

UK pest status report for *Thecaphora solani*

Field	Detail
Pest species name	<i>Thecaphora solani</i> (Thirum. & M.J. O'Brien) Mordue 1988
Pest taxon (order, family)	Urocystidales, Glomosporiaceae
Synonyms	<i>Angiosorus solani</i> Thirum. & M.J. O'Brien 1974
Pest common name	Potato smut; smut of potato; Thecaphora smut; Thecaphora smut of potato
Regulatory status	Great Britain: Regulated quarantine pest Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	Present in Bolivia, Chile (restricted distribution), Colombia, Ecuador (restricted distribution), Mexico, Panama, Peru, and Venezuela
Main hosts	<i>Solanum tuberosum</i> (potato) also recorded on other <i>Solanum</i> species and <i>Datura stramonium</i> (jimsonweed)
Likelihood for establishment in UK	Very likely. This pest occurs in regions which have a comparable climate to the UK. Additionally, the main host plants, <i>Solanum tuberosum</i> , are widely grown in the UK.
Website(s)	<ul style="list-style-type: none"> • http://www.speciesfungorum.org/Names/SynSpecies.asp?RecordID=135374 • https://gd.eppo.int/taxon/THPHSO • https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=1031 • https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.53508 • https://doi.org/10.2903/j.efsa.2018.5445

References

- Species Fungorum [Accessed on 23/11/2022].
<http://www.speciesfungorum.org/Names/Names.asp>
- EPPO (2022) EPPO Global Database (available online). <https://gd.eppo.int>
- CABI (2022) Crop Protection Compendium. Wallingford , UK: CAB International.
www.cabi.org/cpc.
- UK Plant Health Risk Register (UKPHRR) (2022). [Accessed 23/11/2022]
<https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/index.cfm>
- EFSA Panel on Plant Health (PLH), Bragard C., Dehnen-Schmutz K., Di Serio F., Gonthier P., Jacques M-A., Miret J.A.J., Justesen A.F., MacLeod A., Magnusson C.S., Milonas P., Navas-Cortes J.A., Parnell S., Potting R., Reignault P.L., Thulke H-H., Van der Werf W., Yuen J., Zappalà L., Rossi V., Vloutoglou I., Bottex B., Civera A.V. (2018) Pest categorisation of *Thecaphora solani* *EFSA journal* 16(10) e05445 <https://doi.org/10.2903/j.efsa.2018.5445>

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