

DAFTAR PUSTAKA

- Abdel-Mawgood. 2012. DNA Based Techniques for Studying Genetic Diversity, In : *Genetic Diversity in Microorganisms*, (M. Caliskan ed.), <http://www.intechopen.com/books/genetic-diversity-in-microorganisms/dna-based-techniques-for-studying-genetic-diversity> (diakses tanggal 20 april 2015).
- Adaninggar. 2014. Kestabilan Karakter Fenotip Melon (*Cucumis melo* L.) Kultivar PI 371795 Hasil Rejuvenasi. *Naskah Skripsi*. Fakultas Biologi UGM. hal. 6.
- Agriansyah, A. 2013. Perakitan dan Pemetaan Gen Ketahanan Terhadap *Powdery Mildew* dengan Penanda *Sequence Characterized Amplified Region* pada Melon (*Cucumis melo* L.) Kultivar TACAPA. *Tesis*. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Al-Mughni, E. W. 2015. Kestabilan Karakter Fenotip dan Deteksi Gen Ketahanan Terhadap Jamur Tepung pada Melon (*Cucumis melo* L. Hikapel') dengan *Sequence Characterized Amplified Region*. *Naskah Skripsi*. Fakultas Biologi UGM. Yogyakarta. hal 12-14.
- Arifiyanti, R. 2015. Variasi Genetik Tanaman Melon (*Cucumis melo* L.) Berdasarkan Penanda Molekular *Inter-Simple Sequence Repeat*. *Skripsi*. Universitas Gadjah Mada. Yogyakarta.
- Aristya, G.R. 2009. Pewarisan dan Pemetaan Penanda *Sequence Characterical Amplified Region* (SCAR) Terpaut Gen Penyandi Ketahanan *Powdery Mildew* [(*Podosphaera xanthii*(Castag.) Braun et Shiskoff0] pada Tanaman Melon. *Tesis*. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Aristya, G.R. dan Daryono, B.S., 2012. Karakterisasi Fenotip dan Pewarisan Sifat Ketahanan terhadap Penyakit *Powdery mildew* pada Tanaman Melon (*Cucumis melo* L.) Var. Tacapa Hasil Pemuliaan Tanaman. *Prosiding Insinas 2012*. Fakultas Biologi UGM. Yogyakarta. hal. 258-264.
- Aristya, G.R. and Rif'ah, A. 2016. Phenotypic traits of *Cucumis melo* L. cv. Tacapa and commercial melon cultivars based on multilocation and multiseason trials. American Institute of Physics. *Towards the sustainable use of biodiversity in a changing environment: From basic to applied research*.
- Bradley, S. G., and Bond, J.S. 1974. *Adv. Appl. Microbiol.* 18:131.
- Chi MH, Park SY, and Lee YH. 2009. A quick and safe method for fungal DNA extraction. *Plant Pathol. J.* 25(1):108–111.
- Daryono, B.S, Somowiyarjo, S., and Natsuaki, K.T. 2005. Screening for resistance to kyuri green mosaic virus of melons (*Cucumis melo* L.). *Plant Breeding* 124: 487—490
- Daryono, B.S. 2006. Resistance to cucurbit viruses in several genotypes of melon (*Cucumis melo* L.). *Berkala Ilmiah Biologi* 5(1) : 1 – 12
- Daryono, B. S., Aristya, G. R., and Kasiamdari, R. S. 2011. Development of Random Amplified Polymorphism DNA Markers Linked to Powdey Mildew Resistance Gene in Melon. *Indonesian Journal of Biotechnology* 16 : 76-82
- Daryono, B. S. dan Maryanto, S. D. 2017. *Keanekaragaman dan Potensi Sumber Daya Genetik Melon*. Gadjah Mada University Press. Yogyakarta. hal. 1-4.

