



REFERENCE

- Antonio-Arreola, G.E., Lopez-Bello, R., Romero-Moreno, D.K., Sanchez, D. (2011). Laboratory and field evaluation of the effects of the neonicotinoid imidacloprid on the oviposition response of *Aedes (Stegomyia) aegypti* Linnaeus (Diptera: Culicidae). *The Memorias do Instituto Oswaldo Cruz*, 106(8), pp. 997-1001.
- Aranda, C., Eritja, R., Roiz, D. (2006). First record and establishment of the mosquito *Aedes albopictus* in Spain. *Medical and Veterinary Entomology*, 20(1), pp. 150-2.
- Australian Government Department of Health. (2010). *7 types of pesticides and how they enter animals and plants*. [online] Available at URL: <http://www.health.gov.au/internet/publications/publishing.nsf/Content/ohp-enhealth-manual-atsi-cnt-l~ohp-enhealth-manual-atsi-cnt-l-ch5~ohp-enhealth-manual-atsi-cnt-l-ch5.7>
- Baselt, R. (2008). Disposition of toxic drugs and chemicals in man. 8th edition. Biomedical Publications, Foster City, CA, pp. 764-765
- California Environmental Protection Agency. (2006). *Imidacloprid: Risk Characterisation Document – Dietary and Drinking Water Exposure*. [online] Available at: <http://www.cdpr.ca.gov/docs/risk/rcd/imidacloprid.pdf> [Accessed 3 April 2018]
- Centers for Disease Control and Prevention. (2012). *Comparison Dengue Vectors*. [online] Available at: <https://www.cdc.gov/dengue/resources/30jan2012/comparisondenguevector s.pdf> [Accessed 3 April 2018]
- Centers for Disease Control and Prevention. (2012). *Dengue and the Aedes albopictus mosquito*. [online] Available at: <https://www.cdc.gov/dengue/resources/30jan2012/albopictusfactsheet.pdf> [Accessed 3 April 2018]
- Chen, L.H., Hamer, D.H. (2016). Zika Virus: Rapid Spread in the Western Hemisphere. *Annals of Internal Medicine*, 164, pp. 613
- Christophers, S. R. 1960. *Aedes aegypti* (L.) the yellow fever mosquito: its life history, bionomics and structure. *Cambridge University Press*. Cambridge
- Colorado State University. (2015). *Over-the-counter Insecticides for Home, Yard, and Garden Use 2015 Survey, Fort Collins, Colorado*. [online] Available at: <https://bspm.agsci.colostate.edu/files/2013/01/Insecticides-Trade-Names-2015-Survey-Final.pdf> [Accessed 3 April 2018]
- Conops. (2013). *Morphology and biology of the Asian tiger mosquito*. [online] Available at: <http://www.conops.gr/morphology-and-biology-of-the-asian-tiger-mosquito/?lang=en> [Accessed 3 April 2018]



- Corbel, V., Duchon, S., Zaim, M., Hougard, J. (2004). Dinotefuran: A Potential Neonicotinoid Insecticide against Resistant Mosquitoes. *Journal of Medical Entomology*, 41(4), pp. 712-717
- Crans, W. J. (2014). *Aedes albopictus (Skuse)*. Rutgers New Jersey Agricultural Experiment Station, Center for Vector Biology. [online] available at URL: <http://vectorbio.rutgers.edu/outreach/species/albo.htm>
- Deerman, H. Photograph of “*Aedes albopictus* pupae - *Aedes albopictus*”. Bug Guide. 2017. [online] available at URL: <https://bugguide.net/node/view/1465211>
- European Centre for Disease Prevention and Control. (2009). *Development of Aedes albopictus risk maps*. [online] available at: https://ecdc.europa.eu/sites/portal/files/media/en/publications/Publications/0905_TER_Development_of_Aedes_Albo pictus_Risk_Maps.pdf [Accessed 3 April 2018]
- European Centre for Disease Prevention and Control. (2016). *Aedes albopictus – Factsheet for experts*. [online] available at: <https://ecdc.europa.eu/en/disease-vectors/facts/mosquito-factsheets/aedes-albopictus> [Accessed 3 April 2018]
- European Health and Safety Executive. *Efficacy requirements for the approval of new pesticides active substances*. [online] available at URL: <https://www.efsa.europa.eu/sites/default/files/assets/121107-p37.pdf>
- Farajollahi, A., Price, D. C., (2013). A rapid identification guide for larvae of the most common north American container-inhabiting Aedes species of medical importance. *Journal of the American Mosquito Control Association*, 29(3):203-221
- Gathany, J. Photograph of “Asian tiger mosquito, *Aedes albopictus*, beginning its blood meal” Public Health Image Library (PHIL) Centers for Disease Control and Prevention. 2002. [online] available at URL: <https://phil.cdc.gov/Details.aspx?pid=2165>
- Gatt, P., Deeming, J.C., Schaffner, F. (2009). First records of *Aedes* (*Stegomyia*) *albopictus* (Skuse) (Diptera: Culicidae) in Malta. *European Mosquito Bulletin*, 27, pp. 56-64
- Gervais, J. A., Luukinen, B., Buhl, K., Stone, D. (2010). Imidacloprid Technical Fact Sheet. *National Pesticide Information Center*. [online] Available at: <http://npic.orst.edu/factsheets/archive/imidacloprid.html> [Accessed 3 April 2018]
- Hamid, P.H., Prastowo, J., Ghiffari, A., Taubert, A., Hermosilla, C. (2017). *Aedes aegypti* resistance development to commonly used insecticides in Jakarta, Indonesia. *Public Library of Science ONE*, 12(12), e0189680.



