

DAFTAR PUSTAKA

- Ari, I.R. 2018. Pertumbuhan dan Produksi 2 Varietas Melon (*Cucumis melo* L.) pada Pemupukan Anorganik dan Organik Cair [Skripsi]. Makassar ID : Universitas Hasanuddin. hal 10
- Bariyyah, K., Suparjono, S., dan Usmadi. 2015. Pengaruh Kombinasi Komposisi Media Organik dan Konsentrasi Nutrisi terhadap Daya Hasil Tanaman Melon (*Cucumis melo* L.). *Planta Tropika Journal of Agro Science*, 3(2) : 67-72.
- Daryono, B.S., and Natsuaki, K.T. 2002. Aplication of Random Amplified Polymorphic DNA Markers for Detection of Resistant Cultivars of Melon (*Cucumis melo*) against Cucurbitaceae Viruses. *Acta Hort.* 588 : 321 - 329
- Daryono, B.S., dan Maryanto, S.D. 2017. *Keanekaragaman dan Potensi Sumber Daya Genetik Melon*. Yogyakarta : Gadjah Mada University Press. hal. 7 – 8, 12, 14, 76 -80.
- Guest, D., and Brown, J. 1997. *Plant Pathogens and Plant Diseases*. Burlington : Rockvale publicatios national library of Australia.pp. 266-267
- Deepthi, H.R. 2008. Physiology Quality of Muskmelon (*Cucumis melo* L.) as Influenced by Plant Growth Regulators [Thesis]. Dharward : University of Agricultural Science.pp. 1-2
- Fitria dan Masnilah, R. 2020. Respon Ketahanan dan Kandungan Senyawa Fenol Enam Varietas Kedelai (*Glycine max* (L.) Merrill) terhadap Penyakit Busuk Pangkal Batang (*Sclerotium rolfsii* Sacc.). *Berkala Ilmiah PERTANIAN*, 3(1): 27-32.
- Fleshman, M.K., Lester, G.E., Riedl, K.M., Kopec, R.E., Narayanasamy, S., Curley, R.W., Schwartz, S.J., and Harrison, E.H. 2011. Carotene and Novel Apocarotenoid Concentrations in Orange-Fleshed *Cucumis melo* Melons: Determinations of β -Carotene Bioaccessibility and Bioavailability. *Journal of Agricultural and Food Chemistry*, 59 : 4448-4454
- Gaur, R.K., Hohn, T., and Sharma, P. 2014. *Plant Virus-Host Interaction : Molecular Approaches and Viral Evolution*. Oxford : Elsevier Inc. pp. 348-352
- Gotz, M., and Winter, S. 2016. Diversity of *Bemisia tabaci* in Thailand and Vietnam and Indications of Species Replacement. *Journal of Asia-Pacific Entomology*, 19 : 537 - 543.
- Gupta, N. 2019. DNA Extraction and Polymerase Chain Reaction. *Journal of Cytology*, 36(2) : 116 - 117
- Grumet, R., Katzir, N.L., Little, H.A., Portnoy,V., and Burger, Y. 2007. New Insight into Reproductive Development in Melon (*Cucumis melo* L.). *International Journal of Plant Developmental Biology*, 1(2) : 253 – 264
- Ha, C., Coombs, S., Revill, P., Harding, Vu, M, and Dale, J. 2007. Molecular Characterization of Begomovirus and DNA Satelites From Vietnam : Additional Evidence That the New World Geminiviruses were Present in the Old World Prior to Continental Separation. *Journal of General Virology*, 89: 312 – 326

