

DAFTAR PUSTAKA

- Alfiani, A. 2015. *Kestabilan Karakter Fenotipik Melon Hibrida (Cucumis melo L. 'Luna') Hasil Budidaya di Pusat Inovasi Agroteknologi UGM. Seminar.* Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Alfiani, A. 2017. *Perakitan dan Karakterisasi Molekular Melon Hibrida (Cucumis melo L. 'Melona'). Skripsi.* Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Aminah, I.S., R. Rosmiah, E. Hawayanti, D. T. Astuti, & M. T. Anggoro. 2021. "Pengaruh Pemangkasan Cabang dan Pemberian Pupuk Pelengkap Cair dengan Frekuensi Berbeda terhadap Pertumbuhan dan Hasil Tanaman Semangka Kuning (*Citrullus lanatus*) di Lahan Lebak." *Prosiding Seminar Nasional Lahan Suboptimal ke-9*, October.
- Anonim. 2011. *Catalog 2011 Special Edition for the New Inauguration.* Know You Seed Co., Ltd. Taiwan.
- Apriliyanti, N. F., Seotopo, L., & Respatijarti, R. 2016. Keragaman Genetik Pada Generasi F3 Cabai (*Capsicum annuum* L.) (Doctoral dissertation, Brawijaya University).
- Arifien, Y., R. P. Putra, D. B. Wibaningwati, P. T. Anasi, A. Masnang, F. H. Rizki, A. R. Suradi, R. Rismaya, L. Marlina, S. Anggarawati, R. Prihatini, Sunardi, E. Indrawati. 2022. *Pengantar Ilmu Pertanian.* Get Press, Padang.
- Aristya, G.R., C.G. Permadani, C. Ariesta, B. Larasati, R.S. Kasiamdari, H. Prabowo, A. Musthofa, & M.F. Arif. 2019. "Evaluation of Pest Control Based on Morphological Character Variation on 20 Varieties and Genetic Variation Based on RAPD of Sugarcane (*Saccharum Officinarum* L.) in Indonesia." *IOP Conference Series: Earth and Environmental Science* 347 (1): 012103. <https://doi.org/10.1088/1755-1315/347/1/012103>.
- Aristya, G.R., A.R. Rahmawati, & B.S. Daryono. 2017. Deteksi Gen Ketahanan Terhadap Gsb-4 (Gummy Stem Blight) Pada Tanaman Melon (*Cucumis melo* L.). *Biota: Jurnal Ilmiah Ilmu-Ilmu Hayati* 1 (2): 68–74. <https://doi.org/10.24002/biota.v1i2.993>.
- Budiyanto, O.D. Hajoeningtjas, & B. Nugroho. 2010. Pengaruh Saat Pemangkasan Cabang dan Kadar Paklobutrazol Terhadap Hasil Mentimun (*Cucumis sativus*). " *Agritech*, 12 (2): 100–113.
- Crowder, L V. 2015. *Genetika Tumbuhan*. 8th ed. Yogyakarta, Indonesia: Gadjah Mada University Press.
- Daryono, B.S., A.S. Subiastuti, A. Fatmadanni, & D. Sartika. 2019. Phenotypic and Genetic Stability of New Indonesian Melon Cultivar (*Cucumis melo* L. 'Melonia') Based on ISSR Markers. *Biodiversitas Journal of Biological Diversity* 20 (4). <https://doi.org/10.13057/biodiv/d200419>.
- Daryono, B.S. & K.T. Natsuaki. 2002. Application of Random Amplified Polymorphic DNA Marker for Detection of Resistant Cultivars of Melon

- (*Cucumis melo* L.) Against Cucurbits Viruses. *Acta Horticulture*. 588: 321-329.
- Daryono, B. S., Ramadhani, P. H., & Nidianti, E. 2021. Molecular Characters of Melon (*Cucumis melo* L. 'Kinaya') Using Inter Simple Sequence Repeat. *Biogenesis: Jurnal Ilmiah Biologi*, 9(2): 118-125.
- Daryono, B.S. & S.D. Maryanto. 2017. *Keanekaragaman dan Potensi Sumber Daya Genetik Melon*. Gadjah Mada University Press. Yogyakarta.
- Daryono, B.S., E. Setyani, A. Alfiani, & P.R. Rivaldi. 2017. Fruit characters of *Cucumis melo* L.: 'Tacapa Green Black', 'Melona' and 'Meloni'. TR Nuringtyas, AC Sukartiko, & A. Isnansetyo (Eds.), UGM Digital Press Life Sciences, 2018.
