

DAFTAR PUSTAKA

- Atman. 2015. *Produksi Jagung; Strategi Meningkatkan Produksi Jagung*. Yogyakarta: Plantaxia.
- Armita, D., & Alawiyatun, N. A. W. (2020). Studi Pertumbuhan dan Aktivitas Enzim Antioksidan pada Kultur In Vitro Tomat Akibat Cekaman Salinitas. *PLANTROPICA: Journal of Agricultural Science*, 5(1), 64–73. <https://doi.org/10.21776/ub.jpt.2020.005.1.8>
- Bantacut, T., Akbar, M. T., & Firdaus, Y. R. (2015). *Pengembangan Jagung untuk Ketahanan Pangan, Industri dan Ekonomi*. 135–148.
- Buhian, W. P. C., Rubio, R. O., Valle, D. L., & Martin-Puzon, J. J. (2016). Bioactive metabolite profiles and antimicrobial activity of ethanolic extracts from *Muntingia calabura* L. leaves and stems. *Asian Pacific Journal of Tropical Biomedicine*, 6(8), 682–685. <https://doi.org/10.1016/j.apjtb.2016.06.006>
- Dewi, V. S., Sjam, S., Sulaeha, S., & Sulastri, E. (2025). The Effectiveness of Insectary Plant that Attracts and Sustains Beneficial Arthropods to Control *Spodoptera frugiperda* J.E Smith (Lepidoptera: Noctuidae) in Maize. *HAYATI Journal of Biosciences*, 32(1), 70–79. <https://doi.org/10.4308/hjb.32.1.70-79>
- Divekar, P. A., Narayana, S., Divekar, B. A., Kumar, R., Gadratagi, B. G., Ray, A., Singh, A. K., Rani, V., Singh, V., Singh, A. K., Kumar, A., Singh, R. P., Meena, R. S., & Behera, T. K. (2022). Plant Secondary Metabolites as Defense Tools against Herbivores for Sustainable Crop Protection. *International Journal of Molecular Sciences*, 23(5). <https://doi.org/10.3390/ijms23052690>
- FAO. (2018). *Integrated Management of the Fall Armyworm on Maize*. <http://www.grainsa.co.za/upload/FAO---FAW-Guide.pdf>
- Firmanto, Sataral, M., & Lamandasa, F. H. (2021). *The Effectiveness of Various Types of Attractions On Population and Attack Intensity of Fruit Flesh (Bactrocera spp) In Tomato Plants*. 01, 21–26.
- Ji, Y., Yan, X., Xu, J., Jumak, M., Zhang, R., Wang, L., & Gao, J. (2025). Plant Functional Traits Better Explain the Global Latitudinal Patterns of Leaf Insect Herbivory than Climatic Factors. *Plants*, 14(9), 1–16. <https://doi.org/10.3390/plants14091303>
- Khan, Z. R., Midega, C. A. O., Bruce, T. J. A., Hooper, A. M., & Pickett, J. A. (2010). Exploiting phytochemicals for developing a “push-pull” crop protection strategy for cereal farmers in Africa. *Journal of Experimental Botany*, 61(15), 4185–4196. <https://doi.org/10.1093/jxb/erq229>
- Khoiriah, A., Naemah, D., Nugroho, Y., & Kehutanan, J. (2019). Tingkat Kecepatan Makan Ulat Yang Memakan Daun Mersawa (Anisoptera costata Korth). *Jurnal Sylva Scientiae*, 02(6), 1161–1166.
- López-Gresa, M. P., Lisón, P., Campos, L., Rodrigo, I., Rambla, J. L., Granell, A., Conejero, V., & Bellés, J. M. (2017). A non-targeted metabolomics approach unravels the VOCs associated with the tomato immune response against *Pseudomonas syringae*. *Frontiers in Plant Science*, 8(July), 1–15.

