

UK pest status report for *Bactrocera carambolae*

Field	Detail
Pest species name	<i>Bactrocera carambolae</i> Drew & Hancock, 1994
Pest taxon (order, family)	Insecta: Diptera: Tephritidae: Dacinae
Synonyms	
Pest common name	Carambola fruit fly
Regulatory status	Great Britain: Not regulated Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	Asia: Bangladesh, Brunei Darussalam, Cambodia, East Timor, India, Indonesia, Malaysia, Singapore, Thailand, Vietnam South America: Brazil, French Guiana, Suriname
Main hosts	Major hosts: <i>Averrhoa carambola</i> (starfruit), <i>Citrus aurantium</i> (bitter orange), <i>Psidium guajava</i> (guava), <i>Psidium guineense</i> (Brazilian guava), <i>Syzygium samarangense</i> (Java apple) Other main hosts: <i>Annona muricata</i> (soursop), <i>Artocarpus integer</i> (chempedak), <i>Carica papaya</i> (pawpaw), <i>Citrofortunella mitis</i> , <i>Citrus aurantifolia</i> (lime), <i>Citrus limon</i> (lemon), <i>Fortunella margarita</i> (oval kumquat), <i>Garcinia mangostana</i> (mangosteen), <i>Mimusops elengi</i> (spanish cherry), <i>Persea americana</i> (avocado), <i>Pouteria campechiana</i> (canistel), <i>Psidium cattleianum</i> (strawberry guava), <i>Punica granatum</i> (pomegranate), <i>Rhizophora</i> spp. (mangrove), <i>Rollinia pulchrinervis</i> , <i>Syzygium aqueum</i> (watery rose-apple), <i>Syzygium jambos</i> (rose apple), <i>Thevetia peruviana</i> (yellow oleander)

Likelihood for establishment in UK	Tropical fruit fly unlikely to establish in UK.
Website(s)	https://gd.eppo.int/taxon/BCTRCB https://www.fruitflyidentification.org.au/species/bactrocera-carambolae/ https://www.cabigitallibrary.org/doi/10.1079/cabicompendum.8700

References

Drew, R.A.I. & Romig, M.C. 2013. *Tropical fruit flies (Tephritidae: Dacinae) of South-East Asia: Indomalaya to North-West Australia*. CAB International, Wallingford

White IM, Elson-Harris MM. 1994. *Fruit flies of economic significance: Their identification and bionomics*. CAB International. Oxon, UK. 601 pp.

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