



## DAFTAR PUSTAKA

- Albuquerque, E.L., J.K. Lima, F.H. Souza, I.M. Silva, A.A. Santos, A.P.A. Araújo, . . . L. Bacci. 2013. Insecticidal and repellence activity of the essential oil of *Pogostemon cablin* against urban ants species. *Acta tropica* 127: 181-186.
- Ali, M.S., S. Ravikumar, J.M. Beula, V. Anuradha, and N. Yogananth. 2014. Insecticidal compounds from Rhizophoraceae mangrove plants for the management of dengue vector *Aedes aegypti*. *Journal of vector borne diseases* 51: 106.
- Altieri, M., and C. Nicholls. 2004. *Biodiversity and Pest Management in Agroecosystems*: CRC Press.
- Barcaloro, R., C. Tutta, and P. Casson. 1996. *Aroma Compounds in Handbook of Food Analysis Vol. 1*. LML Nollet. In: Marcell Dekker, Inc., New York, Basel.
- Damardjati, D., K.K. Subandi, dan S.S. Zubachtirodin. 2005. *Prospek dan Arah Pengembangan Agribisnis Jagung*. Balitbang Pertanian, Departemen Pertanian. Jakarta.
- Eigenbrode, S.D., A.N.E. Birch, S. Lindzey, R. Meadow, and W.E. Snyder. 2016. A mechanistic framework to improve understanding and applications of push-pull systems in pest management. *Journal of applied ecology* 53: 202-212.
- El-Ghorab, A., K.F. El-Massry, and T. Shibamoto. 2007. Chemical composition of the volatile extract and antioxidant activities of the volatile and nonvolatile extracts of Egyptian corn silk (*Zea mays* L.). *Journal of agricultural and food chemistry* 55: 9124-9127.
- Emilie, D., M. Mallent, C. Menut, F. Chandre, and T. Martin. 2015. Behavioral response of *Bemisia tabaci* (Hemiptera: Aleyrodidae) to 20 plant extracts. *Journal of economic entomology* 108: 1890-1901.
- Falconer, D.S. 1983. *Problems on Quantitative Genetics*: Longman.
- Friarini, Y.P., W. Witjaksono, and S. Suputa. 2017. Study of the use of maize as barrier crop in chili to control *Bemisia tabaci* (Gennadius) population. *Jurnal Perlindungan Tanaman Indonesia* 20: 79-83.
- Furniss, B.S. 1989. *Vogel's Textbook of Practical Organic Chemistry*: Pearson Education, India.
- Guenther, E. 1987. *Minyak atsiri*. Jilid I. Penerbit Universitas Indonesia, Jakarta.
- Hallauer, A., and J. Miranda Filho. 1988. *Quantitative Genetics in Maize Breeding*, 2nd edn (Iowa State University Press: Ames, IA).
- Harborne, J.B. 1987. *Metode fitokimia: Penuntun Cara Modern Menganalisis Tumbuhan*. Penerbit ITB, Bandung.
- Heath, R.R., and A. Manukian. 1994. An automated system for use in collecting volatile chemicals released from plants. *Journal of Chemical Ecology* 20: 593-608.
- Herlinda, S., T. Irwanto, T. Adam, dan C. Irsan. 2009. Perkembangan populasi *Aphis gossypii* Glover (Homoptera: Aphididae) dan kumbang lembing pada tanaman



cabai merah dan rawit di Inderalaya. Seminar Nasional Perlindungan Tanaman, Bogor, 5-6 Agustus 2009.

