

Daftar Pustaka

- Abubakar, M., B. Koul, K. Chandrashekar, A. Raut, and D. Yadav. 2022. Whitefly (*Bemisia tabaci*) management (WFM) strategies for sustainable agriculture: a review. *Agriculture*. 12(9): 1317-1346.
- Abubakar, M., S. Muhammad, B. Koul, A. Hamisu, and D. G. Hani. 2024. Effect of whitefly (*Bemisia tabaci* Genn.) infestation on the growth parameters of eggplant (*Solanum melongena* L.) in Kebbi state, Nigeria. *Journal of Plant Science and Phytopathology*. 8(1): 029-037.
- Afzal, M., S. Saeed, H. Riaz, M. Ishtiaq, dan M.H. Rahman. 2023. Tinjauan kritis spesies kriptik kutu kebul (*Bemisia tabaci* gennadius) yang berasosiasi dengan penyakit keriting daun kapas. *Jurnal Ilmu Inovatif*. 9(1): 24-43.
- Arrones, A., V. Baraja-Fonseca, A. Solana, M. Plazas, S. Soler, J. Prohens, S. Vilanova, and P. Gramazio. 2025. Resequencing and phenotyping of the first highly inbred eggplant multiparent population reveal SmLBD13 as a key gene associated with root morphology. *Horticulture Research*. 12: 1-13.
- Awata, L.A.O., P. Tongoon, E. Danquah, B. E. Ifie, L. M. Suresh, M.B. Jumbo, P. W. Marchelo-D'ragga, and C. Sitonik. 2019. Understanding tropical maize (*Zea mays* L.): The major monocot in modernization and sustainability of agriculture in sub-Saharan Africa. *International Journal of Advance Agricultural Research*. 7(2): 32-77.
- Badan Pusat Statistik. 2025. Luas Panen Tanaman Sayuran dan Buah-Buahan Semusim Menurut Kabupaten/Kota dan Jenis Tanaman di Provinsi DI Yogyakarta. <<https://www.bps.go.id/>>. Diakses pada tanggal 18 November 2025.
- Badan Pusat Statistik. 2025. Produksi Tanaman Sayuran dan Buah-Buahan Semusim Menurut Provinsi dan Jenis Tanaman. <<https://www.bps.go.id/>>. Diakses pada tanggal 18 November 2025.
- Barchi, L., G. Aprea, M. Rabanus-Wallace, L. Toppino, D. Alonso, E. Portis, S. Lanteri, L. Gaccione, E. Omondi, M. Van Zonneveld, R. Schafleitner, P. Ferrante, A. Börner, N. Stein, M. Díez, V. Lefebvre, J. Salinier, H. Boyacı, R. Finkers, M. Brouwer, A. Bovy, G. Rotino, J. Prohens, and G. Giuliano. 2023. Analysis of >3400 worldwide eggplant accessions reveals two independent domestication

- events and multiple migration-diversification routes. The Plant journal : for cell and molecular biology. 116: 1667-1680.
- Budiasih, H. N. 2023. Perbandingan Tanaman Jagung — Cabai yang paling efektif untuk mengusir *Bemisia tabaci* Genn. Universitas Gadjah Mada. Skripsi.
- CABI, 2021. *Bemisia tabaci* (Tobacco whitefly), Invasive Species Compendium, <<https://www.cabi.org/isc/datasheet/8927>> . Diakses pada 5 Desember 2025.
- Carvalho, M. G., O.C. Bortolotto, and M.U. Ventura. 2017. Aromatic plants affect the selection of host tomato plants by *Bemisia tabaci* biotype B. Entomologia Experimentalis et Applicata. 162(1): 86-92.
- Chellam, S., D.G. Bai, D.V. Rani, M. Sindhu, V. Pushpalatha, Rupali JS and G. Manoosha. 2024. Agro-ecological approaches to pest management: The role of crop diversification and habitat manipulation. International Journal of Advanced Biochemistry Research. 8(9): 154-157.
- Farina, A., A. C. Barbera, G. Leonardi, G. E. M. Cocuzza, P. Suma, and C. Rapisarda. 2022. *Bemisia tabaci* (Hemiptera: Aleyrodidae): what relationships with and morpho-physiological effects on the plants it develops on? Insects. 13(4): 351.
- Fazira R., H. Helmi, dan D. Darusman. 2024. Pengaruh kombinasi biochar kelapa muda dan pupuk hayati terhadap pertumbuhan dan hasil tanaman jagung (*Zea mays* L.) pada Ultisol. Jurnal Ilmiah Mahasiswa Pertanian. 9(3): 295-307.
- Ghelani, M., B. Kabaria, Y. Ghelani, K. Shah, and M. Acharya. 2020. Biology of whitefly, *Bemisia tabaci* (Gennadius) on tomato. Journal of Entomology and Zoology Studies. 8(4): 1596-1599.
- Ghongade, D.S., and K.S. Sangha. 2021. Efficacy of biopesticides against the whitefly, *Bemisia tabaci* (Gennadius) (Hemiptera: Aleyrodidae), on parthenocarpic cucumber grown under protected environment in India. Egyptian Journal of Biological Pest Control. 31(19): 1-11.
- Harita, R. S., B. Zebua, Z. W. Gulo, R. Harefa, dan S. A. Hia. 2025. Perbedaan tanaman kacang hijau dan jagung di tempat terang dan gelap. Jurnal Ilmu Pertanian dan Perikanan. 2(1): 8-13.
- Hasibuan, A. P., N. E. Mustamu, Y. Sepriani, dan K. Rizal. 2024. The effect of applying organic skin and coconut dregs compost on the growth and yield of purple

