

DAFTAR PUSTAKA

- Al-Dubai, S. A. R. *et al.* (2013) 'Factors affecting dengue fever knowledge, attitudes and practices among selected urban, semi-urban and rural communities in Malaysia', *Southeast Asian Journal of Tropical Medicine and Public Health*, 44(1), pp. 37–49.
- Almasshabur (2017) *4 Cara Menanam Gamal untuk Pakan Ternak Alami, Ilmubudidaya*. Available at: <https://ilmubudidaya.com/cara-menanam-gamal> (Accessed: 20 June 2020).
- Alvarez, M. R., Heralde, F. and Quiming, N. (2016) 'Screening for larvicidal activity of ethanolic and aqueous extracts of selected plants against *Aedes aegypti* and *Aedes albopictus* larvae', *Journal of Coastal Life Medicine*, 4(2), pp. 143–147. doi: 10.12980/jclm.4.2016j5-242.
- Ananda, S. (2009) *Pengaruh Suhu, Kaporit, pH Terhadap Pertumbuhan Cendawan Entomopatogen Transgenik Aspergillus niger-GFP dan Patogenisitasnya Pada Larva Nyamuk Aedes aegypti*. Bogor: Institute Pertanian Bogor.
- Antonio, M. C. T., Antoy, A. R. M. and Lumogda, J. M. (2014) *Larvicidal Effect of Madre De Cacao (Gliricidia sepium) Leaf Extract on Household Mosquito (Culex pipiens)*. Available at: <http://chzarmyn.blogspot.com/2014/03/larvicidal-effect-of-madre-de-cacao.html#:~:text=The study showed that 50,came out only as effective.>
- Astriani, Y. and Widawati, M. (2016) 'Potensi Tanaman di Indonesia Sebagai Larvasida Alami untuk *Aedes aegypti*', *SPIRAKEL*, 8(2), pp. 37–46.
- Astuti, F. D. and Hastuti, I. (2017) 'Deteksi Resistensi Pada *Aedes aegypti* Dengan Pengujian Enzim Esterase Non Spesifik', *The 5th URECOL Proceeding*, pp. 388–391.
- Boesri, H. *et al.* (2015) 'Uji Toksisitas Beberapa Ekstrak Tanaman Terhadap Larva *Aedes aegypti* Vektor Demam Berdarah Dengue', *Vektora : Jurnal Vektor dan Reservoir Penyakit*, 7(1), pp. 29–38. doi: 10.22435/vk.v7i1.4258.29-38.
- Candra, A. (2010) 'Demam Berdarah Dengue: Epidemiologi, Patogenesis, dan Faktor Risiko Penularan', *Aspirator*, 2(2), pp. 110–119.
- Cania, E. and Setyaningrum, E. (2013) 'Uji Efektivitas Larvasida Ekstrak Daun Legundi (*Vitex trifolia*) Terhadap Larva *Aedes aegypti*', *Medical Journal of Lampung University*, 2(4), pp. 52–60.
- CDC (2020) *Life Cycle of Aedes aegypti and Ae. albopictus Mosquitoes*, CDC. Available at: <https://www.cdc.gov/mosquitoes/about/life-cycles/aedes.html> (Accessed: 19 June 2020).
- Corpuz, A. V and Savella, M. R. (2019) 'Larvicidal Activity of Papaya (*Carica papaya*) and Madre de Cacao (*Gliricidia sepium*) Leaf Ex-tracts Against *Aedes aegypti*', *International Journal of Scientific & Engineering Research*, 10(10), pp. 1710–1716.
- Cruz, M. and Cui-Lim, K. (2016) 'Phytochemical screening of ethanol extract of (Jacq.) Steud *Gliricidia sepium*', *Asian Journal of Pharmacy and Pharmacology*, 2(6),

pp. 150–153.

