

UK pest status report for Tomato mild mottle virus

Field	Detail
Pest species name	<i>Tomato mild mottle virus</i>
Pest taxon (order, family)	<i>Patatavirales, Potyviridae</i>
Synonyms	ToMMoV
Pest common name	n/a
Regulatory status	Great Britain: Regulated quarantine pest Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	Africa: Ethiopia, Kenya Asia: India, Iraq, Israel, Yemen
Main hosts	<i>Datura stramonium</i> L. <i>Solanum lycopersicum</i> L. <i>Nicandra physalodes</i> (L.) Gaertn./Pers. <i>Nicotiana benthamiana</i> Domin <i>Solanum nigrum</i> L. <i>Plants (general)</i>
Likelihood for establishment in UK	Highly likely under protection. There is contradictory evidence over which type of insect may vector ToMMoV, EPPO lists <i>Bemisia tabaci</i> (non-indigenous quarantine pest) and <i>Myzus persicae</i> as potential vectors.
Website(s)	https://ictv.global/taxonomy

<https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=26870>

<https://gd.eppo.int/taxon/TOMMOV>

<https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.121291>

References

Dombrowsky A, Sapkota R, Lachman O, Pearlsman M, Antignus Y (2013) A new aubergine disease caused by a whitefly-borne strain of Tomato mild mottle virus TomMMoV). *Plant Pathology* 62(4), 750-759.

Kinoga, M., Kuria, P., Miano, D., Kiambi, R., Mollov, D.S., Grinstead, S.C., Wasilwa, L. 2022. Genome characterisation of two complete coding sequences of tomato mild mottle virus from tree tomato and their distribution in Kenya. *Journal of Plant Pathology*. n/a. <https://doi.org/10.1007/s42161-022-01265-1>.

DOI: <https://doi.org/10.1007/s42161-022-01265-1>

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