

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

Field	Detail
Pest species name	<i>Potato virus Y</i> (non-European strains)
Pest taxon (order, family)	<i>Patatavirales, Potyviridae</i>
Synonyms	Potato Y potyvirus, PVY, brinjal mosaic virus, Marmor epsilon, potato acropetal necrosis virus, potato severe mosaic virus, potato virus 20, Solanum virus 2, Tabakrippenbraune Virus, tobacco vein banding mosaic virus, tobacco veinal necrosis virus, tobacco vein-banding virus
Pest common name	potato leaf-drop streak, potato acropetal necrosis, potato mottle, potato severe mosaic, potato stipple streak, tobacco vein banding, tobacco veinal necrosis, veinal necrosis of pepper
Regulatory status	Great Britain: Regulated quarantine pest Northern Ireland: Not regulated
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	<p><u>North America</u>: Canada, Greenland, Mexico, United States</p> <p><u>South America</u>: Argentina, Brazil, Chile, Colombia, Ecuador, Peru, Venezuela</p> <p><u>Oceania</u>: Australia, Cook Islands, New Zealand, Papua New Guinea, Samoa</p> <p><u>Africa</u>: Algeria, Benin, Egypt, Ethiopia, Kenya, Libya, Mauritius, Morocco, Nigeria, Rwanda (few occurrences), South Africa, Sudan, Tanzania, Tunisia, Zambia, Zimbabwe</p> <p><u>Asia</u>: Afghanistan, Bangladesh, Bhutan, China, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Lebanon, Nepal, Pakistan, Philippines, Saudi Arabia, South Korea, Syria, Taiwan, Tajikistan, Turkey, Vietnam, Yemen</p>

Main hosts	<i>Capsicum</i> L. <i>Solanum lycopersicum</i> L. <i>Nicotiana tabacum</i> L. <i>Solanum</i> L. <i>Solanum melongena</i> L. <i>Solanum nigrum</i> L. <i>Solanum tuberosum</i> L.
Likelihood for establishment in UK	Very likely, based on hosts and climate
Website(s)	https://ictv.global/taxonomy https://gd.eppo.int/taxon/PVY000 https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=12846 https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.43762

References

¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area:
<https://www.fao.org/3/x2968e/x2968e.pdf>