

UK pest status report for Tomato mottle Taino virus

Field	Detail
Pest species name	Tomato mottle Taino virus
Pest taxon (order, family)	<i>Geplafuvirales, Geminiviridae</i>
Synonyms	Taino tomato mottle begomovirus, Tomato mottle Taino begomovirus, Tomato Taino mottle bigeminivirus, Tomato Taino mottle virus, TTMV.
Pest common name	N/A
Regulatory status	Great Britain: Regulated quarantine pest (as Begomoviruses) Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded.
Global distribution	Central America : Cuba
Main hosts	<i>Solanum lycopersicum</i> L.
Likelihood for establishment in UK	Low- possible/unlikely. Tomato is widely grown in the UK (commercially, under glass) however the virus is only recorded in Cuba. Virus vector: <i>Bemisia tabaci</i> (tobacco whitefly) is present in Europe but absent (pest eradicated) in UK.
Website(s)	https://ictv.global/taxonomy https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?csref=24862 https://gd.eppo.int/taxon/TOMOTV https://gd.eppo.int/taxon/TOMOTV/documents

References

Ramos, P. L., et al. "Taino tomato mottle virus, a new bipartite geminivirus from Cuba." *Plant Disease* 81.9 (1997): 1095-1095. <https://doi.org/10.1094/PDIS.1997.81.9.1095C>

Ramos PL, Guevara-González RG, Peral R, Ascencio-Ibañez JT, Polston JE, Argüello-Astorga GR, Vega-Arreguín JC, Rivera-Bustamante RF. Tomato mottle Taino virus pseudorecombines with PYMV but not with ToMoV: implications for the delimitation of cis- and trans-acting replication specificity determinants. *Arch Virol.* 2003 Sep;148(9):1697-712. doi: 10.1007/s00705-003-0136-3. PMID: 14505083.

¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area