

DAFTAR PUSTAKA

- Ahmed, S., Sharma, A., Singh, A. K., Wali, V. K., & Kumari, P. (2014). In Vitro Multiplication of Banana (*Musa* sp.) cv. Grand Naine. *African Journal of Biotechnology*, 13(27). DOI: 10.5897/AJB2014.13750
- Anshori, I., Isminingsih, S., Nurmayulis, N., & Susiyanti, S. (2022). Respon Tunas Pisang Merah (*Musa acuminata* Red Dacca) Asal Banten Secara *In Vitro* Akibat Pemberian *Benzyl Amino Purin* dan *Indole Acetic Acid* Berbagai Konsentrasi. *Jurnal Agroekoteknologi*, 14(2), 151-169.
- Avivi, S., Soedarmo, S. H., & Prasetyo, P. A. (2013). Multiplikasi Tunas dan Aklimatisasi Tiga Varietas Pisang: Raja Nangka, Kepok, dan Mas. *Jurnal Hortikultura Indonesia*, 4(2), 83-89. DOI: <https://doi.org/10.29244/jhi.4.2.83-89>
- Bao, Y., Aggarwal, P., Robbins, N. E., Sturrock, C. J., Thompson, M. C., Tan, H. Q., & Dinneny, J. R. (2014). Plant Roots Use a Patterning Mechanism to Position Lateral Root Branches Toward Available Water. *Proceedings of the National Academy of Sciences*, 111(25), 9319-9324. DOI: <https://doi.org/10.1073/pnas.1400966111>
- Bhakta, S., Negi, S., Tak, H., Singh, S., & Ganapathi, T. R. (2022). *Musa*ATAF2-like Protein Regulates Shoot Development and Multiplication by Inducing Cytokinin Hypersensitivity and Flavonoid Accumulation In Banana Plants. *Plant Cell Reports*, 41(5), 1197-1208. DOI: <https://doi.org/10.1007/s00299-022-02849-y>
- Bhatia, S., Sharma, K., Dahiya, R., & Tanmoy, B. (2015). *Modern applications of plantbiotechnology in pharmaceutical sciences*. Academic press.
- Budi, G. P., & Shofiyani, A. (2011). Upaya Pengembangan Tanaman Pisang Mas (*Musa Paradisiaca* L) Bebas Patogen melalui Metode Kultur Meristem. *Agritech: Jurnal Fakultas Pertanian Universitas Muhammadiyah Purwokerto*, 13(1), 42139.
- Dashek, W. V., & Harrison, M. (Eds.). (2006). *Plant cell biology*. Science

Publishers.

Dwiyani, R. (2015). *Kultur Jaringan Tanaman*. Pelawa Sari Percetakan & Penerbit., Bali.

Elma, T., Suminar, E., Mubarak, S., Nuraini, A., & Ariyanto, N. B. (2017). Multiplikasi Tunas Mikro Pisang (*Musa Paradisiaca* L.) 'Raja Bulu' Secara *In Vitro* Pada Berbagai Jenis dan Konsentrasi Sitokinin. *Kultivasi*, 16(3). DOI: <https://doi.org/10.24198/kultivasi.v16i3.14917>

Fadilah, S., Rahmawati, R., & PKim, M. (2015). Pembuatan Biomaterial dari Limbah Kulit Pisang (*Musa Paradisiaca*). *Prosiding Simposium Nasional Inovasi dan Pembelajaran Sains*, 4(2), 25-29. ISBN: 978-602-19655-8-0

Fitrahtunnisa, F., & Aisah, A. (2021). Respons Pertumbuhan Tiga Varietas Pisang Lokal Terhadap ZPT Benzil Adenin (BA) Secara *In Vitro*. *Jurnal Ilmu-Ilmu Pertanian*, 28(1), 8. DOI: <http://dx.doi.org/10.55259/jiip.v28i1.590>

Fontana, M. L., Mroginski, L. A., & Rey, H. Y. (2009). Organogenesis and Plant Regeneration of *Arachis villosa* Benth (Leguminosae) Through Leaf Culture. *Biocell*, 33(3), 179-186. ISSN 0327-9545.

