

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

Field	Detail
<b>Pest species name</b>	' <i>Candidatus Phytoplasma australiense</i> '
<b>Pest taxon (order, family)</b>	<i>Acholeplasmatales, Acholeplasmataceae</i>
<b>Synonyms</b>	Australian grapevine yellows phytoplasma, Phytoplasma australiense Davis, Gillaspie, Vidaver, & Harris, Strawberry lethal yellows phytoplasma, Australian grapevine yellows phytoplasma, Australian lucerne yellows phytoplasma, Coprosma lethal decline phytoplasma, Cordyline sudden decline phytoplasma, cottonbush reduced yellow leaves phytoplasma, cottonbush witches' broom phytoplasma, Liquidambar yellows phytoplasma, papaya dieback phytoplasma, periwinkle phyllody phytoplasma, Phormium yellow leaf phytoplasma, pumpkin yellow leaf curl phytoplasma, strawberry green petal phytoplasma, strawberry lethal yellows phytoplasma, AGY, AluY, CBRYL, CBWB, CLD, CSD, LaY, PDB, PYL, PYLC, SLY
<b>Pest common name</b>	AUSGY, Australian grapevine yellows, Australian lucerne yellows, Australian yellows of grapevine
<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.

<b>Global distribution</b>	<p><b>Asia:</b> Israel</p> <p><b>Oceania:</b> Australia, New Caledonia, New Zealand</p>
<b>Main hosts</b>	<p><i>Carica papaya</i>, <i>Fragaria x ananassa</i>, <i>Vitis vinifera</i>, <i>Coprosma macrocarpa</i>, <i>Coprosma robusta</i>, <i>Cordyline australis</i>, <i>Cordyline banksii</i>, <i>Phormium cookianum</i>, <i>Phormium tenax</i>, (reported in <i>Solanum tuberosum</i> but <u>not a main host</u>)</p>
<b>Likelihood for establishment in UK</b>	<p>Leafhopper vectored. Limited to the phloem tissue of infected plants, naturally spread by phloem feeding insects.</p> <p>Could be introduced into new areas by importing infected vegetative propagating material.</p> <p>Phytoplasma very likely to establish based on hosts and climate and could be damaging to grapevine and strawberry production, in particular, if introduced to the UK.</p>
<b>Website(s)</b>	<p><a href="https://gd.eppo.int/taxon/PHYPAU">https://gd.eppo.int/taxon/PHYPAU</a></p> <p><a href="https://gd.eppo.int/taxon/PHYPAU/documents">https://gd.eppo.int/taxon/PHYPAU/documents</a></p> <p><a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompndium.39956">https://www.cabidigitallibrary.org/doi/10.1079/cabicompndium.39956</a></p> <p><a href="https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=23004">https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=23004</a></p>

## References

- <sup>1</sup> [International Standard for Phytosanitary Measures \(ISPM\) 8 Determination of pest status in an area](#)