DAFTAR PUSTAKA

Ayumi, D., Sumaiyah, S., & Masfria, M. (2018, December). Pembuatan dan karaterisasi nanopartikel ekstrak etanol daun ekor naga (Rhaphidophora Pinnata (LF) Schott) menggunakan metode gelasi ionik. In *Talenta Conference Series: Tropical Medicine (TM)* (Vol. 1, No. 3, pp. 029-033).

Akpor, O. B., Akinwusi, O. D., & Ogunnusi, T. A. (2021). Production, characterization and pesticidal potential of Bacillus species metabolites against sugar ant (Camponotus consobrinus). *Heliyon*, *7*(11).

Appalasamy, S., Diyana, M. A., Arumugam, N., & Boon, J. G. (2021). Evaluation of the chemical defense fluids of Macrotermes carbonarius and Globitermes sulphureus as possible household repellents and insecticides. *Scientific reports*, *11*(1), 153.

Bayu, B., Retna, R., & Sumihar, S. (2022). Daya Insektisida Rimpang Kencur (Kaempferia galanga), Cengkeh (Syzygium aromaticum), Kulit Jeruk Purut (Citrus hystrix) Dan Daun Sirih (Piper betle) Terhadap Kutu Beras (Sitophilus oryzae). *AGRISAINS: Jurnal Ilmiah Magister Agribisnis*, *4*(2), 57-68.

Budiman, D., Dadang, D., & Harahap, I. S. (2020). Keefektifan tiga jenis perangkap serangga untuk deteksi serangga hama gudang yang menyerang bungkil kopra. *Jurnal Entomologi Indonesia*, *17*(1), 1.

Daskar, a., utami, p. i., astuti, i. y., & antoni, f. (2022). formulasi dan karakterisasi nanopartikel ekstrak daun senggani (*Melastoma malabathricum* l.) pada berbagai variasi komposisi kitosan dengan metode gelasi ionik. *journal pharmacy aisyah*, *1*(2), 46-56.

Dampi, a. s. m., watung, j., & wantasen, s. (2022). the effectiveness of secondary metabolic bioinsecticides of metarhizum mushrooms on corn grower pests spodoptera frugiperda je smith (lepidoptera: noctuidae). *jurnal agroekoteknologi terapan*, *3*(1), 83-91.

Davaapurev, B. O., Fukumoto, A., Bolortuya, B., Boldbaatar, D., Maehata, Y., Iizaka, Y., & Anzai, Y. (2022). Methyl-β-D-glucopyranoside From Scabiosa comosa as a. Quorum-Sensing Inhibitor. *Natural Product Communications*, *17*(11).

Dewi, A. A. L. N., Wati, N. L. C., & Dewi, N. M. A. (2017). Uji efektivitas larvasida daun mimba (Azadirachta indica) terhadap larva lalat sarcophaga pada daging untuk ıya di Bali. *JST (Jurnal Sains dan Teknologi)*, *6*(1).

ana, L., & Roqobih, F. D. (2023). Studi Literatur: Efektivitas Daun ai Pestisida Nabati Pengusir Ulat Grayak pada Tanaman Jagung: ati; mimba; ulat grayak; tanaman jagung. *Innofarm: Jurnal Inovasi* (2).

Gutiérrez-Ruíz, S. C., Cortes, H., González-Torres, M., Almarhoon, Z. M., Gürer, E. S., Sharifi-Rad, J., & Leyva-Gómez, G. (2024). Optimize the parameters for the synthesis by the ionic gelation technique, purification, and freeze-drying of chitosan-sodium tripolyphosphate nanoparticles for biomedical purposes. *Journal of Biological Engineering*, *18*(1), 12.

Handoyo, D. L. Y., & Pranoto, M. E. (2020). Pengaruh variasi suhu pengeringan terhadap pembuatan simplisia daun mimba *Azadirachta Indica*. *Jurnal Farmasi Tinctura*, *1*(2), 45-54.

Hoang, N. H., Le Thanh, T., Sangpueak, R., Treekoon, J., Saengchan, C., Thepbandit, W., ... & Buensanteai, N. (2022). Chitosan nanoparticles-based ionic gelation method: a promising candidate for plant disease management. *Polymers*, *14*(4), 662.

