

## UK pest status report for *Meloidogyne fallax*

| Field  | Detail  |
|--|---|
| <b>Pest species name</b>                             | <i>Meloidogyne fallax</i> Karssen, 1996   |
| <b>Pest taxon (order, family)</b>                    | Tylenchida: Meloidogynidae  |
| <b>Synonyms</b>                                      | <i>Meloidogyne arenaria thamesi</i> Chitwood in Chitwood <i>et al.</i> , 1952   |
| <b>Pest common name</b>                              | False Columbia root-knot nematode<br>Nematode, False Columbia root-knot<br>Root-gall nematode<br>Root-knot nematode   |
| <b>Regulatory status</b>                             | Great Britain: Regulated non quarantine pest<br>Northern Ireland: Regulated quarantine pest   |
| <b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b> | Present: not widely distributed and under official control  |
| <b>Global distribution</b>                           | <b>Africa:</b> South Africa.<br><b>Asia:</b> Indonesia, Indonesia (Java).<br><b>Europe:</b> Belgium, France, Germany, Ireland (Subbotin <i>et al.</i> , 2021), Netherlands, Norway, Sweden, Switzerland, United Kingdom.<br><b>North America:</b> California (Subbotin <i>et al.</i> , 2021)<br><b>Oceania:</b> Australia (Queensland, South Australia, Tasmania, Victoria, Western Australia), New Zealand.<br><b>South America:</b> Chile.  |
| <b>Main hosts</b>                                    | <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>   |
| <b>Likelihood for establishment in UK</b> | Likely. This species is currently present in UK, with a limited distribution.   |
| <b>Website(s)</b>                         | <p><a href="http://intranet.fera.gsi.gov.uk/applicat/ph/warehouse/organism/info.cfm?cslref=16540&amp;pageType=INFO">http://intranet.fera.gsi.gov.uk/applicat/ph/warehouse/organism/info.cfm?cslref=16540&amp;pageType=INFO</a></p> <p><a href="https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.33241">https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.33241</a></p> <p><a href="https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=16540">https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=16540</a></p> <p><a href="https://gd.eppo.int/taxon/MELGFA/distribution">https://gd.eppo.int/taxon/MELGFA/distribution</a></p> <p><a href="https://gd.eppo.int/taxon/MELGFA/hosts">https://gd.eppo.int/taxon/MELGFA/hosts</a></p> <p><a href="https://gd.eppo.int/taxon/MELGFA/datasheet">https://gd.eppo.int/taxon/MELGFA/datasheet</a></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.

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