

DAFTAR PUSTAKA

- Afiunizadeh, M., dan J. Karimzadeh. 2015. Assessment of naturally occurring parasitism of diamondback moth in field using recruitment method. *Archives of Phytopathology and Plant Protection*, 48(1): 43–49.
- Alawiyah, S. T., Y. Ratna, dan W. Wilia. 2023. Jenis dan Tingkat parasitasi parasitoid larva *Plutella xylostella* L. pada tanaman sawi hijau (*Brassica juncea* L.). *Jurnal Media Pertanian* 8(1): 1-8.
- Ansari, M. S., T. Ahmad, H. Ali. 2010. Effect of Indian mustard on feeding, larval survival and development of *Plutella xylostella* at constant temperatures. *Entomological Research*, 40(3): 182-188.
- Arvanitakis, L., J. David, D. Bordat. 2014. Incomplete control of the diamondback moth, *Plutella xylostella*, by the parasitoid *Cotesia vestalis* in a cabbage field under tropical conditions. *BioControl*, 59(6): 671-679.
- Azidah, A. A. M. G. Fitton, D. L. J. Quicke. 2000. Identification of the *Diadegma* species (Hymenoptera: Ichneumonidae, Campopleginae) attacking the diamondback moth, *Plutella xylostella* (Lepidoptera: Plutellidae). *Bulletin of Entomological Research*, 90: 375–38.
- Badan Pusat Statistik Indonesia. 2019. Statistik Tanaman Sayuran dan Buahbuahan Semusim Indonesia 2018. BPS RI, Jakarta.
- Badan Pusat Statistik Kabupaten Magelang. 2024. Luas Panen Tanaman Sayuran dan Buah-Buahan Menurut Kecamatan dan Jenis Tanaman di Kabupaten Magelang, 2023. BPS Magelang, Magelang.
- Badan Pusat Statistik Kabupaten Magelang. 2024. Produksi tanaman sayur-sayuran menurut kecamatan di Kabupaten Magelang (kuintal), 2021-2023. BPS Magelang, Magelang.
- Capinera, J. L. 2015. Diamondback moth, *Plutella xylostella* (Linnaeus) (Insecta: Lepidoptera: Plutellidae). *University of Florida Journal*, 119: 1-5.
- Chalupowicz, D., Osher Y., Maurer D., Ovadia-Sadeh A., Lurie S., Kenigsbuch D. 2019. Characterizing the genetic potential of cabbage for summer storage. *Acta Horticulturae*, 1256: 563-566.
- Darusman, M. R., A. Komariah, dan E. R. Ria. 2024. Pengaruh konsentrasi *Beauveria bassiana* terhadap intensitas serangan serangga hama ulat daun (*Plutella*

