

## UK pest status report for *Keiferia lycopersicella*

Field	Detail
<b>Pest species name</b>	<i>Keiferia lycopersicella</i> (Walshingham, 1897)
<b>Pest taxon (order, family)</b>	Insecta: Lepidoptera: Gelechidae
<b>Synonyms</b>	<i>Eucatoptus lycopersicella</i> Walsingham, 1897 <i>Gnorimoschema lycopersicella</i> (Busck, 1928) <i>Phthorimaea lenta</i> Meyrick, 1917 <i>Phthorimaea lycopersicella</i> Busck, 1928
<b>Pest common name</b>	Tomato pinworm
<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>	<b>North America:</b> Canada; Mexico; United States of America (Alabama; Arizona; Arkansas; California; Delaware; Florida; Georgia; Hawaii; Illinois; Maryland; Mississippi; Missouri; New Jersey; New Mexico; North Carolina; Ohio; Pennsylvania; South Carolina; Tennessee; Texas; Virginia). <b>Caribbean:</b> Bermuda; Cuba; Dominican Republic; Haiti; Jamaica; Trinidad and Tobago. <b>Central &amp; South America:</b> Bolivia; Colombia; Costa Rica; Ecuador; El Salvador; Guatemala; Guyana; Honduras; Nicaragua; Panama; Peru; Venezuela.
<b>Main hosts</b>	<b>Main host:</b> Tomato ( <i>Solanum lycopersicum</i> )  <b>Also recorded from many other species of Solanum including:</b> <i>Solanum americanum</i> ; <i>Solanum bahamense</i> ; <i>Solanum carolinense</i> ; <i>Solanum dulcamara</i> ; <i>Solanum elaeagnifolium</i> ; <i>Solanum</i>

	<i>lycopersicum</i> ; <i>Solanum lycopersicum</i> var. <i>cerasiforme</i> ; <i>Solanum melongena</i> ; <i>Solanum nigrum</i> ; <i>Solanum torvum</i> ; <i>Solanum tuberosum</i> ; <i>Solanum umbelliferum</i> ; <i>Solanum viarum</i>
<b>Likelihood for establishment in UK</b>	Very likely but only in protected cultivation i.e. under glass
<b>Website(s)</b>	<a href="http://idtools.org/id/leps/micro/factsheet.php?name=%3Cem%3EKeiferia%20lycopersicella%3C/em%3E">http://idtools.org/id/leps/micro/factsheet.php?name=%3Cem%3EKeiferia%20lycopersicella%3C/em%3E</a> <a href="https://gd.eppo.int/taxon/GNORLY">https://gd.eppo.int/taxon/GNORLY</a> <a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.25556">https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.25556</a> <a href="https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=4053">https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=4053</a>

## References

**SANGMI LEE, RONALD W. HODGES, & RICHARD L. BROWN (2009)** Checklist of Gelechiidae (Lepidoptera) in America North of Mexico. *Zootaxa* 2231: 1–39 (accessed 09/12/2022).

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