

## DAFTAR PUSTAKA

- Aliansa, W., Ifayatin, H. N., & Saputra, R. A. 2023. Segmentasi Kematangan Pisang Raja Berbasis Fitur Warna HSV Menggunakan Metode KNN. *J-SAKTI (Jurnal Sains Komputer dan Informatika)*, 7(2), 595-608.
- Aprilia, I., Maharijaya, A., & Wiyono, S. 2020. Keragaman genetik dan ketahanan terhadap penyakit layu fusarium (*Fusarium oxysporum* f.sp cepae) bawang merah (*Allium cepa* L. var. *aggregatum*) Indonesia. *Jurnal Hortikultura Indonesia*, 11(1): 32-40.
- Bagariang, W., Hidayat, P., & Hidayat, S. H. 2019. Morphometric analysis and host range of the genus *Pentalonia* Coquerel (Hemiptera: Aphididae) infesting banana in Java. *Jurnal Perlindungan Tanaman Indonesia*, 23(2), 171-178.
- Balqis, Y. A., Gunawan, B., & Suparman, S. H. K. 2023. Biology of *Pentalonia nigronervosa* and its efficiency as a vector of banana bunchy top virus after being bred in rat taro (*Typhonium flagelliforme*). *Jurnal Lahan Suboptimal: Journal of Suboptimal Lands*, 12(2), 152-163.
- Badan Pusat Statistik. 2023. Produktivitas Pisang 5 Tahun Terakhir, 2017-2020. *Online*. <https://www.bps.go.id/>. Diakses pada 1 Oktober 2023.
- Calvo, D., & Fereres, A. 2011. The performance of an aphid parasitoid is negatively affected by the presence of a circulative plant virus. *BioControl*, 56(5), 747–757.
- Footit, R. G. and Maw, H. E. L. 2019. Geographic distribution, host preferences and molecular diversity within the genus *Pentalonia* (Hemiptera: Aphididae). *Zootaxa*, 4701: 383-391.
- Grigoras, I., Vetten, H. J., Commandeur, U., Ziebell, H., Gronenborn, B., & Timchenko, T. 2018. Nanovirus DNA-N encodes a protein mandatory for aphid transmission. *Virology*, 522, 281-291.
- Hairuddin, R., & Ariani, N.P. 2017. Pengaruh pemberian pupuk organik cair (POC) batang pisang (*Musa* sp.) terhadap pertumbuhan dan produktivitas tanaman bawang merah (*Allium ascolanicum* L.). *Perbal: Jurnal Pertanian Berkelanjutan*, 5(3): 31-40.
- Hu, J. S., Wang, M., Sether, D., Xie, W., & Leonhardt, K. W. 1996. Use of polymerase chain reaction (PCR) to study transmission of banana bunchy top virus by the banana aphid (*Pentalonia nigronervosa*). *Annals of Applied Biology*, 128(1), 55–64.

- Husain, A. H., Murniati, K., & Nugraha, A. 2020. Analisis kepuasan dan loyalitas konsumen terhadap pisang raja sereh dan pisang cavendish di kota Bandar Lampung. *JIIA*, 8(1), 39–47.
- Hidayati, T. N., & Suhartini, S. 2018. Analisis daya saing ekspor pisang (*Musa paradiaca* L.) Indonesia di pasar ASEAN dalam menghadapi Masyarakat Ekonomi ASEAN (MEA). *Jurnal Ekonomi Pertanian dan Agribisnis*, 2(4): 267-278.
- Hooks, Cerruti R. R., Steve Fukuda, Eden A. Perez, Roshan Manandhar, Koon Hui Wang, Mark G. Wright, and Rodrigo P. P. Almeida. 2009. Aphid Transmission of Banana Bunchy Top Virus to Bananas after Treatment with a Bananacide. *Journal of Economic Entomology*, 102(2):493–99.
- 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): 1-42.
- Leiwakabessy M., Nurulita S., & Hidayat SH. 2017. Disease Incidence and Molecular Analysis of *Banana bunchy top virus* in Bogor, West Java.
- Li, W. M. Dita, M., Wu, W., Hu, G. B., Xie, J. H., & Ge, X. J. 2015. Resistance sources to *Fusarium oxysporum* f. sp. *cubense* tropical race 4. *Functional & Integrative Genomics*, 20 (4): 551-562.
- Mathers, T. C., Mugford, S. T., Hogenhout, S. A., & Tripathi, L. 2020. Genome sequence of the banana aphid, *Pentalonia nigronervosa* Coquerel (Hemiptera: Aphididae) and its symbionts. *G3: Genes, Genomes, Genetics*, 10(12), 4315-4321.
- Miller, R. H., Duay, J. A. M., Pike, K. S., Maw, E., & Footitt, R. G. 2014. Review and key to aphids (Hemiptera: Aphididae) in Micronesia. *Pacific Science*, 68(4), 479-492.
- Nelson, S.C., Ploetz, R.C., & Kepler, A.K. 2006. *Musa* species (banana and plantain). *Species profiles for Pasific Island agroforestry*, 15(2): 251-259.
- Ngatat, S., Hanna, R., Lienou, J., Ghogomu, R. T., Nguidang, S. P. K., Enoh, A. C., & Kumar, P. L. 2022. *Musa* germplasm A and B genomic composition differentially affects their susceptibility to banana bunchy top virus and its aphid vector, *Pentalonia nigronervosa*. *Plants*, 11(9), 1206.
- Oktarida, R., Suparman, S. H. K., & Hamidson, H. 2022. Pengaruh spesies tumbuhan araceae terhadap efisiensi penularan banana bunchy top virus oleh

*Pentalonia nigronervosa*. *Sainmatika: Jurnal Ilmiah Matematika dan Ilmu Pengetahuan Alam*, 19(1), 66-73.