- xylostella* L.) pertumbuhan dan hasil beberapa varietas pakcoy (*Brassica rapa* L.). Paspalum: Jurnal Ilmiah Pertanian 12(1): 169-178.
- Edde, P. A. 2022. Field crop arthropod pests of economic importance. Academic Press, London.
- Fagan-Jeffries, E. P., dan A. D. Austin. 2020. Synopsis of the parasitoid wasp genus *Cotesia* Cameron, 1891 (Hymenoptera: Braconidae: Microgastrinae) in Australia, with the description of seven new species. European Journal of Taxonomy, 667: 1–70.
- Golizadeh, A., K. Kamali, Y. Fathipour, H. Abbasipour. 2009. Life table of the diamondback moth, *Plutella xylostella* (L.) (Lepidoptera: Plutellidae) on five cultivated Brassicaceous host plants. Journal of Agriculture Science Technology, 11: 115-124.
- Goulet, H., dan J. T. Huber. 1993. Hymenoptera of the world: An identification guide to families. Centre for Land and Biological Resources Research Ottawa, Ontario.
- Gunawan, M., Yunus, M., Pasaru, F. 2021. Eksplorasi parasitoid dan tingkat parasitasi nya pada larva-pupa *Plutella xylostella* L. (Lepidoptera: Plutellidae) di sentra pertanian kubis (*Brassica oleracea* L.) di Sulawesi Tengah. e-J. Agrotekbis, 9(5): 1056-1065.
- Hakim, L., S. Karindah, L. P. Astuti, 2014. Eksplorasi parasitoid telur *Plutella xylostella* pada pertanian kubis *Brassica oleracea* di daerah Malang dan Kota Batu. Jurnal HPT, 2(2): 116-121.
- Herlinda S. 2005. Jenis dan kelimpahan parasitoid *Plutella xylostella* L. (Lepidoptera: Plutellidae) di Sumatera Selatan. Agria 1(2): 78-83.
- Herlinda, S., 2005. Parasitoid dan parasitiasi *Plutella xylostella* (L.) (Lepidoptera: Yponomeutidae) di Sumatera Selatan. Hayati, 151-156.
- Hidayat, C. N. A., O. Setiani, N. A. Y. Dewanti, dan Y. H. Darundiati. 2023. Analisis faktor risiko paparan pestisida terhadap kejadian hipertensi pada petani bawang merah. Jurnal Riset Kesehatan Poltekkes Depkes Bandung 15(2): 410-442.
- Hopkins, R. J., Nicole M. D., Joop J. A. L. 2009. Role of glucosinolates in insect-plant relationships and multitrophic interactions. Annual Review of Entomology, 54: 57-83.

- Htwe, A. N., M. Takagi, K. Takasu. 2008. Development of Myanmar strain of *Cotesia vestalis* (Hymenoptera: Braconidae) on its host *Plutella xylostella* (Lepidoptera: Plutellae) at different temperatures. *Journal of the Faculty of Agriculture Kyushu University*, 53(2): 441-446.
- Indra, M. 2017. Identifikasi parasitoid dan predator pada tanaman cabai (*Capsicum annuum*) di Desa Sidera Kabupaten Sigi. Jurusan Hama dan Penyakit Tanaman, Fakultas Pertanian, Universitas Tadulako. Skripsi.
- Jasril, D. A., Hidrayani, I. Zahlul. 2016. Keanekaragaman Hymenoptera parasitoid pada pertanaman padi di dataran rendah dan dataran tinggi Sumatera Barat. *Jurnal Agro Indragiri*, 1: 13-24.
- Kim, Y., and Yerim S. 2006. Parasitism of *Cotesia plutellae* alters morphological and biochemical characters of diamondback moth, *Plutella xylostella*. *Journal Asia Pasific Entomology*, 9(1): 37-42.
- Labou, B., T. Brevault, S. Sylla, M. Diatte, D. Bordat, K. Diarra. 2017. Spatial and temporal incidence of insect pests in farmers' cabbage fields in Senegal. *International Journal of Tropical Insect Science*, 37(4): 225-233.
- Liu, S. S., F. Z. Chen, M. P. Zalucki. 2002. Development and survival of the diamondback moth (Lepidoptera: Plutellidae) at constant and alternating temperatures. *Physiological and chemical ecology*, 31(2): 220-231.
- Luhukay, J. N., M. R. Uluputty, R. Y. Rumthe. 2013. Respons lima varietas kubis (*Brassica oleracea* L.) terhadap serangan hama pemakan daun *Plutella xylostella* (Lepidoptera ; *Plutellidae*). *Agrologia*, 2(2): 164-169.
- Mahdalina, Z., Zarmiveni, N. Hafizah. 2019. Respon pertumbuhan dan hasil tanaman kubis (*Brassica oleracea* L.) terhadap berbagai dosis pupuk kandang kotoran itik dengan penambahan abu sekam pada tanah rawa lebak. Rawa Sains: *Jurnal Sains STIPER Amuntai*, 9(1): 1-8.
- Mamahit, J. M. E., J. Manueke, dan V. B. Montong. 2018. Inovasi teknik pengendalian hama yang ramah lingkungan pada tanaman krisan. *Jurnal LPPM Bidang Sains dan Teknologi* 5(2): 47-56.
- Marchioro, C. A., dan L. A. Foerster. 2016. Biotic factors are more important than abiotic factors in regulating the abundance of *Plutella xylostella* L., in Southern Brazil. *Revista Brasileira de Entomologia*, 60: 328-333.