- Hamdayanty dan Damayanti, T.A. 2014 Infeksi *Bean Common Mosaic Virus* pada Umur Tanaman Kacang Panjang yang Berbeda. *Jurnal Fitopatologi Indonesia*, 10(6) : 181-187
- Harris, K.F., and Maramorosch, K. 1980. *Vector of Plant Pathogens*. Academic Press. New York. pp. 39, 41, 45
- Hidayat, S.H., Chatchawankanpanich, O., and Aidawati, N. 2008. Molecular Identification and Sequence Analysis of *Tobacco Leaf Curl Begomovirus* from Jember, East Java, Indonesia. *HAYATI Journal of Biosciences*, 15(1) : 13 - 17
- Hogenhout, S.A., Ammar, E., Whitfield, A.E., and Redinbaugh, M.G. 2008. Insect Vector Interaction with Persistently Transmitted Viruses. *The Annual Review of Phytopathology*, 46(1) : 327-359
- Hopkins, W.G., and Huner, N.P.A. 2009. *Introduction to Plant Physiology 4th ed.* Kendallville : John Wiley and Sons, Inc. pp. 235
- Indiati, S.W. 2004. Penyaringan dan Mekanisme Ketahanan Kacang Hijau MLG-716 terhadap Hama Trips. *Jurnal Pertanian*, 23(3) : 100-106
- 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=22362#null. (Accessed : December 10, 2018).
- Julijantono, I., Somowiyarjo, S., Trisyono, Y.A., and Daryono, B.S. 2010. Disease Incidence of Melon Leaf Curl in East Java and Special Province of Yogyakarta. *Jurnal Perlindungan Tanaman Indonesia*, 16(2) : 76-81
- Just, K. 2017. *Begomovirus Infection in Tomato Fruit*. Tartu : Estonian University of Life Sciences [Doctoral Thesis]. pp. 12 – 13
- Khaled, A.Y., Aziz, S.A., Bejo, S.K., Nawi, N.M., Seman, I.A., and Onwude, D.I. 2018. Early Detection of diseases in plant tissue using spectroscopy Applications and Limitations. *Applied Spectroscopy Reviews*, 53(1) : 36-64
- Lambers, H., Chapin, F.S., and Pons, T.L. 2008. *Plant Physiological Ecology 2nd ed.* New York : Springer Science + Business Media, LLC. pp. 131, 447-448
- Lopez, C., Ferriol, M., and Pico, M.B. 2015. Mechanical Transmission of *Tomato leaf curl New Delhi virus* to Cucurbit Germplasm : Selection of Tolerance Sources in *Cucumis melo*. *Euphytica*, 204(3): 679 – 691
- Luongo, L., Vitale, S., Haegi, A., and Belisario, A. 2012. Development of SCAR Markers and PCR Assay for *Fusarium oxysporum* f. sp. *Melonis* Race 2-Specific Detection. *Journal of Plant Pathology*, 94 (1) : 193
- Margianasari, A.F. 2012. *Bertanam Melon Eksklusif dalam Pot*. Jakarta Timur : Penebar Swadaya. hal. 6
- Armarego-Marriot, T., Sandoval-Ibanez, O., and Kowalewska, K. 2019. Beyond the Darkness : Recent Lessons from Etiolation and de-Etiolation Studies. *Journal of Experimental Botany*, 71(4) : 1215-1225
- Mascarin, G.M., Kobori, N.N., Quintela, E.D., and I.D. Delalibera Jr. 2013. The Virulence of Entomopathogenic Fungi Against *Bemisia tabaci* Biotype B (Hemiptera: Aleyrodidae) and Their Conidial Production Using Solid Substrate Fermentation. *Biological Control*, 66(3) : 209 – 218
- Mohamed, M.A. 2012. Impact of Planting Dates, Spaces and Varieties on Infestation of Cucumber Plants with Whitefly, *Bemisia tabaci* (Genn.). *The Journal of Basic & Applied Zoology*, 65(1) : 17 – 20

