

DAFTAR PUSTAKA

- Agrios, G.N. 1969. *Plant Pathology*. Academic Press. New York.
- Anonim. 2002. *Pestisida untuk Pertanian dan Kehutanan*. Direktorat Pupuk dan Pestisida. Dep. Pertanian. Jakarta
- Anonim. 2012. *Deskripsi Melon Varietas Aramis*. [http://varitas.net/dbvarietas/varimage/Melon%20Aramis%20\(OK\).pdf](http://varitas.net/dbvarietas/varimage/Melon%20Aramis%20(OK).pdf). Diakses tanggal 10 Januari 2016
- Anonim. 2014. Prinsip Kerja Refractometer ABBE. <https://indodigital.com/prinsip-kerja-refractometer-abbe.html>.
- Aristya, G.R., A. Agriansyah dan B.S. Daryono. 2013. *Deteksi dan Skrining Pewarisan Sifat Ketahanan Penyakit Powdery Mildew pada Generasi Backcross Tanaman Melon (*Cucumis melo* L.) var. Tacapa*. Fakultas Biologi UGM. Yogyakarta.
- Bates, D. M. and R.W. Robinson. 1995. Cucumbers, Melons and Watermelons. In *Evolution of Crop Plants*, Smartt, J and N.W. Simmonds, Second Eddition Essex. Longman Scientific.
- Bautista, R., R. Crespillo, F.M. Canovas and M.G. Claros. 2002. Identification of Olive-tree Cultivars with SCAR Markers. *Euphytica* 129:33-41
- Blanco, A., A. Gadaleta, A. Cenci, A.V. Carluccio, A.M.M. Abdelbacki and R. Simeone. 2008. Molecular Mapping of the Novel Powdery Mildew Resistance Gene *Pm36* Introgressed from *Triticum turgidum* var. *dicoccoides* in Durum Wheat. *Theor. Appl. Genet.* 116:417-425.
- Braun, U. and S. Takamatsu. 2000. Phylogeny of *Erysiphe*, *Microsphaera*, *Uncinula* (Erysiphae) and *Cystotheca*, *Podosphaera*, *Sphaerotheca* (Cystothecae) Inferred from rDNA ITS Sequences - some Taxonomic Consequences. *Schlechtendalia*. 4:1-33
- Daryono, B.S. dan S.D. Maryanto. 2017. *Keanekaragaman dan Potensi Sumber Daya Genetik Melon*. UGM Press. Yogyakarta
- Daryono, B.S., G.R. Aristya and R.S. Kasiamdari. 2011. Development of Random Amplified Polymorfism DNA Markers Linked to Powdery Mildew Resistance Gene in Melon. *Indonesian Journal of Biotechnology*. 16(2):76-82.
- Direktorat Pertanian. 2015. Statistik Produksi Hortikultura Tahun 2014. Sumber <http://hortikultura.pertanian.go.id/wp-content/uploads/2016/02/Statistik-Produksi-2014.pdf>
- Fukino, N., M. Kunihiisa and S. Matsumoto. 2004. Characterization of Recombinant Inbred Lines Derived from Crosses in Melon (*Cucumis melo* L.), 'PMAR No.5' x 'Harukei No.3'. *Breeding Science* 54:141-145.
- Gilman, A.G., J.G. Hardman dan L.E. Limbird. 1996. *Dasar Farmakologi Terapi*. Penerjemah : Tim Alih Bahasa Sekolah Farmasi ITB, Edisi X. Jakarta : ECG. Hal : 1735-1737