- Daryono, B. S. 2017. *Surat Keputusan Kementerian Pertanian: Pusat Perlindungan Varietas Tanaman dan Perizinan Pertanian Varietas 'Tacapa Silver Nomor 164/PV.220/A.9/01/201.*
- Dellaporta, S.L., Wood, J. and Hicks, J.B. 1983. A plant DNA mini preparation: Version II. *Plant Molecular Biology Reporter*. 1: 19-21.
- Erdinc, C., Ekincialp, A., Yildiz, M., Kabay, T., Turkmen, O. and Sensoy, S. 2013. Molecular Genetic Diversity in Lake Van Basin Melons (*Cucumis melo* L.) Based on RAPD and ISSR Marker. *YYU J AGR SCI*. 23(3): 264-270.
- Fatmawati. 2015. Uji Kebenaran Kultivar dan Deteksi Gen Ketahanan terhadap Powdery Mildew pada Melon (*Cucumis melo* L.) 'Tacapa Green Black'. Naskah Skripsi. Fakultas Biologi UGM. hal. 31-50.
- Fatkurohman, M.I. 2012. Analisis Variasi Genetik Melon (*Cucumis melo* L.) Kultivar Tacapa dengan Metode Random Amplified Polymorphic DNA. *Skripsi*. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Gracia-Mas, J., Oliver, M., and Gomez-Paniagua, H. 2000. Comparing AFLP, RAPD, and RFLP markers for measuring genetic diversity in melon. *Theor Appl Genet* 101 : 860-864.
- Grubben, G. J. H. and Denton, O. A.. 2004. *Plant Resources of Tropical Africa 2. Vegetables*. PROTA Foundation/Backhuys Publishers/ CTA. Wageningen, Netherlands. pp:243-245.
- Horejsi, T., Staub, J. E., and Thomas, C. 2000. Linkage of random amplified polymorphic DNA markers to downy mildew resistance in cucumber (*Cucumis sativus* L.). *Euphtica*. Vol. 115 : 105-113.
- Husnun, F. 2017. Perakitan Melon Hibrida (*Cucumis melo* L. 'Tacapa Gold') Hasil Pemuliaan Polinasi Alami Melon ♀ 'Tacapa Silver' dengan ♂ 'Hikapel'. *Naskah Laporan Seminar*. Fakultas Biologi UGM. Yogyakarta. hal. 25.
- Ibrahim, R.I.H. 2010. A modified CTAB protocol for DNA extraction from young flower petals of some medicinal plant species. *Geneconserve*. 10(40):165–182.
- Innark, P., Ratanachan, T., Khanobdee, C., Samipak, S. and Jantasuriyarat, C. 2014. Downy mildew resistance/susceptible cucumber germplasm (*Cucumis sativus* L.) genetic diversity assessment using ISSR markers. *Crop Protection*. Vol. 60 : 56-61.
- IPGRI. 2003. *Minimum Descriptors for Cucurbita spp., Cucumber, Melon, and Watermelon*. European Cooperative Programme for Riset Genetic Resource. p:9.
- Ishii, H., Fraaije, B. A., Sugiyama, T., Noguchi, K., Nishimura, K., Takeda, T., Amano, T., and Hollomon, D. W. 2001. Occurrence and molecular characterization of strobilurin resistance in cucumber powdery mildew and downy mildew. *Phytopathology*. Vol. 91 : 1166-1171.
- Jones, C. J., Edwards, K. J., Castaglione, S., Winfield, M. O., Sala, F., van de Wiel, C., Bredemeijer, G., Vosman, B., Matthes, M., Daly, A., Brettschneider, R., Bettini, P., Buiatti, M., Maestri, E., Malcevski, A., Marmioli, N., Aert, R., Volckaert, G., Rueda, J., Linacero, R., Vazquez, A., and Karp, A. 1997. Reproducibility testing of RAPD, AFLP and SSR markers in plants by a network of European laboratories. *Molecular Breeding* 3 : 381-390.

