

## BIBLIOGRAPHY

- Aubert, B. 1987. *Trioza erytreae* Del Guercio and *Diaphorina citri* Kuwayama (Homoptera: Psylloidea), the two vectors of Citrus Greening Disease: Biological aspects and possible control strategies. *Fruits*, 42(3), 149–162.
- Beattie, G. A. C., P. Holford, D. J. Mabberley, A. M. Haigh, R. Bayer, and P. Broadbent. 2006. Aspects and insights of Australia–Asia collaborative research on huanglongbing. Proc. Int. Workshop for Prevention of Citrus Greening Disease in Severely Infected Areas. Tokyo, Japan, pp. 47–64.
- Beyaert, I., & Hilker, M. (2014). Plant odour plumes as mediators of plant-insect interactions. *Biological reviews of the Cambridge Philosophical Society*, 89(1), 68–81.
- Butterworth J. H., and E. D. Morgan. 1968. Isolation of a substance that suppresses feeding in locusts. *J. Chem. Soc. Chem. Commun.* 1968: 23-24.
- Cantore, V., Pacea, B., Albrizio, R. 2009. Kaolin-based particle film technology affects tomato physiology, yield and quality. *Environmental and Experimental Botany*, 66, 279–288
- Coll, M., & Bottrell, D. G. 1994. Effects of Nonhost Plant on an Insect Herbivore in Diverse Habitats. In *Source: Ecology* (Vol. 75, Issue 3). <http://www.jstor.org/stable/1941730>
- Ditlin Horti. Direktorat Perlindungan Hortikultura. 2020. *Kutu Loncat*. <http://ditlin.hortikultura.pertanian.go.id/index.php/page/index/opt-buah-jeruk-kutu-loncat/Buah/Jeruk>, accessed on July 21, 2021.
- Dwiastuti ME., Anang T., Otto E., Wuryantini S., & Yunimar. 2011. Panduan Teknis: *Pengenalan dan Pengendalian Hama dan Penyakit Tanaman Jeruk*. Batu: Balai Penelitian Tanaman Jeruk dan Buah Subtropika. Badan Litbang Pertanian.
- Erickson, A. A., Bell, S. S., & Dawes, C. J. 2012. Associational resistance protects mangrove leaves from crab herbivory. *Acta Oecologica*, 41, 46–57. <https://doi.org/10.1016/j.actao.2012.04.002>
- G Jiregna , SJE Wand. 2005. Comparative effects of evaporative cooling, kaolin particle film and shade net on sunburn and fruit quality in apples. *Hort-Science* 40(3): 592–596
- George, J., Robbins, P.S., Alessandro, R.T., Stelinski, L.L. and Lapointe, S.L., 2016. Formic and acetic acids in degradation products of plant volatiles

- elicit olfactory and behavioral responses from an insect vector. *Chemical Senses*, 41(4), pp.325-338.
- GJ Puterka , DM Glenn , DG Sekatowski , TR Unruh , SK Jones. 2000. Progress towards liquid formulations of particle films for insect and disease control in pear. *Environmental Entomology* 29: 329–339
- Glenn, DM., Puterka, G., Vanderzwet, T., Bryers, T., Feldhake, C. 1999. Hydrophobic particle films: a new paradigm for the suppression of arthropod pests and plant diseases. *Journal of Economic Entomology* 92: 751–771.
- Halbert, S., & Keremane, M. 2004. Asian citrus psyllids (Sternorrhyncha: Psyllidae) and greening disease of citrus: A literature review and assessment of risk in Florida Epidemiology of citrus huanglongbing (citrus greening) View project. *Florida Entomologist*, 87(3), 330–353. <https://www.researchgate.net/publication/280019148>
- Hall, D.G., Lapointe, S.L., Wenninger, E.J., 2007. Effects of a particle film on biology and behavior of *Diaphorina citri* (Hemiptera: Psyllidae) and its infestations in citrus. *J. Econ. Entomol.* 100, 847–854.
- Hasanuzzaman, A.T.M., Islam, M.N., Zhang, Y., Zhang, C.Y., Liu, T.X., 2016. Leaf morphological characters can be a factor for intra-varietal preference of whitefly *Bemisia tabaci* (Hemiptera: Aleyrodidae) among eggplant varieties. *PLoS One* 11, e0153880.
- Isman MB, 2000. Plant essential oils for pest and disease management. *Crop Prot.* 19, 603–608.
- Isman, M. B. 1999. Neem and related natural products, pp. 139-153 In F. R. Hall and J. J. Menn [eds.], *Biopesticides: Use and Delivery*. Humana Press, Totowa, NJ.
- Johnston, N., Martini, X., 2020. The influence of visual and olfactory cues in host selection for *Bemisia tabaci* biotype b in the presence or absence of tomato yellow leaf curl virus. *Insects* 11, 115.
- Johnston, Nicholas & Paris, Thomson & Paret, Matthews & Freeman, Josh & Martini, Xavier. (2022). Repelling whitefly (*Bemisia tabaci*) using limonene-scented kaolin: A novel pest management strategy. *Crop Protection*. 154. 105905. 10.1016/j.cropro.2022.105905.
- Kim, K.D., 2013. *Integrated Management of Asian Citrus Psyllid, Diaphorina Citri Kuwayama, for Protecting Young Citrus Trees from Huanglongbing*. University of Florida PhD Diss.