- Paofa, J., Sardos, J., Christelova, P., Dolez, J., & Roux, N. 2018. Collection of new diversity of wild and cultivated bananas (*Musa* spp) in the autonomous region of bougainville, papua new guinea. *Genetic Resources and Crop Evolution*, 65: 2267-2286.
- Pertiwi, T. K., Hidayat, S. H. and Winasa I. W. 2022. The potential of *Pentalonia nigronervosa* Coq. and *Pentalonia caladii* van der Goot as vectors of Banana bunchy top virus. *International Journal of Agricultural Technology*. 18(6):2509-2522.
- Ploetz, R.C., Kema, G.H.C., & Ma, L.J. 2015. Impact of diseases on export and smallholder production of banana. *Annual review of phytopathology*, 53(13): 1-20.
- Qazi, Javaria. 2016. Banana Bunchy Top Virus and the Bunchy Top Disease. *Journal of General Plant Pathology* 82(1):2–11.
- 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. *IOP Conference Series: Earth and Environmental Science*, 694(1).
- Rajan P. 1981. Biology of *Pentalonia nigronervosa* f. *caladii* van der Goot, vector of 'katte' disease of cardamom. *J Plant Crops*, 9: 34-41.
- Ramakrishna, A., Reddy, B. D., & Khaire, P. B. 2020. Integrated Disease Management Strategies of Banana Diseases. *Agricultural Science and Green Energy*. 1(05), 26–30.
- 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.
- Samways MJ. 1979. Immigration, population growth and mortality of insects and mites on cassava. *Brazil Bull Entomol Res*, 69: 491–505.
- Saptaningtyas, W. W. E., & Nurwidayati, T. 2020. Kajian literatur menuju ekonomi sirkular untuk pisang dan produk olahannya. *PROSIDING SNITT POLTEKBA*, 4: 515-522.
- Suparman, S., Nurhayati, N., & Setyawaty, A. 2011. Preferensi dan Kecocokan Inang *Pentalonia nigronervosa* Coquerel (Hemiptera: Aphididae) terhadap Berbagai Varietas Pisang. *Jurnal Entomologi Indonesia*, 8(2), 73-84.

- Suparman., Gunawan, B., Pijiastuti, Y., Arsi., & Cameron, R. 2017. Alternative host of banana aphid *Pentalonia nigronervosa* Coq. (Hemiptera: Aphididae), the vector transmitting banana bunchy top virus. *Journal of Advanced Agricultural Technologies*, 4(4), 354-359.
- Sutrawati, M., & Ginting, S. (2020). First report of banana bunchy top disease on banana in Bengkulu. *Plant Disease*, 3(2), 82–87.
- Syaiful, A., Rosyida, R., Florentina, K., Budi Adi, K., & Karno Karno, B. H. 2019. Penerapan teknologi aklimatisasi bibit pisang hasil kultur jaringan di Kecamatan Bandar Kabupaten Batang. *Jurnal DIANMAS*, 8(1), 39-46.
- Tricahyati, T., Suparman, S., & Irsan, C. 2022. Pengaruh Umur Kematian Tanaman Sumber Inokulum Banana Bunchy Top Virus Terhadap Efisiensi Penularannya. *Sainmatika: Jurnal Ilmiah Matematika dan Ilmu Pengetahuan Alam*, 19(1), 55-65.
- Wahidah, D. N., Sutrawati, M., & Nadrawati, N. 2022. Uji ketahanan tiga varietas pisang (*Musa sp.*) terhadap isolat banana bunchy top virus (BBTV). *Agropross : National Conference Proceedings of Agriculture*, 354–365.
- Widyastuti, D., & Hidayat, S. H. 2005. Pengaruh Waktu Infeksi Virus Kerdil Pisang Terhadap Kerentanan Tiga Kultivar. *Jurnal Hama dan Penyakit Tumbuhan Tropika*, 5(1), 42-49.
- Yulianti, T., Hartati, S.Y., & Indrayanti, R. 2017. Uji ketahanan nilam terhadap *Synchytrium pogostemonis* penyebab penyakit budok dan potensi pengenalannya dengan pestisida nabati. *Bioma*, 13 (2): 90-99.
- Zhao, J., Zhang, X., Hong, Y., & Liu, Y. 2016. Chloroplast in plant-virus interaction. *Frontiers in Microbiol*, 7(1): 1565