- Harbach, R. (2010). Mosquito Taxonomic Inventory. [online] Available at URL: <http://mosquito-taxonomic-inventory.info/simpletaxonomy/term/6555>
- Hartman, K. (2011). *Aedes albopictus*. [online] Available at: http://animaldiversity.org/accounts/Aedes_albopictus/ [Accessed March 28, 2018]
- Hawley, W.A. (1988). The biology of *Aedes albopictus*. *Journal of the American Mosquito Control Association* 1988; 1, pp. 1-40
- Hendri, J., Kusnandar, A.J., Astuti, E.P. (2016). Identifikasi Jenis Bahan Aktif dan Penggunaan Insektisida Antinyamuk serta Kerentanan Vektor DBD terhadap Organofosfat pada Tiga Kota Endemis DBD di Provinsi Banten. *Aspirator* 2016; 8(2), pp. 77-86
- Herms, D.A. (2009). Insecticide options for protecting ash trees from emerald ash borer. North Central IPM Center Bulletin.
- Invasive Species Specialist Group. (2009). *Global Invasive Species Database – Aedes albopictus*. [online] available at: <http://www.issg.org/database/species/ecology.asp?si=109&fr=1&sts=sss&lang=EN> [Accessed March 28, 2018]
- Kementerian Kesehatan Republik Indonesia. (2018). *Data dan Informasi Profil Kesehatan Indonesia 2017*. [online] available at URL: http://www.pusdatin.kemkes.go.id/resources/download/pusdatin/profil-kesehatan-indonesia/Data-dan-Informasi_Profil-Kesehatan-Indonesia-2017.pdf
- Kimura-Kuroda, J., Komuta, Y., Kuroda, Y., Hayashi, M., Kawano, H. (2012). Nicotine-like effects of the neonicotinoid insecticides acetamiprid and imidacloprid on cerebellar neurons from neonatal rats. *Public Library of Science ONE*, 7(2), e32432
- Kraemer, M., Sinka, M., Duda, K., Mylne, A., Shearer, F., Barker, C., Moore, C., Carvalho, R., Coelho, G., Van Bortel, W., Hendrickx, G., Schaffner, F., Elyazar, I., Teng, H., Brady, O., Messina, J., Pigott, D., Scott, T., Smith, D., Wint, G., Golding, N. and Hay, S. (2015). The global distribution of the arbovirus vectors *Aedes aegypti* and *Ae. albopictus*. *eLife Ecology, Epidemiology and Global Health*.
- Liu, Z., Zhou, T., Lai, Z., Zhang, Z., Jia, Z., Zhou, G., et al. (2017). Competence of *Aedes aegypti*, *Ae. albopictus*, and *Culex quinquefasciatus* Mosquitoes as Zika Virus Vectors. *Emerging Infectious Diseases*, 23(7), pp. 1085-1091.
- Madon, M.B., Mulla, M.S., Shaw, M.W., Klugh, S., Hazelrigg, J.E. (2002). Introduction of *Aedes albopictus* (Skuse) in southern California and potential for its establishment. *Journal of Vector Ecology*, 27(1), pp. 149-54



