

UK pest status report for Potato yellow mosaic virus

Field	Detail
Pest species name	<i>Potato yellow mosaic virus</i>
Pest taxon (order, family)	<i>Geplafuvirales, Geminiviridae</i>
Synonyms	Potato yellow mosaic begomovirus, Potato yellow mosaic Trinidad virus, PYMV
Pest common name	
Regulatory status	Great Britain: Regulated quarantine pest (Begomoviruses) Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	North America: Grenada, Dominican Republic, Guadalupe, Martinique, Puerto Rico, Trinidad and Tobago. South America: Venezuela, Colombia
Main hosts	<i>Solanum lycopersicum, Solanum tuberosum, Solanum americanum, Solanum pimpinellifolium</i>
Likelihood for establishment in UK	Likely to establish due to host range.
Website(s)	https://ictv.global/taxonomy https://gd.eppo.int/taxon/PYMV00 https://gd.eppo.int/taxon/PYMV00/documents https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.118142

<https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=22695>

<http://dx.doi.org/10.5197/j.2044-0588.2016.034.020>

<https://onlinelibrary.wiley.com/doi/10.1111/j.1744-7348.2007.00213.x>

https://pdf.usaid.gov/pdf_docs/PNACJ008

https://gd.eppo.int/doc/1031_minids_PYMV00

References

Polston J.E., Bois D., Ano G., Poliakoff N., Urbino C. (1998) Occurrence of a new strain of potato yellow mosaic geminivirus infecting tomato in the eastern Caribbean. *Plant Disease*, 82, 126.

Romay G, Chirinos DT, Geraud-Pouey F, Torres M, Bragard C, 2016. First report of *Potato yellow mosaic virus* infecting *Solanum americanum* in Venezuela. *New Disease Reports* **34**, 20. [<http://dx.doi.org/10.5197/j.2044-0588.2016.034.020>]

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