

DAFTAR PUSTAKA

- Abbott, W.S. 1925. A method of computing the effectiveness of an insecticide. *Journal of Economic Entomology* 18: 265-267.
- Agbenin, N.O., A.M. Emechebe, P.S. Marley, and A.D. Akpa. 2005. Evaluation of nematicidal action of some botanicals on *Meloidogyne incognita* in vivo and in vitro. *Journal of Agriculture and Rural Development in the Tropics and Subtropics* 106(1): 29-39.
- Agrios, G. N. 2005. *Plant Pathology*. Fifth Edition. Elsevier Academic Press; California.
- Akinsanya, A. K., A. O. Afolami, P. Kulakow, and D. Coyne. 2020. The root-knot nematode, *Meloidogyne incognita*, profoundly affects the production of popular biofortified cassava cultivars. *Nematology* 22: 667-676.
- Atamian, H. S., P. A. Roberts, and I. Kaloshian. 2012. High and low throughput screens with root-knot nematodes *Meloidogyne spp.* *Journal of Visualised Experiments* 61: 1-5.
- Bellaifiore, S., Z. Shen., M. Rosso., P. Abad., P. Shih., and S. P. Briggs. 2008. Direct identification of the *Meloidogyne incognita* secretome reveals proteins with host cell reprogramming potential. *Plos Pathogens* 4(10): 1-12.
- Bezooijen, J. V. 2006. *Methodes and technique for nematology*. Wageningen University; Wageningen.
- Calderon-Urrea, A., B. Vanholme., S. Vangestel., S. M. Kane, A. Bahaji, K. Pha, M. Garcia, A. Snider, and G. Gheysen. 2016. Early development of the root-knot nematode *Meloidogyne incognita*. *BMC Developmental Biology* 16(10): 1-14.
- Castagnone-Sereno, P. 2006. Genetic variability and adaptive evolution in parthenogenetic root-knot nematodes. *Heredity* 96: 282-289.
- Chaerani. 2022. Plant parasitic nematodes in agricultural ecosystem of Indonesia. *Jurnal Perlindungan Tanaman Indonesia*, 26(1): 1-12.
- Chin, S., C.A. Behm and U. Mathesius. 2018. Functions of flavonoids in plant–nematode interactions. *Plants (Basel)*. 7(4):1-17.
- Chitwood, J. D. 2002. Phytochemical based strategies for nematode control. *Annual Review of Phytopathology*, 40: 221-249.
- Dropkin, V. H. 1996. *Pengantar nematologi tumbuhan edisi kedua*. Gadjah Mada University Press; Yogyakarta.
- Eisenback, J. D. 2020. *Meloidogyne incognita* (root-knot nematode). <https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.33245#totaxonomicTree>. Diakses pada 13 Februari 2023.
- Gafur, A. 2021. *Nematoda Tanah: Pengantar Teori dan Praktik*. Lakeisha; Jawa Tengah.
- Gilman, E. F., and T. Howe. 1999. *Tagetes erecta*. Fact Sheet EPS – 569, Institute of food and agriculture, University of Florida.
- Hamaguchi, T., K. Sato., C. S. L. Vicente., and K. Hasegawa. 2019. Nematicidal actions of the marigold exudate α -terthienyl: oxidative stress-inducing compound penetrates nematode hypodermis. *Biology Open* 8(4): 1-9.
- Haque, Z. 2017. *Life cycle of root-knot nematode (Meloidogyne sp.)*. Aligarh Muslim University. India
- Hema and A. S. Khanna. 2018. Yield loss assessment of tomato through *Meloidogyne incognita* (kofoid and white) chitwood, in Himachal Pradesh, India. *Journal of Entomology and Zoology Studies* 6(5): 448-451.

- Indarti, S. dan B. Rahayu. 2014. Potensi jamur parasit telur sebagai agens hayati pengendalian nematoda puru akar *Meloidogyne incognita* pada tanaman tomat. Jurnal Perlindungan Tanaman Indonesia 18(2): 65-70.
