

DAFTAR PUSTAKA

- Abu Hatab, M. and Gaugler, R. 2001. Diet Composition and Lipids of In Vitro-Produced *Heterorhabditis bacteriophora*. *Biological Control*, 20(1), pp. 1–7. doi: 10.1006/bcon.2000.0870.
- Afifah, L., Tri Rahardjo, B. and Tarno, H. 2013. Eksplorasi Nematoda Entomopatogen pada Lahan Tanaman Jagung, Kedelai, dan Kubis di Malang serta Virulensinya terhadap *Spodoptera litura* Fabricius. *Jurnal HPT*, 1(2), pp. 1–9.
- Akhurst, R. J. 1980. Morphological and Functional Dimorphism in *Xenorhabdus* spp., Bacteria Symbiotically Associated with the Insect Pathogenic Nematodes *Neaplectana* and *Heterorhabditis*. *Microbiology*, 121(2), pp. 303–309. doi: 10.1099/00221287-121-2-303.
- Angelia, O. I. 2016. Analisa Kadar Lemak Pada Tepung Ampas Kelapa. *Jurnal Technopreneur (JTech)*, 4(1), pp. 19–23. doi: doi.org/10.30869/jtech.v4i1.
- Boemare, N. E. and Akhurst, R. J. 1988. Biochemical and Physiological Characterization of Colony Form Variants in *Xenorhabdus* spp. (Enterobacteriaceae). *Microbiology*, 134(3), pp. 751–761. doi: 10.1099/00221287-134-3-751.
- Burnell, A. M. and Stock, S. P. 2000. *Heterorhabditis*, *Steinernema* and Their Bacterial Symbionts - Lethal Pathogens of Insects. *Nematology*, 2(1), pp. 31–42. doi: 10.1163/156854100508872.
- Canhilal, R. and Carner, G. R. 2006. Natural Occurrence of Entomopathogenic Nematodes (Rhabditida: Steinernematidae and Heterorhabditidae) in South Carolina. *Journal of Agricultural and Urban Entomology*, 23(3), pp. 159–166.
- Chitra, P., Sujatha, K. and Jeyasankar, A. 2017. Entomopathogenic Nematode as a Biocontrol Agent – Recent Trends – A Review. *International Journal of Advanced Research in Biological Sciences*, 4(1), pp. 9–20. doi: 10.22192/ijarbs.
- Divya, K. and Sankar, M. 2009. Entomopathogenic Nematodes in Pest Management. *Indian Journal of Science and Technology*, 2(7), pp. 53–60.

- Dunn, M. D., Belur, P. D. and Malan, A. P. 2021. A Review of the In Vitro Liquid Mass Culture of Entomopathogenic Nematodes. *Biocontrol Science and Technology*, 31(1), pp. 1–21. doi: 10.1080/09583157.2020.1837072.
- Ehlers, R. U., Niemann, I., Hollmer, S., Strauch, O., Jende, D., Shanmugasundaram, M., Mehta, U. K., Easwaramoorthy, S. K., Burnell, A. 2000. Mass production potential of the bacto-helminthic biocontrol complex *Heterorhabditis indica*-*Photorhabdus luminescens*. *Biocontrol Science and Technology*, 10(5), pp. 607–616. doi: 10.1080/095831500750016406.
- Elbrense, H., Elmasry, Amr M. A., Seleiman, M. F., Al-Harbi, Mohammad S., Abd El-Raheem, A. M. 2021. Can Symbiotic Bacteria (*Xenorhabdus* and *Photorhabdus*) Be More Efficient than Their Entomopathogenic Nematodes Against *Pieris rapae* and *Pentodon algerinus* Larvae. *Biology*, 10(10), p. 999. doi: 10.3390/biology10100999.
- Gaugler, R. 2002. *Entomopathogenic Nematology*. CABI. New Brunswick. doi: 10.1079/9780851995670.0099.
- Indriyanti, D. R., Pribasari, A. D. H., Puspitarini, D., Widiyaningrum, P. 2014. Kelimpahan dan Pola Penyebaran Nematoda Entomopatogen sebagai Agensi Pengendali Serangga Hama pada Berbagai Lahan di Semarang. *Jurnal Lahan Suboptimal*, 3(1), pp. 55–61.
- Indriyanti, D. R., Awalliyah, N. F. and Widiyaningrum, P. 2015. *Perbanyakan Nematoda Entomopatogen (NEP) pada Berbagai Media Buatan. SainteknoJurnal Sains dan Teknologi*. Chichester: John Wiley & Sons.
- Indriyanti, D. R. and Muharromah, N. L. 2016. Mass Cultivation of Entomopathogenic Nematode in Artificial Media. *Biosaintifika: Journal of Biology & Biology Education*, 8(1), pp. 113–120. doi: 10.15294/biosaintifika.v8i1.5579.
- Irfan, M., Saragih, R., Oksana., Mahmud, Y., Aly, M. A. 2021. Gambaran Kelimpahan Serangga pada Tiga Komoditas Tanaman Sayuran. *Seminar Nasional Pertanian*, pp. 273–281.
- Kaya, H. K. and Gaugler, R. 1993. Entomopathogenic Nematodes. *Annual Review of Entomology*, 1(38), pp. 181–2016. doi: 10.1146/annurev.en.38.010193.001145.