- Dewanata, P.A., & M. Mushlih. 2021. Differences in DNA Purity Test Using UV-Vis Spectrophotometer and Nanodrop Spectrophotometer in Type 2 Diabetes Mellitus Patients. *Indonesian Journal of Innovation Studies* 15 (July). <https://doi.org/10.21070/ijins.v15i.553>.
- ECPGR. 2008. *Minimum Descriptors for Cucurbita spp., Cucumber, Melon, and Watermelon*. http://www.ecpgr.cgiar.org/fileadmin/templates/ecpgr.org/upload/NW_and_WG_UPLOADS/Cucurbits_DescriptorLists.pdf . Diakses tanggal 27 Maret 2022, pukul 20.00 WIB.
- Gonsalves, J. 2010. *Economic Botany and Ethnobotany*. International Scientific Publishing Academy. India.
- Gorji, A. M., Pocza, P., Polgar, Z., & Taller, J. 2011. Efficiency of Arbitrarily Amplified Dominant Markers (SCoT, ISSR and RAPD) for Diagnostic Fingerprinting in Tetraploid Potato. *American Journal of Potato Research*, 88: 226-237.
- Hai, T. T. H. & P.T. Thao. 2021. Effect of plant density and foliar fertilizer spray on growth and yield of netted melon (*Cucumis melo* L.) 'Inthanon RZ'. *Hue University Journal of Science: Natural Science*, 130(1B): 27-34.
- Haneda, N. F., Kusmana, C., & Kusuma, F. D. 2013. Diversity of Insects in Mangrove Ecosystem. *Jurnal Silviculture Tropika*, 4(1): 42-46.
- Hidayat, T. 2017. DNA Mitokondria (mtDNA) Sebagai Salah Satu Pemeriksaan Alternatif Untuk Identifikasi Bayi Pada Kasus Infantisida. *Jurnal Kesehatan Andalas*, 6(1): 213-221.
- Hidzroh, F., & B.S. Daryono. 2021. Keceragaman dan Kestabilan Karakter Tanaman Melon (*Cucumis melo* L. 'Tacapa Gold') Berdasarkan Karakter Fenotip dan Inter-Simple Sequence Repeat. *Biospecies* 14 (2): 11-19.
- Hindarwati. 2006. *Panduan Pengujian Individual Kebaruan, Keceragaman, dan Kestabilan: Melon (Cucumis melo L.)*. Jakarta: Departemen Pertanian Republik Indonesia: Pusat Perlindungan Varietas Tanaman. hal: 8.
- Hua, G.J., C.L. Hung, C.Y. Lin, F.C. Wu, Y.W. Chan, & C.Y. Tang. 2017. MGUPGMA: A Fast UPGMA Algorithm With Multiple Graphics

- Processing Units Using NCCL. *Evolutionary Bioinformatics* 13 (January): 117693431773422. <https://doi.org/10.1177/1176934317734220>.
- Innark, P., Ratanachan, T., Khanobdee, C., Samipak, S., & Jantasuriyarat, C. 2014. Downy Mildew Resistant/Susceptible Cucumber Germplasm (*Cucumis sativus* L.) Genetic Diversity Assessment Using ISSR Markers. *Crop Protection*, 60: 56-61.
- ITIS (the Integrated Taxonomic Information System). 2018. *Cucumis melo* TSN 22362. ITIS Report. At : https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=1146743#null. Diakses tanggal 26 Maret 2022, pukul 16.20 WIB.
- Jensen, R. J. 2009. Phenetics: Revolution, Reform or Natural Consequence? *TAXON* 58 (1): 50–60. <https://doi.org/10.1002/tax.581008>.
- Joshi, M. & J.D. Deshpande. 2011. Polymerase Chain Reaction: Methods, principles, and Application. *International Journal of Biomedical Research*, 2(1): 81-97.
- Kementerian Pertanian Republik Indonesia. 2017. Surat Keputusan Menteri Pertanian Republik Indonesia Nomor: 038/Kpts/SR.120/D.2.7/4/2017. p.1, Lampiran
- Khan, M.M.H., M.Y. Rafii, S.I. Ramlee, M. Jusoh, M. Al Mamun, & J. Halidu. 2021. DNA fingerprinting, fixation-index (Fst), and admixture mapping of selected Bambara groundnut (*Vigna subterranea* [L.] Verdc.) accessions using ISSR markers system. *Scientific reports*, 11(1): 1-23.
