

## DAFTAR PUSTAKA

- Agrios, G. N. 2005. Plant Pathology. 5<sup>th</sup>ed. Elsevier Academic Press, New York.
- Arsi, R. A. Syabana, S. d. N. Septariani, R. B. S. T. Widjayanti, T. Karenina, dan Junairiah. 2022. Virologi Tumbuhan. Yaysan Kita Menulis, Medan.
- Aulia, E., M. Sutrawati, dan T. Pamekas. 2022. Deteksi molekuler dan analisis genetik begomovirus pada tanaman cabai di Desa Pematang Donok. Jurnal Ilmu-Ilmu Pertanian Indonesia. 24(2): 69-74.
- Badan Pusat Statistik. 2021. Produksi Tanaman Buah-buahan 2020. <[https://www.bps.go.id/indicator/55/62/2/produksi-tanaman-buah->](https://www.bps.go.id/indicator/55/62/2/produksi-tanaman-buah-). Di akses pada Maret 2024.
- Breves, S. S., F. A. Silva, N. C. Euclides, T. F. Saia, J. Jean-Baptiste, E. R. Andrade Neto, and E. P. Fontes. 2023. Begomovirus–host interactions: viral proteins orchestrating intra and intercellular transport of viral dna while suppressing host defense mechanisms. Viruses. 15(7): 1593.
- Brown, J. K. 2007. The Bemisia tabaci complex: genetic and phenotypic variability drives begomovirus spread and virus diversification. Plant Disease Journal. 1: 25-56.
- Chan, Y. L., Lee, L. M., Shih, S. L., Kuo, F. H., and Kenyon, L. 2019. Survey of virus diseases affecting squash (*Cucurbita moschata*) in Taiwan. Acta Horticulture. 1257: 23–28
- Chodon, A., J. Karanthamalai, G. Pandi, and J. Tennyson. 2022. The begomovirus–host interplay in viral replication and movement. In Geminivirus: Detection, diagnosis and management. Academic Press. 397-419.
- Cohen, S., and M. J. Berlinger. 1986. Transmission and cultural control of whitefly-borne viruses. Agriculture, Ecosystems & Environment. 17(1-2): 89-97.
- Devi, R. G., C. Jothika, A. Sankari, S. Lakshmi, V. G. Malathi, and P. Renukadevi. 2023. Seed transmission of Begomoviruses: A potential threat for bitter gourd cultivation. Plants. 12(6): 1396.
- Dharmayanti, N. I. 2011. Filogenetika molekular : metode taksonomi organisme berdasarkan sejarah evolusi. Filogenetika Molekular: Metode Taksonomi Organisme Berdasarkan Sejarah Evolusi. 30: 1–10.
- Dhillon, N. P., S. Srimat, S. Laenoi, A. Bhunchoth , B. Phuangrat, N. Warin , R. Deeto, O. Chatchawankanphanich, K. Na Jom, S. Sae-tan, Suk-Woo J., Hyungjun N., R. Schafleitner, Yuan-Li C., B. Picó, C. Sáez, and L. Kenyon. 2021. Resistance to three distinct Begomovirus species in the agronomical superior tropical pumpkin line AVPU1426 developed at the world vegetable center. Agronomy. 11(6): 1256.
- Fiallo-Olivé, E., J. M. Lett, D. P. Martin, P. Roumagnac, A. Varsani, F. M. Zerbini, and J. Navas-Castillo. 2021. ICTV Report Consortium. 2021. ICTV virus taxonomy profile: Geminiviridae 2021. Journal of General Virology. 102(12): 001696.
- Fiallo-Olivé, E. and J. Navas-Castillo. 2023. Begomoviruses: what is the secret(s) of their success?. Trends in Plant Science. 28(6): 715-727.
- Hasyim, A. and Wiwin Setiawati, L. 2016. Kutu Kebul *Bemisia tabaci* Gennadius (Hemiptera: Aleyrodidae) penyebar penyakit virus mosaik kuning pada tanaman terung. IPTEK Hortikultura. 2: 50-54.
- Helina, S., T. N. Aeny, and I. Ivayani. 2021. Simultaneous detection of virus infecting tobacco plant using multiplex-PCR in Klaten, Indonesia. Archives of Phytopathology and Plant Protection. 54(19-20): 1838-1847.

