

DAFTAR PUSTAKA

- Acquaah, G. 2007. *Principle of Plant Genetics and Breeding*. Blackwell Publ. USA.
- Aggelis, A., I. John, & D. Grierson. 1997. Analysis of Physiological and Molecular Changes in Melon (*Cucumis melo* L.) Varieties with Different Rates of Ripening. *Journal of Experimental Botany*. 48(308):769778.
- Alaydrus, Y. 2008. *Pemuliaan dan Pewarisan Sifat Ketahanan terhadap Kyuri Green mottle mosaic virus (KGMMV) pada Melon (Cucumis melo L.)*. Tesis. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta. pp.67-69.
- Alfiani, A. 2015. Kestabilan Karakter Fenotip Melon Hibrida (*Cucumis Melo* L. 'Luna') Hasil Budidaya di Pusat Inovasi Agroteknologi UGM. Seminar. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta
- Anonim. 2011. *Catalog 2011 Special Edition For the New Inauguration*. Know You Seed Co., Ltd. Taiwan. p:20.
- Apriyantono, A. 2006. *Peraturan Menteri Pertanian Nomor 1 Tahun 2006: Syarat Penanaman dan Tata Cara Pendaftaran Varietas Tanaman*. Kementerian Pertanian Republik Indonesia. Jakarta.
- Arumuganathan, K., & E. D. Earle. 1991. Nuclear DNA content of some important plant species. *Plant Mol. Biol. Rep.* 9: 208–218.
- Azrai, M. 2005. Pemanfaatan Markah Molekuler dalam Proses Seleksi Pemuliaan Tanaman. Ulasan. *Jurnal AgroBiogen*. 1 (1):26-37.
- Barbas III, C. F., D. N. Burton, J. K. Scott, and G. J. Silverman. 2007. *Quantitation of DNA and RNA*. *Cold Spring Harb Protoc.* <http://cshprotocols.cshlp.org/content/2007/11/pdb.ip47.full>. Diakses tanggal 9 Oktober 2016.
- Bradley, S. G. & J. S. Bond. 1974. *Advance in Applied Microbiology* Vol. 18 (D. Perlman ed.). Academic Press, Inc. London. p: 135.
- Buol, S. W., R. J. Southard, R. C. Graham, & P. A. McDaniel. 2011. *Soil Genesis and Classification 6th ed*. John Wiley & Sons, Inc. West Sussex.
- Campbell, N. A., J. B. Reece, L. A. Urry, M. L. Cain, S. A. Wasserman, P. V. Minorsky, & R. B. Jackson. 2008. *Biologi Edisi Kedelapan Jild 1*. Erlangga. Jakarta. pp:282-303.
- Cowder, L.V. 1986. *Genetika Tumbuhan*. Gadjah Mada University Press. Yogyakarta. pp: 366-442.
- Daryono, B.S., G. R. Aristya, and R. S. Kasiamdari. 2011. Development of Random Amplified Polymorphism DNA Markers Linked to Powdery Mildew Resistance Gene in Melon. *Indonesian Journal of Biotechnology* 16 (2): 76-82.
- Dawling, P. 2013. *Sustainable Market Farming: Intensive Vegetable Production on a Few Acres*. New society Publishers. Canada. p: 296.
- Dewi, I.R. 2008. *Peranan dan Fungsi Fitohormon bagi Pertumbuhan Tanaman*. Makalah. Universitas Padjadjaran. Bandung. Hal : 30.
- Dinas Pertanian DIY. 2015. *Produksi, Luas Lahan dan Produktivitas Hortikultura Nasional 2010-2019*. https://aplikasi.pertanian.go.id/bdsp/hasil_kom.asp. Diakses 1 Februari 2016.
- Eeles, R.A. & Stamps, A.C. 1993. *Polymerase Chain Reactions (PCR): The Technique and Its Application*. Landes Company. Texas, pp.1, 4-6

