

UK pest status report for Potato virus X (non-European strains)

Field	Detail
Pest species name	<i>Potato virus X</i> (non-European strains)
Pest taxon (order, family)	<i>Tymovirales</i> , <i>Alphaflexiviridae</i>
Synonyms	Potato X potexvirus, PVX, potato mild mosaic virus, potato virus B, potato virus D, potato X potexvirus
Pest common name	Potato mild mosaic, potato mottle, tomato streak, potato interveinal mosaic, potato top necrosis
Regulatory status	Great Britain: Regulated quarantine pest (non-European strains) Northern Ireland: Regulated quarantine pest (non-EU strains)
Pest status in UK (as per ISPM 8¹)	Absent: pest not reported
Global distribution	<u>North America</u> : Greenland, USA <u>South America</u> : Argentina, Brazil, Colombia <u>Oceania</u> : Australia <u>Africa</u> : Algeria, Burundi, Egypt, Ethiopia, Rwanda, Tanzania, Tunisia, Uganda <u>Asia</u> : Bangladesh, China, India, Iran, Japan, Lebanon, Pakistan, Turkey
Main hosts	<i>Capsicum annuum</i> L. <i>Capsicum frutescens</i> L. <i>Solanum lycopersicum</i> L. <i>Solanum</i> L. <i>Solanum tuberosum</i> L.

	<i>Nicotiana tabacum</i>
Likelihood for establishment in UK	Very likely, based on hosts and climate.
Website(s)	https://gd.eppo.int/taxon/PVX000 https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=12494 https://www.cabidigitallibrary.org/doi/10.1079/cabicompendum.43759

References:

EFSA Panel on Plant Health (PLH), Bragard, C., Dehnen-Schmutz, K., Gonthier, P., Jacques, M.A., Jaques Miret, J.A., Justesen, A.F., MacLeod, A., Magnusson, C.S., Milonas, P. and Navas-Cortes, J.A., 2020. Pest categorisation of potato virus S (non-EU isolates). *EFSA Journal*, 18(1), p.e05855.

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