

## UK pest status report for *Anastrepha suspensa*

Field	Detail
<b>Pest species name</b>	<i>Anastrepha suspensa</i> (Loew, 1862)
<b>Pest taxon (order, family)</b>	Insecta: Diptera: Tephritidae: Trypetinae
<b>Synonyms</b>	<p><i>Acrotoxa suspensa</i>: Loew, 1862</p> <p><i>Anastrepha longimacula</i>: Greene, 1934</p> <p><i>Anastrepha unipuncta</i>: Seín, 1933</p> <p><i>Trypeta suspensa</i>: (Loew, 1862)</p>
<b>Pest common name</b>	Caribbean fruit fly
<b>Regulatory status</b>	<p>Great Britain: Not regulated</p> <p>Northern Ireland: Regulated quarantine pest</p>
<b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b>	Absent: pest not recorded
<b>Global distribution</b>	<p><b>Central America:</b> Bahamas, Cayman Islands, Cuba, Dominican Republic, Haiti, Jamaica, Puerto Rico, Virgin Islands (British)</p> <p><b>North America:</b> United States (Florida)</p>
<b>Main hosts</b>	<p>Major hosts: <i>Eriobotrya japonica</i> (loquat), <i>Eugenia uniflora</i> (Surinam cherry), <i>Psidium cattleianum</i> (strawberry guava), <i>Psidium guajava</i> (guava), <i>Syzygium jambos</i> (rose apple), <i>Syzygium malaccense</i> (Malay apple), <i>Syzygium samarangense</i> (Java apple)</p> <p>Other hosts: <i>Annona reticulata</i> (custard apple), <i>Annona squamosa</i> (sweetsop), <i>Atalantia buxifolia</i> (Chinese box orange), <i>Atalantia citroides</i>, <i>Averrhoa carambola</i> (carambola), <i>Capsicum annuum</i> (pepper), <i>Capsicum frutescens</i> (chilli), <i>Carica papaya</i> (papaya),</p>

	<p><i>Carissa macrocarpa</i> (Natal plum), <i>Casearia hirsuta</i>, <i>Casimiroa edulis</i> (white sapote), <i>Chrysobalanus icaco</i> (coco plum), <i>Chrysophyllum cainito</i> (star apple), <i>Chrysophyllum oliviforme</i>, Citrus spp. (various), <i>Coccoloba uvifera</i> (sea grape), <i>Dimocarpus longan</i>, <i>Diospyros</i> spp., <i>Eugenia</i> spp. (various), <i>Ficus carica</i> (fig), <i>Flacourtia indica</i>, <i>Fortunella crassifolia</i> (large round kumquat), <i>Garcinia</i> spp (various), <i>Malpighia emarginata</i> (west Indian cherry), <i>Malus domestica</i> (apple), <i>Manilkara zapota</i> (sapodilla), <i>Momordica balsamina</i> (African cucumber), <i>Muntingia calabura</i>, <i>Murraya paniculata</i>, <i>Myrcianthes</i> spp. (various), <i>Persea americana</i> (avocado), <i>Phoenix dactylifera</i> (date palm), <i>Pimenta dioica</i> (pimento), <i>Pouteria campechiana</i>, <i>Prunus persica</i> (peach), <i>Pseudanmomis umbellulifera</i>, <i>Psidium</i> spp. various, <i>Punica granatum</i> (pomegranate), <i>Pyrus communis</i> (pear), <i>Rubus idaeus</i> (raspberry), <i>Solanum lycopersicum</i> (tomato), <i>Spondias dulcis</i> (golden apple), <i>Spondias mombin</i> (yellow mombin), <i>Swietenia mahagoni</i> (Cuban mahogany), <i>Syzygium cumini</i> (Java plum), <i>Terminalia catappa</i> (tropical almond), x <i>Citrofortunella</i> spp.</p>
<b>Likelihood for establishment in UK</b>	Tropical fruit fly unlikely to establish in UK
<b>Website(s)</b>	<p><a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.5668">https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.5668</a></p> <p><a href="https://gd.eppo.int/taxon/ANSTSU">https://gd.eppo.int/taxon/ANSTSU</a></p> <p><a href="https://entnemdept.ufl.edu/creatures/fruit/tropical/caribbean_fruit_fly.htm">https://entnemdept.ufl.edu/creatures/fruit/tropical/caribbean_fruit_fly.htm</a></p>

## References

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

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