- Fatchiyah, E.L Arumingtyas, S.Widyarti, & S. Rahayu. 2011. *Biologi Molekular: Prinsip Dasar Analisis*. Penerbit Erlangga. Jakarta PP: 48-56
- Fatkhurohman, 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.
- Frankham, R., J. D. Ballou, & D. A. Briscoe. 2002. *Introduction to Conservation Genetic*. Cambridge University Press. United Kingdom. pp: 43-69.
- Garrett, R. H., & C. M. Grisham. 2013. *Student Solution Manual, Study Guide & Problem Book, Biochemistry* 5th ed. Brooks/cole Cengage Learning. California. pp:206-207.
- Glaubitz, J. C. and G. F Moran. 2000. Genetic Tools: The use of biochemical and molekular markers in forest Conservation Genetics – Principles and Practice (Eds: A. Young, D. Boshier and T. Boyle). CSIRO Publishing. Collingwood. P: 352
- Gomez, K. A., & A. A. Gomez. 2010. *Prosedur Statistik untuk Penelitian Pertanian* 2nd ed. UI-press. Jakarta. pp:13-18.
- Goto, M. 1990. *Fundamental of Bacterial Plant Pathology*. Academic Press, Inc. California. pp: 32-33.
- Goto, M. 1990. *Fundamental of Bacterial Plant Pathology*. Academic Press, Inc. California. pp: 32-33.
- Grody, W. W., R. M. Nakamura, C. M. Strom, & F. L. Kiechle. 2010. *Molekular Diagnostic: Technique & Application for the Clinical Laboratory* 1st ed. Academic Press. London. pp: 56-57.
- Handayani, N. S. N., B. S. Daryono, G. R. Ariestya, & T. Arisuryanti. 2014. *Bahan Ajar Kuliah Genetika Populasi*. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta. 32-52.
- Handoyo, D. and Rudiretna, A. 2000. Prinsip Umum Dan Pelaksanaan Polymerase Chain Reaction (PCR). *Unitas* 9 (1) : 17-29.
- Hartwell, L.H., L.Hood., M.L Goldberg., A.E Reynolds., & L.M Silver. 2011. *Genetics: From Genes to Genomes* 4th edit. Mc Graw Hill. New York. PP: 295-310
- Hindarwati. 2006. *Panduan Pengujian Individual Kebaruan, Keunikan, Kesaragaman, dan Kestabilan: Melon (*Cucumis melo* L.)*. Departemen Pertanian Republik Indonesia: Pusat Perlindungan Varietas Tanaman. p.8.
- Indrawan, M., R. B. Primack & J. Supriatna. 2007. *Biologi Konservasi*. Yayasan Obor Indonesia. Jakarta. p: 15.
- IPGRI. 2003. *Minimum Descriptors for Cucurbita spp., Cucumber, Melon, and Watermelon*. European Cooperative Programme for Riset Genetic Resource. p.9.
- Kamino, S. S. 2015. *SK KEMENTAN NO. 165/Kpts/SR.120/D.2.7/11/2015*. Kementrian Pertanian Indonesia. Jakarta. 4 pp.
- Kumar, N.S. & G. Gurusubramanian. 2011. Random Amplified Polymorphic DNA (RAPD) Markers and its Application. *Science Vision journal* 11(3): 116-123.
- Lerner, K.L. and Lerner, B. W. 2006. *DNA Isolation Methodes*. World of Forensic Science, Gale Cengage. <http://www.enotes.com/dna-isolation-methods-reference/dna-isolation-methods>. Diakses tanggal 10 Februari 2016.

