

## UK pest status report for '*Candidatus Liberibacter africanus*'

Field	Detail
<b>Pest species name</b>	' <i>Candidatus Liberibacter africanus</i> ' Garnier et al., 2000 <sup>1</sup>
<b>Pest taxon (order, family)</b>	Rhizobiales, Phyllobacteriaceae
<b>Synonyms</b>	<i>Liberibacter africanum</i> <i>Liberobacter africanus</i> <i>Liberobacter africanum</i>
<b>Pest common name</b>	Greening of citrus Citrus greening huanglongbing
<b>Regulatory status</b>	Great Britain: Not regulated  Northern Ireland: Regulated quarantine pest
<b>Pest status in UK (as per ISPM 8<sup>2</sup>)</b>	Absent: pest not recorded
<b>Global distribution</b>	<u>Africa</u> : Angola, Burundi, Cameroon, Central African Republic, Eswatini, Ethiopia, Kenya, Madagascar, Malawi, Mauritius, Nigeria, Rwanda, Saint Helena, Somalia, South Africa, Tanzania, Uganda, Zimbabwe  <u>Asia</u> : Saudi Arabia, Yemen
<b>Main hosts</b>	The major hosts are <i>Citrus reticulata</i> , <i>Citrus sinensis</i> , and <i>Citrus x tangelo</i> . Other hosts are <i>Calodendrum capense</i> , <i>Citroncirus</i> , <i>Citrus aurantiifolia</i> , <i>Citrus aurantium</i> , <i>Citrus jambhiri</i> , <i>Citrus limettioides</i> , <i>Citrus limon</i> , <i>Citrus maxima</i> , <i>Citrus medica</i> , <i>Citrus nobilis</i> , <i>Citrus paradise</i> , <i>Citrus trifoliata</i> , <i>Citrus x limonia</i> , <i>Clausena anisate</i> , <i>Fortunella</i> , <i>Vepris gerrardii</i> , <i>Vepris lanceolate</i> , x <i>Citrofortunella microcarpa</i> , <i>Zanthoxylum</i> sp.
<b>Likelihood for establishment in UK</b>	Host not widely grown in the UK, considered to be of little or no phytosanitary risk.

<b>Website(s)</b>	<a href="https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=11853&amp;riskId=27724">https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=11853&amp;riskId=27724</a>  <a href="https://gd.eppo.int/taxon/LIBEAF/hosts">https://gd.eppo.int/taxon/LIBEAF/hosts</a>  <a href="https://www.cabi.org/cpc/datasheet/16564">https://www.cabi.org/cpc/datasheet/16564</a>
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## References

Garnier M, Jagoueix-Eveillard S, Cronje P, Le Roux H & Bové\_JM (2000) Genomic characterization of a liberibacter present in an ornamental Rutaceous tree, *Calodendrum capense*, in the Western Cape province of South Africa. Proposal for '*Candidatus Liberibacter africanus subs. capensis*'. *International Journal of Systematic and Evolutionary Microbiology* 50, 2119-2125.

Jagoueix, S, Bove, J-M, Garnier, M (1994) The phloem-limited bacterium of greening disease of *Citrus* is a member of the  $\alpha$  subdivision of the Proteobacteria. *International Journal of Systemic and Evolutionary Microbiology*, Vol 44 (3).  
<https://www.microbiologyresearch.org/content/journal/ijsem/10.1099/00207713-44-3-379>

<sup>1</sup> As there is no Type strain - the bacterium is currently unculturable – there is no authority; Garnier *et al.* 2000 (see ref) were the first to use the epithet.

<sup>2</sup> International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area: <https://www.fao.org/3/x2968e/x2968e.pdf>