- Grubben, G.J.H. and O.A. Denton. 2004. *Plant Resources of Tropical Africa 2 : Vegetables*. Backhuys Publishers. Leiden.
- He, R., Z. Chang, Z. Yang, Z. Yuan, H. Zhan, X. Zhang and J. Liu. (2009). Inheritance and Mapping of Powdery Mildew Resistance Gene *Pm43* Introgressed from *Thinopyrum intermedium* into Wheat. *Theor. Appl. Genet* 118:1173-1180.
- Horst, R.K. 2013. *Westcott's Plant Disease Handbook Eighth Edition*. Springer. New York.
- Hu, P., M. Hedge and P.A. Lennon. 2012. *Modern Clinical Molecular Techniques*. Springer. New York.
- Hua, W., Z. Liu, J. Zhu, C. Xie, T. Yang, Y. Zhou, X. Duan, Q. Sun and Z. Liu. 2009. Identification and Genetic Mapping of *Pm42*, a New Recessive Wheat Powdery Mildew Resistance Gene Derived from Wild Emmer (*Triticum turgidum* var. *dicoccoides*). *Theor Appl Genet* 119: 223-230
- Huang, X.Q., L.X. Wang, M.X. Xu and M.S. Röder. 2003. Microsatellite Mapping of the Powdery Mildew Resistance Gene *Pm5e* in Common Wheat (*Triticum aestivum* L.). *Theor. Appl. Genet.* 106: 858– 865.
- Huda, I.N. 2011. *Analisis Variasi Genetik Melon (Cucumis melo L.) Kultivar Gama Melon Basket dan Melodi Gama-1 dengan Metode Random Amplified Polymorphic DNA*. Skripsi Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Jones, C.J., K.J. Edwards, S. Castaglione, M.O. Winfield, F. Sala, C. van de Wiel, G. Bredemeijer, B. Vosman, M. Matthes, A. Daly, R. Brettschneider, P. Bettini, M. Bulatti, E. Maestri, A. Malcevski, N. Marmioli, R. Aert, G. Volckaert, J. Rueda, R. Linacero, A. Vazquez and A. Karp. 1997. Reproducibility Testing of RAPD, AFLP and SSR Markers in Plants by a Network of European Laboratories. *Mol Breed*, 3:381- 390
- Joshi, M. and J.D. Deshpande. 2010. Polymerase Chain Reaction : Methods, Principles and Application. *International Journal of Biomedical Research.* 5: 81-97
- IPGRI. 2003. *Descriptors for Melon (Cucumis melo L)*. International Plant Genetic Resources Institute. Rome. Italy
- Klug, S.W., M.R. Cummings., C.A. Spencer., and M.A. Palladino. 2011. *Concept of Genetics Tenth Edition*. Pearson Education. San Francisco
- Lillemo, M., B. Asalf, R.P. Singh, J. Huerta-Espino, X.M. Chen, Z.H. He and A. Bjørnstad. 2008. The Adult Plant Rust Resistance loci *Lr34/Yr18* and *Lr46/Yr29* are Important Determinants of Partial Resistance to Powdery Mildew in Bread Wheat Line Saar. *Theor. Appl. Genet* 116: 1155-1166
- Listiawan, D.A. 2009. *Deteksi Gen Pengkode Sifat Ketahanan terhadap Powdery Mildew (Podosphaera xanthii (Castagne) U. Braun & N. Shishkoff) pada Melon (Cucumis melo L.) dengan Penanda Molekuler Suquence Characterized Amplified Region*. Skripsi. Universitas Gadjah Mada.
- Li, G., T. Fang, H. Zhang, C. Xie, H. Li, T. Yang, E. Nevo, T. Fahima, Q. Sun and Z. Liu. 2009. Molecular Identification of A New Powdery Mildew Resistance Gene *Pm41* on Chromosome 3BL Derived from Wild Emmer (*Triticum turgidum* var. *dicoccoides*). *Theor. Appl. Genet* 119: 531-539

- Liu, Z., Q. Sun, Z. Ni, E. Nevo and T. Yang. 2002. Molecular Characterization of a Novel Powdery Mildew Resistance Gene *Pm30* in Wheat Originating from Wild Emmer. *Euphytica* 123: 21-29.
- Luo, P.G., H.Y. Luo, Z.J. Chang, H.Y. Zhang, M. Zhang and Z.L. Ren. 2009. Characterization and Chromosomal Location of *Pm40* in Common Wheat: a New Gene for Resistance to Powdery Mildew Derived from *Elytrigia intermedium*. *Theor. Appl. Genet* 118: 1059-1064
- Matheron, M.E. and M. Porchas. 2004. Management of powdery mildew on cantaloupe. *Journal Vegetable Report*. 139:1-3
- McGrath, M.T. 2001. Fungicide Resistance in Cucurbit Powdery Mildew: Experiences and Challenges. *Plant Disease* 85: 236-245
- McGregor, C.E., C.A. Lambert, M.M. Greyling, J.H. Louw and L. Warnich. 2000. A Comparative Assessment of DNA Fingerprinting Techniques (RAPD, ISSR, AFLP, and SSR) in Tetraploid Potato (*Solanum tuberosum* L.) Germplasm. *Euphytica* 113:135-144
- Miranda, L.M., J. P. Murphy, D. Marshall and S. Leath. 2006. *Pm34*: A New Powdery Mildew Resistance Gene Transferred from *Aegilops tauschii* Coss. to Common Wheat (*Triticum aestivum* L.). *Theor. Appl. Genet* 113: 1497-1504.
- Miranda, L.M., J.P. Murphy, D. Marshall, C. Cowger and S. Leath. 2007. Chromosomal Location of *Pm35*, a Novel *Aegilops tauschii* Derived Powdery Mildew Resistance Gene Introgressed into Common Wheat (*Triticum aestivum* L.). *Theor. Appl. Genet* 114: 1451-1456.
- Nugroho, L.H., Purnomo dan I. Sumardi. 2010. *Struktur dan Perkembangan Tumbuhan*. Penebar Swadaya. Jakarta
- Paran, I. and R.W. Michelmore. 1993. Development of Reliable PCR-based Markers Linked to Downy Mildew Resistance Genes in Lettuce. *Theor. Appl. Genet* 85:985-993
- Perugini L.D., J.P. Murphy, D. Marshall and G. Brown-Guedira. 2008. *Pm37*, A New Broadly Effective Powdery Mildew Resistance Gene from *Triticum timopheevii*. *Theor. Appl. Genet*. 116:417-425
- Prohens, J., and F. Nuez. 2008. *Vegetables 1 : Asteraceae, Brassicaceae, Chenopodiaceae, and Cucurbitaceae*. Springer. New York
- Rees, D., G. Farrell, and J. Orchard. 2012. *Crop Post-Harvest : Science and Technology*. Blackwell Publishers. West Sussex.
- Rosilawati, M.L., P. Sudarmono, and F. Ibrahim. 2002. Sensitivitas Metode PCR dalam Mendeteksi Isolat Klinis *Mycobacterium tuberculosis*. *J. Kedokteran Trisakti* (21):1.
- Rukmana, R. 1994. *Budidaya Melon Hibrida*. Kanisius. Yogyakarta. Hal. 73.
- Samadi, B. 2007. *Melon: Usaha Tani dan Penanganan Pascapanen*. Penerbit Kanisius. Yogyakarta
- Schwartz, S. J. and J.H.V. Elbe. 1996. *Food Chemistry, Third Edition*. Marcell Decker Inc. New York.
- Semangun, H. 2007. *Penyakit – penyakit Tanaman Hortikultura di Indonesia (edisi kedua)*. Gadjah Mada University Press. Yogyakarta
- Setiadi and Parimin. 2001. *Bertanam Melon*. Penebar Swadaya. Jakarta.