- Lowery, D. T., And M. B. Isman. 1995. Toxicity Of Neem To Natural Enemies Of Aphids. *Phytoparasitica* 23: 297-306
- Manandhar, R., Hooks, C. R. R., & Wright, M. G. 2009. Influence of Cover Crop and Intercrop Systems on *Bemisia argentifolli* (Hemiptera: Aleyrodidae) Infestation and Associated Squash Silverleaf Disorder in Zucchini. *Environ. Entomol.*, 38, 442–449. <https://academic.oup.com/ee/article/38/2/442/525668>
- Mann RS, Ali JG, Hermann SL, Tiwari S, Pelz-Stelinski KS, Alborn HT, & Stelinski LL. 2012. Induced release of a plant-defense volatile ‘deceptively’ attracts insect vectors to plants infected with a bacterial pathogen. *Plos Pathogens*. <https://journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.1002610>, accessed on July 29, 2021 at 08.54 pm.
- Mann, Rajinder & Tiwari, Siddharth & Smoot, J.M. & Rouseff, R.L. & Stelinski, Lukasz. 2012. Repellency and toxicity of plant-based essential oils and their constituents against *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae). *Journal of Applied Entomology*. 136. 87 - 96. 10.1111/j.1439-0418.2010.01592.x.
- Mardiah, Z & Sudarmaji. 2012. Identifikasi Komponen Volatile Tanaman Padi Fase Bunting dan Matang Susu sebagai Pakan Alami yang Disukai Tikus Sawah. *Penelitian Pertanian Tanaman Pangan*, 31: 100-107.
- Marlina, M., Mapegau, M. and Hayati, I., 2022. Penularan Patogen CVPD Melalui Vektor *D. citri* Stadia Imago dan Nimfa pada Bibit Jeruk Rough Lemon dan Siem. *Biospecies*, 15(1), pp.43-38.
- Martinsyah, RH, F. Ekawati, D. Hariandi, Obel, N. Ramadhan, & I. Suliansyah. 2019. Sadar Efek Pestisida Kimia Sintentik, Pakailah Pestisida Nabati Ekstrak Daun Sirsak, Kendalikan Hama pada Tanaman Cabai. Berita Online. <https://www.tribunsumbar.com/sadar-efek-pestisida-kimia-sintentik-pakailah-pestisida-nabati-ekstrak-daun-sirsak-kendalikan-hama-pada-tanaman-cabai/> accessed on September 1, 2021 at 10.48 pm.
- Mazzonetto F., 2002.- Efeito de genótipos de feijoeiro e de pós origem vegetal sobre Zabrotes subfasciatus (Boh.) e Acanthoscelides obtectus (Say) (Col. Bruchidae). 134 pp., *Tesis Doctor en Ciencias. Universidad de Sao Paulo, Piracicaba, Sao Paulo, Brasil*
- Miranda, M. P., Eduardo, W. I., Tomaseto, A. F., Volpe, H. X. L., & Bachmann, L. 2021. Frequency of processed kaolin application to prevent *Diaphorina citri* infestation and dispersal in flushing citrus orchards. *Pest management science*, 77(12), 5396–5406. <https://doi.org/10.1002/ps.6579>