- Istiqomah, D., A.P. Pradana. 2015. Review: Teknik pengendalian nematoda puru akar (*Meloidogyne* spp.) ramah lingkungan. Prosiding Seminar Nasional Pencapaian Swasembada Pangan Melalui Pertanian Berkelanjutan.
- Khan, A., M. Sayed., S.S. Shaukat., and Z.A. Handoo. 2008. Efficacy of four plant extracts on nematodes associated with papaya in Sindh, Pakistan. Nematologia Mediterranea, 36(1): 93-98.
- Khotimah, N., I. N. Wijaya., dan M. Sritamin. 2020. Perkembangan populasi nematoda puru akar (*Meloidogyne* spp.) dan tingkat kerusakan pada beberapa tanaman familia Solanaceae. Jurnal Agroteknologi Tropika 9(1) : 23-31.
- Lu P., R. F. Davis., R. C. Kemerait., M. W. V. Iersel., and H. Scherm. 2014. Physiological effects of *Meloidogyne incognita* infection on cotton genotypes with differing levels of resistance in the greenhouse. Journal Nematol 46(4): 352-359.
- Lu, C., Y. Meng., Y. Wang., T. Zhang., G. Yang., M. Mo., K. Ji., L. Liang., C. Zou., and K. Zhang. 2022. Survival and infectivity of second-stage root-knot nematode *Meloidogyne incognita* juveniles depend on lysosome-mediated lipolysis. Journal Of Biological Chemistry, 298(3) : 1-13.
- Maijama'a, N.A. 2023. Evaluation of different leaf powder and extracts in controlling root knot nematode [*Meloidogyne incognita* (Chitwood) 1949] on sweet melon in Yola, Adamawa State Nigeria. Agricultural Science and Technology Journal 9(1): 94-107.
- Mulyadi. 2009. Nematologi pertanian. Gadjah Mada University Press; Yogyakarta.
- Mustika, I. 2005. Konsepsi dan strategi pengendalian nematoda parasit tanaman perkebunan di Indonesia. Perspektif, 4(1) : 20-32.
- Nurbani, S. Z., Kusuma, J., Siregar, A.N. dan Hidayah, N. (2020). Identifikasi senyawa fitokimia ekstrak waru laut (*Thespia populnea*) dari pesisir pantai semarus kabupaten natuna. Jurnal Blufferin Fisheris, 2(2): 8-19
- Oktafiyanto, M. F., A P. Pradana, dan A. Munif. 2016. Aktivitas nematisidal daun, batang, dan bunga *Tithonia diversifolia* terhadap nematoda puru akar *Meloidogyne incognita* secara *in vitro*. Prosiding Seminar Nasional Perkebunan :241-250.
- Osunlola, O. S. and B. Fawole. 2014. The development and life cycle of *Meloidogyne incognita* in sweet potato (*Ipomoea batatas*) cv TIS 4400-2. Journal of Agriculture and Veterinary 7(9): 49-53.
- Robiyanto, K. R., dan Untari, E. K. 2018. Potensi antelmintik ekstrak etanol daun mangga arumanis (*Mangifera indica* L.) pada cacing *Ascaridia galli* dan *Raillietina tetragona* secara *in vitro*. Pharm Sci Res, 5(2): 81-89.
- Rojas-Sandoval, J. 2018. *Tagetes erecta* (marigold Meksiko). <https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.52641>. Diakses pada tanggal 31 Maret 2024.
- Sarjani, T.M., A.L. Mawardi., E.S. Oandia., and A.R.S. Siregar. 2021. Antioxidant activity and phytochemical screening of some sansevieria plant. Proceedings of the 2nd International Conference on Science, Technology, and Modern Society, 576: 381-384.
- Semangun, H. 1996. Pengantar Ilmu Penyakit Tumbuhan. Gadjah Mada University Press; Yogyakarta.

- Setiawati, W., R. Murtiningsih, N. Gunaeni, dan T. Rubiati. 2008. Tumbuhan bahan pestisida nabati dan cara pembuatannya untuk pengendalian organisme pengganggu tumbuhan (OPT). Balai Penelitian Tanaman Sayuran; Bandung.