- Singrün, Ch., S.L.K. Hsam, L. Hartl, F.J. Zeller and V. Mohler. 2003. Powdery Mildew Resistance Gene *Pm22* in Cultivar Virest is a Member of the Complex *Pm1* Locus in Common Wheat (*Triticum aestivum* L. em Thell.). *Theor. Appl. Genet.* 106: 1420–1424.
- Sobir, M. dan F.D. Siregar. 2010. *Budidaya Melon Unggul*. Penerbit Swadaya. Depok
- Spielmeyer, W., R.A. McIntosh, J. Kolmer and E.S. Lagudah. 2005. Powdery Mildew Resistance and *Lr34/Yr18* Genes for Durable Resistance to Leaf and Stripe Rust Cosegregate at a Locus on the Short Arm of Chromosome 7D of Wheat. *Theor. Appl. Genet.* 111:731–735
- Stargrove, M.B., J. Treasure and D.L. McKee. 2008. *Herb, Nutrient, and Drug Interactions: Clinical Implications and Therapeutic Strategies*. Elsevier. Missouri
- Stepansky, A., I. Kovalski and R. Peri-Treves. 1999. Intraspecific Classification of Melons (*Cucumis melo* L.) in View of Their Phenotypic and Molecular Variation. *Plant Systematics & Evolution* 217: 313-333
- Timmer, W.C. and V. Juanita. 1993. Concepts in Biochemistry : the Polymerase Reaction. *Journal of chemical education* 70 : 273-280.
- Tjitrosoepomo, G. 1989. *Taksonomi Tumbuhan (Spermatophyta)*. Gadjah Mada University Press. Yogyakarta.
- Treuren, R. 2014. SCARs (*Sequenced Characterized Amplified Regions*). <https://www.wageningenur.nl/en/show/Sequence-Characterized-Amplified-Region-SCAR.htm>.
- Uozumi, T. and H. Yoshii. 1952. Some Observations on the Mildew Fungus Affecting Cucurbitaceous Plants. *Ann. Phytopath. Soc. Japan* 16: 123-126
- Viljoen, G.J., L.H. Nel and J.R. Crowther. 2005. *Molecular Diagnostic PCR Handbook*. Springer. The Netherlands
- Xie, C., Q. Sun, Z. Ni, T. Yang, E. Nevo, and T. Fahima. 2003. Chromosomal Location of a *Triticum dicoccoides*-derived Powdery Mildew Resistance Gene in Common Wheat by Using Microsatellite Markers. *Theor. Appl. Genet* (106): 341-345.
- Zhu Z, R. Zhou, X. Kong, Y. Dong and J. Jia. 2005. Microsatellite Markers Linked to 2 Powdery Mildew Resistance Genes Introgressed from *Triticum carthlicum* Accession PS5 into Common Wheat. *Genom* (48): 585-590.
- Yuwono, T. 2009. *Biologi Molekular*. Penerbit Erlangga. Jakarta