

DAFTAR PUSTAKA

- Backus EA, MS Serrano and C Ranger. 2005. Mechanisms of hopperburn: an overview of insect taxonomym behaviour, and physiology. *Annual Review Entomology* 50: 125-151.
- Badan Pusat Statistik Kabupaten Tanjung Jabung Barat. 2019. Luas Panen, Produksi dan Produktivitas Padi Sawah Menurut Kecamatan di Kabupaten Tanjung Jabung Barat 2018.
- Baehaki SE. 2012. Perkembangan biotipe hama wereng coklat pada tanaman padi. *IPTEK Tanaman Pangan* 7(1): 8-17.
- Baehaki SE, EH Iswanto dan D Munawar. 2016. Resistensi wereng batang padi coklat terhadap insektisida. *Balai Besar Penelitian Tanaman Padi Sukamandi, Jawa Barat* 35(2): 102-106.
- Baehaki SE dan IN Widiarta. 2009. Hama wereng dan cara pengendaliannya pada tanaman padi. *Inovasi Teknologi Produksi Padi. Balai Besar Tanaman Padi* 2: 347-383.
- Basri AB. 2012. Mengenal wereng batang padi coklat. *Balai Pengkajian Teknologi Pertanian (BPTP) Naggroe Aceh Darussalam* 6(2): 1-2.
- ButarButar R. 2019. Resistensi wereng batang padi coklat (*Nilaparvata lugens* Stal) di Kecamatan Kumpe Ulu Kabupaten Muaro Jambi terhadap insektisida metomil dan MBPC. *Skripsi. Fakultas Pertanian Univeritas Jambi, Jambi*.
- Cagatay NS, Pauline M, Maria R, John V and Recep AY. 2018. Identification and characterization of abamectin resistance in *Tetranychus urticae* Koch populations from greenhouses in Turkey. *Crop Protection* 12: 112-117.
- Cevik ESB and Recep AY. 2020. Abamectin resistance and resistance mechanisms in *Tetranychus urticae* populations from cut flowers greenhouses in Turkey. *Journal International Journal of Acarology* 46(2): 94-99.
- Direktorat Jendral Prasarana dan Sarana Pertanian. 2016. Pestisida Pertanian dan Kehutanan Tahun 2016. Kementerian Pertanian Republik Indonesia.
- Direktorat Perlindungan Tanaman Pangan. 2020. Prakiraan Serangan OPT Padi Wereng Batang Padi Cokelat 2019-2020 Menurut Provinsi di Indonesia. Kementerian Pertanian Republik Indonesia.
- Dono D, S Ismayana, Idar, D Priyono dan I Muslikha. 2010. Status dan mekanisme resistensi biokimia *Crociodolomia pavonana* (F) (Lepidoptera : Crambidae) terhadap insektisida organofosfat serta kepekaannya terhadap insektisida botani ekstrak biji *Baringtonia asiatica*. *Jurnal Entomologi Indonesia* 7(1): 9-27.

- Dupo ALB and AT Barrion. 2009. Taxonomy and general biology of delphacid planthoppers in rice agroecosystems, p. 3-156. *In* Heong KL and Hardy B (editors), Planthoppers : New Threats to The Sustainability of Intensive Rice Production Systems in Asia. Los Baños (Philippines): International Rice Research Institute.
- Gallagher K. 1991. Pengendalian Hama Terpadu Untuk Padi. Jakarta (ID): Bappenas.
- Grant AN. 2002. Medicines for sea lice. *Pest Management Science* 58(6): 521-527.
- Harahap IS dan Tjahjono B. 1997. Pengendalian Hama Penyakit Padi. Jakarta: Penebar Swadaya.
- Heong KL, KH Tan, OPF Garcia, LT Fabellar and Z Lu. 2011. Research Method in Toxycology and Insecticide Resistance Monitoring of Rice Planthoppers. International Rice Research institute, Los Banos.
- IRAC. 2019. Introduction and overview. IRAC (Insecticide Resistance Action Committee) susceptibility test methods series version: 9.3. <http://www.irac-online.org>. 2p (diakses 13 Juni 2019).
- Kalshoven LGE. 1981. The Pests of Crops in Indonesia. Laan PA van der, penerjemah. Jakarta: Ichtiar Baru-van Hoeve. Terjemahan dari: De Plagen van de Cultuurgewassen in Indonesie.
- Kementerian Pertanian Republik Indonesia. 2016. Pestisida Pertanian dan Kehutanan Tahun 2016. Direktorat Pupuk dan Pestisida Kementerian Pertanian Republik Indonesia, Jakarta.
- Mochida, O. 1978. Brown planthopper hama wereng problems on rice Indonesia. Cooperative CRIA-IRRI Program Sukamandi, West Java, Indonesia p. 70.
- Mochida O and T Okada. 1979. Taxonomy and biology of *Nilaparvata lugens* (Homoptera: Delphacidae). Brown Planthopper: Threat To Rice Production In Asia IRRI, Manila, Philippines 32(2): 21-23.
- Mochida O, T Suryana and A Wahyu. 1977. Recent Outbreaks of The Brown Planthopper In Southeast Asia (With Special Reference to Indonesia). In The Rice Brown Planthopper. Food and Fertilizer Technology Center for The Asian and Pasific Region. p. 170-191.
- Moekasan TK dan RS Basuki. 2007. Status resistensi *Spodoptera exigua* Hubn. pada tanaman bawang merah asal Kabupaten Cirebon, Brebes dan Tegal terhadap insektisida yang umum digunakan petani di daerah tersebut. *Jurnal Hortikultura* 17(4): 343-345.
- Oktariana RG. 2015. Status resistensi hama ulat grayak (*Spodoptera litura* F.) asal Karangploso Malang terhadap insektisida sintetik abamektin. *Skripsi*. Universitas Jember, Jawa Timur.

