

## UK pest status report for *Aleurocanthus spiniferus*

Field	Detail
<b>Pest species name</b>	<i>Aleurocanthus spiniferus</i> (Quaintance, 1903)
<b>Pest taxon (order, family)</b>	Insecta: Hemiptera: Aleyrodidae
<b>Synonyms</b>	<i>Aleurocanthus citricolus</i> (Newstead, 1911); <i>Aleurocanthus rosae</i> Singh, 1931; <i>Aleurocanthus spiniferus</i> var. <i>intermedia</i> : Silvestri, 1927; <i>Aleurodes citricola</i> Newstead, 1911; <i>Aleurodes spinifera</i> Quaintance, 1903
<b>Pest common name</b>	Orange spiny whitefly; Citrus spiny whitefly; Citrus mealywing; spiny blackfly
<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 Two UK interceptions associated with <i>Annona</i> fruit from India and <i>Citrus</i> from Montenegro
<b>Global distribution</b>	<b>Africa:</b> Eswatini, Kenya, Mauritius, Nigeria, Réunion, South Africa, Tanzania, Uganda, Zanzibar Island <b>Asia:</b> Bangladesh, Bhutan, Brunei, Cambodia, China, Hong Kong, India, Indonesia (Java, Sumatra), Iran, Japan, Malaysia, Myanmar, Nepal, Pakistan, Philippines, South Korea, Sri Lanka, Taiwan, Thailand, Vietnam. <b>Europe:</b> Albania, Belgium, Croatia, Czechia, Greece, Italy (Sicily), Montenegro. <b>North America:</b> Puerto Rico, United States. <b>Oceania:</b> Australia, Guam, Northern Marianas Islands, Palau, Papua New Guinea
<b>Main hosts</b>	Mainly <i>Citrus</i> spp. (Rutaceae) including: <i>Citrus aurantium</i> , <i>Citrus limon</i> , <i>Citrus medica</i> , <i>Citrus reticulata</i> , <i>Citrus sinensis</i> but many other hosts recorded.
<b>Likelihood for establishment in UK</b>	Moderately likely. There is uncertainty as to whether the whitefly could complete its lifecycle in the UK, and if it could successfully overwinter

<b>Website(s)</b>	<a href="https://www.cabi.org/isc/datasheet/4136#toDistributionMaps">https://www.cabi.org/isc/datasheet/4136#toDistributionMaps</a> <a href="https://gd.eppo.int/taxon/ALECSN">https://gd.eppo.int/taxon/ALECSN</a> <a href="https://gd.eppo.int/taxon/ALECSN/hosts">https://gd.eppo.int/taxon/ALECSN/hosts</a> <a href="https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=7495">https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=7495</a> <a href="https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02019R2072-20220714">https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02019R2072-20220714</a>
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## References

Mound, L. A., & Halsey, S. H. 1978. Whitefly of the world. A systematic catalogue of the Aleyrodidae (Homoptera) with host plant and natural enemy data. 1978 [6+] 340 pp. British Museum (Natural History), London. <https://www.biodiversitylibrary.org/part/209907>

EFSA Panel on Plant Health (PLH), Claude Bragard, Katharina Dehnen-Schmutz, Francesco Di Serio, Paolo Gonthier, Marie-Agnès Jacques, Josep Anton Jaques Miret, Annemarie Fejer Justesen, Christer Sven Magnusson, Panagiotis Milonas, Juan A Navas-Cortes, Stephen Parnell, Roel Potting, Philippe Lucien Reignault, Hans-Hermann Thulke, Wopke Van der Werf, Antonio Vicent Civera, Jonathan Yuen, Lucia Zappalà, Maria Navajas Navarro, Virag Kertesz, Ewelina Czwienczek, Alan MacLeod. Pest categorisation of *Aleurocanthus* spp. <https://doi.org/10.2903/j.efsa.2018.5436>

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