

## UK pest status report for *Pectobacterium* spp. causing blackleg

Field	Detail
<b>Pest species name</b>	<i>Pectobacterium</i> spp. causing blackleg ( <i>P. atrosepticum</i> (van Hall 1902) Gardan <i>et al.</i> 2003), <i>P. brasiliense</i> (Portier <i>et al.</i> 2019), <i>P. carotovorum</i> (Jones 1901) Waldee 1945 (Approved Lists 1980), <i>P. parmentieri</i> (Khayati <i>et al.</i> 2016), <i>P. punjabense</i> (Sarfraz <i>et al.</i> 2018), <i>P. versatile</i> (Portier <i>et al.</i> 2019))
<b>Pest taxon (order, family)</b>	Enterobacterales, Pectobacteriaceae
<b>Synonyms</b>	<i>P. atrosepticum</i> : <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> (van Hall 1902) Dye 1969; <i>Pectobacterium carotovorum</i> subsp. <i>atrosepticum</i> (van Hall 1902) Hauben <i>et al.</i> 1999; <i>P. brasiliense</i> : <i>Pectobacterium carotovorum</i> subsp. <i>brasiliense</i> ; Nabhan <i>et al.</i> 2012 <i>P. carotovorum</i> : <i>Erwinia carotovora</i> subsp. <i>carotovora</i> (Jones 1901) Dye 1969 (Approved Lists 1980), <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> (Jones 1901) Hauben <i>et al.</i> 1999 <i>P. parmentieri</i> : <i>Pectobacterium wasabiae</i> (Goto and Matsumoto 1987) Gardan <i>et al.</i> 2003 <i>P. versatile</i> : 'Candidatus <i>Pectobacterium maceratum</i> ' (Shirshikov <i>et al.</i> 2018)
<b>Pest common name</b>	Blackleg of potato
<b>Regulatory status</b>	Great Britain: Regulated non quarantine pest. Northern Ireland: Regulated non quarantine pest.
<b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b>	Present, widespread Pest under official control on seed potatoes ( <i>Solanum tuberosum</i> L.)
<b>Global distribution</b>	<b><u>Africa</u></b> Algeria, Central African Republic, Egypt, Ethiopia, Kenya, Libya, Malawi, Mauritius, Morocco, Mozambique, Republic of the Congo, Réunion, South Africa, Sudan, Syria, Tanzania, Tunisia, and Zimbabwe

	<p><b><u>Asia</u></b></p> <p>Azerbaijan, Bangladesh, Bhutan, China, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Lebanon, Malaysia, Pakistan, Philippines, Saudi Arabia, Singapore, South Korea, Syria, Taiwan, Thailand, Turkey, Vietnam</p> <p><b><u>Europe</u></b></p> <p>Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom</p> <p><b><u>North America</u></b></p> <p>Belize, Bermuda, Canada, Costa Rica, Cuba, Dominican Republic, Greenland, Guadeloupe, Honduras, Martinique, Mexico, Panama, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, United States</p> <p><b><u>Oceania</u></b></p> <p>American Samoa, Australia, New Zealand, Papua New Guinea</p> <p><b><u>South America</u></b></p> <p>Argentina, Bolivia, Brazil, Chile, Colombia, Peru, Suriname, Venezuela</p>
<b>Main hosts</b>	<i>Solanum tuberosum</i>
<b>Likelihood for establishment in UK</b>	Pectobacterium spp. causing blackleg is established and widespread in the UK.
<b>Website(s)</b>	<a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.21910">https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.21910</a> <a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.119196">https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.119196</a> <a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.48069201">https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.48069201</a> <a href="https://cirm-cfbp.fr/page/CFBP_query">https://cirm-cfbp.fr/page/CFBP_query</a>

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EPPO PM 7/155 (1) *Pectobacterium* spp. and *Dickeya* spp., Van Vaerenbergh *et al.* 2023  
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<sup>1</sup> [International Standard for Phytosanitary Measures \(ISPM\) 8 Determination of pest status in an area](#)