- Kuras, A., Korbin, M., and Zurawicz, E. 2004. Comparison of suitability of RAPD and ISSR techniques for determination of strawberry (*Fragaria x annassa* Duch.) relationship. *Plant Cell, Tissue, and Organ Culture* 79 : 189-193.
- Kingler, J., Kovalski, I., Silberstein, L., Thompson, G.A. and Perl-Treves, R.. 2001. Mapping of cotton melon aphid resistance in melon. *J. Amer. Soc. Hort. Sci.* 126 (1): 56-63.
- Kryndushkin D.S, Alexandrov I.M, Ter-Avanesyan M.D and Kushnirov V.V. 2003. Yeast prion aggregates are formed by small Sup35 polymers fragmented by Hsp10. *Journal of Biological Chemistry.* 278 (49): 49636.
- Oktaviani, D. D. 2016. Perakitan Varietas Melon (*Cucumis melo* L.) 'Tacapa Silver' dengan Metode Kastrasi dan Polinasi. *Naskah Skripsi.* Fakultas Biologi UGM. Yogyakarta. hal. 7.
- Merck. 1999. *Chemical Reagents.* Merck and Co., Inc. USA.
- Morrison, K. 2008. *Living in Material World: The Commodity Connection.* John&Willey Ltd.England. p22
- Ng,W.L and Tan, S.G. 2015. Inter-Simple Sequence Repeat (ISSR) Marker : Are we doing it right? *ASM Science Journal.* 9(1) 30-39.
- Nugroho, K., Terryana, R., dan Lestari P. 2017. Metode Ekstraksi DNA Cabai (*Capsicum annuum* L.) Menggunakan Modifikasi Bufer Ctab (Cethyl Trimethyl Ammonium Bromide) Tanpa Nitrogen Cair. *Scripta Biologica.* Vol 4:2.
- Parvathaneni, R. K., Natesan, S., Devaraj, A. A., Muthuraja, R., Venkatachalam, R., Subramani, A.P., and Laxmanan, P. 2011. Fingerprinting in cucumber and melon (*Cucumis spp.*) genotypes using morphological and ISSR markers. *J. Crop Sci. Biotech* 14 : 39-43.
- Powell, W., Morgante, M., Andre, C., Hanafey, M., Vogel, J., Tingey, S. and Rafalski, A. 1996. The comparison of RFLP, RAPD, AFLP and SSR (microsatellite) markers for germplasm analysis. *Molucular Breeding* 2 : 225-238.
- Prescott M, et al. 1999. The length of polypeptide linker affects the stability of green fluorescent protein fusion proteins. *Anal Biochem* 273(2):305-7
- Rahayu, S.E dan Handayani, S. Keragaman Genetik Pandan Asal Jawa Barat Berdasarkan Penanda Inter Simple Sequence Repeat. *Makara Sains* 4: 158-162.
- Rickwood, D. and Patel, D. 1995. *Cell and Molecular Biology.* First ED. MCgRAW-Hill. Boston. P. 61-68.
- Robinson, R. W. and Decker-Walters, D. S. 1999. *Cucurbits.* New York: CAB International.
- Rukmana, R. 2003. *Usaha Tani Kapri.* Penerbit Kanisius. Yogyakarta. pp : 26.
- Salunkhe, D. K. and Kadam, S. S. 1998. *Handbook of Vegetable Science and Technology. Production, Composition, Storage, and Processing.* Marcel Dekker, Inc. New York. pp : 257
- Samadi, B. 2007. *Melon : Usaha Tani dan Penanganan Pascapanen.* Penerbit Kanisius. Yogyakarta. pp : 9-18.
- Sambrook J and Russel DW. 2001. *Molecular Cloning: A Laboratory Manual 3rd Ed.* Laboratory Press. Cold Spring Harbor, NY.

- Sari, R. D. P., 2014. Deteksi dan Pola Pewarisan Gen Ketahanan Terhadap Powdery Mildew pada Tanaman Melon (*Cucumis melo* L.) Hasil Persilangan Resiprok TACAPA dengan Penanda Molekular. *Skripsi*. Fakultas Biologi. Universitas Gadjah Mada. Yogyakarta.