- Das, M. and Dutta, P. (2014) ‘Status of insecticide resistance and detoxifying enzyme activity of *Aedes albopictus* population in Sonitpur district of Assam, India’, *SInternational Journal of Mosquito Research*, 1(4), pp. 35–41.
- Dinata, A. (2008) ‘Ekstrak Kulit Jengkol Atasi Jentik DBD’, *Inside*, III(02), pp. 59–66.
- Dono, D. *et al.* (2010) ‘Status dan Mekanisme Resistensi Biokimia *Crocidolomia pavonana* (F.) (Lepidoptera: Crambidae) terhadap Insektisida Organofosfat serta Kepekaannya terhadap Insektisida Botani Ekstrak Biji *Barringtonia asiatica*’, *J. Entomol. Indon.*, 7(1), pp. 9–27. doi: 10.5994/jei.7.1.9.
- Elevitch, C. R. and Francis, J. K. (2006) ‘*Gliricidia sepium* (Gliricidia)’, *Species Profiles for Pacific Island Agroforestry*, 2(1), pp. 1–18. Available at: <http://www.traditionaltree.org>.
- EPHI (2017) *Guidline for Efficacy Testing of Mosquitoes Larvicides at Laboratory and Field Condition*. Addis Ababa: Ethiopian Public Health Institute.
- George, S. (2018) ‘Larvicidal Activity of Various Extracts of Selected Plants Against the Dengue Vector Larvae’, *International Journal of Current Pharmaceutical Review and Research*, 9(5), pp. 67–70.
- Govindarajan, M., Jebanesan, A. and Pushpanathan, T. (2008) ‘Larvicidal and ovicidal activity of *Cassia fistula* Linn. leaf extract against filarial and malarial vector mosquitoes’, *Parasitology Research*, 102(2), pp. 289–292. doi: 10.1007/s00436-007-0761-y.
- Goyal, M., Shinde, L. and Bayas, R. (2019) ‘Study of chemical composition and larvicidal efficacy of secondary metabolites from aromatic phytoextracts against dengue vector: *Aedes aegypti* (Linn) (Diptera: Culicidae)’, *International Journal of Mosquito Research*, 6(1), pp. 26–33.
- Hematpoor, A. *et al.* (2016) ‘Inhibition and larvicidal activity of phenylpropanoids from *piper sarmentosum* on acetylcholinesterase against mosquito vectors and their binding mode of interaction’, *PLoS ONE*, 11(5), pp. 1–27. doi: 10.1371/journal.pone.0155265.
- Iswidaty, T., Martini, M. and Widiastuti, D. (2016) ‘Status Resistensi Nyamuk *Aedes aegypti* Terhadap Malathion 0,8% di Area Perimeter dan Buffer Pelabuhan Tanjung Emas Semarang (Pengujian Berdasarkan Teknik Bioassay dan Biokimia)’, *Jurnal Kesehatan Masyarakat (e-Journal)*, 4(1), pp. 211–217.
- Kedia, A. *et al.* (2015) ‘Botanicals as eco friendly biorational alternatives of synthetic pesticides against *Callosobruchus* spp. (Coleoptera: Bruchidae)—a review’, *Journal of Food Science and Technology*, 52(3), pp. 1239–1257. doi: 10.1007/s13197-013-1167-8.
- Kemenkes (2018) *InfoDatin-Situasi-Demam-Berdarah-Dengue.pdf*. Jakarta.
- Kishore, N. *et al.* (2014) ‘Natural products as leads to potential mosquitocides’, *Phytochemistry Reviews*, 13(3), pp. 587–627. doi: 10.1007/s11101-013-9316-2.
- Krishnappa, K., Dhanasekaran, S. and Elumalai, K. (2012) ‘Larvicidal , ovicidal and pupicidal activities of *Gliricidia sepium* (Jacq .) (Leguminosae) against the

