

UK pest status report for *Meloidogyne fallax*

Field	Detail
Pest species name	<i>Meloidogyne fallax</i> Karssen, 1996
Pest taxon (order, family)	Tylenchida: Meloidogynidae
Synonyms	<i>Meloidogyne arenaria thamesi</i> Chitwood in Chitwood <i>et al.</i> , 1952
Pest common name	False Columbia root-knot nematode Nematode, False Columbia root-knot Root-gall nematode Root-knot nematode
Regulatory status	Great Britain: Regulated non quarantine pest Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Present: not widely distributed Pest under official control on seed potatoes (<i>Solanum tuberosum</i> L.)
Global distribution	Africa: South Africa. Asia: Indonesia, Indonesia (Java). Europe: Belgium, France, Germany, Ireland (Subbotin <i>et al.</i> , 2021), Netherlands, Norway, Sweden, Switzerland, United Kingdom. North America: California (Subbotin <i>et al.</i> , 2021) Oceania: Australia (Queensland, South Australia, Tasmania, Victoria, Western Australia), New Zealand. South America: Chile.
Main hosts	<i>Acer</i> spp., <i>Allium porrum</i> , <i>Asparagus officinalis</i> , <i>Avena strigosa</i> , <i>Beta vulgaris</i> , <i>Cichorium intybus</i> <i>Cynara scolymus</i> , <i>Daucus carota</i> subsp.sativus, <i>Fragaria ananassa</i> , <i>Hemerocallis</i> spp., <i>Hordeum vulgare</i> , <i>Lactuca sativa</i> , <i>Lamprocapnos spectabilis</i> , <i>Leptinella</i> spp., <i>Lolium multiflorum</i> , <i>Medicago sativa</i> , <i>Oenothera glazioviana</i> , <i>Phacelia tanacetifolia</i> , <i>Scorzonera hispanica</i> , , <i>Solanum lycopersicum</i> , <i>Solanum</i>

	<p><i>physalifolium</i>, <i>Solanum nigrum</i>, <i>Solanum tuberosum</i>, <i>Scorzonera hispanica</i>, <i>Trifolium repens</i>, <i>Triticum aestivum</i>.</p> <p>Note: This species can parasitise a wide range of dicotyledonous plant species and some monocotyledons (Subbotin <i>et al.</i>, 2021).</p>
Likelihood for establishment in UK	Likely. This species is currently present in UK, with a limited distribution.
Website(s)	<p>http://intranet.fera.gsi.gov.uk/applicat/ph/warehouse/organism/info.cfm?cslref=16540&pageType=INFO</p> <p>https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.33241</p> <p>https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=16540</p> <p>https://gd.eppo.int/taxon/MELGFA/distribution</p> <p>https://gd.eppo.int/taxon/MELGFA/hosts</p> <p>https://gd.eppo.int/taxon/MELGFA/datasheet</p>

References

Macleod A *et al.* 2012. Pest risk assessment for the European Community plant health: A comparative approach with case studies. Full report [1053 pp.] is available at <http://www.efsa.europa.eu/fr/supporting/doc/319e.pdf>

Subbotin, S.A., Rius, J.E.P. and Castillo, P., 2021. *Systematics of root-knot nematodes (Nematoda: Meloidogynidae)*. Brill.

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