- Kim, H.Y. 2014. Analysis of Variance (ANOVA) Comparing Means of More than Two Groups. *Restorative Dentistry & Endodontics* 39 (1): 74. <https://doi.org/10.5395/rde.2014.39.1.74>.
- Latifah, Y.W. 2016. *Kestabilan Karakter Fenotip dan Molekular Melon (Cucumis melo L. 'Melona') Hasil Segregasi dan Seleksi Populasi*. Skripsi. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Lee, J., Kim, M. K., Hwang, S. H., Kim, J., Ahn, J. M., Min, S. R., & Kim, H. 2014. Phenotypic profiling and gene expression analyses for aromatic and volatile compounds in Chamoos (*Cucumis melo*). *Molecular biology reports*, 41:3487-3497.
- Lucena-Aguilar, G., A.M. Sánchez-López, C. Barberán-Aceituno, J.A. Carrillo-Ávila, J.A. López-Guerrero, & R. Aguilar-Quesada. 2016. DNA Source Selection for Downstream Applications Based on DNA Quality Indicators Analysis. *Biopreservation and Biobanking* 14 (4): 264–70. <https://doi.org/10.1089/bio.2015.0064>.
- Maharani, S.E. 2021. *Karakter Fenotip Dan Deteksi Gen Cucurbitacin Buah Melon (Cucumis Melo L. 'GMP')*. Skripsi. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.

- Muhammadi, A. 2021. *Kestabilan Karakter Fenotip Dan Molekuler Melon (*Cucumis melo* L. 'Kinaya') Berdasarkan Inter Simple Sequence Repeat. Skripsi*. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Murtiyaningsih, H. 2017. Isolasi Dna Genom Dan Identifikasi Kekerabatan Genetik Nanas Menggunakan RAPD (*Random Amplified Polimorphic DNA*). *Agritop* 15 (1): 84–93.
- Muthukumaran, S. 2023. *The Tropical Turn: Agricultural Innovation in the Ancient Middle East and the Mediterranean*. Univ of California Press.
- Nuryanto, H. 2007. *Budi Daya Melon*. Azka Mulia Media. Jakarta.
- Noviani, F., Sutopo, S., & Kurnianto, E. (2013). Hubungan Genetik Antara Domba Wonosobo (Dombos), Domba Ekor Tipis (DET) dan Domba Batur (Dombat) Melalui Analisis Polimorfisme Protein Darah. *Sains Peternakan: Jurnal Penelitian Ilmu Peternakan*, 11(1): 1-9.
- Oliver, J. L., & Marín, A. 1996. A Relationship Between GC Content And Coding-Sequence Length. *Journal of molecular evolution*, 43: 216-223.
- Opel, K.L., D. Chung, & B.R. McCord. 2010. A Study of PCR Inhibition Mechanisms Using Real Time PCR. *Journal of Forensic Sciences* 55 (1): 25–33. <https://doi.org/10.1111/j.1556-4029.2009.01245.x>.
- Papadopoulou, E., & Grumet, R. 2002. *Production of Transgenic Melon: Transgenic Plants and Crops*. Marcel Dekker Inc. New York, NY, 371-381.
- Parvathaneni, R. K., Natesan, S., Devaraj, A. A., Muthuraja, R., Venkatachalam, R., Subramani, A. P., & Laxmanan, P. 2011. Fingerprinting in Cucumber and Melon (*Cucumis* spp.) Genotypes Using Morphological and ISSR Markers. *Journal of Crop Science and Biotechnology*, 14: 39-43.
- Pramudi, M.I., R.D. Puspitarini, & B.T. Rahardjo. 2013. Keanekaragaman dan Kekerabatan Lalat Buah (Diptera: Tephritidae) Di Kalimantan Selatan Berdasarkan Karakter Morfologi dan Molekuler (RAPD-PCR dan Sekuensing DNA). *Jurnal Hama Dan Penyakit Tumbuhan Tropika*, 13 (2): 192–202. <https://doi.org/10.23960/j.hptt.213192-202>.
- Putra, M. A. D. 2022. Uji Keunikan Sebagai Syarat Diberikan Hak Perlindungan Varietas. *Jurnal Ilmu Sosial dan Pendidikan*, 6(2): 3812-3818.
- Rahman, M.T., M.S. Uddin, R. Sultana, A. Moue, & M. Setu. 2013. Polymerase chain reaction (PCR): a short review. *Anwer Khan Modern Medical College Journal*, 4(1): 30-36.