- Miresmailli S, Isman MB. 2006. Efficacy and persistenceof rosemary oil as an acaricide against two spotted spi-der mite (Acari: Tetranychidae) on greenhouse tomato. *J. Econ. Entomol.* 99, 2015–2023.
- Mordue (Luntz), A. J., M. S. J. Simmonds, S. V. Ley, W. M. Blaney, W. Mordue, M. Nasiruddin, and A. J. Nisbet. 1998. Actions Of Azadirachtin, A Plant Allelochemical, Against Insects. *Pesticide Science* 54: 277-284.
- Naumann, K., and M. B. Isman. 1996. Toxicity Of Neem (*Azadirachta Indica* A. Juss.) Seed Extracts To Larval Honeybees and Estimation of Dangers From Field Application. *Am. Bee J.* 136: 518-520.
- Oikawa, P.Y. and Lerdau, M.T., 2013. Catabolism of volatile organic compounds influences plant survival. *Trends in plant science*, 18(12), pp.695-703.
- Poerwanto, ME & Brotodjojo, RR. 2011. Respon Parasitoid Generalis *Trichoderma japonicum* terhadap Senyawa Volatile yang Dihasilkan Tanaman Jeruk. Prosiding Strategi Redukasi dan Adaptasi Perubahan Iklim dalam Bidang Pertanian. Yogyakarta, 29 Oktober 2011. 19-28.
- Poerwanto, ME. 2010. The Impact of Mineral Oils to the Feeding and Oviposition Behavior of *Diaphorina citri* Kuwayama. *Disertation*. Gadjah Mada University. 110 pp.
- Poerwanto, ME., Trisyono YA., Subandiyah S., & Martono E., 2012. Olfactory Responses of the Asiatic Citrus Psyllid (*Diaphorina citri*) to Mineral Oil-Treated Mandarin Leaves. *American Jurnal of Agricultural and Biological Sciences*, 7: 50-55.
- Poerwanto, ME., Trisyono YA., Subandiyah S., Martono E., Holfod P., & Beattie GAS. 2008. Effects of Mineral Oils on Host Selection Behavior of *Diaphorina citri*. *Jurnal Perlindungan Tanaman Indonesia*, 14: 23-28.
- Runia, Y.A. 2008. Faktor-Faktor yang Berhubungan Dengan Keracunan Pestisida Organofosfat, Karbamat, dan Kejadian Anemia Pada Petani Hortikultura di Desa Tejosari Kecamatan Ngablak Kabupaten Magelang. *Tesis*. Universitas Diponegoro Semarang.  
[http://eprints.undip.ac.id/17532/1/YODENCA\\_ASSTI\\_RUNIA.pdf](http://eprints.undip.ac.id/17532/1/YODENCA_ASSTI_RUNIA.pdf)  
 accessed on September 1, 2021 at 09.08 pm.
- Saxena R.S., Z.R. Khan dan N.D. Bajet. 1987. Reduction of Tungro Virus Transmission Nepothetix viruscens (Homoptera: Cecidellidae) in Neem Cake Treated Rice Seedling. *J. Econ. Entomol.* 87(2) 1057-1061.

