

UK pest status report for *Anastrepha ludens*

Field	Detail
Pest species name	<i>Anastrepha ludens</i> (Loew, 1873)
Pest taxon (order, family)	Insecta: Diptera: Tephritidae: Trypetinae
Synonyms	<i>Anastrepha lathana</i> : Stone, 1942 <i>Trypeta ludens</i> : Loew, 1873 <i>Acrotoxa ludens</i> : Loew, 1873
Pest common name	Mexican 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	Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama North America: Mexico, United States
Main hosts	Major hosts: <i>Citrus</i> spp., <i>Mangifera indica</i> (mango), <i>Prunus persica</i> (peach), Other hosts: <i>Anacardium occidentale</i> (cashew), <i>Annona cherimola</i> (cherimola), <i>Annona reticulata</i> (custard apple), <i>Casimiroa edulis</i> (white sapote), <i>Coffea arabica</i> (arabica coffee), <i>Cydonia oblonga</i> (quince) <i>Diospyros kaki</i> (Japanese persimmon), <i>Malus domestica</i> (apple), <i>Malus pumila</i> (paradise apple), <i>Passiflora edulis</i> (passionfruit), <i>Persea americana</i> (avocado), <i>Pouteria sapota</i> (sapote), <i>Psidium guajava</i> (guava), <i>Mammea americana</i> (mammy-apple), <i>Punica granatum</i> (pomegranate), <i>Pyrus communis</i> (pear), <i>Spondias purpurea</i> (mombin), <i>Syzygium jambos</i> (rose-apple)

Likelihood for establishment in UK	Tropical fruit fly unlikely to establish in UK
Website(s)	https://gd.eppo.int/taxon/ANSTLU https://entnemdept.ufl.edu/creatures/fruit/tropical/mexican_fruit_fly.htm https://www.cabidigitallibrary.org/doi/10.1079/cabicompndium.5654 https://www.fruitflyidentification.org.au/species/anastrepha-ludens/

References

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>