

UK pest status report for *Clavibacter sepedonicus*

Field	Detail
Pest species name	<i>Clavibacter sepedonicus</i> (Spieckermann & Kotthoff 1914) Li <i>et al.</i> , 2018
Pest taxon (order, family)	Actinomycetales, Microbacteriaceae
Synonyms	<i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> (Spieckermann & Kotthof, 1914) Davis <i>et al.</i> , 1984
Pest common name	Potato ring rot
Regulatory status	Great Britain: Regulated quarantine pest Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest eradicated. The presence of potato ring rot was discovered in November 2003 in a sample of seed potatoes (<i>Solanum tuberosum</i> cv. Provento) grown on a farm in Wales. In 2004, tracing and testing studies confirmed that the outbreak had been contained and the pest was declared eradicated in 2009. In 2012/2013, following a warning from the Dutch NPPO that several seed lots cv. Luciole exported to the UK might be infected, tracing work detected 5 infected samples. All material concerned was destroyed. Officially declared eradicated in 2017.
Global distribution	<u>America</u> : Canada, Mexico, United States of America <u>Asia</u> : China, Japan, Kazakhstan, People's Democratic Republic of Korea, Republic of Korea, Nepal, Pakistan, Taiwan, Uzbekistan <u>Europe</u> : Belarus, Bulgaria, Czech Republic, Estonia, Finland, Georgia, Germany, Greece, Hungary, Latvia, Lithuania, Norway, Poland, Romania, Russia, Slovakia, Spain, Sweden, Türkiye, Ukraine
Main hosts	<i>Solanum tuberosum</i>

Likelihood for establishment in UK	Likely
Website(s)	https://planthealthportal.defra.gov.uk/data/pests/10954 https://gd.eppo.int/taxon/CORBSE https://gd.eppo.int/taxon/CORBSE/distribution/GB_en https://www.cabidigitallibrary.org/doi/full/10.1079/cabicompendium.15343#sec-7

References

Clavibacter michiganensis ssp. sepedonicus: a bacterial disease in potato crop (Solanum tuberosum L.) in Sonora, México. Tropical and Subtropical Agroecosystems, 10 (2009): 169 - 175

Bradbury JF, 1986. Guide to Plant Pathogenic Bacteria. Wallingford, UK: CAB International.

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