DAFTAR PUSTAKA

Adalberto, C., C. Filho., G. R. Santos., & F. F. Laranjeira. 2010. Temporal and spatial dynamics of watermelon gummy stem blight epidemics. *European Journal of Plant Pathology*. 128: 473–482.

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.

Alaydrus, Y. 2005. *Pemuliaan Dan Pewarisan Sifat Ketahanan Terhadap Kyuri Green Mottle Mozaic Virus (KGMMV) Pada Melon* (*Cucumis sativus* L.). Tesis. Fakultas Biologi. Universitas Gadjah Mada. Yogyakarta.

Aristya, G. R. 2006. *Pewarisan dan Pemetaan Penanda Sequence Characterized Amplified Region (SCAR) Terpaut Gen Penyandi Ketahanan Powdery Mildew [Podosphaera xanthii (Castag.) Braun et Shiskoff)] Pada Tanaman Melon (Cucumis melo* L.*)*. Tesis. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.

Aristya, G. R., B. S. Daryono., & Y. Rachmawati. 2014. Karakter Gen *CmBG1* Melon (*Cucumis melo* L.) Pada Pengaruh Cekaman Tanah Karst. *Sains Matematika*. 3 (1): 13-18.

Aryantha, I., Y. Mulyani., & R. Arifuddin. 2008. Penanda Molekul DNA Mikrosatelit untuk Karakterisasi Bibit Jamur Kuping (*Auricularia polytricha* [Mont.] Sacc.). *Jurnal Matematika dan Sains*. 13 (1): 7-15.

Astuti. 2007. *Budi Daya Melon*. PT Agromedia Pustaka. Jakarta.

Azrai, M. 2005. Pemanfaatan Markah Molekular dalam Proses Seleksi Pemuliaan Tanaman. Ulasan. *Jurnal AgroBiogen*. 1 (1): 26-27.

Azrai, M. 2006. Sinergi Teknologi Markah Molekuler Dalam Pemuliaan Tanaman Jagung. *Jurnal Litbang Pertanian*. 25 (3): 81-89.

Carmen de vecente, M., & T. Fulton. 2003. *Using Molecular Marker Technology in Studies on Plant Genetic Diversity.* International Plant Genetic Resources Institute and Cornell University. Italy and New York.

Chaerani., N. Hidayatun., & D. W. Utami. 2009. Pengembangan Set Multipleks Penanda DNA Mikrosatelit untuk Analisis Variasi Genetik Padi dan Kedelai. *Jurnal AgroBiogen*. 5 (2): 57-64.

Chaerani., D. W. Utami., N. Hidayatun., B. Abdullah., & B. Suprihatno. 2014. Asosiasi Antara Marka SSR dengan Ketahanan Terhadap Wereng Batang Coklat Pada Varietas dan Calon Galur Harapan Padi. *Jurnal Entomologi Indonesia*. 11 (1): 43-52.

Cintamulya, I. 2013. Analisis Variasi Genetik Varian Jati Arboretum dengan Penanda Mikrosatelit. *Jurnal Pendidikan Sains*. 1 (2): 109-114.

Crowder, L. V. 1986. *Genetika Tumbuhan (terjemahan)*. Gadjah Mada University Press. Yogyakarta.

Danin-Poleg, Y., N. Rels., G. Tzuri., & N. Katzir. 2001. Development and Characterization Microsatellite Merkers in *Cucumis*. *Theor Appl Genet*. 102: 61-72

Daryono, B. S., & M. T. Qurrohman. 2009. Pewarisan Sifat Ketahanan Melon (*Cucumis melo* L.) Terhadap Powdery Mildew (*Podosphaera xantii* (Castag.) Braun et shiskoff*). Jurnal Perlindungan Tanaman Indonesia*. 15 (1): 1-6.

Daryono, B. S., K. Wakui., & K. T. Natsuaki. 2009. Development of Random Amplified Polymorphism DNA Markers Linked to CMV-B2 Resistance Gene in Melon. *HAYATI Journal of Bioscience*. 16 (4): 142-146.

Daryono, B. S., G. R. Aristya., & 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.

Departemen Pertanian. 2014. Basis Data Statistik Pertanian. Departemen Pertanian Republik Indonesia. http://www.deptan.go.id/tampil.php?page=inf. Diakses tanggal 10 September 2014.

Dualembang, E., Y. Musa., & M. Azrai. 2011. Karakterisasi Genetik Koleksi Plasma Nutfah Sorgum (*Sorghum bicolor* L. Moench) Berbasis Marka SSR (*Simple Sequence Repeats*). *Jurnal Litbang Pertanian*. 25 (3): 1-15.