<https://doi.org/10.3389/fpls.2017.01188>

- Megasari, D., & Saiful, K. (2021). *Tingkat serangan ulat grayak tentara Spodoptera frugiperda J. E. Smith (Lepidoptera: Noctuidae) pada pertanaman jagung di Kabupaten Tuban, Jawa Timur, Indonesia*. 14(1), 1–5.
- Mostafa, I., El-Aziz, E. A., Hafez, S., & El-Shazly, A. (2013). *Chemical Constituents and Biological Activities of Galinsoga parviflora Cav. (Asteraceae) from Egypt of Galinsoga parviflora Cav. (Asteraceae) from Egypt*. June 2013. <https://doi.org/10.5560/ZNC.2013.68c0285>
- Mukkun, L., Kleden, Y. L., & Simamora, A. V. (2021). Detection of *Spodoptera frugiperda* (J.E. Smith) (Lepidoptera: Noctuidae) in maize field in East Flores District, East Nusa Tenggara Province, Indonesia. *International Journal of Tropical Drylands*, 5(1), 20–26. <https://doi.org/10.13057/tropdrylands/t050104>
- Muliawati, E. S., Nurmalasari, A. I., Theresia, M., Budiastuti, S., Mustofa, A., Pertanian, F., Maret, U. S., Karangpandan, K., & Karanganyar, K. (2024). *Morfologi dan Persebaran Bribil (Galinsoga parviflora) Sebagai Sayuran Indigenous di Daerah Karanganyar*. September, 17–18.
- Nonci, N., Kalgutny, Hary, S., Mirsam, H., Muis, A., Azrai, M., & Aqil, M. (2019). Pengenalan Fall Armyworm (*Spodoptera frugiperda* J.E. Smith) Hama Baru Pada Tanaman Jagung di Indonesia. In *Badan Penelitian dan Pengembangan Pertanian Balai Penelitian Tanaman Serealia* (Vol. 73).
- Onjai-uea, N., Paengkoum, S., Taethaisong, N., Thongpea, S., Sinpru, B., Surakhunthod, J., Meethip, W., Purba, R. A. P., & Paengkoum, P. (2023). Effect of Cultivar, Plant Spacing and Harvesting Age on Yield, Characteristics, Chemical Composition, and Anthocyanin Composition of Purple Napier Grass. *Animals*, 13(1). <https://doi.org/10.3390/ani13010010>
- Peter, E., Tamiru, A., Sevgan, S., Dubois, T., Kelemu, S., Kruger, K., Torto, B., & Yusuf, B. (2023). *Companion crops alter olfactory responses of the fall armyworm (Spodoptera frugiperda), and its larval endoparasitoid (Cotesia icipe)*. <https://doi.org/https://doi.org/10.21203/rs.3.rs-2535302/v1>
- Rosalina, D. A., Sulistyawati, & Pratiwi, S. H. (2020). *Pengaruh Kombinasi Pemangkasan dan Pembubunan Terhadap Pertumbuhan dan Hasil Tanaman Tomat (Solanum lycopersicum L.)*. 4, 14–18.
- Rossini, L., Contarini, M., Delfino, I., & Speranza, S. (2025). *Does insect trapping truly measure insect populations ? February*. <https://doi.org/10.1111/afe.12681>
- Rusisah, A. M., Thamrin, S., & Daud, I. D. (2021). Studi Perilaku Petani Terhadap Serangan Hama *Spodoptera frugiperda* J.E Smith (Lepidoptera: Noctuidae) di Pertanaman Jagung Lingkungan Lare'e Kecamatan Pammana Kabupaten Wajo. *Skripsi. Universitas Hasanuddin*.
- Sulaeha. (2018). Studi Lalat Buah *Zeugodacus cucurbitae* (Coquillett) (Diptera: Tephritidae) dengan Perhatian Utama pada Deteksi Senyawa Kairomon dari Tanaman Inang. *Disertasi. Institut Pertanian Bogor*.

- Sulaeha, S., Rauf, A., Purwantiningsih, & Ratna, E. S. (2017). Identification of kairomonal compounds from host plants attractive to melon fly, *Zeugodacus cucurbitae* (Coquillett) (Diptera:Tephritidae). *Journal of Entomology*, 14(5), 216–227. <https://doi.org/10.3923/je.2017.216.227>
- Supartha, I. W., Susila, I. W., Sunari, A. A. A. S., Mahaputra, I. G. F., Yudha, I. K. W., & Wiradana, P. A. (2021). *Damage characteristics and distribution patterns of invasive pest, Spodoptera frugiperda (J. E Smith) (Lepidoptera : Noctuidae) on maize crop in Bali, Indonesia*. 22(6), 3378–3387. <https://doi.org/10.13057/biodiv/d2206xx>
- Trisyono, Y. A., Suputa, S., Aryuwandari, V. E. F., Hartaman, M., & Jumari, J. (2019). Occurrence of Heavy Infestation by the Fall Armyworm *Spodoptera frugiperda*, a New Alien Invasive Pest, in Corn Lampung Indonesia. *Jurnal Perlindungan Tanaman Indonesia*, 23(1), 156. <https://doi.org/10.22146/jpti.46455>
- Wang, J., Wei, J., Yi, T., Li, Y. Y., Xu, T., Chen, L., & Xu, H. (2023). *A green leaf volatile, (Z)-3-hexenyl acetate, mediates differential oviposition by Spodoptera frugiperda on maize and rice*. 1–18. <https://doi.org/10.1186/s12915-023-01642-x>
- Yulianti, W., Ayuningtyas, G., Martini, R., & Resmeiliana, I. (2021). Pengaruh Metode Ekstraksi Dan Polaritas Pelarut Terhadap Kadar Fenolik Total Daun Kersen (*Muntingia calabura* L). *Jurnal Sains Terapan*, 10(2), 41–49. <https://doi.org/10.29244/jstsv.10.2.41-49>