

UK pest status report for *Anastrepha serpentina*

Field	Detail
Pest species name	<i>Anastrepha serpentina</i> (Wiedemann, 1830)
Pest taxon (order, family)	Insecta: Diptera: Tephritidae: Trypetinae
Synonyms	<p><i>Acrotoxa serpentinus</i>: (Wiedemann, 1830)</p> <p><i>Dacus serpentinus</i>: Wiedemann, 1830</p> <p><i>Leptoxys serpentina</i>: (Wiedemann, 1830)</p> <p><i>Trypeta serpentina</i>: (Wiedemann, 1830)</p> <p><i>Urophora vittithorax</i>: Macquart, 1851</p>
Pest common name	Sapote fruit fly
Regulatory status	<p>Great Britain: Not regulated</p> <p>Northern Ireland: Regulated quarantine pest</p>
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	<p>Central America: Belize, Costa Rica, Dominica, Guatemala, Honduras, Netherlands Antilles, Panama, Trinidad and Tobago</p> <p>North America: Mexico, United States</p> <p>South America: Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela</p>
Main hosts	<p>Major hosts: <i>Chrysophyllum cainito</i> (star-apple), <i>Citrus</i> spp., <i>Manilkara zapota</i> (sapodilla), <i>Pouteria sapota</i> (sapota)</p> <p>Other hosts: <i>Chrysophyllum cainito</i> (star-apple), <i>Diospyros digyna</i> (black sapote), <i>Malus domestica</i> (apple), <i>Mangifera indica</i> (mango), <i>Persea</i></p>

	<i>americana</i> (avocado), <i>Prunus persica</i> (peach), <i>Psidium guajava</i> (guava), <i>Pyrus communis</i> (pear) <i>Spondias mombin</i> (golden apple)
Likelihood for establishment in UK	Tropical fruit fly unlikely to establish in UK
Website(s)	https://gd.eppo.int/taxon/ANSTSE https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.5665

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>