- Rahmayanti, F., & M. Ilmi. 2019. Keanekaragaman Isolat Khamir Osmofilik Pada Madu Hutan Dari Sulawesi Tengah Ditinjau Menggunakan Teknik RAPD. *Majalah Ilmiah Biologi Biosfera : A Scientific Journal* 36 (3): 126–31. <https://doi.org/10.20884/1.mib.2019.36.3.988>.
- Robinson, R.W. & D.S. Decker-Walters. 1996. *Cucurbits*. CAB International. New York.
- Rukmana, R., 1995. *Budidaya Melon Hibrida*. Kanisius. Yogyakarta.

- Samadi, B. 2007. *Melon: Usaha Tani dan Penanganan Pascapanen*. Penerbit Kanisius. Yogyakarta.
- Sandy, I.M. 1996. *Republik Indonesia Geografi Regional*. Indograph Bakti. Jakarta.
- Satria. 2015. *UGM Panen Hikapel*. <https://ugm.ac.id/id/newsPdf/9978-ugm-panenmelon-hikapel>. Diakses pada tanggal 18 Mei 2023.
- Setiaputri, A.A., G.R. Barokah, M.A.B. Sahaba, R.D. Arbajayanti, N. Fabella, R.M. Pertiwi, M. Nurilmala, R. Nugraha, & A. Abdullah. 2020. Perbandingan Metode Isolasi DNA Pada Produk Perikanan Segar Dan Olahan: Comparison of DNA Isolation Methods for Fresh and Processed Seafood. *Jurnal Pengolahan Hasil Perikanan Indonesia* 23 (3): 447–58. <https://doi.org/10.17844/jphpi.v23i3.32314>.
- Setyawati, R., & S. Zubaidah. 2021. Optimasi Konsentrasi Primer dan Suhu Annealing dalam Mendeteksi Gen Leptin pada Sapi Peranakan Ongole (PO) Menggunakan Polymerase Chain Reaction (PCR). *Indonesian Journal of Laboratory* 4 (1): 36. <https://doi.org/10.22146/ijl.v4i1.65550>.
- Sobir & F.D. Siregar. 2010. *Budidaya melon Unggul*. Penebar Swadaya. Jakarta.
- Stuessy, T.F. 2009. *Plant taxonomy: the systematic evaluation of comparative data*. Columbia University Press. New York.
- Syukur, M. S. Sujiprihati, & R. Yuniarti. 2012. *Teknik Pemuliaan Tanaman*. Penebar Swadaya. Depok.
- Tikendra, L., A.M. Potshangbam, A. Dey, T.R. Devi, M.R. Sahoo, & P. Nongdam. 2021. RAPD, ISSR, and SCoT markers based genetic stability assessment of micropropagated *Dendrobium fimbriatum* Lindl. var. *oculatum* Hk. f.-an important endangered orchid. *Physiology and Molecular Biology of Plants*, 27(2): 341-357.
- Toha, A. H. A. 2007. Keragaman Genetik Bulu Babi (Echinoidea). *Biota: Jurnal Ilmiah Ilmu-Ilmu Hayati*, 131-135.
- Utomo, A.H. Pranoto, T.B. Pramono, H.T. Soedibya, P. Sukardi, & H. Syakuri. 2021. Analisis Polimorfisme DNA Ikan Gabus (*Channa Striata*) Berbeda Ukuran Menggunakan Teknik RAPD. *Sainteks* 17 (2): 133. <https://doi.org/10.30595/sainteks.v17i2.9376>.
- Vorontsov, I.E., I.V. Kulakovskiy, & V.J. Makeev. 2013. Jaccard Index Based Similarity Measure to Compare Transcription Factor Binding Site Models. *Algorithms for Molecular Biology* 8 (1): 23. <https://doi.org/10.1186/1748-7188-8-23>.
- Wang, Z., S. Zhang, Y. Yang, Z. Li, H. Li, R. Yu, F. Luan, X. Zhang, & C. Wei. 2022. Novel Bisexual Flower Control Gene Regulates Sex Differentiation in Melon (*Cucumis Melo* L.). *Journal of Agricultural and Food Chemistry* 70 (49): 15401–14. <https://doi.org/10.1021/acs.jafc.2c05998>.
- Wibowo, W.A., M.F. Al Rasyid, S.E. Maharani, & B.S. Daryono. 2022. Genetic Stability Analysis Based on Inter-Simple Sequence Repeat And β -Carotene Content Analysis in Melon (*Cucumis Melo* L. 'GAMA Melon Parfum').