- Hidayat, P., H.A. Kurniawan, L. Afifah, and H. Triwidodo. 2018. Siklus hidup dan statistik demografi kutukebul *Bemisia tabaci* (Gennadius)(Hemiptera: Aleyrodidae) biotipe B dan non-B pada tanaman cabai (*Capsicum annuum* L.). Jurnal Entomologi Indonesia. 14(3): 143.
- Hogenhout, S. A., E. D. Ammar, A. E. Whitfield, and M. G. Redinbaugh. 2008. Insect vector interactions with persistently transmitted viruses. Annual Review Phytopathology. 46(1): 327-359.
- International Committee on Taxonomy of Viruses. 2021. Virus Taxonomy: 2020 Release. <https://talk.ictvonline.org/taxonomy/> . Diakses pada Maret 2024.
- Irawan, B. 2013. Karsinologi dengan penjelasan deskriptif dan fungsional. Airlangga University Press, Surabaya.
- Lubis, K. 2014. Cara pembuatan pohon filogeni. Jurnal Pengabdian Kepada Masyarakat. 20(75): 66–69.
- Martin, D. P., E. Van der Walt, D. Posada, and E. P. Rybicki. 2005. The evolutionary value of recombination is constrained by genome modularity. PLoS genetics. 1(4).
- Maulani, N. W. 2019. Pengaruh kombinasi dosis pupuk organik dan pupuk kalium terhadap pertumbuhan dan hasil tanaman melon (*Cucumis melo* L) varietas Madesta F1. Jurnal Agrotek. 6(2): 59-76.
- Mohamed, M. A. 2012. Impact of planting dates, spaces and varieties on infestation of cucumber plants with whitefly, *Bemisia tabaci* (Genn.). The Journal of Basic and Applied Zoology. 65:17–20.
- Nidianti, E., A. S. Subiastuti, A. F. Yusuf, W. A. Wibowo, P. H. Ramadhani, and B. S. Daryono. 2023. Biological response and molecular identification of the begomovirus infection in the new Indonesian melon genotype kinaya. Pakistan Journal of Phytopathology. 35(2): 223-234.
- Noveriza, R., G. Suastika, S. H. Hidayat, dan U. Kartosuwondo. 2012. Penularan Potyvirus penyebab penyakit mosaik pada tanaman nilam melalui vektor *Aphis gossypii*. Jurnal Fitopatologi Indonesia. 8(3): 65-65.
- Puspitasari, D. 2023. Si Melon Manis dari Serang. <<https://hortikultura.pertanian.go.id>> Diakses 31 Maret 2023.
- Ranjan, P., A. K. Singh, R. V. Kumar, S. Basu, and S. Chakraborty. 2014. Host-specific adaptation of diverse betasatellites associated with distinct Indian tomato-infecting begomoviruses. Virus Genes. 48: 334-342.
- Rao, M. K., M. Adinarayana, G. Sunkad, A. K. Patibanda, T. Madhumathi, B. R. Sayiprathap. 2023. Molecular Variability of *Yellow Mosaic Virus* (YMV) of Blackgram in Southern India. Legume Research-An International Journal. 46(2): 222-227.
- Revill P. A., C. V. Ha, S. C. Porchun, M. T. Vu, and J. L. Dale. 2003. The complete nucleotide sequence of two distinct geminiviruses infecting cucurbits in Vietnam. Arch Virol. 148(8):1523–1541.
- Rukmana, R. 1994. Melon Hibrida. Kanisius, Yogyakarta.
- Roshan, P., A. Kulshreshtha, and V. Hallan. 2017. Genome organization of Begomoviruses. Begomoviruses: occurrence and management in Asia and Africa. 11-32.
- Roy, B., P. Chakraborty, & A. Ghosh. 2021. How many begomovirus copies are acquired and inoculated by its vector, whitefly (*Bemisia tabaci*) during feeding?. PloS one. 16(10).