- Medlock, J.M. et al. (2006). Analysis of the potential for survival and seasonal activity of *Aedes albopictus* (Diptera: Culicidae) in the United Kingdom. *Journal of Vector Ecology*, 31(2), pp. 292-304
- National Environmental Agency Singapore. (2018). *Wolbachia-Aedes Mosquito Suppression Strategy*. [online] available at URL: <https://www.nea.gov.sg/corporate-functions/resources/research/wolbachia-aedes-mosquito-suppression-strategy/not-all-mosquitoes-transmit-dengue>
- Oklahoma State University. (2018). *General Mosquito Biology - Entomology and Plant Pathology*. [online] available at URL: <http://entoplpl.okstate.edu/mosquito/biology/>
- Papathanos, P. A., Bossin, H. C., Benedict, M. Q., Catteruccia, F., Malcolm, C. A., Alphey, L., Crisanti, A. (2009). Sex separation strategies: past experience and new approaches. *Malaria Journal* 2009; 8(Suppl 2): S5
- Paupy, C., Delatte, H., Bagny, L., Corbel, V., Fontenille, D. (2009). *Aedes albopictus*, an arbovirus vector: from the darkness to the light. *Microbes Infect*, 11(14-15), pp. 1177-85.
- Quinn, M. Photograph of “*Aedes albopictus* (Skuse) - *Aedes albopictus* - ♂” Bug Guide. 2016. [online] available at URL: <https://bugguide.net/node/view/1179724>
- Romi, R., Severini, F., Toma, L. (2006). Cold acclimation and overwintering of female *Aedes albopictus* in Roma. *Journal of the American Mosquito Control Association*, 22(1), pp. 149-51.
- Sapiro, R. K. (2018). Neonicotinoid insecticide’s efficacy toward *Culex quinquefasciatus* (Diptera: Culicidae). *Thesis paper*. Faculty of Medicine, Public Health, and Nursing. Universitas Gadjah Mada. Yogyakarta
- Tiffany, T. (2018). Toxicity of neonicotinoid insecticides against *Aedes aegypti* mosquito (Diphtera: Culicidae). *Thesis paper*. Faculty of Medicine, Public Health, and Nursing. Universitas Gadjah Mada. Yogyakarta
- Tomizawa, M., Casida, J.E. (2003). Selective toxicity of neonicotinoids attributable to specificity of insect and mammalian nicotinic receptors. *Annual Review of Entomology* 48, pp. 339-364
- Tomizawa, M., Casida, J.E. (2005). Neonicotinoid insecticide toxicology: mechanisms of selective action. *Annual Review of Pharmacology and Toxicology*, 45, pp. 247-68
- University of Florida. (2004). *Asian Tiger Mosquito*. [online] available at URL: http://entnemdept.ufl.edu/creatures/aquatic/asian_tiger.htm
- University of Nebraska-Lincoln. *Urban Entomology - Mosquito Update*. [online] available at URL: <https://entomology.unl.edu/urbanent/mosquito.shtml>



Uragayala, S., Verma, V., Natarajan, E., Velamuri, P. S., & Kamaraju, R. (2015).

Adulticidal & larvicidal efficacy of three neonicotinoids against insecticide susceptible & resistant mosquito strains. *The Indian Journal of Medical Research* 2015; 1(142), pp. S64–S70

World Health Organisation. (1995). Guidelines for Dengue Surveillance and Mosquito Control. [online] available at URL: http://apps.who.int/iris/bitstream/handle/10665/207027/9290611383_eng.pdf?sequence=1&isAllowed=y

World Health Organization. (2005). *Guidelines for Laboratory and Field Testing of Mosquito Larvicides*. [online] WHO/CDS/WHOPES/GCDPP/2005.13

World Health Organization. (2009). *The WHO Recommended Classification of Pesticides by Hazard*. [online] available at URL: http://www.who.int/ipcs/publications/pesticides_hazard_2009.pdf

World Health Organization. (2016). *Test procedures for insecticide monitoring in malaria vector mosquitoes*. [online] available at URL: <http://apps.who.int/iris/bitstream/handle/10665/250677/9789241511575-eng.pdf?sequence=1>

Yamamoto, I. (1999). Nicotin to Nicotinoids: 1962 to 1997. *Springer-Verlag* pp. 3-27.