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.

Franzt, J. D., & M. M. Jahn. 2004. Five independent loci each control monogenic resistance to gummy stem blight in melon (*Cucumis melo* L.). *Theor Appl Genet*. 108: 1033–1038.

Freckmann, R. W. 2012. *Cucumis melo* L. Herbarium. University of Wisconsin Madinson. USA.

Furukawa, T., Y. Ono., & K. Kishi. 2007. Gummy stem blight of balsam pear caused by *Didymella bryoniae* and its anamorph *Phoma cucurbitacearum*. *Journal Gen Plant Pathology*. 73: 125–128.

Garcia-Mas, J., A. J. Monforte., & P. Arus. 2004. Phylogenetic Relationship Among *Cucumis* spesies Based on The Ribosomal Internal Transcribed Spacer Sequence and Microsatellite Markers. *Plant Systematic and Evolution*. 248 (1): 191-203.

Grube, M., M. Furnkranz., S. Zitzenbacher., H. Huss., & G. Berg. 2011. Emerging multi-pathogen disease caused by *Didymella bryoniae* and pathogenic bacteria on Styrian oil pumpkin. *European Journal of Plant Pathology*. 131: 539–548.

Handoyo, D., & A. Rudiretna. 2001. Prinsip Umum dan Pelaksanaan *Polymerase Chain Reaction* (PCR) [*General Principles and Implementation of Polymerase Chain Reaction*]. *Unitas*. 9 (1): 17-29.

Koolman, J., & K.H. Rohm. 1994. *Color Atlas Biochemistry*. Rudigerstrabe 14, D-70469 Stuttgart, Germany.

Lee, S. C., K. S. Han., J. H. Lee., D. K. Kim., & H. K. Kim. 2003. Monoclonal Antibody-Based Indirect-ELISA for Early Detection and Diagnosis of Epiphytic *Didymella bryoniae* in Cucurbits. *Journal Plant Pathology*. 19 (5): 260-265.

Lou, L., H. Wang., C. Qian., J. Liu., & J. Chen. 2013. Genetic mapping of gummy stem blight (*Didymella bryoniae*) resistance genes in *Cucumis sativus-hystrix* introgression lines. *Euphytica*. 192: 359–369.

Mangoendidjojo, W. 2003. *Dasar-Dasar Pemuliaan Tanaman*. Penerbit Kanisius. Yogyakarta.

Nga, N. T. T., N. T. Giau., N. T. Long., M. Lubeck., N. P. Shetty., E. D. Neergaard., T. T. T. Thuy., P. V. Kim., & H. J. L. Jorgensen. 2009. Rhizobacterially induced protection of watermelon against *Didymella bryoniae*. *Journal of Applied Microbiology*. 109: 567–582.

Pech, J. C., A. Bernadac., M. Bouzayen., A. Latche., C. Dogimont., & M. Pitrat. 2007. Melon. *Biotechnology in Agriculture and Forestry*. 60 (5): 209-240.

Pitrat, M. 1991. Linkage Groups in *Cucumis melo* L. *J Hered.* 82:406-411.

Prajnanta, F. 2004. *Pemeliharaan Secara Intensif dan Kiat Sukses Beragrobisnis Melon*. PT Penebar Swadaya. Jakarta.

Prihatman, K. 2000. *Melon (Cucumis melo* L.*)*. http://www.ristek.go.id/pertanian/melon.pdf.htm. Diakses tanggal 20 September 2014.

Puspaningtyas, D. 2014. Analisis Variasi Genetik Melon (*Cucumis melo* L. cv. Melodi Gama 3) dengan *Random Amplified Polymorphic DNA*. Skripsi. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.

Qurrohman, M. T. 2011. Analisis Keterpautan Gen Ketahanan Terhadap *Powdery Mildew* pada Tanaman melon (*Cucumis melo* L.) Hasil *Test Cross* dengan Penanda *Sequence Characterized Amplified Region* (SCAR). Tesis. Fakultas Biologi. Universitas Gadjah Mada. Yogyakarta.

Rasad, S. D. 2009. Analisa Mikrosatelit dalam Bioteknologi Reproduksi Ternak (Suatu Kajian Pustaka). *Agripet*. 9 (2): 49-54.

Ritschel, P. S., T. C. De Lima Lins., R. L. Tristan., G. S. C. Buso., J. A. Buso., & M. E. Ferreira. 2004. Development of Microsatellite Markers from An Enriched Genomic Library for Genetic Analysis of Melon (*Cucumis melo* L.). *BMC Plant Biology*. 4 (9): 1-14.