- Kranti K.V.V.S., K., Yadav, S. and Patil, J. 2020. Mass Multiplication of Entomopathogenic Nematodes on In Vitro Solid Media. *Journal of Entomology and Zoology Studies*, 8(3), pp. 565–570. doi: 10.20546/ijcmas.2018.707.382.
- Kumari, B., Sujata, Shweta, Kanwar, R. S. 2022. Use of Entomopathogenic Nematodes in Recent Trends: A Review. *The Pharma Innovation Journal*, 11(4), pp. 30–38. Available at: <http://www.thepharmajournal.com>.
- Nikdel, M. and Niknam, G. 2015. Morphological and Molecular Characterization of a New Isolate of Entomopathogenic Nematode, *Steinernema feltiae* (Filipjev) (Rhabditida: Steinernematidae) from the Arasbaran forests, Iran', *Journal of Asia-Pacific Biodiversity*, 8(2), pp. 144–151. doi: 10.1016/j.japb.2015.04.008.
- Nugrohorini. 2010. Eksplorasi Nematoda Entomopatogen pada Beberapa Wilayah Di Jawa Timur. *Jurnal Pertanian Maperta*, 12(2), pp. 72–144.
- Poinar, G. O. J. 1990. *Biology and Taxonomy Steinernematidae and Heterorhaditidae in 'Entomopathogenic Nematodes in Biological Control. (R. Gaugler and H.K. Kaya Eds)*. Boca Raton: CRC Press.
- Selvan, S., Gaugler, R. and Lewis, E. E. 1993. Biochemical Energy Reserves of Entomopathogenic Nematodes. *The Journal of Parasitology*, 79(2), p. 167. doi: 10.2307/3283503.
- Shan, S., Ma, H., Li, Y., Huang, C., Gu, X., Jiang, Z., Sun, B., Chen, C., Wei, X., Shen, G., Shapiro-Ilan, D., Ruan, W . 2020. Metabolites from Symbiotic Bacteria of Entomopathogenic Nematodes Have Antimicrobial Effects Against *Pythium myriotylum*. *European Journal of Plant Pathology*, 158(1), pp. 35–44. doi: 10.1007/s10658-020-02053-2.
- Shapiro-Ilan, D., Gaugler, R., Tedders, W. L., Brown, I., Lewis, E. E. 2002. Optimization of Inoculation for in Vivo Production of Entomopathogenic Nematodes. *Journal of Nematology*, 34(4), pp. 343–350.
- Shapiro-Ilan, D. I., Han, R. and Qiu, X. 2013. *Production of Entomopathogenic Nematodes, Mass Production of Beneficial Organisms : Invertebrates and Entomopathogens*. Guangzhou: Elsevier. doi: 10.1016/B978-0-12-391453-8.00010-8.

- Sivaramakrishnan, S. and Razia, M. 2021. *Entomopathogenic Nematodes and Their Symbiotic Bacteria*. New York: Springer. Available at: <https://link.springer.com/10.1007/978-1-0716-1445-7>.
- Surrey, M. R. and Davies, R. J. 1996. Pilot-scale Liquid Culture and Harvesting of an Entomopathogenic Nematode, *Heterorhabditis bacteriophora*. *Journal of Invertebrate Pathology*, 67(1), pp. 92–99. doi: 10.1006/jipa.1996.0013.
- Suyadi, S., Rosfiansyah, R., Nurdiana, J., Suryadi, A., Sopialena, S., Waluyo, S. 2017. Studi Genera Nematoda Entomopatogen pada Lahan Lebak Padi Sawah (*Oryza sativa* L.) di Kecamatan Muara Wis Kabupaten Kutai Kartanegara. *Konferensi Antarabangsa Islam Borneo*, pp. 500–506. Available at: <https://repository.unmul.ac.id/handle/123456789/6121>.
- Wouts, W. M. 1981. Mass Production of the Entomogenous Nematode *Heterorhabditis heliothidis* (Nematoda: Heterorhabditidae) on Artificial Media. *Journal of Nematology*, 13(4), pp. 467–469. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/19300790> <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=PMC2618128>.
- Yoo, S. K., Brown, I. and Gaugler, R. 2000. Liquid Media Development for *Heterorhabditis bacteriophora*: Lipid Source and Concentration. *Applied Microbiology and Biotechnology*, 54(6), pp. 759–763. doi: 10.1007/s002530000478.
- Yoo, S. K., Gaugler, R. and Brey, C. W. 2001. Growth Optimization of *Photorhabdus luminescens* Isolated From Entomopathogenic Nematode *Heterorhabditis bacteriophora*. *Korean Journal of Applied Microbiology and Biotechnology*, pp. 104–109.
- Zhen, S., Li, Y., Hou, Y., Gu, X., Zhang, L., Ruan, W., Shapiro-Ilan, D. 2018. Enhanced Entomopathogenic Nematode Yield and Fitness via Addition of Pulverized Insect Powder to Solid Media. *Journal of Nematology*, 50(4), pp. 495–506. doi: 10.21307/jofnem-2018-050.