- Schmutterer, H., and R. P. Singh. 1995. List of insect pests susceptible to neem products, pp. 326-365 In H. Schmutterer [ed.], *The Neem Tree: Azadirachta indica A. Juss and Other Meliaceae plants*. VCH, New York.
- Schroeder , D. R., and K. Nakanishi. 1987. Simplified isolation procedure for azadirachtin. *J. Nat. Prod.* 50: 241-244.
- Sharma, R.R., Rakesh Reddy, S.V., Datta, S.C., 2015. Particle films and their applications in horticultural crops. *Appl. Clay Sci.* 116–117, 54–68
- Subiyakto. 2007. Ekstrak Biji Mimba Sebagai Pestisida Nabati: Potensi, Kendala, dan Strategi Pengembangannya. *Perspektif*, 8 (2), 108 – 116.
- Sumiati, A., Prakoso, R., & Julianto, D. 2017. Analisis Residu Pestisida pada Jeruk Manis di Kecamatan Dau, Malang. *Buana Sains*, 17(1), 19–24.
- Sutisna, M. 1992. Ekologi *Azadirachta indica*. *Makalah Seminar Sehari Produk Alami untuk Pestisida Aman Lingkungan*. PAU- ITB. 5 hal.
- Tang, Y. Q., A. A. Weathersbee Iii, and R. T. Mayer. 2002. Effect of neem seed extract on the brown citrus aphid (Homoptera: Aphididae) and its parasitoid *Lysiphlebus testaceipes* (Hymenoptera: Aphidiidae). *Environ. Entomol.* 31: 172-176.
- TS Mustafa , HJ Al Moajel. 1991. Relative efficacy of certain inert dusts and synthetic chemical insecticides in protecting stored rice grain against *Trogoderma granarium* Everts attack. *Bulletin of the Entomological Society of Egypt (Economic Series)* 17: 101–109.
- van Lenteren, J.C., Noldus, L.P., 1990. Whitefly plant relationships, behavioural and ecological aspects. Whiteflies their bionomics, pest status. *Manag.* 47, 49.
- Volpe, HXL., Murilo F., Rafael BG., Radrigo FM., Jose CB., & Marcelo PM. 2015. Efficacy of Essential Oil of *Piper aduncum* Against Nymphs and Adults of *Diaphorina citri*. *Pest Manag Sci*, 72: 1242-1249
- Weathersbee, A. A. Iii, and Y. Q. Tang. 2002. Effect of neem seed extract on feeding, growth, survival, and reproduction of *Diaprepes abbreviatus* (Coleoptera: Curculionidae). *J. Econ. Entomol.* 95: 661-667.
- Wijaya, IN., M. Sritamin, M. M. Adnyana., W. Adiartayasa, & I G.N. Bagus. 2012. *Pendidikan dan Pelatihan Pengendalian Kutu Locat Jeruk (Diaphorina citri Kuwayama) Sebagai Hama dan Vektor Penyakit CVPD di Desa Taro, Gianyar*. Udayana Mengabdi, 11: 93-95.

- Wijaya, IN., W. Adiartayasa, I G.P. Wirawan, M. Sritamin, M. Puspawati, & I.M. Sudarma. 2017. Hama dan Penyakit Tanaman Jeruk Serta Pengendaliannya. *Buletin Udayana Mengabdi*, 16: 51-57.
- Wirawan, I G.P., Sulistyowati, L., & Wijaya, I N. 2004. *Penyakit CVPD pada Tanaman Jeruk, Analisis Baru Berbasis Bio Analisis Baru Berbasis Bioteknologi*. Denpasar: Udayana University Press.
- Wonoraharjo, S., Nurindah, D. A. Sunarto, Sujak, & N. Zakia. 2015. Analisis Senyawa Volatil dari Ekstrak Tanaman yang Berpotensi Sebagai Atraktaan Parasitoid Telur Wereng Batang Coklat, *Anagrus nilaparvatae* (Pang et Wang) (Hymenoptera: Mymaridae). *Jurnal Entomol Indon*, 12: 48-57.
- Wuryantini, S., Endarto, O., Penelitian, B., Jeruk, T., & Subtropika, D. B. 2007. Pengaruh Ekstrak Biji Mimba (*Azadirachta indica* A. Jissiu) Terhadap Mortalitas dan Kepedirian Diaphorina citri Kuwayama (Homoptera: Psyllidae) (Influence of Neem Seed Extract to Mortality and Fecundity of Diaphorina citri Kuwayama). *Prosiding Seminar Nasional Jeruk*, 362–370.
- Wuryantini, S., Harwanto, H. and Yudistira, R. A. 2019. “Toksisitas Bioinsektisida Ekstrak Kulit Jeruk Terhadap Kutu Loncat Jeruk *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae) Sebagai Vektor Penyakit CVPD”, *Jurnal Agronida*, 5(2)