- eggplant plants fertilizer of red onion (*Solanum melongena* L.). Jurnal Agronomi Tanaman Tropika (JUATIKA). 6(2): 481-488.
- Hopkinson, J., J. Balzer, C. Fang, and T. Walsh. 2023. Insecticide resistance management of *Bemisia tabaci* (Hemiptera: Aleyrodidae) in Australian cotton–pyriproxyfen, spirotetramat and buprofezin. Pest Management Science. 79(5): 1829-1839.
- Kalshoven, L.G.E. 1981. The Pests of Crops in Indonesia. Jakarta: PT Ichtiar Baru- Van Hoeve.
- Katono, K., S. Macfadyen, C. A. Omongo, J. Colvin, J. Karungi, and M. H. Otim. 2021. Mortality factors acting on field populations of *Bemisia tabaci* (Hemiptera: Aleyrodidae) SSA1 on cassava in Uganda. European Journal of Entomology. 118: 148-158.
- Khulaifi, H. 2012. Kepadatan populasi kutu kebul (*Bemisia tabaci* Genn.) dan pengaruhnya terhadap pertumbuhan kedelai. Doctoral dissertation, Universitas Islam Negeri Maulana Malik Ibrahim.
- Kumaji, S. S., dan A. S. Katili. 2019. Pemberdayaan masyarakat petani jagung (*Zea mays* L.) melalui pengembangan kelompok usaha bersama (kubek) melati. Jurnal Pengabdian Kepada Masyarakat. 25(1): 36-41.
- Kumar, A. R., S. Srivignesh, and K. Vijayalakshmi. 2021. Botanical classification, taxonomy and floral biology of *Solanum melongena* L. *Solanum melongena*: Production, Cultivation and Nutrition. Nova Science Publishers, Inc., New York, USA.
- Kumar, P., D. Kumar, P. Sharma, Monika, Vandana, Priyanka, and Arvind. 2025. A review of ecological engineering in pest management: a multidisciplinary and sustainable approach. Uttar Pradesh Journal Of Zoology. 46(5): 218-25.
- Kurniawan, H.A., dan Fitria. 2021. Life balance of whitefly (*Bemisia tabaci* Genn.)(Hemiptera: Aleyrodidae) in chili plant (*Capsicum annuum* L.). Agrinula: Jurnal Agroteknologi dan Perkebunan. 4(1): 22-26.
- Li, Y., G. N. Mbata, S. Punnuri, A. M. Simmons, and D. I. Shapiro-Ilan. 2021. *Bemisia tabaci* on vegetables in the southern United States: incidence, impact, and management. Insects. 12(3): 198-227.