- Long, R. L. 2005. *Improving Fruit Soluble Solids Content in Melon (*Cucumis melo* L.) (reticulatus group) in The Australian Production System*. Tesis. Faculty of Arts Health and Science, Central Queensland University, Australia. p: 7-10.
- Maryanto, S. D. 2013. *Karakter Morfologis dan Gen Pengkode Senyawa Volatil pada Tanaman Melon (*Cucumis melo* L.) Kultivar Gama Melon Parfum*. Tesis. Universitas Gadjah Mada. Yogyakarta. Hal : 29-59.
- Morales, M., E. Roig, A. J. Monforte, P. Arus, & J. Garcia-Mas. 2004. Single-nucleotide Polymorphism Detected in Expressed Sequence Tag of Melon (*Cucumis melo* L.). *Genome*. 47:352-360.
- Nonnecke, I. L. 1989. *Vegetable Production*. Van Nostrand Reinhold. United States of America. P: 558.
- Nuryanto, H. 2007. *Budi Daya Melon*. Azka Press. Jakarta. p.43-50.
- Prajnanta, F. 2004. *Pemeliharaan secara Intensif dan Kiat Sukses Beragrobisnis Melon*. PT Penebar Swadaya. Jakarta. pp.1-5, 8-12.
- Prana, T.K. dan N.S. Hartati. 2003. Identifikasi Sidik Jari DNA Talas Indonesia dengan Teknik RAPD: Skrining Primer dan Optimalisasi Kondisi PCR. *Jurnal Natur Indonesia*. 5(2): 107-112
- Prescott, L. M., J. P. Harley, & D. A. Klein. 1999. *Microbiology* 4th ed. William C Brown Publisher. Texas.
- Priest, F., & B. Austin. 1993. *Modern Bacterial Taxonomy* 2nd ed. Chapman & Hall. London. p: 15.
- Prihatman, K. 2000. Melon (*Cucumis melo* L.). <http://www.ristek.go.id/pertanian/melon.pdf.htm>. Di akses 14 Januari 2016.
- Prohenz, J., & F. Nuez. 2008. *Handbook of Plant Breeding : Vegetable I*. Springer Science+Business Media LLC. New York. pp. 283-284.
- Puspaningtyas, D. 2014. *Analisis Variasi Genetik Melon (*Cucumis melo* L. cv. Melodi Gama 3) dengan Random Amplified Polimorphic DNA*. Skripsi. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Rabbani, A. 2015. *Karakterisasi Molekular & Hubungan Kekerbatan Melon (*Cucumis melo* L.) 'Hikadi' berdasarkan Gen *Cucumis Mutator-like Transposable Element**. Tesis. fakultas Biologi UGM. yogyakarta. pp:43-45.
- Robinson, R. W., & D. S. Decker-Walters. 1996. *Cucurbits*. CAB International. New York. p.65-70.
- Rukmana, R. 1994. *Melon hibrida*. Kanisius. Yogyakarta. pp.11-16.
- Samadi, B. 2007. *Melon : usaha tani dan penangana pascapanen*. Kanisius. Yogyakarta. p.17
- Sandy, I.M. 1996. *Republik Indonesia Geografi Regional*. Indograph Bakti. Jakarta.
- Sensoy, S., S. Buyukalaca, and K. Abak. 2007. Evaluation of Genetic Diversity in Turkish Melons (*Cucumis melo* L.) Based on Phenetic Characters and RAPD Markers. *Genet Resour Crop Evol* 54: 1351-1365.
- Silberstein, L., I. Kolvalski, R. Huang, M.K. Jahn and Perl-Treves. 1999. Moleculer Variation in Melon (*Cucumis melo* L.) as revealed by RFLP and RAPD markers. *Scientica Horticultura*, 79: 101-111

- Sneath, P. H. A. 1972. *Methods in Microbiology* Vol. 7A (J. R. Norris & D. W. Ribbons, eds.). Academic Press, Inc. London. pp: 58, 85.
- Sobir, & F. D. Siregar. 2010. *Budi daya melon unggul*. Penebar Swadaya. Depok. pp.30-33.
- Teare, J. M., R. Islam, R. Flanagan, S. Gallagher, M. G. Davies & C. Grabau. 1997. Measurement of Nucleid Acid Concentration Using the DyNa QuantTM & the GeneQuantTM. *BioTechnique*. 22:1170-1174.
- Tingey, S.V, Rafalski, J.A., and Williams, J.G.K. 1992. Genetic analysis with RAPD markers. In: *Application of RAPD Technology to Plant Breeding*. Pp : 3-8.
- Tjahjadi, N. 1987. *Bertanam melon*. Kanisius. Yogyakarta. pp.15-18.
- Tjitrosoepomo, G. 1991. *Taksonomi Tumbuhan*. Gadjah Mada University Press. Yogyakarta.
- UPOV. 2006. *Guidelines for the Conduct of Test for Distinctness, Uniformity & Stability, Melon (*Cucumis melo* L.)*. TG/104/5. Geneva. pp: 34; 37.
- USDA. 2014. *Melons, cantaloupe, raw (includes USDA commodity food A415) Nutrition Fact & Calories*. <http://nutritiondata.self.com/facts/fruits-and-fruit-juices/1954/2>. Diakses 9 Oktober 2016.
- Weihong, G.M. 1996. *Comparison of Staking and Nonstaking on Melon and Muskmelon (*Cucumis melo* L.) production*. ARC Training.
- Weising, K., H. Nybom, K. Wolff, and W. Meyer. 1995. *DNA Fingerprinting in Plant and fungi*. CRC Press. Florida.
- Wibisono, D. R. 2014. *Variasi genetik klon Jati Unggul Nusantara(*Tectona grandis* Linn.f.) berdasarkan karakter molekular dengan analisis Random Amplified Polymorphic DNA*. Skripsi. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Williams, J.G.K., A.R. Kubelik, Livak., J.A. Ravalski, and S.V. Tingey. 1990. DNA polymorphism amplified by arbitrary primers are useful as genetic markers. *Nucleis Acids Research* 18 (22) : 6531-6535