- malarial vector , *Anopheles stephensi* Liston (Culicidae: Diptera)', *Asian Pacific Journal of Tropical Medicine*, 5(8), pp. 598–604. doi: 10.1016/S1995-7645(12)60124-2.
- Krishnaveni, K. V, Nayaki, R. T. and Balasubramanian, M. (2015) 'Effect of *Gliricidia sepium* leaves extracts on *Aedes aegypti*: Larvicidal activity', *Journal of Phytology*, 7, pp. 26–31. doi: 10.19071/jp.2015.v7.2898.
- Krisnakai (2019) *Klasifikasi dan Morfologi Gamal (Gliricidia sepium)*, *Buku Teori*. Available at: <https://bukuteori.com/2019/08/15/klasifikasi-dan-morfologi-gamal-gliricidia-sepium>.
- Lumowa, S. V. T., Maria, V. and Rambitan, M. (2017) 'Analisis Kandungan Kimia Daun Gamal (*Gliricidia sepium*) dan Kulit Buah Nanas (*Ananas comosus* L.) Sebagai Bahan Baku Pestisida Nabati', *Prosiding Seminar Nasional Kimia*, pp. 170–175.
- Mathew, J. J. *et al.* (2015) 'Larvicidal Activity of *Gliricidia sepium* Leaf Extracts on Mosquito Larvae and Its Lethal Effect on NonTargeted Organisms', *CIBTech Journal of Biotechnology*, 4(2), pp. 13–19.
- Mayasari, D., Purbajanti, E. . and Sutarno (2012) 'Kualitas Hijauan Gamal (*Gliricidia sepium*) Yang Diberi Pupuk Organik Cair (POC) Dengan Dosis Berbeda', *Animal Agriculture Journal*, 1(2), pp. 293–301.
- Mulyaningsih, B., Umniyati, S. R. and Hadianto, T. (2017) 'Detection of Nonspecific Esterase activity in Organophosphate Resistant Strain of *Aedes albopictus* Skuse (Diptera: Culicidae) Larvae in Yogyakarta, Indonesia', *Southeast Asian J Trop Med Public Health*, 48(3), pp. 552–560.
- Nazri, C., Hassan, A. and Abu Yazid, A. (2013) 'Utilization of Geoinformation Tools for Dengue Control Management Strategy: A Case Study in Seberang Prai, Penang Malaysia', *International Journal of Remote Sensing Applications*, 3(1). Available at: www.ijrsa.org.
- Novita, I. B. *et al.* (2019) 'Aedes aegypti vector resistance status on malation and activity of non specific esterification enzymes in Tembalang district, Semarang city', *Jurnal Kedokteran dan Kesehatan Indonesia Indonesian*, 10(3), pp. 215–221. doi: 10.20885/JKKI.Vol10.Iss3.art3.
- Olayemi, I. *et al.* (2010) 'Distribution of Mosquito Larvae in Relation to Physico-chemical Characteristics of Breeding Habitats in Minna, North Central Nigeria', *Review in Infection*, 1(1), pp. 49–53.
- Reddy, L. J. and Jose, B. (2010) 'Evaluation of Antibacterial Activity of The Bark, Flower, and Leaf Extracts of *Gliricidia sepium* From South India', *International Journal of Current Pharmaceutical Research*, 2(3), pp. 18–20.
- Rodriguez, M. M., Bisset, J. and Hernandez, H. (2013) 'Partial characterization of esterase activity in a temephos-resistant *Aedes aegypti* strain', *Revista Cubana de Medicina Tropical*, 64(3), pp. 256–267.
- Soenjono, S. J. (2011) 'Status Kerentanan Nyamuk *Aedes* sp.(Diptera: Culicidae) Terhadap Malation dan Aktivitas Enzim Esterase Non Spesifik Di Wilayah Kerja Kantor Kesehatan Pelabuhan Bandar Udara Sam Ratulangi Manado', *JKL*,

