

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

Field	Detail
<b>Pest species name</b>	' <i>Candidatus Phytoplasma aurantifolia</i> ' Zreik, Bové & Garnier
<b>Pest taxon (order, family)</b>	Acholeplasmatales, Acholeplasmataceae
<b>Synonyms</b>	Lime witches' broom phytoplasma <i>Phytoplasma aurantifolia</i> Zreik, Bové & Garnier
<b>Pest common name</b>	Oman witches' broom disease WBDL Witches' broom of lime
<b>Regulatory status</b>	Great Britain: Regulated quarantine pest Northern Ireland: Regulated quarantine pest
<b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b>	Absent: Pest not recorded  There is a reference (Reeder et al., 2010) which reports a finding of <i>Ca. Phytoplasma aurantifolia</i> in <i>Fallopia japonica</i> in the UK. The match shows related strains to Lime witches' broom phytoplasma, but not a match for this phytoplasma.
<b>Global distribution</b>	<u>Asia</u> : United Arab Emirates, Oman, Iran  <u>South America</u> : Brazil
<b>Main hosts</b>	<i>Citrus aurantiifolia</i> , <i>Citrus limetta</i> , <i>Citrus limettioides</i> , <i>Citrus jambhiri</i> , <i>Citrus paradisi</i> , <i>Citrus medici</i> , <i>Poncirus trifoliata</i>
<b>Likelihood for establishment in UK</b>	Unlikely.  Predominantly a pest of Citrus, which is not grown in the UK.
<b>Website(s)</b>	<a href="https://gd.eppo.int/taxon/PHYPAF/hosts">https://gd.eppo.int/taxon/PHYPAF/hosts</a>  <a href="https://gd.eppo.int/taxon/PHYPAF/documents">https://gd.eppo.int/taxon/PHYPAF/documents</a> (Data sheet on Lime witches' broom phytoplasma)

<https://www.cabi.org/isc/datasheet/54518>

<https://www.efsa.europa.eu/en/efsajournal/pub/5027>

## 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>

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