- Shaffila, D. M., I D. P. Singarsa, dan I M. Sudarma. 2023. Uji efektifitas ekstrak tanaman sebagai nematisida nabati untuk menekan populasi nematoda puru akar (*Meloidogyne spp.*) pada tanaman seledri (*Apium graveolens* L.). Journal on Agriculture Science, 13(3); 458-465.
- Shetty L.J., F. M. Sakr, K. Al-Obaidy, M. J. Patel, and H. Shareef. 2015. A brief review on medicinal plant *Tagetes erecta* Linn. Journal of Applied Pharmaceutical Science 5(3) : 91-95.
- Shi, X., K. Qiao, B. Li, and S. Zhang. 2019. Integrated management of *Meloidogyne incognita* and *Fusarium oxysporum* in cucumber by combined application of abamectin and fludioxonil. Crop Protection 126 : 1-7.
- Sikandar, A., M. Zhang., Y. Wang., X. Zhu., X. Liu., H. Fan., Y. Xuan., L. Chen., and Y. Duan. 2020. In vitro evaluation of *Penicillium chrysogenum* Snf1216 against *Meloidogyne incognita* (root-knot nematode). Scientific Reports 10: 1-9.
- Sikora, R.A. D. Coyne, J. Hallmann., and P. Timper. 2018. Plant parasitic nematodes in subtropical and tropical agriculture 3rd Edition. CAB International: London.
- Singh, N., and S. Chahar. 2021. Isolation and morphological identification of root knot nematode from cucumber roots. International Journal of Botany Studies 6(5): 547-550.
- Taylor, A. L. and J. N. Sasser. 1978. Biology, Identification and control of root-knot nematodes (*Meloidogyne* sp.). International Meloidogyne Project; USA: North Carolina State University Graphics.
- Tyler, J. 1933. Reproduction without males in aseptic root cultures of the root-knot nematode. Hilgardia 7(10): 373-388.
- Ulhusna, F. A., D. Syafrianti, U. Moricha, dan A. Safriani. Profil fitokimia dan aktivitas antioksidan ekstrak air daun *Tagetes erecta* L. Jurnal Jeumpa 9(1): 690-694.
- Velasco-Azorsa, R., H. Cruz-Santiago., I.C. del Prado-Vera., M.V. Ramirez-Mares, M. del R. Gutierrez-Ortiz., N.F. Santos-Sanchez., R. Salas-Coronado., C. Villanueva-Canongo, KI. Lira-de Leon, and B. Hernandez-Carlos. 2021. Chemical characterization of plant extracts and evaluation of their nematicidal and phytotoxic potential. Molecules, 26(8): 1-13.
- Vovlas, N., H. F. Rapoport., R. M. J. Diaz, and P. Castillo. 2005. Differences in feeding sites induced by root-knot nematodes, *Meloidogyne spp.*, in Chickpea. Phytopathology 95: 368-375.
- Wulandari, D. R., I M. Sudana, dan I. D. P. Singarsa. 2019. Tingkat fekunditas nematoda (*Meloidogyne spp.*) pada beberapa tanaman yang tergolong familia Solanaceae. Jurnal Agroekoteknologi Tropika, 8(4): 468-477.
- Wiratno, D. Taniwiryo, H. Van den Berg, J.A.G. Riksen, I.M.C.M. Rietjens, S.R. Djiwanti, J.E. Kammenga, and A.J. Murk. 2009. Nematicidal activity of plant extracts against the root-knot nematode, *Meloidogyne incognita*. The Open Natural Products Journal 2: 77-85.
- Yuliani, E. H., dan Fitriani. 2020. Daya larvasida ekstrak daun tahi kotok (*Tagetes erecta* L.) terhadap mortalitas larva *Culex quinquefasciatus*. BIOEDUKASI 11(1): 43-50.
- Zhang, Q. W., Lin, L. G., and Ye, W. C. 2018. Techniques For Extraction and Isolation of Natural Products: A Comprehensive Review. Chinese Medicine, 13(1): 1-26.