Gübbük, H., & Pekmezci, M. (2004). In Vitro Propagation of Some New Banana Types (*Musa* spp.). *Turkish Journal of Agriculture and Forestry*, 28(5), 355-361. Retrieved from <https://journals.tubitak.gov.tr/agriculture/vol28/iss5/8>

Govindaraj, S. (2018). Thidiazuron: A Potent Phytohormone for *In Vitro* Regeneration. In *Thidiazuron: From Urea Derivative to Plant Growth Regulator* (pp. 393-418). Springer, Singapore. DOI: https://doi.org/10.1007/978-981-10-8004-3_22

Hapsari, R. I., & Astutik, A. (2009). Uji Konsentrasi IAA (*Indole Acetic Acid*) dan BA (*Benzyladenine*) pada Multiplikasi Pisang Varietas Barangan Secara *In Vitro*. *Buana Sains*, 9(1), 11-16. DOI: <https://doi.org/10.33366/bs.v9i1.218>

- Haryanto, E. T., Arniputri, R. B., Muliawati, E. S., & Trisnawati, E. (2018). Kajian Konsentrasi IAA dan BAP Pada Multiplikasi Pisang Raja Bulu *In Vitro* Dan Aklimisasinya. *Agrotechnology Research Journal*, 2(1), 1-5. DOI: <http://dx.doi.org/10.20961/agrotechresj.v2i1.17542>
- Indina, R. (2021) Multiplikasi Pisang Raja Bulu Kuning (AAB) dan Aklimatisasi Plantlet Pisang Melalui Teknik Hidroponik. Skripsi. *Universitas Negeri Jakarta*, Jakarta.
- Indrayanti, R., Yanti, F., Adisyahputra, A., Dinarti, D., & Sudarsono, S. (2018). Multiplication and Acclimatization of Banana Variant cv. Ampyang (*Musa Acuminata*, AAA) Putative Resistance to Fusarium Wilt. *Bioma*, 14(1), 18-29. DOI:10.21009/Bioma14(1).3
- Isnaini, M. (2016). Pertumbuhan Bibit Pisang Raja Bulu Kuning pada Beberapa Jenis Media dan Konsentrasi Magnesium dengan Sistem Hidroponik Substrat. Thesis. *Universitas Sebelas Maret*, Surakarta.
- Kasutjaningati, K. (2011). Pengaruh Media Induksi terhadap Multiplikasi Tunas dan Pertumbuhan Planlet Pisang Rajabulu (AAB) dan Pisang Tanduk (AAB) pada Berbagai Media Multiplikasi. *Indonesian Journal of Agronomy*, 39(3), 756. DOI: <https://dx.doi.org/10.24831/jai.v39i3.14961>
- Kishore, K., Patnaik, S., & Shukla, A. K. (2015). Optimization of Method to Alleviate In Vitro Shoot Tip Necrosis in *Trichosanthes dioica* Roxb. *Indian Journal of Biotechnology*, 14(1), 107-111. ISSN: 0975-0967.
- Lusiyanto, Nurhasanah, & Sunaryo, W. (2021). *In Vitro* Regeneration of Banana Genotypes Possessing Distinct Genomes by Using Male Flower Explants. *SABRAO Journal of Breeding & Genetics*, 53(2), 322–333. ISSN: 1029-7073
- Mohamede, A. A. A. (2019). Effect of Growth Regulators on Multiplication, Rooting and Heritability of Some Banana Genotypes Propagated by Tissue Culture Technique. *Egypt*.
- Mulia, P. I., Nopsagiarti, T., & Alatas, A. (2020). Respon Pertumbuhan Eksplan

Tanaman Pisang (*Musa* sp.) Varietas Roti dengan Penambahan Ekstrak Kentang pada Media MS. *Green Swarnadwipa: Jurnal Pengembangan Ilmu Pertanian*, 9(2), 303-310

Murashige, T & Skoog, F (1962). "A Revised Medium for Rapid Growth and Bio Assays with Tobacco Tissue Cultures". *Physiologia Plantarum*. 15 (3): 473–497. DOI:10.1111/j.1399-3054.1962.tb08052.x

Murch SJ, Campbell SS, Saxena PK (2001). The Role of Serotonin and Melatonin In Plant Morphogenesis: Regulation of Auxin-Induced Root Organogenesis In In Vitro-Cultured Explants of St. John's wort (*Hypericum perforatum* L.). *In Vitro Cellular Dev. Biol. Plant*, 37:786-793. DOI: <https://doi.org/10.1007/s11627-001-0130-y>