- Hidayat, S.H., O. Chatchawankanpanich, E. Rusli, and N. Aidawati. 2006. Begomovirus Associated with Pepper Yellow Leaf Curl Disease in West Java, Indonesia. <<https://repository.ipb.ac.id/handle/123456789/28173>>. Diakses pada 3 Maret 2018.
- Ilussein, M., and A. Noraini. 1987. Appropriate technology for chilli pest management under small farm conditions. UPM Research News. I (4): 8-9.
- Iriany, R.N., dan M. Andi Takdir. 2008. Asal, Sejarah, Evolusi, Dan Taksonomi Tanaman Jagung. Maros: Balai Penelitian Tanaman Serelia.
- Jones, D.R. 2003. Plant viruses transmitted by whiteflies. European Journal of Plant Pathology 109: 195-219.
- Khan, Z., K. Ampong-Nyarko, P. Chiliswa, A. Hassanali, S. Kimani, W. Lwande, . . . C. Woodcock. 1997. Intercropping increases parasitism of pests. Nature 388: 631.
- Kim, D.-H., S.-I. Kim, K.-S. Chang, and Y.-J. Ahn. 2002. Repellent activity of constituents identified in *Foeniculum vulgare* fruit against *Aedes aegypti* (Diptera: Culicidae). Journal of agricultural and food chemistry 50: 6993-6996.
- Kogan, M. 1994. Introduction to Insect Pest Management. John Wiley and Sons Inc., New York.
- Kuepper, G., and M. Dodson. 2001. Companion planting: Basic Concepts and Resources, Attra. In.
- Kunst, L., and A. Samuels. 2003. Biosynthesis and secretion of plant cuticular wax. Progress in lipid research 42: 51-80.
- Lapidot, M., M. Friedmann, M. Pilowsky, R. Ben-Joseph, and S. Cohen. 2001. Effect of host plant resistance to Tomato yellow leaf curl virus (TYLCV) on virus acquisition and transmission by its whitefly vector. Phytopathology 91: 1209-1213.
- Lenny, S. 2006. Uji Bioaktifitas Kandungan Kimia Puding Merah dengan Metode Brine Shirmp. Medan: USU.
- Mander, L., and H.-W. Liu. 2010. Comprehensive natural products II: Chemistry and Biology (Vol. 1): Elsevier.
- Mohammad Roff, M., and B. Ho. 1991. Maize as a barrier crop in reducing aphids, the virus vector of chilli. MARDI Res J 19: 251-258.
- Mutisya, S., M. Saidi, A. Opiyo, M. Ngouajio, and T. Martin. 2016. Synergistic effects of agronet covers and companion cropping on reducing whitefly infestation and improving yield of open field-grown tomatoes. Agronomy 6: 42.
- Oliveira, M., T. Henneberry, and P. Anderson. 2001. History, current status, and collaborative research projects for *Bemisia tabaci*. Crop protection 20: 709-723.
- Parker, J., W. Snyder, G. Hamilton, and C. Rodriguez-Saona. 2013. Companion planting and insect pest control. Chapter 1. Weed and Pest Control-Conventional and New Challenges. In Tech Open Ltd., London.



- Parliment, T. 2001. Solvent extraction and distillation techniques. In Flavor, fragrance, and odor analysis. CRC Press, Boca Raton.
- Pichersky, E., and J. Gershenzon. 2002. The formation and function of plant volatiles: perfumes for pollinator attraction and defense. *Current opinion in plant biology* 5: 237-243.
- Rizka, N., F. Rohman, dan Suhadi. 2016. Kajian Jenis Hama dan Efektivitas Pola Tanam Tanaman *Repellent* Terhadap Penurunan Kepadatan Populasi Hama Penting pada Tanaman Brokoli (*Brassica oleracea* L. var *Italica*). <<http://jurnal-online.um.ac.id/data/artikel/artikel18841486B610E6F4CE7C210B9B4628253.pdf>>. Diakses pada 13 Agustus 2018.
- Rukmana, I.H.R. 1997. Usaha Tani Jagung: Kanisius, Yogyakarta.
- Rusli, E., S.H. Hidayat, R. Suseno, dan B. Tjahjono. 1999. Gemini Virus Asal Cabai: Kisaran Inang dan Cara Penularan. *Bulletin HPT* 11: 126-131.
- Setiawati, W., B. Udiarto, dan T. Soetiarso. 2008. Pengaruh varietas dan sistem tanam cabai merah terhadap penekanan populasi hama kutu kebul. *Jurnal Hortikultura* 18.
- Setiawati, W., B.K. Udiarto, dan A. Muharam. 2005. Pengenalan dan Pengendalian Hama-hama Penting pada Tanaman Cabai Merah. Panduan Teknis PTT Cabai Merah.
- Shull, G.H. 1908. The composition of a field of maize. *Journal of Heredity*: 296-301.
- Sonwa, M.M. 2000. Isolation and structure elucidation of essential oil constituents: comparative study of the oils of *Cyperus alopecuroides*, *Cyperus papyrus*, and *Cyperus rotundus*. *Phytochemistry* 58: 799-810.
- Sulandari, S., R. Suseno, S.H. Hidayat, J. Harjosudarmo, dan S. Sosromarsono. 2006. Deteksi dan kajian kisaran inang virus penyebab penyakit daun keriting kuning cabai. *HAYATI Journal of Biosciences* 13: 1-6.
- Suprpto, H. 1985. Bertanam Jagung: PT Penebar Swadaya, Jakarta.
- Teranishi, R., and S. Kint. 1993. Bioactive volatile compounds from plants: an overview. Paper presented at the ACS symposium series (USA).
- Vivaldo, G., E. Masi, C. Taiti, G. Caldarelli, and S. Mancuso. 2017. The network of plants volatile organic compounds. *Scientific Reports* 7: 11050.
- YIB, M.S., dan W. Tengkan. 2013. Potensi tanaman jagung dan dangket (*Basilicum Polystachyon*) sebagai perangkap hama pemakan polong kedelai. *Jurnal Penelitian Pertanian Tanaman Pangan* 32.
- Zhu, B.C.-R., G. Henderson, Y. Yu, and R.A. Laine. 2003. Toxicity and repellency of patchouli oil and patchouli alcohol against Formosan subterranean termites *Coptotermes formosanus* Shiraki (Isoptera: Rhinotermitidae). *Journal of agricultural and food chemistry* 51: 4585-4588.