Integrated Taxonomic Information System (ITIS). (n.d.). *Sitophilus oryzae (Linnaeus, 1763)*. Retrieved June 11, 2025, from https://www.itis.gov.

Javandira, C., I. K. Widnyana dan I. G. A. Suryadarmawan. 2016. Kajian Fitokimia dan Potensi Ekstrak Daun Tanaman Mimba *Azadirachta indica A. Juss* Sebagai Pestisida Nabati. *Jurnal Pengabdian Kepada masyarakat.* 29-30.

Juniarti, R., Nurdin, S. U., Nurdjanah, S., & Hasanudin, U. (2022). Karakteristik Kimia dan Fisik Beras Terserang Kutu (Sitophylus oryzae. sp): Chemical and physical characteristics of Rice Infested with lice (Sitophyllus oryzae. sp). *Jurnal Agroindustri Halal*, *8*(2), 222-232.

Katili, T. A. (2020). Uji efektivitas ekstrak biji bengkuang (Pachyrizus erosus (L.) Urban) sebagai insektisida nabati terhadap mortalitas kutu beras (Sitophilus oryzae). *Journal of Health, Technology and Science (JHTS)*, *1*(1), 28-32.

Lithi, U. J., Faridullah, M., Roy, V. C., Roy, K. C., & Alam, A. N. (2019). Efficiency of organic pesticides, turmeric (Curcuma longa) and neem (Azadirachta indica) against dry fish beetle (Dermestes sp.) during storage condition: Efficiency of organic pesticides against beetle. *Journal of the Bangladesh Agricultural University*, *17*(1), 110-116.

Mahanani, A. U. (2021). Perbandingan tumpukan beras Bulog terhadap populasi kutu beras (Sitophilus oryzae L.) dan mutu beras selama masa simpan di Kabupaten Jayawijaya. *Jurnal Ilmiah Pertanian*, *17*(2), 86-92.

Mabolmbula, B. P., Anoliefo, G. O., Ikhajiagbe, B., & Edegbai, (2023). Eco-morphological ...eem (Azadirachta indica A. Juss) in northern Nigeria. *International ...rnal of Biological Sciences*. Vol. 12(2), 8-16.

... V., Pant, G., Dhulia, I., & Kumar, D. (2011). Azadirachta indica ... review. *J Pharm Res*, *4*(6), 1824-1827.

Okram, S., & Hath, T. K. (2019). Biology of Sitophilus oryzae (L.)(coleoptera: Curculionidae) on stored rice grains during different seasons in Terai agro-ecology of West Bengal. *Int. J. Curr. Microbiol. Appl. Sci*, *8*, 1955-1963.

Oktadiana, I., & Ningsih, V. D. (2020). Aktivitas penolak serangga (Insect Repellent) ekstrak klorofom biji mimba (Azadirachta Indica) terhadap kutu beras (Calandra Oryzae). *Jurnal Farmasi Tinctura*, *1*(2), 55-63.

Oktadiana, I., & Ningsih, V. D. (2020). Aktivitas penolak serangga (Insect Repellent) ekstrak klorofom biji mimba (Azadirachta Indica) terhadap kutu beras (Calandra Oryzae). *Jurnal Farmasi Tinctura*, *1*(2), 55-63.

Patil, S. M., Shirahatti, P. S., & Ramu, R. (2022). *Azadirachta indica* A. Juss (neem) against diabetes mellitus: A critical review on its phytochemistry, pharmacology, and toxicology. *Journal of Pharmacy and Pharmacology*, *74*(5), 681-710.

Quintero, H., Quintero Cortes, J., Plata-Rueda, A., & Martínez, L. C. (2025). Azadirachtin-Mediated Responses in the Maize Weevil, Sitophilus zeamais (Coleoptera: Curculionidae). *Insects*, *16*(3), 294.

Roy, T. K. (2024). Efficacy Assessment of Different Botanicals Against Rice Weevil (Sitophilus Oryzae) in Stored Rice: Efficacy of Botanicals Against Rice Weevil in Stored Rice. *SAARC Journal of Agriculture*, *22*(2), 197-207.

