

DAFTAR PUSTAKA

- Anuradha, C., Selvarajan, R., Vasantha, S., & Suresha, G. S. 2015. Biochemical characterization of compatible plant virus interaction: a case study with bunchy top virus banana host pathosystem. *Plant Pathology Journal*, 14 (4): 212-222.
- Anuradha, C., & Selvarajan, R. 2021. Biochemical alterations in banana cultivars infected systemically by banana bract mosaic virus (BBrMV). *Journal of Pharmacognosy and Phytochemistry*, 10(1): 2619-2627.
- Badan Pusat Statistik. 2022. *Statistik tanaman buah-buahan dan sayuran tahunan*. Badan Pusat Statistik, Jakarta.
- Bahar, T., Qureshi, A. M., Qurashi, F., Abid, M., Zahra, M. B., & Haider, M. S. 2021. Changes in phyto-chemical status upon viral infections in plant: A critical review. *Phyton*, 90(1): 75.
- Budiman, L., & Aji, P. 2009. *Pengembangan digital library biologi. (On-Line)*, Lembaga Ilmu Pengetahuan Indonesia, <http://lipi.go.id> diakses 24 Oktober 2021.
- Chiaki, Y., Nasir, N., Herwina, H., Sonoda, A., Fukumoto, T., Nakamura, M., & Iwai, H. 2015. Genetic structure and diversity of the banana bunchy top virus population on Sumatra island, Indonesia. *European journal of plant pathology*, 143(1): 113-122.
- Cilia, M., Tamborindéguy, C., Fish, T., Howe, K., Thannhauser, T. W., & Gray, S. 2011. Genetics coupled to quantitative intact proteomics links heritable aphid and endosymbiont protein expression to circulative polerovirus transmission. *Journal of virology*, 85(5): 2148-2166.
- Dhamayanti, N., Tiwow, V. M., & Nuryanti, S. 2018. Penentuan kadar protein dan karbohidrat pada limbah batang pohon pisang kepok (*Musa paradisiaca normalis*). *Jurnal Akademika Kimia*, 7(4): 168-172.
- Direktorat Perlindungan Hortikultura. 2021. *Laporan kinerja direktorat jenderal hortikultura tahun anggaran 2020*. Kementerian Pertanian, Direktorat Jenderal Hortikultura, Jakarta.
- Fadhlullah, H. R., Wardoyo, E. R. P., & Zakiah, Z. 2021. Respon morfologi, biomassa, dan kandungan klorofil daun mimosa air (*Neptunia oleracea* L.) pada air yang terpapar merkuri klorida (HgCl₂). *Jurnal Protobiont*, 9(3).

- Furuya, N., Dizon, T., & Natsuaki, K. 2006. Molecular characterization of banana bunchy top virus and cucumber mosaic virus from abaca (*Musa textilis* Nee). *Journal of Agricultural Science*, 51(1): 92–101.
- Harjanto, S. 2017. Perbandingan pembacaan absorbansi menggunakan spectronic 20 D+ dan spectrophotometer UV-Vis T 60U dalam penentuan kadar protein dengan larutan standar BSA. *Jurnal Kimia Sains dan Aplikasi*, 20(3): 114-116.
- Hendry, GAF, & Grime, JP. 1993. *Methods in Comparative Plant Ecology a Laboratory Manual*. Springer-Science Business Media, United Kingdom
- Hidayat, S. H., Mutaqin, K. H., & Sutanto, A. 2021. Survey of Banana bunchy top virus on non-cultivated bananas in West Java. In *IOP Conference Series: Earth and Environmental Science*. Maret, Indonesia, 694(1): 12-44.
- Higginson, E. J., Font, C., Quijala, I., Gonzalez, G., Fonseca, M. A., Echemendía, A. L., & Teycheney, P. Y. 2016. Presence of Banana streak viruses on the cultivar FHIA 23 in Cuba. *Fitosanidad Journal*, 20(2): 93-94.
- Hooks, C. R. R., Wright, M. G., Kabasawa, D. S., Manandhar, R., & Almeida, R. P. P. 2008. Effect of banana bunchy top virus infection on morphology and growth characteristics of banana. *Annals of Applied Biology*, 153(1): 1-9.
- Hooks, C.R.R., Manandhar, R., Perez, EP., Wang, K-H, & Almeida, R.P.P. 2009. Comparative susceptibility of two banana cultivars to banana bunchy top virus under laboratory and field environments. *J. Econ Entomol*, 102(1): 897– 904.
- Islam, W., Naveed, H., Zaynab, M., Huang, Z., & Chen, H. Y. 2019. Plant defense against virus diseases growth hormones in highlights. *Plant signaling & behavior*, 14(6): 1559-2234.
- Jones, R. A. C. 2021. Global Plant Virus Disease Pandemics and Epidemics. *Plants Journal*, 10(1):1-42.
- Kaleka, N. 2013. *Pisang-pisang komersial*. Solo. Arcita.
- Kaur, S., Samota, M. K., Choudhary, M., Choudhary, M., Pandey, A. K., Sharma, A., & Thakur, J. 2022. How do plants defend themselves against pathogens-biochemical mechanisms and genetic interventions. *Journal Physiology and Molecular Biology of Plants*, 28(2): 485-504.
- Kementrian Pertanian. 2012. *Rencana kinerja tahunan kementrian pertanian*. Kementrian Pertanian, Departemen Pusat Data dan Sistem Informasi Pertanian, Jakarta.