Ngomuo, M., Mneney, E., & Ndakidemi, P. A. (2014). The In Vitro Propagation Techniques for Producing Banana Using Shoot Tip Cultures. *American Journal of Plant Sciences*, 2014. DOI: <http://dx.doi.org/10.4236/ajps.2014.511175>

Nisa, C., & Rodinah, R. (2018). Kultur Jaringan beberapa Kultivar Buah Pisang (*Musa paradisiaca* L.) dengan Pemberian Campuran NAA dan Kinetin. *Bioscientiae*, 2(2). DOI: <https://doi.org/10.20527/b.v2i2.145>

Ningsih, R. (2022). *Morfologi, Profil Metabolit, dan Potensi Antioksidan Beberapa Kultivar Buah Pisang Meja Indonesia sebagai Pangan Nutrasetikal* (Doctoral dissertation, IPB (Bogor Agricultural University)).

Nofiyanto, R. T., Kusmiyati, F., & Karno, K. (2019). Peningkatan Kualitas Planlet Tanaman Pisang Raja Bulu (*Musa paradisiaca*) dengan Penambahan BAP dan IAA pada Media Pengakaran Kultur *In Vitro*. *Journal of Agro Complex*, 3(3), 132-141. DOI: <https://doi.org/10.14710/joac.3.3.132-141>

Novianti, S., Rahmawati, M., & Kesumawati, E. (2022). Multiplikasi Tunas Pisang Barangan Merah (*Musa acuminata* Colla.) Pada Berbagai Konsentrasi *Benzyl Amino Purine* (BAP) dan *Indole Acetic Acid* (IAA) secara *In Vitro*. *Jurnal Agrista*, 26(1), 26-33. ISSN: 1410-3389.

- Ramlah, R., Dewantara, V. H., & Riefani, M. K. (2017). Jenis Pisang yang Diperjualbelikan di Pasar Terapung Banjarmasin. *Prosiding Seminar Nasional Lahan Basah Tahun 2016 (1)*: 105-108
- Ratnasari, B. D., Suminar, E., Nuraini, A., & Ismail, A. (2016). Pengujian Efektivitas Berbagai Jenis dan Konsentrasi Sitokinin Terhadap Multiplikasi Tunas Mikro Pisang (*Musa paradisiaca* L.) secara *In Vitro*. *Kultivasi*, 15(2). DOI: <https://doi.org/10.24198/kultivasi.v15i2.11870>
- Renita. (2016). Karakteristik Morfologi Daun Tiga Varietas Pisang (*Musa* spp) Di Kota Madiun. Skripsi. *Universitas Katolik Widya Mandala Madiun*, Madiun.
- Restanto, D. P., Kriswanto, B., Khozim, M. N., & Soeparjono, S. (2018). Kajian *Thidiazuron* (TDZ) dalam Induksi PLB Anggrek *Phalaenopsis* sp secara *In Vitro*. *Agritrop: Jurnal Ilmu-Ilmu Pertanian (Journal of Agricultural Science)*, 16(1), 176-185. DOI: <https://doi.org/10.32528/agr.v16i1.1561>
- Sari, D. I., Suwirman, S., & Nasir, N. (2015). Pengaruh Konsentrasi *Thidiazuron* (TDZ) dan Arang Aktif pada Sub Kultur Tunas Pisang Kepok Hijau (*Musa paradisiaca* L.). *Natural Science: Journal of Science and Technology*, 4(3). DOI: <https://doi.org/10.22487/25411969.2015.v4.i3.5133>
- Setyawati, U., Wijayani, A., & Wahyurini, E. (2019). The Growth of “Pisang Raja Bulu” Planlets In The Lighting of Incubation Rooms and Growth Regulator Agents of Browning Prevention By In Vitro. *Agrivet*, 25(1), 8-15. Talas (*Musa paradisiaca* var. *sapientum* L.). *Prosiding Seminar Nasional FKPTPI 2015*. DOI: <https://doi.org/10.31315/agrivet.v25i1.4170>
- Sadat, M. S., Siregar, L. A. M., & Setiado, H. (2018). Pengaruh IAA dan BAP Terhadap Induksi Tunas Mikro dari Eksplan Bonggol Pisang Kepok (*Musa paradisiaca* L): Effect of IAA and BAP on Micro Shoot Induction of Banana Shoot (*Musa paradisiaca* L). *Jurnal Online Agroekoteknologi*, 6(1), 107-112. E-ISSN No. 2337-6597.

