

UK pest status report for *Bactericera cockerelli*

| Field | Detail |
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| Pest species name | <i>Bactericera cockerelli</i> (Šulc, 1909) |
| Pest taxon (order, family) | Insecta: Hemiptera: Trozidae |
| Synonyms | Trioza cockerelli Šulc, 1909 Paratrioza cockerelli (Šulc, 1909) |
| Pest common name | Tomato/potato psyllid |
| 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 | <u>North America</u> : Canada, USA, Mexico <u>Central America</u> : El Salvador, Guatemala, Honduras, Nicaragua <u>South America</u> : Ecuador <u>Oceania</u> : Australia, New Zealand, Norfolk Island |
| Main hosts | Will feed and breed on the following hosts: Family Solonaceae: Potato (<i>Solanum tuberosum</i>), tomato (<i>Solanum lycopersicon</i>), pepper (<i>Capsicum annuum</i>), aubergine (<i>Solanum melongena</i>) and tobacco (<i>Nicotiana tabacum</i>): Family Convolvulaceae: sweet potato (<i>Ipomoea batatas</i>) Non-crop hosts: Family Solonaceae: nightshades (<i>Solanum</i> spp.), groundcherry (<i>Physalis</i> spp.) and matrimony vine, wolfberries, goji berries (<i>Lycium</i> spp.): Family Convolvulaceae: field bindweed (<i>Convolvulus arvensis</i>) |

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| Likelihood for establishment in UK | Moderately likely, should the pest be introduced it is possible but unlikely to establish and survive year-round outdoors in GB, however the probability of establishment under protected cultivation is assessed as high (EPPO PRA). |
| Website(s) | CABI Data sheet: https://www.cabi.org/isc/datasheet/45643 EPPO PRA: file:///C:/Users/jstarzew/AppData/Local/Temp/pr_a_full_PARZCO.pdf |

References

Hodkinson, I.D. & White, I.M. (1982). Homoptera: Psylloidea. Handbooks for the identification of British Insects, vol. II, part 5 (a). Royal Entomological Society of London, London, 98 pp.

<https://nzacfactsheets.landcareresearch.co.nz/factsheet/InterestingInsects/Tomato-potato-psyllid---Bactericera-cockerelli.html>

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