

## UK pest status report for *Rhizoctonia solani*

Field	Detail
<b>Pest species name</b>	<i>Rhizoctonia solani</i> J.G. Kühn
<b>Pest taxon (order, family)</b>	Cantharellales, Ceratobasidiaceae.
<b>Synonyms</b>	Numerous, including:  <i>Botryobasidium solani</i> (Prill. & Delacr.) Donk <i>Ceratobasidium filamentosum</i> (Pat.) L.S. Olive <i>Ceratobasidium solani</i> (Prill. & Delacr.) Pilát <i>Corticium areolatum</i> Stahel <i>Corticium praticola</i> Kotila <i>Corticium solani</i> (Prill. & Delacr.) Bourdot & Galzin <i>Hypochnus cucumeris</i> A.B. Frank <i>Hypochnus filamentosus</i> Pat. <i>Hypochnus solani</i> Prill. & Delacr. <i>Pellicularia filamentosa</i> (Pat.) D.P. Rogers <i>Rhizoctonia aderholdii</i> (Ruhland) Marchion. <i>Rhizoctonia macrosclerotia</i> Matz <i>Thanatephorus cucumeris</i> (A.B. Frank) Donk <i>Thanatephorus praticola</i> (Kotila) Flentje
<b>Pest common name</b>	Numerous, including: black scurf of potato, collar rot, damping-off of seedlings, web blight.
<b>Regulatory status</b>	Great Britain: Regulated non quarantine pest  Northern Ireland: Regulated non quarantine pest
<b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b>	Present, widespread  Pest under official control on seed potatoes ( <i>Solanum tuberosum</i> L.)
<b>Global distribution</b>	Extremely widespread and occurs throughout the world.
<b>Main hosts</b>	Very wide host range. Main hosts:  <i>Acacia nilotica</i> (gum arabic tree) <i>Albizia lebbek</i> (Indian siris) <i>Arachis hypogaea</i> (groundnut) <i>Azadirachta indica</i> (neem tree)

	<p> <i>Beta vulgaris</i> var. <i>saccharifera</i> (sugarbeet)  Brassicaceae (cruciferous crops)  <i>Capsicum annuum</i> (bell pepper)  Chenopodiaceae  <i>Citrus</i>  <i>Corchorus olitorius</i> (jute)  <i>Cucumis sativus</i> (cucumber)  Cucurbitaceae (cucurbits)  <i>Daucus carota</i> (carrot)  <i>Elaeis guineensis</i> (African oil palm)  <i>Euphorbia pulcherrima</i> (poinsettia)  Fabaceae (leguminous plants)  <i>Glycine max</i> (soyabean)  <i>Gossypium</i> (cotton)  <i>Hordeum vulgare</i> (barley)  <i>Lactuca sativa</i> (lettuce)  <i>Lupinus</i> (lupins)  <i>Manihot esculenta</i> (cassava)  <i>Matthiola incana</i> (stock)  <i>Medicago sativa</i> (lucerne)  <i>Ocimum basilicum</i> (basil)  <i>Oryza sativa</i> (rice)  <i>Oxalis tuberosa</i> (oca)  <i>Phaseolus</i> (beans)  Poaceae (grasses)  Solanaceae  <i>Sorghum bicolor</i> (sorghum)  <i>Trifolium</i> (clovers)  <i>Triticum</i> (wheat)  <i>Tulipa</i> (tulip)  <i>Zea mays</i> (maize)  <i>Ziziphus mauritiana</i> (jujube) </p>
<b>Likelihood for establishment in UK</b>	<p><i>Rhizoctonia solani</i> is established and widespread in the UK</p>
<b>References</b>	<p> CABI (2023). CABI Compendium: <i>Thanatephorus cucumeris</i> [Accessed on 19/12/2023]. <a href="https://doi.org/10.1079/cabicompendium.47203">https://doi.org/10.1079/cabicompendium.47203</a>  EPPO (2023). EPPO Global Database: <i>Rhizoctonia solani</i> (RHIZSO) [Accessed on 19/12/2023]. <a href="https://gd.eppo.int/taxon/RHIZSO">https://gd.eppo.int/taxon/RHIZSO</a>  The Fungal Records Database of Britain and Ireland. [Accessed on 19/12/2023]. <a href="https://www.frdbi.org.uk/">https://www.frdbi.org.uk/</a>  Species Fungorum. [Accessed on 19/12/2023]. <a href="https://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=229666">https://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=229666</a> </p>

## References

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