- Kementerian Koordinator Bidang Perekonomian. 2020. *Pisang jadi andalan pemerintah tingkatkan ekspor dan majukan pertanian daerah outlook komoditi pisang 2014*. Kementerian Koordinator Bidang Perekonomian Kementerian Pertanian, Bidang Departemen Hubungan Masyarakat Pusat Data dan Sistem Informasi Pertanian, Jakarta.
- Kumar, S., & Chakrabarty, S. K. 2023. L-DOPA assay of polyphenol oxidase (PPO) for varietal identification in rice (*Oryza sativa*). *Seed Science and Technology Journal*, 51(1): 1-7.
- Kurnianingsih, R., Ghazali, M., & Astuti, S. P. 2018. Karakterisasi morfologi tanaman pisang di daerah Lombok. *Jurnal biologi tropis*, 18(2): 235-240.
- Kusmartono, B., Yuniwati, M., & Adzkiyaa, Z. 2021. Pemanfaatan serat pohon pisang kepok (*Musa paradisiacal L*) sebagai bahan baku pembuatan hardboard. *Jurnal Teknologi*, 14(1): 91-98.
- Leiwakabessy M., Nurulita S., & Hidayat S. H. 2017. Disease incidence and molecular analysis of banana bunchy top virus in Bogor, West Java. *Tesis*. Institut Pertanian Bogor, Bogor
- Lia, H., & Dewi, A. L. 2016. Fruit characteristic and nutrient values of four Indonesian banana cultivars (*Musa spp.*) at different genomic groups, agrivita. *J. Agric. Sci*, 38(3): 303-311.
- Madhumitha, B., Karthikeyan, A., Devi, G. P., Aiyathan, K. E. A., & Sudha, M. 2020. Comparative evaluation of biochemical changes in the leaves of resistant and susceptible mungbean plants infected by mungbean yellow mosaic virus. *Research Journal of Biotechnology*, 15(2).
- Mokolintad, S., Maramis, R., & Makal, H. 2021. Insidensi penyakit kerdil (bunchy top virus) pada tanaman pisang (*Musa paradisiaca L*) di kecamatan Aer Tembaga, kota Bitung. *In Cocos Journal*, 2(2).
- Niyongere, C., T. Losenge, E.M. Ateka, D. Nkezabahizi, G. Blomme, & P. Lepoint. 2012. Occurrence and distribution of banana bunchy top disease in the Great Lakes region of Africa. *Journal Tree and Forestry Science and Biotechnology*, 6(1): 102–107.
- Nurhadi, A., & Setyobudi, L. 2000. Status of banana and citrus viral diseases in Indonesia. *Proceedings of a regional workshop on disease management of banana and citrus through the use of disease-free planting materials held in October 14-16, Davao city, Philippines*. P. 135-148.

- Pandey, M. K., & Singh, A. 2019. Total phenols and sugar content in wheat resistant and susceptible cultivars against karnal bunt. *Plant Archives Journal*, 19(1): 101-103.
- Prihatman, K. 2000. Pisang (*Musa spp.*). BPP Teknologi, Jakarta.
- Qazi J. 2016. Banana bunchy top virus and the bunchy top disease. *Journal Gen Plant Pathol*, 82(1): 2-11.
- Rabani, B. 2009. Aplikasi Teknik Topping Pada Perbanyakan Benih Pisang (*Musa paradisiaca L.*) Dari Benih Anakan dan Kultur Jaringan. *Skripsi*. Fakultas Pertanian, Institut Pertanian Bogor, Bogor.
- Rahayuniati, R. F., Hartono, S., Somowiyarjo, S., Subandiyah, S., & Thomas, J. E. 2021a. Characterization of banana bunchy top virus on Sumatra (Indonesia) wild banana. *Biodiversitas Journal of Biological Diversity*, 22(3): 1243-1249.
- Rahayuniati, R.F., Subandiyah, S., Hartono S., Somowiyarjo S., Kurniawan, R. E. K., Prakoso A. B., Crew, K., Vance, M. E., Ray, J. D., & Thomas, J. E. 2021b. Recent distribution and diversity analysis on banana bunchy top virus of banana and alternative host in Indonesia. *Tropical Plant Pathology*, 46: 506–517. DOI: 0.1007/s40858-021-00443-3
- Rahayuniati, R. F., & Subandiyah, S. 2022. Symptom expression and resistance of some banana cultivars to banana bunchy top virus infection. *Journal Agriculture and Natural Resources*, 56(5): 1019-1028.
- Rahmah, S., Maryana, N., & Hidayat, P. 2021. Host preference of *Pentalonia nigronervosa* Coquerel and *P. caladii* van der Goot (Hemiptera: Aphididae) on various host plants. In *IOP Conference Series: Earth and Environmental Science. Maret, Indonesia*, 694(1): 12-50.
- Rencana Kinerja Tahunan Kementerian Pertanian*. 2012. Kementerian Pertanian, Jakarta.
- Rizkyarti, A. 2010. Perhitungan Intensitas Penyakit. *Laporan penelitian*. Fakultas Pertanian, Institut Pertanian Bogor, Bogor.
- Robert-Guroff, M. 2007. Replicating and non-replicating viral vectors for vaccine development. *J. Current opinion in biotechnology*, 18(6): 546-556.
- Setyawati, A. 2011. Preferensi dan kecocokan inang *Pentalonia nigronervosa* Coquerel (Hemiptera: Aphididae) terhadap berbagai varietas pisang. *Jurnal Entomologi Indonesia*, 8(2): 73-73.

