

UK pest status report for Melon yellowing-associated virus

Field	Detail
Pest species name	<i>Melon yellowing-associated virus</i>
Pest taxon (order, family)	<i>Tymovirales, Betaflexiviridae</i>
Synonyms	MYAV, MYaV
Pest common name	n/a
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	South America- Brazil
Main hosts	<i>Cucumis melo</i> L. <i>Plants (general)</i>
Likelihood for establishment in UK	Moderately likely. Considered of low risk to the UK as melons are not commonly cultivated, though amateur gardeners may occasionally grow them. Virus known only from Brazil. Vectored by <i>Bemisia tabaci</i> (non-indigenous quarantine pest).
Website(s)	https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=29336 https://ictv.global/taxonomy https://gd.eppo.int/taxon/MYAV00 https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.121292

References

Nagata T, Alves DM, Inoue-Nagata AK, Tian TY, Kitajima EW, Cardoso JE, de Avila AC. A novel melon flexivirus transmitted by whitefly. Arch Virol. 2005 Feb;150(2):379-87. doi: 10.1007/s00705-004-0400-1. Epub 2004 Oct 29. PMID: 15526146.

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