks in Scotland







#### IYPH 2020 - Projects

#### Assessment of large-scale plant biosecurity risks to Scotland





# IYPH 2020 Calendar of Events The Plant Health Service in Scotland The Scotlish Plant Health Service is Made up of





Introduction





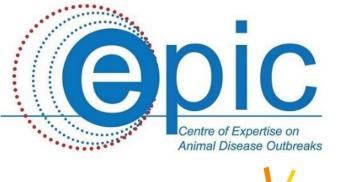
# Working with other Centres

**CENTRE OF** 

climate change

CREW CENTRE OF EXPERTISE FOR WATERS

Scotland's centre of expertise connecting climate change research and policy



SEFARI

# **COP 26 GLASGOW**



**UNITED NATIONS CLIMATE CHANGE CONFERENCE** 

#### **NOVEMBER 2020**



119

followe

523

TW

Scotland's Plant Health

New

@PlantHealthScot



CONTACT US

PHC News

PLANS FOR XYLELLA FASTIDIOSA

ency plans are an important part of Scotland's planning against possi-Icy plans are an important part of Scotland's planning against possi-sions of harmful plant pests and pathogens. While the UK contingency valation freest-these many of the recursivements for this threat the Sions of harmful plant pests and pathogens. While the UK contingency Xylella fasticliosa offers many of the requirements for this threat, the math comme is weathing with the chief mant treatth Offerer for sevential the n for Xylella fastidiosa offers many of the requirements for this threat, the thealth Centre is working with the Chief plant Health Officer for Scotland of the stakeholders to strongethen the plant ensemble for constant, for constant the strongether to strongether the stakeholders to strongether It Health Centre is working with the Chief Plant Health Officer for Scotland other stakeholders to strengthen the plan specifically for Scotland scotland three projects have been commissioned by the Centre. building on work

ther stakeholders to strengthen the plan specifically for Scotland. As a three projects have been commissioned by the Centre, building on work as a during holow:

k mapping of the likelihood and impact of Xylella fastidiosa outbreaks

modelling to investigate the effectiveness of national surveillance

authcentre.scot/projects

modeling to investigate the electiveness of national surveilland ring aimed at detecting a Xylella fastidiosa outbreak in Scotland. ing the presence of potential insect vectors of Xylella fastidiosa in

vector for Aydella fastidiosa. Credit - http:

## Web site and Twitter

• Projects are featured on our web site,

**Twitter and Newsletters** 



Projects

planthealthcentre.scot

#### **Plant Health Centre**

Improving Scotland's resilience in the face of threats to the UK arable crops, trees, horticulture and wild plants.

READ MORE







For Chief Plant Health Officer for Scotland See: <u>www.sasa.gov.uk/content/cphos</u> Follow: @plantchiefscot

For the Plant Health Centre See: <u>www.planthealthcentre.scot</u> Contact: info@planthealthcentre.scot Follow: @PlantHealthScot