

UK pest status report for Beet necrotic yellow vein virus

Field	Detail
Pest species name	<i>Beet necrotic yellow vein virus</i>
Pest taxon (order, family)	<i>Hepelivirales, Benyviridae</i>
Synonyms	BNYVV Beet necrotic yellow vein benyvirus Beet necrotic yellow vein furovirus Beet rhizomania virus
Pest common name	rhizomania necrotic yellow vein of beet rhizomania of beet spinach rhizomania: sugar beet
Regulatory status	Great Britain: Not regulated Northern Ireland: Protected zone quarantine pest
Pest status in UK (as per ISPM 8¹)	Present: except in specified pest free areas (Northern Ireland). Virus affecting beets and other crops. Present in the UK with limited distribution. Regulations in place to maintain freedom in Northern Ireland
Global distribution	Africa: Egypt, Morocco, South Africa North America: United States of America South America: Brazil Asia: China, Iran, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Mongolia, Pakistan, Syria Europe: Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, France, Germany, Greece, Hungary, Italy, Lithuania, The Netherlands, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye, Ukraine
Main hosts	<i>Beta</i> L.

	<p><i>Beta vulgaris</i> L.</p> <p><i>Cichorium intybus</i> L.</p> <p><i>Heliotropium europaeum</i> L.</p> <p><i>Plantago major</i> L.</p> <p><i>Spinacia oleracea</i> L.</p>
Likelihood for establishment in UK	Present in the UK, mainly in East Anglia. BNYVV is transmitted by the soil-borne plasmodiophorid, <i>Polymyxa betae</i> . It is possible it could establish in N. Ireland if infected soil was imported.
Website(s)	<p>https://ictv.global/taxonomy</p> <p>https://gd.eppo.int/taxon/BNYVV0</p> <p>https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=11367</p> <p>https://www.cabidigitallibrary.org/doi/10.1079/cabicompndium.10257</p> <p>https://efsa.onlinelibrary.wiley.com/doi/full/10.2903/j.efsa.2020.6360</p>

References

- ¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area