

## UK pest status report for Lettuce infectious yellows virus

Field	Detail
<b>Pest species name</b>	<i>Lettuce infectious yellows virus</i>
<b>Pest taxon (order, family)</b>	<i>Martellivirales, Closteroviridae</i>
<b>Synonyms</b>	LIYV, Lettuce infectious yellows closterovirus, Lettuce infectious yellows crinivirus
<b>Pest common name</b>	infectious yellows of lettuce
<b>Regulatory status</b>	Great Britain: Regulated quarantine pest. Northern Ireland: Regulated quarantine pest
<b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b>	Absent: pest not recorded.
<b>Global distribution</b>	<b>North America-</b> Mexico, United States of America
<b>Main hosts</b>	<p><i>Beta vulgaris</i> L.</p> <p><i>Citrullus lanatus</i> (Thunb.) Matsum. &amp; Nakai</p> <p><i>Cucumis melo</i> L.</p> <p><i>Cucurbita maxima</i> Duch.</p> <p><i>Cucurbita moschata</i> Duch. Ex Poir.</p> <p><i>Cucurbita pepo</i> L.</p> <p><i>Daucus carota</i> subsp. <i>sativus</i></p> <p><i>Helianthus</i> L.</p> <p><i>Ipomoea</i> L.</p> <p><i>Lactuca canadensis</i> L.</p> <p><i>Lactuca sativa</i> L.</p>

	<p><i>Malva parviflora</i> L./Boiss.</p> <p><i>Physalis heterophylla</i> Nees</p> <p><i>Plants (general)</i></p>
<b>Likelihood for establishment in UK</b>	Highly likely. North American virus pest of lettuce and other hosts. Risk is mitigated by regulation of vector ( <i>Bemisia tabaci</i> , tobacco whitefly, a non-indigenous quarantine pest). A further review would be considered if there was a development of trade in host plants.
<b>Website(s)</b>	<p><a href="https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=11440">https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=11440</a></p> <p><a href="https://ictv.global/taxonomy">https://ictv.global/taxonomy</a></p> <p><a href="https://gd.eppo.int/taxon/LIYV00">https://gd.eppo.int/taxon/LIYV00</a></p> <p><a href="https://gd.eppo.int/taxon/LIYV00/documents">https://gd.eppo.int/taxon/LIYV00/documents</a></p> <p><a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompndium.30238">https://www.cabidigitallibrary.org/doi/10.1079/cabicompndium.30238</a></p>

## References

<https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/lettuce-infectious-yellows-virus>

<sup>1</sup> International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area