- Shirani, S., Mahdavi, F., & Maziah, M. (2009). Morphological Abnormality Among Regenerated Shoots of Banana and Plantain (*Musa Spp.*) After In Vitro Multiplication with TDZ and BAP from Excised Shoottips. *African Journal of Biotechnology*, 8(21). DOI: <https://doi.org/10.5897/AJB09.1080>
- Sintha, D., Atra, R., & Widodo, W. (2017). Pengaruh BAP dan Kinetin Terhadap Pertanaman Tunas Pisang Barangan (*Musa paradisiaca L.*) Secara *In Vitro*. Doctoral dissertation, *Universitas Bengkulu*. <http://repository.unib.ac.id/id/eprint/12660>
- Sirappa, M. P. (2021). Potensi Pengembangan Tanaman Pisang: Tinjauan Syarat Tumbuh dan Teknik Budidaya Pisang Dengan Metode Bit. *Jurnal Ilmiah Agrosaint*, 12(2). ISSN 2086-2237
- Strosse, H., Andre, E., Sági, L., Swennen, R., & Panis, B. (2008). Adventitious shoot Formation is Not Inherent to Micropropagation of Banana as It is in Maize. *Plant cell, tissue and organ culture*, 95(3), 321-332. DOI:10.1007/s11240-008-9446-1
- Strosse, H., I. Van den Houwe and B. Panis. (2004). Banana Cell and Tissue Culture- review. *Banana improvement: Cellular, molecular biology, and induced mutations*, 1-12. *Science Publishers Inc.* Gainesville.
- Sunandar, A., & Kahar, A. (2018). Karakter Morfologi dan Anatomi Pisang Diploid dan Triploid. *Scripta Biologica*, 5(1), 31–36. DOI <http://dx.doi.org/10.20884/1.sb.2018.5.1.718>
- Rigas, S., Ditengou, F. A., Ljung, K., Daras, G., Tietz, O., Palme, K., & Hatzopoulos, P. (2013). Root Gravitropism and Root Hair Development Constitute Coupled Developmental Responses Regulated by Auxin Homeostasis In The Arabidopsis Root Apex. *New Phytologist*, 197(4), 1130-1141. DOI: <https://doi.org/10.1111/nph.12092>
- Yeyen, Y., Trinopsagiarti, T., & Seprido, S. (2021). Uji Berbagai Sitokinin pada Media MS Terhadap Pertumbuhan Globular Eksplan Pisang Barangan (*Musa acuminata*). *Green Swarnadwipa: Jurnal Pengembangan Ilmu Pertanian*, 10(2), 176-184.

- Yuniati, F., Haryanti, S., & Prihastanti, E. (2018). Pengaruh Hormon dan Ukuran Eksplan terhadap Pertumbuhan Mata Tunas Tanaman Pisang (*Musa paradisiaca* var. Raja Bulu) Secara *In Vitro*. *Buletin Anatomi dan Fisiologi*, 3(1), 20-28. DOI: <https://doi.org/10.14710/baf.3.1.2018.20-28>
- Yusnita, Y., Danial, E., & Hapsoro, D. (2015). *In Vitro* Shoot Regeneration Of Indonesian Bananas (*Musa* Spp.) cv. Ambon Kuning and Raja Bulu, Plantlet Acclimatization and Field Performance. *AGRIVITA, Journal of Agricultural Science*, 37(1), 51-58. DOI: <https://doi.org/10.17503/agrivita.v37i1.438>
- Valmayor, R. V., Jamaluddin, S. H., Silayoi, B., Kusumo, S., Danh, L. D., Pascua, O. C., & Espino, R. R. C. (2000). *Banana cultivar names and synonyms in Southeast Asia*. Advancing banana and plantain R & D in Asia and the, 55. ISBN 971-91751-3-3
- Wattimena, G. A. (1988). Zat Pengatur Tumbuh Pada Tanaman. *Laboratorium Kultur Jaringan Pusat Antar Universitas Bioteknologi IPB. Bogor*.
- Wekti, C. W. K., & Khanifah, F. (2019). Kadar Vitamin C pada Buah Pisang Raja (*Musa paradisiaca* L) Sebelum dan Sesudah Penambahan Kalsium Karbida (CaC₂). *Jurnal Insan Cendekia*, 6(1, Maret), 13-17. Retrieved from <http://digilib.stikes icme jbg.ac.id/ojs/index.php/jic/article/view/527>