- Sanderfoot, A. A., and S. G. Lazarowitz. 1996. Getting it together in plant virus movement: cooperative interactions between bipartite geminivirus movement proteins. *Trends in cell biology*. 6(9): 353-358.
- Saritha, R. K., T. K. Bag, M. Loganathan, A. B. Rai and M. Rai. 2011. First report of *Squash leaf curl china virus* causing mosaic symptoms on summer squash (*Cucurbita pepo*) grown in Varanasi district of India. *Archives of Phytopathology and Plant Protection*. 44:179–185.
- Setianah, H., I. A. Nugraheni, dan A. F. A., Hilal. 2020. Deteksi serologi *Squash Mosaic Virus* (SqMV) pada tanaman melon (*Cucumis melo* L.) dengan metode ELISA. In *Prosiding University Research Colloquium. Proceeding of The 11th University Research Colloquium 2020: Bidang Sains dan Teknologi*.
- Setiadi, P. 2008. *Bertanam Melon*. Penebar Swadaya, Jakarta.
- Singarimbun, M. A., M. I. Pinem, dan S. Oemry. 2017. Hubungan Antara Populasi Kutu Kebul (*Bemisia tabaci* Genn.) dan Kejadian Penyakit Kuning pada Tanaman Cabai (*Capsicum annum* L.). *Jurnal Agroekoteknologi*. 5(4): 847-854.
- Subiastuti, A. S., S. Hartono, dan B. S. Daryono. 2019. Detection and identification of Begomovirus infecting Cucurbitaceae and Solanaceae in Yogyakarta, Indonesia. *Biodiversitas Journal of Biological Diversity*. 20(3): 738- 744
- Subagyo, V. N. O., & P. Hidayat. 2014. Neraca kehidupan kutukebul *Bemisia tabaci* (Gennadius)(Hemiptera: Aleyrodidae) pada tanaman cabai dan gulma babadotan pada suhu 25° C dan 29° C. *Jurnal Entomologi Indonesia*. 11(1): 11-11.
- Sudiono, S.H.H., R. Suseno, and S. Sosromarsono. 2004. Penggunaan teknik PCR dan RFLP untuk deteksi dan analisis keragaman virus gemini pada tanaman tomat yang berasal dari berbagai daerah di Jawa Barat dan Lampung. *Jurnal Hama dan Penyakit Tumbuhan Tropika*. 4(2): 89-93.
- Sufrin-Ringwald, T., and L. Lapidot. 2011. Characterization of a synergistic interaction between two cucurbit-infecting begomoviruses: *Squash leaf curl virus* and *Watermelon chlorotic stunt virus*. *Phytopathology*. 101(2): 281-289.
- Supriyanta, B., F. R. Kodong, I. Widowati, dan F. A. Siswanto. 2021. *Hidroponik Melon Premium*. Lembaga Penelitian dan Pengabdian Kepada Masyarakat UPN “Veteran”, Yogyakarta.
- Susanti, D., R. Widyastuti, dan A. Sulistyio. 2015. Aktivitas antifeedant dan antioviposisi ekstrak daun tithonia terhadap kutu kebul. *Agrosains: Jurnal Penelitian Agronomi*. 17(2): 33-38.
- Srivastava, H. Bisht, O. P. Sidhu, A. Srivastava, P. C. Singh, R. M. Pandey, S. K. Raj, Raja Roy, and C. S. Nautiyal. 2011. Changes in the metabolome and histopathology of *Amaranthus hypochondriacus* L. in response to Ageratum enation virus infection. *Phytochemistry*. 80: 8-16.
- Tahir, M., M. S. Haider and R. W. Briddon. 2010. First report of *Squash leaf curl China virus* in Pakistan. *Australasian Plant Disease Notes*, 5:21–24.
- Varsani, A., P. Roumagnac, M. Fuchs, J. Navas-Castillo, E. Moriones, A. Idris, R. W. Briddon, R. Rivera-Bustamante, F. M. Zerbini and D. P. Martin. 2017. Capulavirus and Grablovirus: two new genera in the family Geminiviridae. *Archives of Virology*. 162: 1819-1831.
- Vo, T. T. B., A. Lal, B. Nattanong, M. Tabassum, M. A. Qureshi, E. Troiano, G. Parrella, E. J. Kil and S. Lee. 2023. Coat protein is responsible for *Tomato leaf curl New Delhi virus* pathogenicity in tomato. *Frontiers in Plant Science*. 14:1-11.



- Wahyuni, I., M. Windarningsih, dan A. Nikmatullah. 2018. Dinamika Populasi Hama Penghisap Daun dan Kejadian Gejala Serangan Geminivirus pada Tanaman Cabai (*Capsicum annum* L.) di Sembalun. *Crop Agro*: 1-14.
- Wilisiani, F., S. Somowiyarjo, S. dan S. Hartono. 2014. Identifikasi molekuler virus penyebab penyakit daun keriting isolat bantul pada melon. *Jurnal Perlindungan Tanaman Indonesia*. 18(1): 47-54.
- Xiongbiao X., Qing Z., Jian H., Zhenghe L., Xiaokang Z., and Xueping Z. 2019. Cryo-EM structure of a begomovirus geminate particle. *International Journal of Molecular Sciences*. 20(7): 1738.
- Zhang, Y., and A. R. Fernie, 2018. On the role of the tricarboxylic acid cycle in plant productivity. *Journal of integrative plant biology*. 60(12): 1199-1216.