

UK pest status report for Beet curly top virus

Field	Detail
Pest species name	<i>Beet curly top virus</i>
Pest taxon (order, family)	<i>Geplafuvirales, Geminiviridae</i>
Synonyms	BCTV, Beet curly top curtovirus, Beet curly top geminivirus, beet curly top hybrigeminivirus, Potato green dwarf virus, Sugarbeet curly-leaf virus, sugarbeet curly top virus, Sugarbeet virus 1, tomato yellow virus, Tomato yellows virus, Western yellow blight virus,
Pest common name	Beet curly top, curly top, curly leaf of sugarbeet, curly top of beet, curly top of sugarbeet, green dwarf of potato, potato green dwarf, sugar beet curly top virus, sugar beet curly- leaf, tomato yellows, tomato yellows virus, western yellow blight, yellows of tomato
Regulatory status	Great Britain: Regulated quarantine pest Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent, pest not recorded
Global distribution	Africa: Cote d'Ivoire, Egypt. North America: Canada, United States of America, Mexico Central America: Costa Rica, South America: Argentina, Bolivia, Uruguay Asia: India, Japan, Iran Europe: Cypress, Italy, Turkey
Main hosts	<i>Apium graveolens, Beta vulgaris, Beta vulgaris var. saccharifera, Capsicum annuum, Capsicum frutescens, Cucumis sativus, Cucurbitaceae, Phaseolus vulgaris, Solanum lycopersicum, Solanum tuberosum</i> (host-other <u>not main</u>), <i>Vigna unguiculata</i>

<p>Likelihood for establishment in UK</p>	<p>Main leafhopper vectors: <i>Circulifer opacipennis</i> (<i>Neoaliturus opacipennis</i>) - Mediterranean vector, <i>Circulifer tenellus</i> (<i>Neoaliturus tenellus</i>) – North American vector.</p> <p>Phloem transmitted, moved locally by its insect vectors. Seed and tubers not known to be affected.</p> <p>Based on climate and host range highly likely could establish in UK, but may be limited by distribution of vectors.</p>
<p>Website(s)</p>	<p>https://ictv.global/taxonomy</p> <p>https://gd.eppo.int/taxon/BCTV00</p> <p>https://gd.eppo.int/taxon/BCTV00/documents</p> <p>https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.10239</p> <p>https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=13</p>

References

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