- Siddique, Z., Akhtar, Hameed, Sarwar, Ul Haq, I., & Khan. 2014. Biochemical alterations in leaves of resistant and susceptible cotton genotypes infected systemically by cotton leaf curl Burewala virus. *Plant Interact Journal*, 9(1): 702-711.
- Sofy, A. R., El-DougDoug, K. A., Mousa, A. A., & Refaey, E. E. 2017. Impact of two TYLCV Egyptian isolates on metabolic and antioxidant activities in some tomato cultivars. *International Journal of Advanced Research in Biological Sciences*, 4(2): 110–133.
- Stainton, D., Martin, D. P., Muhire, B.M., Lolohea, S., Halafihi, M., Leipont, P., Blomme, G., Crew, K.S., Sharman, M., & Krabeger, S. 2015. The global distribution of Banana bunchy top virus reveals little evidence for frequent recent, humanmediated long distance dispersal events. *Virus Evolution Journal*, 1(1): 1-16.
- Sunarjono, H. 2002. *Budidaya Pisang dengan Bibit Kultur Jaringan*. Penebar Swadaya, Jakarta.
- Syaiful, A., Rosyida, R., Florentina, K., Budi Adi, K., & Karno, K. B. H. 2019. Penerapan teknologi aklimatisasi bibit pisang hasil kultur jaringan di kecamatan Bandar kabupaten Batang. *Jurnal DIANMAS*, 8(1): 39-46.
- Tanuja, N., Ramanathan, A., Vanitha, S., Soorianathasundaram, K., & Kumar, K. K. 2019. Differential biochemical response among banana (*Musa spp.*) genotypes against banana bunchy top virus (BBTV). *British Journal of Applied Science & Technology*, 38(6): 1-11
- Thomas, J.E. 2008. Banana Bunchy Top Virus. P. 94-100. In Mahy B.W.J & M.H.V. Van Regenmortel (Eds.), *Desk Encyclopedia of Plant and Fungal Virology*. Vol. 2. Elsevier Ltd, London.
- Wafa, G. 2020. Pengaruh Kombinasi Lama Perendaman Bibit Dalam Air Kelapa dan Takaran Pupuk Kandang Puyuh Pada Media Tanam Terhadap Pertumbuhan Bibit Pisang (*Musa spp.*) Kultivar Cavendish. *Doctoral dissertation*. Universitas Siliwangi, Palembang.
- Wahidah, D. N., Sutrawati, M., & Nadrawati, N. 2022. Uji Ketahanan Tiga Varietas Pisang (*Musa sp.*) Terhadap Isolat Banana Bunchy Top Virus (BBTV). *Proceedings of Agriculture In Agropross National Conference*, October 19, Jember. P. 354-365.
- Wang, N. S. 2022. Sucrose assay by the dinitrosalicylic colorimetric methode. *experiment No. 9D*. University of Maryland, Maryland.

- Waterhouse D.F. 1987. *Pentalonia nigronervosa* Coquerel. P. 42-49. In: Waterhouse DF and Norris KR (Eds.), *Biological Control: Pacific Prospects Chapter. 6*. Inkata Press, Melbourne.
- Wirya, G. N. A. S., Sudiarta, I. P., & Selangga, D. G. W. 2020. Disease severity and molecular identification of banana bunchy top virus, infecting local banana in Bali Island. *Jurnal Perlindungan Tanaman Indonesia*, 24(1): 11-16.
- Zhao, J., Zhang, X., Hong, Y., & Liu, Y. 2016. Chloroplast in plant-virus interaction. *Frontiers in Microbiol*, 7(1): 1565.