Robinson, R. W., & D. S. D. Walters. 1999. *Cucurbits, Crop Production Science in Holticulture*. CAB International. New York.

Rogers, S. O., & A. J. Bendich. 1985. Extraction of DNA from Milligram Amounts of Fresh, Herbarium, and Mummified Plant Tissue. *Plant Molecular Biology*. 5 (1): 69-76.

Rukmana, R. 1994. *Budidaya Melon Hibrida.* Penerbit Kanisius. Yogyakarta.

Sambrook, J., & D. W. Russell. 2001. *Molecular Cloning A Laboratory Manual* 3rd Edition. Cold Spring Harbor Laboratory Press. New York.

Saptadi, D., R. R. S. Hartati., A. Setiawan., B. Heliyanto., & Sudarsono. 2011. Pengembangan Marka *Simple Sequence Repeat* untuk *Jathropa* spp. *Jurnal LITRI*. 17 (4): 140-149.

Semagn, K., A. Bjornstad., & M. N. Ndijiondjop. 2006. An Overview of Molecular Marker Methods for Plants. *African Journal of Biotechnology*. 5 (25): 2540-2568.

Setiadi & Parimin. 2001. *Bertanam Melon*. Penebar Swadaya. Jakarta.

Shim, C. K., I. K. Seo., H. J. Jee., & H. K. Kim. 2006. Genetic Diversity of *Didymella bryoniae* for RAPD Profile Substantiated by SCAR Marker in Korea. *Journal Plant Pathology*. 22 (1): 26-45.

Smith, J. S. C., E. C. L. Chin., H. Shu., O. S. Smith., S. J. Wall., M. L. Senior., S. E. Mitchell., S. Kresovich., & J. Ziegle. 1997. An Evolution of the Utility of SSR Loci as Molecular Markers in Maize (*Zea mays* L.): Comparison wirh Data from RFLPS and Pedigree. *Theor Appl Genet*. 95: 163–173.

Sokal, R.H., & P. A. Sneath. 1973. *Principle of Numerical Taxonomy*. W. H. Freeman and Co. San Francisco.

Sudarmi. 2013. Peranan Biologi Molekuler dalam Pemuliaan Tanaman. *Magistra*. 84: 75-79.

Sulandari, S., & M. S. A. Zein. 2003. *Panduan Praktis Laboratorium DNA*. Bidang Zoologi. Pusat Penelitian Biologi. LIPI.

Supar. 2003. Retriksi Endonuklease DNA Genomik *Pasteurella multocida* Isolat Indonesia, Galur Katha dan Galur Referen yang Dianalisa dengan PFGE. *JITV*. 8(3): 196-204.

Surzycki, S. J. 2000. *Basic Technique in Molecular Biology*. Springer-Verlag Publisher. New York.

Tjitrosoepomo, G. 1991. *Taksonomi Tumbuhan (Spermatophyta)*. Gadjah Mada University Press. Yogyakarta.

Utkhede, R. S., & C. A. Koch. 2002. Evaluation of biological and chemical treatments for control of gummy stem blight on cucumber plants grown hydroponically in greenhouses. *BioControl*. 49: 109–117.

Wang, Y., T. K. Behera., & C. Kole. 2012. *Genetics, Genomis, and Breeding of Cucurbits*. Science Publishers Edenbridge Ltd. USA.

Wolukau, J. N., X. H. Zhou., Y. Li., Y. B. Zhang., & J. F. Chen. 2009. Resistance to Gummy Stem Blight in Melon (*Cucumis melo* L.) Germplasm and Inheritance of Resistance from Plant Introductions 157076, 420145, and 323498. *HORTSCIENCE*. 42 (2): 215–221.

Ying, W. H., Q. C. Tao., L. Li-na., L. Qun-feng., Z. Yong-bing., Y. Hong-ping., W. Ming-Zhu., & C. Jin-feng. 2012. A SSR Marker Linked to *Gsb-4* Loci Resistance to Gummy Stem Blight in Melon. *Acta Horticulturae Sinica*. 39 (3): 574–580.

Yuwono, T. 2006. *Biologi Molekular*. Penerbit Erlangga. Jakarta.

Zhang, J., B. D. Bruton., & C. L. Biles. 2014. Cell wall-degrading enzymes of D*idymella bryoniae* in relation to fungal growth and virulence in cantaloupe fruit. *European Journal of Plant Pathology*. 139: 749–761.

Zhuang, F. Y., J. F. Chen., J. E. Staub., & C. T. Qian. 2004. Assessment of Genetic Relationship Among *Cucumis* spp. by SSR and SCAR Marker Analysis. *Plant Breeding*. 123: 167-172.