- 1(1), pp. 1–6. Available at: <https://www.neliti.com/publications/104875/status-kerentanan-nyamuk-aedes-sp-dipteraculicidae-terhadap-malation-dan-aktivit>.
- Stuart Jr, G. U. (2018) *Kakawate*, www.stuartexchange.org. Available at: <http://www.stuartexchange.org/Kakawati.html>.
- Sunaryo *et al.* (2014) ‘Status Resistensi Vektor Demam Berdarah Dengue (*Aedes aegypti*) Terhadap Malathion 0,8% dan Permethrin 0,25% di Provinsi Jawa Tengah’, *Jurnal Ekologi Kesehatan*, 13(2), pp. 146–152.
- Suryawanshi, R. K. *et al.* (2015) ‘Mosquito larvicidal and pupaecidal potential of prodigiosin from *Serratia marcescens* and understanding its mechanism of action’, *Pesticide Biochemistry and Physiology*, pp. 1–16. doi: 10.1016/j.pestbp.2015.01.018.
- Suyanto, Darnoto, S. and Astuti, D. (2011) ‘Hubungan Pengetahuan Dan Sikap Dengan Praktek Pengendalian Nyamuk *Aedes aegypti* di Kelurahan Sangkrah Kecamatan Pasar Kliwon Kota Surakarta’, *Jurnal Kesehatan*, 4(1), pp. 1–13.
- Tikar, S. N. *et al.* (2008) ‘Susceptibility of immature stages of *Aedes* (*Stegomyia*) *aegypti*; vector of dengue and chikungunya to insecticides from India’, *Parasitology Research*, 102(5), pp. 907–913. doi: 10.1007/s00436-007-0848-5.
- Tomia, A., Hadi, U. K. and Retnani, E. B. (2019) ‘The Detection of *Aedes Aegypti* Mosquito Resistance With Biochemical Test Based on Non-specific Esterase Enzyme Activity and Monooksigenase Enzyme in Ternate City’, *Journal of Physics: Conference Series*, 1364(2019), pp. 1–6. doi: 10.1088/1742-6596/1364/1/012014.
- Umadevi and Jaleel, A. (2020) ‘Larvicidal Activity of Essential Oil of *Gliricidia Sepium* Leaf’, *International Journal of Current Pharmaceutical Research*, 12(1), pp. 26–27. doi: 10.22159/ijcpr.2020v12i1.36827.
- Utami, W. W., Ahmad, A. R. and Malik, A. (2016) ‘Uji Aktivitas Larvasida Ekstrak Daun Jarak Kepyar (*Ricinus communis* L.) Terhadap Larva Nyamuk *Aedes aegypti*’, *Jurnal Fitofarmaka Indonesia*, 3(1), pp. 141–145.
- Uthai, U. L., Rattanapreechachai, P. and Chowanadisai, L. (2011) ‘Bioassay and Effective Concentration of Temephos Against *Aedes aegypti* Larvae and the Adverse Effect Upon Indigenous Predators: *Toxorhynchites splendens* and *Micronecta* sp.’, *Asia Journal of Public Health*, 2(2), pp. 67–77.
- Wahyuanasari, I. T. (2019) *Waspada Demam Berdarah Dengue (DBD) Pada Saat Musim Hujan*. Semarang.
- WHO (2005) *Guidlines for Laboratory and Field Testing of Mosquito Larvicides*. Geneva: World Health Organization.
- WHO (2016) *Test procedures for insecticide resistance monitoring in malaria vector mosquitoes Second edition*. Geneva.
- Wikipedia (2020) *Gamal*, *Wikipedia*. Available at: <https://id.wikipedia.org/wiki/Gamal> (Accessed: 20 June 2020).
- Winata, N. A. S. H., Karno and Sutarno (2012) ‘Pertumbuhan Dan Produksi Hijauan Gamal (*Gliricidia sepium*) Dengan Berbagai Dosis Pupuk Organik Cair’, *Animal*

Agriculture, 1(1), pp. 797–807.