- Lyu, J., L. Jin, X. Ma, Y. Li, M. Sun, N. Jin, S. Wang, L. Hu, and J. Yu. 2025. Agronomic and quality traits of 30 eggplant germplasm resources from China. *Plants*, 14(12): 1838.
- Maffei, M. E. 2010. Sites of synthesis, biochemistry and functional role of plant volatiles. *South African Journal of Botany*. 76(4): 612-631.
- Mashanda, A., R.R.A. Tarigan, dan Zamriyetti. 2024. Budidaya Terung Ungu Secara Organik. Medan: Tahta Media Group.
- Mufidah, K., A. Hayati and H. Zayadi. 2021. Ethnobotany study of corn (*Zea mays*. L) in Tamberu Village West Sokobanah Subdistrict Sampang Madura District. *Jurnal Ilmiah Biosaintropis (Bioscience-Tropic)*. 7(1): 1-8.
- Nabillah, A., I.S. Alamria, I.K.N. Sari, M. Sutrawati, dan H. Bustamam. 2024. Begomovirus yang berasosiasi dengan gejala mosaik kuning pada tanaman terung di bengkulu. *Jurnal Fitopatologi Indonesia*. 20(1): 47-53.
- Nandana, R. N., Y. Sanjaya, T. Hidayat, dan W. H. Sarfudin. 2023. Keragaman serangga pada tanaman terung ungu (*Solanum melongena*). *Paspalum : Jurnal Ilmiah Pertanian*. 11(1):117-122.
- Naranjo, S.E., and P.C. Ellsworth. 2017. Methodology for developing life tables for sessile insects in the field using the whitefly, *Bemisia tabaci*, in cotton as a model system. *Journal of Visualized Experiments*. 129(e56150): 1-12.
- Özgen, T., A. Balkaya, İ. Erper, and ŞM. Doğru. 2020. A comparison of phenotypic root characteristics in local eggplant genotypes (*Solanum melongena* L.) infected and non-infected with *Fusarium oxysporum* f. sp. *melongenae*. *Ekin Journal of Crop Breeding and Genetics*. 6(2):102-117.
- Rafika, A., Z. Zuraida, dan M. Muyassir. 2022. Aplikasi kompos terhadap sifat kimia tanah dan kandugan hara tanaman jagung pada lahan kering inceptisol Krueng Raya, Aceh Besar. *Jurnal Ilmiah Mahasiswa Pertanian*. 7(2): 665-671.
- Rahayuwati, S., P. Hidayat, dan S. H. Hidayat. 2020. Variasi morfologi puparium *Bemisia tabaci*(Gennadius)(Hemiptera: Aleyrodidae) pada berbagai inang dan ketinggian tempat dari daerah endemik penyakit kuning cabai di Wilayah Sundaland. *Jurnal Entomologi Indonesia*. 17(2): 61-69.
- Rasouli, F., M. Babla, L. Li, W. Liang, M. Yong, T. Ahmed, D. Tissue, S. Huda, and Z. Chen. 2023. Physiological and yield performance is partially linked to water use

efficiency of eggplant genotypes in a high-tech glasshouse. *Horticulturae*. 9(19): 1-14.

- Rohman, F., dan N.T. Haryadi. 2020. Kombinasi warna dan ketinggian sticky traps untuk mengendalikan *Bemisia Tabaci* (Gennadius)(Hemiptera: Aleyrodidae) pada tanaman kedelai Edamame. *Jurnal Bioindustri (Journal of Bioindustry)*. 2(2): 426-438.
- Safitri, B., S.U. Putri, D. Febria, dan W.A. Darma. 2024. Intensitas serangan kutu kebul pada tanaman tomat dengan pemberian pestisida nabati berbahan dasar daun tembakau. *Gontor Agrotech Science Journal*. 10(2): 165-172.
- Samputri, H. A., G. Guniarti, dan P.S. Djarwatiningsih. 2023. Pengaruh dosis POC kulit pisang dan guano terhadap pertumbuhan terong ungu (*Solanum melongena* L.). *Agro Bali: Agricultural Journal*. 6(2): 413-420.
- Sani, I., S.I. Ismail, S. Abdullah, J. Jalinas, S. Jamian, and N. Saad. 2020. A review of the biology and control of whitefly, *Bemisia tabaci* (Hemiptera: Aleyrodidae), with special reference to biological control using entomopathogenic fungi. *Insect*. 11(9): 619.
- Sari, I. 2021. Viabilitas benih terong (*Solanum melongena* L.) dengan pemberian POC bekicot. *Jurnal Agro Indragiri*. 8(2): 1-11.
- Shah, M.M.R., Z. Zhang, J. Hu, A. Gaber, and A. Hossain. 2023. Impact of leaf trichomes of tomatoes and weeds on the host selection and developmental bioassays of *Bemisia tabaci* Q and A cryptic species. *Heliyon*. 9(9): e20077.
- Shi, S., D. Li, S. Li, Y. Wang, X. Tang, Y. Liu, H. Ge, and H. Chen. 2023. Comparative transcriptomic analysis of early fruit development in eggplant (*Solanum melongena* L.) and functional characterization of SmOVATE5. *Plant Cell Reports*. 42(2): 321-336.
- Smith, H. A., and R. McSorley. 2000. Intercropping and pest management: a review of major concepts. *American Entomologist*. 46(3): 154-161.
- Sulistyo, A. 2014. Pemuliaan tanaman kedelai tahan kutu kebul (*Bemisia tabaci* Genn.). *Buletin Palawija*. (28): 65-72.
- Suryanto, A., N. Aini, T. Sumarni, E. E. Nurlaelih, N. Azizah dan A. Setiawan. 2023. *Dasar Budi Daya Tanaman*. Universitas Brawijaya Press.