- PubChem. 2019. Dimehypo. Diunduh dari <https://pubchem.ncbi.nlm.nih.gov>. (diakses Desember 2019).
- Putri HUE. 2019. Resistensi wereng batang padi cokelat (*Nilaparvata lugens* Stal) di Kecamatan Pemayung Kabupaten Batanghari terhadap insektisida tiametoxam dan dimetoat. *Skripsi*. Fakultas Pertanian Univeritas Jambi, Jambi.
- Saragih DN. 2011. Pengaruh perlakuan beberapa varietas padi (*Oryza sativa*) terhadap *fitness Nilaparvata lugens* Stal. *Skripsi*. Fakultas Pertanian Institut Pertanian Bogor, Bogor.
- Shen JL and Wu YD. 1995. Insecticide Resistance in Cotton Bollworm and it's Management. China Agricultural Press, Beijing, China. p. 259-280.
- Sitompul AF, S Oemry and Pangestiningsih. 2014. The effectiveness of botanical insecticides test to mortality the *Leptocorisa acuta* Thunberg. (Lepidoptera: Plutellidae), from the state of Pernambuco, Brazil. *Neotropical Entomology* 40(2): 264-270.
- Subrobo SWG, Wahyudin, T Hendarto dan H Sawada. 1992. Taksonomi dan Bioekologi Wereng Batang Padi Cokelat (*Nilaparvata lugens* Stal) Kerjasama Teknis Indonesia-Jepang Bidang Perlindungan Tanaman Pangan (ATA-162). Direktorat Bina Perlindungan Tanaman Pangan, Jakarta.
- Sunitha V, TVK Singh and J Satyanarayana. 2017. Assessment of resistance development in field populations of diamondback moth, *Plutella xylostella* (L.) from Andhra Pradesh to insecticides and cry2ab toxin. *Mysore Journal of Agricultural Sciences* 51(A): 99-107.
- Wang Y, C Jin, ZY Chu, M Chongyong, H Yue and S Jianliang. 2008. Susceptibility to neonicotinoids and risk of resistance development in the brown planthopper, *Nilaparvata lugens* (Stal) (Homoptera: Delphacidae). *Pest Management Science* 64: 1278–1284.
- Widyawati A. 2012. Kepekaan larva *Crociodolomia pavonana* asal Cianjur Jawa Barat terhadap tiga jenis insektisida. *Skripsi*. Departemen Proteksi Tanaman Institut Pertanian Bogor, Bogor.
- Wu SF, B Zeng, C Zheng, XC Mu, Y Zhang, J Hu, S Zhang, CF Gao and JL Shen. 2018. The evalution of insecticide resistance in the brown planthopper (*Nilaparvata lugens* Stal) of China in the period 2012-2016. *Scientific Report*. China.
- Xun L, R Jin, X Zhang, E ali, K Mao, P Xu, J Li and H Wan. 2018. Characterization of sulfoxaflor resistance in the brown planthopper (*Nilaparvata lugens* Stal). *Pest Management Science* 75(6): 1646-1654.

Yaherwandi, Reflinaldon dan A Rahmadani. 2009. Biologi *Nilaparvata lugens* Stal (Homoptera: Delphacidae) pada empat varietas tanaman padi (*Oryza sativa* L.). Jurnal Biologi Edukasi 1(2): 9-17.