- Sartika, D. 2017. Karakter Fenotip dan Molekular Berdasarkan Penanda Random Amplified Polymorphic DNA pada Melon (*Cucumis melo* L. 'Tacapa Green Black'). Fakultas Biologi Universitas Gadjah Mada. *Skripsi*. hal. 61-64.
- Setyani, E. 2017. Perakitan dan Analisis Molekular Melon Hibrida (*Cucumis melo* L.) 'Tacapa Green Black'. Fakultas Biologi Universitas Gadjah Mada. *Skripsi*. Tidak dipublikasikan.
- Sharma P, Joshi N, and Sharma A. 2010. Isolation of genomic DNA from medicinal plants without liquid nitrogen. *Indian J. Exp. Biol.* 48:610–614.
- Sikdar, B., Bhattacharya, M., Mukherjee, A., Banerjee, A., Ghosh, E., Ghosh, B., and Roy, S. C. 2010. Genetic diversity in important members of *Cucurbitaceae* using isozyme, RAPD, and ISSR markers. *Biologia Plantarum* 54 : 135-140.
- Souframanien, J. and Gopalakrishna, T. 2004. A comparative analysis of genetic diversity in blackgram genotypes using RAPD and ISSR markers (in: https://www.researchgate.net/publication/8346774_A_comparative_analysis_of_genetic_diversity_in_blackgram_genotypes_using_RAPD_and_ISSR_markers) diakses Desember 2004.
- Spectrophotometry Handbook. 2012. Spectrophotometry handbook (in: https://www.sigmaaldrich.com/content/dam/sigma-aldrich/docs/Sigma-Aldrich/General_Information/1/ge-spectrophotometry.pdf) diakses Oktober 2012.
- Staub, J. E. Danin-Poleg, Y., Fazio, G., Horejsi, T., Reis, N. and Katzir, N. 2000. Comparative analysis of cultivated melon groups (*Cucumis melo* L.) using Random Amplified Polymorphic DNA and simple sequence repeat markers. *Euphytica* 115 : 225-241.
- Sudarka, W., Sarwadana, S. M., Wijana, I. G., dan Pradnyawati, N. M. 2009. *Pemuliaan Tanaman*. Program Studi Agronomi Jurusan Budidaya Pertanian. Fakultas Pertanian. Universitas Udayana.
- Sumarlina. 2018. Karakterisasi Molekular Melon (*Cucumis melo* L.) Grup 'Tacapa' Berdasarkan Multiple Multilocus DNA Barcodes. Fakultas Biologi Universitas Gadjah Mada. *Tesis*. hal. 56-60.
- Sunarjono, H. 2008. *Berkebun 21 Jenis Tanaman Buah*. Penerbit Swadaya. Depok. pp : 45-47.
- Surzycki, S. 2000. *Basic Techniques in Molecular Biology*. Springer-Verlay, Berlin Heidelberg. Germany.
- Tjahjadi, N. 1987. *Melon: Kiat Khusus Untuk Hasil Optimal*. Yogyakarta: Penerbit Kanisius. Hal. 19-21.
- Tjirosoepomo, G. 1991. *Taksonomi Tumbuhan (Spermatophyta)*. Gadjah Mada University Press. Yogyakarta. Hal. 379-380.

- Vallone, S., Sivertsen, H., Anthon, G. E., Barrett, D. M., Mitcham, E. J., Ebeler, S.E. and Zakharov, F 2013. An Integrated Approach for Flavour Quality Evaluation in Muskmelon (*Cucumis melo* L. reticulatus group) During Ripening. *Food Chemistry* 139 : 171–183.
- Winarsih. 2007. Karakterisasi Kromosom Melon (*Cucumis melo* L.) PI 371795. *Skripsi*. Fakultas Biologi Universitas Gadjah Mada. hal 6-14.