

## UK pest status report for *Neoliturus (Circulifer) tenellus*

Field	Detail
<b>Pest species name</b>	<i>Neoliturus (Circulifer) tenellus</i> (Baker, 1896)
<b>Pest taxon (order, family)</b>	Insecta: Hemiptera: Cicadellidae
<b>Synonyms</b>	<i>Circulifer tenellus</i> (Baker, 1896), <i>Circulifer tenellus ambiguus</i> Young Jr. & Frazier, 1954, <i>Circulifer tenellus tenellus</i> (Baker, 1896), <i>Circulifer lygophilia</i> : Lindberg, 1954, <i>Eutettix tenellus</i> Baker, 1896, <i>Neoliturus tenellus</i> (Baker), <i>Norvellina tenellus</i> : Baker, 1896, <i>Opsius tenellus</i> (Baker, 1896), <i>Thamnotettix aegyptiacus</i> Oshanin, 1910 <i>Thamnotettix ignavus</i> Matsumura, 1908, <i>Thamnotettix indivisus</i> : Haupt, 1927, <i>Thamnotettix rubicundula</i> : Van Duzee, 1907 <i>Thamnotettix tenella</i> Baker, 1896
<b>Pest common name</b>	Beet leafhopper
<b>Regulatory status</b>	Great Britain: Regulated quarantine pest Northern Ireland: Not regulated
<b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b>	Absent: Pest not recorded No known UK interceptions
<b>Global distribution</b>	<b>Africa:</b> Algeria, Egypt, Libya, Morocco, Namibia, South Africa, Sudan, Tunisia. <b>Asia:</b> India, Iran, Israel, Kyrgyzstan, Saudi Arabia, Tajikistan, Turkey, Turkmenistan, Uzbekistan. <b>Europe:</b> France (Corsica), Greece, Italy (Sicily), Spain (Canary Islands). <b>North America:</b> Canada (British Columbia), Jamaica, Mexico, Puerto Rico, United States. <b>South America:</b> Argentina
<b>Main hosts</b>	<i>Beta vulgaris</i> but also: <i>Armoracia lapathifolia</i> , <i>Atriplex</i> , <i>Brassica</i> , <i>Capsicum</i> , <i>Citrofortunella microcarpa</i> , Cucurbitaceae, <i>Fortunella</i> , <i>Solanum lycopersicum</i> , <i>Poncirus trifoliata</i> , <i>Spinacia oleracea</i> , <i>Citrus</i> , <i>Citroncirus</i>

<b>Likelihood for establishment in UK</b>	Limited potential to establish in the UK, with some uncertainty.
<b>Website(s)</b>	<a href="https://www.cabi.org/isc/datasheet/13636">https://www.cabi.org/isc/datasheet/13636</a> <a href="https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?csref=2793">https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?csref=2793</a>

## References

Baker, C.F. (1896a) The North American species of *Gnathodus*. The Canadian Entomologist 28, 35–42. <https://www.catalogueoflife.org/data/taxon/8RM5N>.

Wilson M. R. & Turner J. A. 2021. Insect Vectors of Plant Disease. Amgueddfa Cymru - National Museum Wales. Baker 1896a: 24: *Circulifer tenellus*. Available online at <http://insectvectors.science/vector/1817>. [ Accessed: 08/11/2022].

<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>