

Department for Environment, Food and Rural Affairs (Defra)



Department
for Environment
Food & Rural Affairs



Animal and Plant Health Agency (APHA) Plant Quarantine Service Andrew Gaunt



Animal &
Plant Health
Agency

Importance of sourcing

Origin of plants

- Where does it originate from (Not just supplied from)
- Italy to Netherlands to the UK and then on to you ?
- What pests and diseases are where in the world?

Suppliers

- Clean, well-managed site with a good reputation (visit site)
- Plant Passport registered
- Plant Health Management Standard accredited (To be covered later)



Asian Longhorn Beetle



Phytophthora ramorum in Birch

Importance of sourcing

Size

- The larger it is more likely to carry something (Longer exposure/ harder to inspect)
- Larger ones often root balled (Soil is a risk)
- Harder to inspect at point of import

Timing

- Autumn / winter no leaves harder to see virus and bacteria

Better to have more lead in period



Importance of sourcing

Type

- Some genera more at risk than others
Prunus = Carpinus
- Some species more at risk than others
Prunus laurocerasus = lucitanica

Order the right genera for Place

- Quercus: OPM/ Public area
- Weak trees more susceptible
Soil type/ Drought/ Wet/ soil depth



Traceability to site

Importing Direct

- Phytosanitary certificate
- CHEDD Entry number (IPAFFS)
- Delivery Note /Release Note
- CMR lorry ticket

From a Nursery/ supplier

- Plant Passport
- Delivery note
- Is it a mixed supply, if so, is stock denoted

Records kept

- Paper / Computer notes/ photos

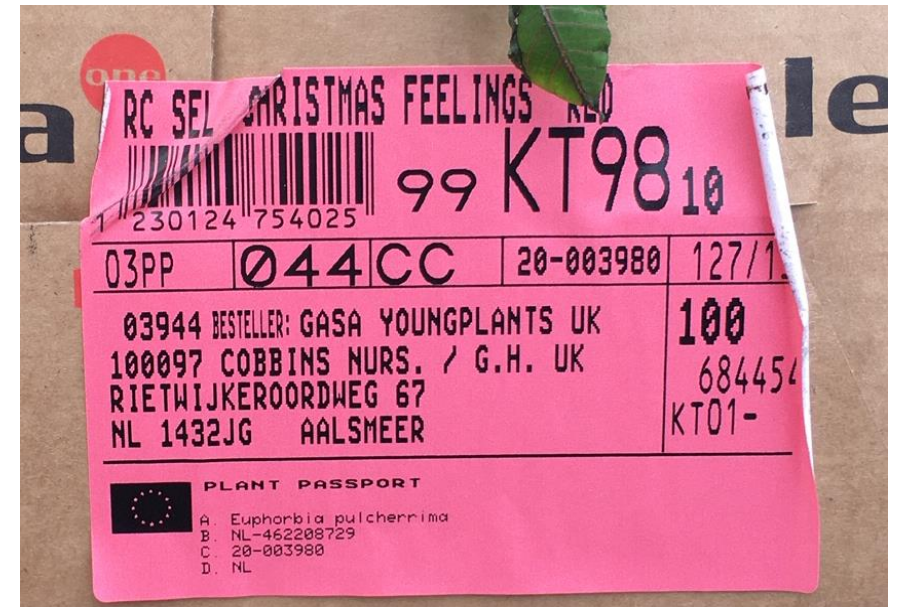
UK PLANT PASSPORT

A Malus domestica

B 12087

C Week 4

D NL



Traceability on site

Are labels kept on stock?

- Know what it is and where it came from

Stocks kept separately

- Know what is where and who supplied it
- Prevent cross contamination

Own barcoding ?

- To know supplier
- What goes where for onward movement

Don't break the chain



Traceability off site

Records

- What was planted where if there is an issue
- So don't have to re-call or destroy all stocks from all suppliers
- Follow up Plant Health Inspections for imported stock

Monitoring and Maintenance

- How did that suppliers stock perform
- Any issues / Pest and diseases (Not just QPDs)
- Has has the post posting maintenance / Monitoring being done



Other risks to the wider area

Allotments

- Using food product for planting /want the exotic bring back seeds from on holiday
- Uncontrolled composting

Close to the coast

- Flying in risk Asian Hornet/ Blue tongue Midge / Ips beetle

Climate change

- New pests and diseases : The unknowns
- More over-wintering and more generations

Waste Disposal

- Is diseased material treated differently to healthy material

Merchants

- Builders merchants / Timber processors



Other risks to the site area

Parks and Gardens Volunteers

- Coming on to site using their own kit and equipment without cleaning before and after
- Bringing own plants and seeds to grow on sites

Rentals

- Renting out space or buildings to similar industry not following your plan
- Landscapers/ tree surgeons operating on sites without clean down

Machinery use

- How many sites does it go on? Nematodes/ sport turf
- How often cleaned? Mowers/ airators



Root Knot Nematode (*Meloidogyne fallax*)

Biosecurity

Where delivery to

- Direct to site
- Lorries travel through the site to drop off at the far end
- Put next to waste / path of run off ?

Quarantine period

- If possible, isolate for a period 'Quaranta'

Hygiene

- Clean kit and equipment from site to site

Infrastructure

- Reduce risk by design both base and planting site



Biosecurity

Culture/ Maintenance

- Remove dead and diseased material from site

Waste: Water/ Plant Material

- Where does the drain water go?
- How is waste dealt with Dumped / Composted/ burnt / chipped and re-used...infected?



Monitoring and Training

- Keep up to date : New pests
- Train staff : What to look for
- What to do if find something



Biosecurity Policy for the site:

To be covered later in these sessions



Xylella fastidiosa



Phytophthora ramorum



Cryphonectria parasitica



Pseudomonas syringae



Ips typographus

Prevention better than cure

Thank you

