

UK pest status report for *Fusarium euwallaceae*

Field	Detail
Pest species name	<i>Neocosmospora euwallaceae</i> (S. Freeman, Z. Mendel, T. Aoki & O'Donnell) Sand.-Den., L. Lombard & Crous
Pest taxon (order, family)	Hypocreales, Nectriaceae
Synonyms	<i>Fusarium euwallaceae</i> S. Freeman, Z. Mendel, T. Aoki & O'Donnell
Pest common name	None
Regulatory status	Great Britain: Provisional quarantine pest Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: Pest not recorded
Global distribution	<p>Africa</p> <p>South Africa (Present, restricted distribution)</p> <p>America</p> <p>Mexico and USA (Present, restricted distribution)</p> <p>Asia</p> <p>Israel (Present, restricted distribution)</p>
Main hosts	<p>Main hosts are <i>Acer negundo</i> and <i>Persea americana</i> (avocado).</p> <p>Also pathogenic on other <i>Acer</i> spp., <i>Ailanthus</i>, <i>Albizia</i>, <i>Alectryon</i>, <i>Alnus</i>, <i>Castanospermum</i>, <i>Corymbia</i>, <i>Erythrina</i>, <i>Ilex</i>, <i>Liquidambar</i>, <i>Macadamia</i>, <i>Malus</i>, <i>Parkinsonia</i>, <i>Platanus</i>, <i>Populus</i>, <i>Prosopis</i>, <i>Prunus</i>, <i>Quercus</i>, <i>Ricinus</i>, <i>Salix</i>, <i>Wisteria</i></p>

Likelihood for establishment in UK	Suitable hosts are widely grown as the host range is so wide. The climate suitability is more uncertain and it is possible that plants under protected cultivation, e.g. large botanical glasshouses, may be most at risk
Website(s)	<p>BMS (The British Mycological Society) (2009). Fungal Records Database of Britain and Ireland (FRDBI). [Accessed on 12/12/2022]. http://www.frdbi.info/?q=fungi/recommended%20names</p> <p>EPPO (2021). Report of a Pest Risk Analysis for <i>Euwallacea fornicatus</i> sensu lato and <i>Fusarium euwallaceae</i>. https://gd.eppo.int/taxon/FUSAEW/documents</p> <p>EPPO (2022) EPPO Global Database [Accessed on 12/12/2022]. https://gd.eppo.int/taxon/FUSAEW</p> <p>Species Fungorum [Accessed on 12/12/2022]. http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=803293</p>

¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area