

UK pest status report for *Ceratitis quinaria*

Field	Detail
Pest species name	<i>Ceratitis quinaria</i> (Bezzi, 1918)
Pest taxon (order, family)	Insecta: Diptera: Tephritidae: Dacinae
Synonyms	<i>Pardalaspis quinarian</i> : Bezzi, 1918
Pest common name	Five-spotted 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	Africa: Angola, Benin, Botswana, Burkina Faso, Cameroon, Cote d'Ivoire, Ethiopia, Malawi, Mali, Mozambique, Namibia, Senegal, South Africa, Sudan, Tanzania, Zimbabwe Asia: Yemen
Main hosts	Major host: <i>Mangifera indica</i> (mango) Other cultivated hosts: <i>Anacardium occidentale</i> (cashew), species), <i>Opuntia ficus-indica</i> (indian fig prickly pear), <i>Persea americana</i> (avocado), <i>Prunus armeniaca</i> (apricot), <i>Prunus persica</i> (peach), <i>Psidium guajava</i> (guava), <i>Ximenia americana</i> var. <i>americana</i> (hog plum)
Likelihood for establishment in UK	Tropical fruit fly unlikely to establish in the UK.
Website(s)	http://projects.bebif.be/fruitfly/taxoninfo.html?id=45 https://gd.eppo.int/taxon/CERTQU

References

De Meyer, M., M. Mwatawala, R.S. Copeland & M. Virgilio. 2016. Description of new *Ceratitis* species (Diptera : Tephritidae) from Africa, or how morphological and DNA data are complementary in discovering unknown species and matching sexes. *European Journal of Taxonomy* 233: 1-23

Manrakhan, A., Grout, T., Grove, T., Daneel, J., Stephen, P.R., Weldon, C., De Meyer, M., Carstens, E. & Hattingh, V. (2020). A Survey of *Ceratitis quinaria* (Bezzi) (Diptera: Tephritidae) in Citrus Production Areas in South Africa. *African Entomology*. 28. 35-43

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>