Sudartik, E., & Yusuf, A. C. (2024). Aplikasi Penggunaan Insektisida Nabati Daun Mimba dalam Menekan Penyebaran Hama Kutu Kebul pada Tanaman Cabai di Desa Tompobulu. *Perbal: Jurnal Pertanian Berkelanjutan*, *12*(2), 286-292.

Simatupang, G. M. K., Limanan, D., Ferdinal, F., & Yulianti, E. (2023). Identifikasi fitokimia dan kapasitas total antioksidan daun mimba (Azadirachta indica A. Juss) serta uji toksisitasnya terhadap larva Artemia salina Leach. *Tarumanagara Medical Journal*, *5*(1), 59-66.

Tjitrosoepomo, G., (2005), Taksonomi Tumbuhan (Spermatophyta), UGM-Press, Yogyakarta.

Tambunan, l. r. k. b., djamilah, d., & apriyanto, d. (2024, june). efektivitas bubuk rempah terhadap perkembangan sitophilus oryzae l.(coleoptera: curculionidae) dan kerusakan pada beras. in *prosiding seminar nasional pertanian* (vol. 3, no. 1, pp. 132-142).

Umar, G. N., & Atiku, U. M. (2023). Phytochemical, Metabolite Profile and Antioxidant ıdirachta indica Leaf Extracts from Two Different Locations. *Bayero ɾe and Applied Sciences*, *16*(2), 15-20.

ıinu, P., Tratrat, C., Deb, P. K., Gleiser, R. M., Chandrashekharappa, y, M. A. (2022). 1, 2, 3-Triazolyl-tetrahydropyrimidine conjugates as ol carrier protein-2 inhibitors: Larvicidal activity against the malaria

vector anopheles arabiensis and in silico molecular docking study. *Molecules*, *27*(9), 2676.

Wardani, N. P. I. P., Adiputra, I. G., & Suardana, A. A. K. (2020). Efektivitas Repelensi Serbuk Daun Pandan Wangi (Pandanus amaryllifolius Roxb) Terhadap Kutu Beras (Sitophilus oryzae L) Pada Beras Merah (Oryza nivara). *Jurnal Widya Biologi*, *11*(01), 30-40.

Wang, J., Shi, H., & Lu, A. (2024). Design, Synthesis, and Antifungal/Anti-Oomycete Activities of Novel 1, 2, 4-Triazole Derivatives Containing Carboxamide Fragments. *Journal of Fungi*, *10*(2), 160.

wowor, k., bodhi, w., datu, o., & windah, a. (2022). antidiabetic activity test of bitter gourd extract (momordica charantia) as an inhibitor of î±-glucosidase enzyme by in silico. *pharmacon*, *11*(4).

Yanti, N. N. S., Yuniti, I. G. A. D., & Pratiwi, N. P. E. (2022). Pengaruh Pestisida Nabati Daun Mimba Terhadap Kutu Beras (Sitophilus oryzae L) Pada Beras Lokal. *Agrofarm: Jurnal Agroteknologi*, *1*(01), 1-6.

Yanti, N. N. S., Yuniti, I. G. A. D., & Pratiwi, N. P. E. (2022). Pengaruh Pestisida Nabati Daun Mimba Terhadap Kutu Beras (Sitophilus oryzae L) Pada Beras Lokal. *Agrofarm: Jurnal Agroteknologi*, *1*(01), 1-6.

Zhao, F., Liu, Y., Qin, Z., Wu, Y., Xiao, Y., & Li, J. Q. (2022). Synthesis and insecticidal activity of novel 1, 2, 4-triazole containing amidine moiety. *Journal of Heterocyclic Chemistry*, *59*(10), 1723-1735.

Ziaee, M., Sheikhzadeh Takabi, A., & Ebadollahi, A. (2023). Fabrication of Carum copticum essential oil–loaded chitosan nanoparticles and evaluation its insecticidal activity for controlling Rhyzopertha dominica and Tribolium confusum. *Frontiers in Plant Science*, *14*, 1187616.