- Mustafa, H., Rachmawati, I., dan Udin, Y. 2016. Pengukuran Konsentrasi dan Kemurnian DNA Genom Nyamuk *Anopheles barbirostris*. *Jurnal Vektor Penyakit*, 10 (1) : 7 – 10
- Redaksi Trubus. 2011. *The Best Melon*. Jakarta : PT Trubus Swadaya. hal. 11
- Reveill, P.A., Ha, C.V., Porchun, S.C., Vu, M.T., and Dale, J.L. 2003. The Complete Nucleotide Sequence of Two Distinct Geminiviruses Infecting Cucurbits in Vietnam. *Archives of Virology*, 148 : 1523-1541
- Saleem, M.H., Potgieter, J., and Arif, K.M. 2019. Plant Disease Detection and Classification by Deep Learning. *Plants (Basel)*, 8 (11) : 468 - 490
- Samadi, B. 2007. *Melon : Usaha Tani dan Penanganan Pascapanen*. Yogyakarta : Kanisius. hal. 14-17
- Sambrook, J., and Russell, D.W. 2001. *Molecular Cloning a Laboratory Manual 3rd ed*. New York : Cold Spring Harbor Laboratory Press.
- Sattar, M.N. 2012. *Diversity and Interactions of Begomoviruses and Their Associated DNA-Satellites*. Uppsala : SLU Service/Repro. Pp. 16
- Sidiq, Y., Subiastuti, A.S., Wibowo, W.A., and Daryono, B.S. 2020. Development of SCAR Marker Linked to *Begomovirus* Resistance in Melon (*Cucumis melo* L.). *Jordan Journal of Biological Sciences*, 13 (2) : 145 – 151
- Singh, V., and Misra, A.K. 2017. Detection of Plant Leaf Diseases Using Image Segmentation and Soft Computing Techniques. *Information Processing in Agriculture*, 4 (1) : 41 - 49
- Sobir, dan Siregar, F. 2010. *Budi Daya Melon Unggul*. Jakarta : Penebar Swadaya. hal. 16
- Subiastuti, A.S. 2015. Deteksi Gen Ketahanan Terhadap Begomovirus dan Analisis Kandungan Nutrisi pada Melon (*Cucumis melo* L cv. Hikapel)[Skripsi]. Yogyakarta ID : Universitas Gadjah Mada. hal 21
- Subiastuti, A.S., Fatmawati, U.E., and Daryono, B.S. 2017. Detection Against *Begomovirus* Using a SCAR Marker in Melon (*Cucumis melo* L.cv. Hikapel). *Proceeding of the 1st International Conference on Tropical Agriculture* : 13-21
- Sudjianto, U., dan Krestiani, V. 2009. Studi Pemulsaan dan Dosis NPK pada Hasil Buah Melon (*Cucumis melo* L.). *Jurnal Sains dan Teknologi*, 2 (2) : 1-7
- Sufrin-Ringwald, T. and Lapidot, M. 2011. Characterization of a Synergistic Interaction Between Two Cucurbit-Infecting *Begomoviruses*: *Squash leaf curl virus* and *Watermelon chlorotic stunt virus*. *APS Journal*, 101(2) : 281 - 289
- Tjahjadi, N. 1989. *Bertanam Melon*. Yogyakarta : Kanisius. pp. 9, 13, 15
- Wang, R., Wang, J., Che, W., and Lhuo, C. 2018. First Report of Field Resistance to Cyantraniliprole, a New Anthranilic Diamide Insectide, on *Bemisia tabaci* MED in China. *Journal of Integrative Agriculture*, 17(1) : 158 – 16
- Wibowo, W.A. 2016. Respon dan Deteksi Gen Ketahanan Terhadap Begomovirus pada Melon (*Cucumis melo* L.) 'Tacapa Green Black' dan 'Tacapa Silver'[Skripsi]. Yogyakarta ID : Universitas Gadjah Mada. Hal. 38
- Wilisiani, F., Somowiyarjo, S., dan Hartono, S. 2014. Identifikasi Molekuler Virus Penyebab Penyakit Daun Keriting Isolat Bantul pada Melon. *Jurnal Perlindungan Tanaman Indonesia*, 18(1) : 47 – 54



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- Yuwono, T., Widodo, S., Darwanto, D.H., Masyhuri., Indradewa, D., Somowiyarjo, S., dan Hariadi, S.S. 2019. *Pembangunan PERTANIAN : Membangun Kedaulatan Pangan*. Yogyakarta : Gadjah Mada University Press. Hal. 290
- Zulfahmi. 2013. Penanda DNA untuk Analisis Genetik Tanaman. *Jurnal Agroteknologi*, 3(2) : 41 - 54