



Department
for Environment
Food & Rural Affairs



Llywodraeth Cymru
Welsh Government



Department of
Agriculture, Environment
and Rural Affairs
www.daera-ni.gov.uk



The Scottish
Government
Riaghaltas na h-Alba

Pest Alert: *Hop stunt* *viroid (HSVd)*

- Pest of hops but can also cause a range of diseases on cucumber, citrus top fruit, grapevine and stone fruits. Present in parts of Europe and elsewhere.
- HSVd can cause a range of symptoms including stunting, yellowing (chlorosis), loss of vigour (leading to death of the vine) and reduction in flower cone metabolite quality (alpha acids), which leads to serious economic losses.
- The pest is spread mechanically e.g. through pruning.
- Plant Health Phytosanitary certification can help in maintaining disease freedom of hop planting material.



Fig. 1. Hop plants infected with HSVd exhibiting stunted growth and yellowing. Picture by kind permission of Dr Ken Eastwell



Fig. 2. HSVd infection exhibiting veinal yellowing (chlorosis). Picture by kind permission of Dr David Gent

If you see any signs of infection with HSVd, please inform the relevant authority (see over for details).

For England and Wales, contact your local APHA Plant Health and Seeds Inspector, or the PHSI headquarters, in York:

Tel: 01904 405138

Email: planthealth.info@apha.gsi.gov.uk

Web: <https://www.gov.uk/plant-health-controls>

For Scotland, contact the Scottish Government's Horticulture and Marketing Unit:

Tel: 0131 244 8935

Email: hort.marketing@gov.scot

Web: <http://www.gov.scot/PlantHealth/PlantDiseases>

For Northern Ireland, contact the DAERA Plant Health Inspection Branch:

Tel: 0300 200 7847

Email: planthealth@daera-ni.gov.uk

Web: www.daera-ni.gov.uk