- Tamilselvan, R., C.A. Mahalingam, S. Mohan Kumar and K. Senguttuvan. 2019. Biology of whitefly, *Bemisia tabaci* (Genn.) (Hemiptera, Aleyrodidae) on resistant and susceptible cotton genotypes. *Journal of Entomology and Zoology Studies*. 7(3): 644-647.
- Taufik, A. N., L. Berlian, M. U. Shavira, dan A. R. Ramadhan. 2020. Analisis keberadaan virus gemini pada tanaman terung di daerah penancangan kota Serang. In *Prosiding Seminar Nasional Pendidikan FKIP*. 3(1): 494-501.
- Tian, M., L. Xu, J. Jiang, S. Zhang, T. Liu, and Y. Xu. 2020. Host plant species of *Bemisia tabaci* affect orientational behavior of the ladybeetle *Serangium japonicum* and their implication for the biological control strategy of whiteflies. *Insects*. 11(7): 434.
- Venkataravanappa, V., M.H. Kodandaram, H.C. Prasanna, M. K. Reddy, and C.N.L. Reddy. 2023. Unraveling different begomoviruses, DNA satellites and cryptic species of *Bemisia tabaci* and their endosymbionts in vegetable ecosystem. *Microbial Pathogenesis*. 174(105892): 1-17.
- Wakchaure, G., P. Minhas, K. Meena, S. Kumar, and J. Rane. 2020. Effect of plant growth regulators and deficit irrigation on canopy traits, yield, water productivity and fruit quality of eggplant (*Solanum melongena* L.) grown in the water scarce environment. *Journal of Environmental Management*. 262(110320): 1-13.
- Wang, J., H. Hu, W. Wang, Q. Wei, T. Hu, and C. Bao. 2020. Genome-wide identification and functional characterization of the heat shock factor family in eggplant (*Solanum melongena* L.) under abiotic stress conditions. *Plants*, 9(7): 915.
- Wang, Y. M., Y. Z. He, S. S. Liu, and X. W. Wang. 2020. Research progress on the characteristics and mechanism of plant virus transmission by *Bemisia tabaci*. *Chinese Science Bulletin*. 65(15): 1463-1475.
- Wei, X., C. Chen, X. He, Y. Li, P. Bai, T. Liu, W. Ruan, and S. Rasman. 2025. Intercropping reduces root pest damage via repellent volatile compounds: insights from behavioural assays and transcriptomic analysis. *Plant, Cell & Environment*. 48: 5317–5329.
- Witjaksono, W., A. Soffan, dan M.A. Akbar. 2024. Pengaruh tanaman jagung sebagai penolak *Bemisia tabaci* (Gennadius) pada tanaman cabai. *Jurnal Entomologi Indonesia*. 21(1): 16-22.

- Xue, Y., Y. Wang, J. Chen, G. Zhang, W. Liu, F. Wan, and Y. Zhang. 2024. Disparities in genetic diversity drive the population displacement of two invasive cryptic species of the *Bemisia tabaci* complex in China. *International Journal of Molecular Sciences*. 25(14): 1-13.
- Yadav, S. K., D. K. Narwade, C. K. Panigrahi, G. Kumar, S. Rout, P. Shanker, K. Chaturved, A. K. Tiwari, and S. K. Pandey. 2025. Push-pull strategies and habitat manipulation for sustainable insect pest management in crops. *Uttar Pradesh Journal Of Zoology*. 46(3): 1–16.
- Yasin HG, M., Sumarno dan Amin Nur. 2015. Perakitan varietas unggul jagung fungsional. Jakarta : Pusat Penelitian dan Pengembangan Tanaman Pangan.
- Yuan, X., R. Matsuda, K. Hayashi, M. Toda and T. Watanabe. 2025. Pesticide residues in Japan's food supply: insights from 2013–2023 monitoring data. *Food Additives & Contaminants: Part A*. 42(10): 1365-1379.
- Yudha, E. P., dan E. M. Islami. 2023. Analisis daya saing ekspor terong (eggplants) Indonesia di pasar Jepang. *Prospek Agribisnis*. 2: 122-128
- Yudistira, N. W., F.M. Bayfurqon, Muharam, dan H. Rahmi. 2025. Respon pertumbuhan dan hasil tanaman terong ungu (*Solanum melongena* L.) dengan penggunaan berbagai jenis mulsa dan sistem tumpangsari dengan selada. *Jurnal Agroplasma*. 12(1): 36-44.
- Zhang, W., Y. Wang, G. Shen, W. Song, Y. Guo, and M. Li. 2025. Detection of *Bemisia tabaci* based on SwinIR super-resolution reconstruction and semantic-SAM model. *Computers and Electronics in Agriculture*. 237(110667): 1-14.
- Zhou, W., Y. Arcot, R.F. Medina, J. Bernal, L. Cisneros-Zevallos, and M.E.S. Akbulut. 2024. Integrated pest management: an update on the sustainability approach to crop protection. *ACS omega*. 9(40): 41130-41147.