

UK pest status report for '*Candidatus Phytoplasma aurantifolia*'

Field	Detail
Pest species name	' <i>Candidatus Phytoplasma aurantifolia</i> ' Zreik, Bové & Garnier
Pest taxon (order, family)	Acholeplasmatales, Acholeplasmataceae
Synonyms	Lime witches' broom phytoplasma <i>Phytoplasma aurantifolia</i> Zreik, Bové & Garnier
Pest common name	Oman witches' broom disease WBDL Witches' broom of lime
Regulatory status	Great Britain: Regulated quarantine pest Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: Pest not recorded
Global distribution	<u>Asia</u> : United Arab Emirates, Oman, Iran
Main hosts	<i>Citrus aurantiifolia</i> , <i>Citrus limetta</i> , <i>Citrus limettioides</i> , <i>Dendrocalamus strictus</i> , <i>Solanum lycopersicum</i> , <i>Malus domestica</i> , <i>Medicago sativa</i> , <i>Phaseolus mungo</i> , <i>Fallopia japonica</i> , <i>Prunus avium</i> ssp./var. <i>avium</i> , <i>Prunus cerasus</i> , <i>Solanum tuberosum</i> , <i>Stachytarpheta jamaicensis</i> , <i>Tephrosia purpurea</i>
Likelihood for establishment in UK	Likely. Previously thought to be predominantly a pest of <i>Citrus</i> , but the host range has expanded.
Website(s)	https://gd.eppo.int/taxon/PHYPAF/hosts https://gd.eppo.int/taxon/PHYPAF/documents (Data sheet on Lime witches' broom phytoplasma) https://www.cabi.org/isc/datasheet/54518

References:

Reeder, R., Kelly, P. L. and Arocha, Y. 2010. First identification of 'Candidatus *Phytoplasma aurantifolia*' infecting *Fallopia japonica* in the United Kingdom. *Plant Pathology*. 59 (2), p. 396. <https://doi.org/10.1111/j.1365-3059.2009.02168.x>

¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area: <https://www.fao.org/3/x2968e/x2968e.pdf>