

UK pest status report for *Alphanucleorhabdovirus tuberosum*

Field	Detail
Pest species name	<i>Alphanucleorhabdovirus tuberosum</i>
Pest taxon (order, family)	Mononegavirales, Rhabdoviridae
Synonyms	potato yellow dwarf virus, potato yellow dwarf nucleorhabdovirus, potato yellow dwarf rhabdovirus, PYDV, CYDV, STDV
Pest common name	Yellow dwarf of potato
Regulatory status	Great Britain: Regulated quarantine pest (as potato viruses, viroids and phytoplasmas, such as) Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	<u>North America:</u> United States
Main hosts	<i>Solanum tuberosum</i> , Asteraceae, <i>Catharanthus roseus</i> , <i>Nicotiana glauca</i> , <i>Solanum lycopersicum</i> , <i>Mirabilis jalapa</i> , <i>Tagetes erecta</i> , <i>Zinnia elegans</i> .
Likelihood for establishment in UK	Very likely. Vector thought to be present in the UK, but the virus is effectively excluded by the prohibition on the import of potato tubers from the Americas.
Website(s)	https://ictv.global/taxonomy https://gd.eppo.int/taxon/PYDV00 https://plantwisepiusknowledgebank.org/doi/10.1079/PWKB.Species.43760

<https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=12679>

<https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.43760>

References

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