- Ouyang, F., W. Su, Y. Zhang, X. Liu, J. Su, Q. Zhang, X. Men, Q. Ju, F. Ge. 2020. Ecological control service of the predatory natural enemy and its maintaining mechanism in rotation-intercropping ecosystem via wheat maize-cotton. *Agriculture, Ecosystems and Environment*, 301: 1-7.
- Pertanian. 2024. Buku Atap Hortikultura 2023. Kementerian Pertanian Direktorat Jenderal Hortikultura, Jakarta.
- Rasiska, S., N. Nabila, D. Dono, T. Sunarto, dan C. Nasahi. 2022. The effect of tofu wasterwater on cabbage growth and preference of *Plutella xylostella*. *Cropsaver: Journal of Plant Protection*, 5(1): 15-22.
- Resh, V. H. and R. T. Carde. 2009. *Encyclopedia of Insects (Second Edition)*. Academic Press.
- Samec, D., I. Pavlovic, B. S. Sondi. 2017. White cabbage (*Brassica oleracea* var. *capitata* f. *alba*): botanical, phytochemical and pharmacological overview. *Phytochem Review*, 16: 117-135.
- Sarfraz, M., B. A. Keddie, L. M. Dossall. 2005. Biological control of the diamondback moth, *Plutella xylostella*: A review. *Biocontrol Science and Technology*, 15(8): 763–789.
- Sepe, M., dan M. I. Djafar. 2018. Perpaduan tanaman refugia dan tanaman kubis pada berbagai pola tanam dalam menarik predator dan parasitoid dalam penurunan populasi hama. *Agrovital: Jurnal Ilmu Pertanian*, 3(2): 55-59.
- Sholahudin H, Sulastri E. 2011. Efektivitas caisin sebagai tanaman perangkap patogen untuk pengendalian penyakit akar gada pada kubis. *Jurnal HPT Tropika*, 11(1):22-27.
- Supriyati, Y. 2020. Analisis Kinerja Perdagangan Kubis. Pusat Data dan Sistem Informasi Pertanian Kementerian Pertanian, Jakarta
- Talbert, P. B., K. J. Armache, S. Henikoff. 2022. Viral histones: pickpocket's prize or primordial progenitor?. *Epigenetics & Chromatin*, 15(21): 1-20.
- Triana, J. F., C. Boudreault, J. Buffam, R. Mclean. 2016. A biodiversity hotspot for Microgastrinae (Hymenoptera, Braconidae) in North America: annotated species checklist for Ottawa, Canada. *ZooKeys*, 833: 1-93.
- Wang, L., K. Etebari, Z. Zhao, G. H. Walter, M. J. Furlong. 2022. Differential temperature responses between *Plutella xylostella* and its specialist endo-

larval parasitoid *Diadegma semiclausum*—Implications for biological control. *Insect Science*, 29(3): 855-864.

Xu, X., Y. Wu, J. Ma. 2004. Susceptibility of *Diadegma insulare* to indoxacarb. *Biocontrol Science and Technology*, 14(7): 713–718.

Zhao, A., X. Yuan, D. Hu, C. Leng, Y. Li, P. Wang, Y. Li. 2019. The effect of host plant on the development and larval midgut protease activity of *Plutella xylostella* (Lepidoptera: Plutellidae). *Phytoparasitica*, 47: 475-483.

Zhu, J. Y., Z. W. Xiang, S. Z. Zhang, L. N. Wu, T. X. Liu. 2021. Adaptations of *Plutella xylostella* adult females and larvae to waxy host plants. *Journal of Pest Science*, 1-13.