

DAFTAR PUSTAKA

- Anonim. 2012. Bercak Kering. <<http://ditlin.hortikultura.pertanian.go.id/>> . Diakses pada 4 November 2018.
- Anonim. 2018a. Data lima tahun terakhir. <<https://www.pertanian.go.id/>> Diakses 8 Oktober 2019.
- Anonim. 2018b. Statistik Tanaman Sayuran dan Buah-buahan Semusim. <www.bps.go.id>. Diakses 8 Oktober 2019.
- Anonim. 2019a. *Solanum lycopersicum* (Tomato). <<https://www.cabi.org/isc/datasheet/31837>>. Diakses 29 Maret 2019.
- Anonim. 2019b. Taxonomy. <<https://www.ncbi.nlm.nih.gov/taxonomy/?term=alternaria+solani&report=info>>. Diakses 6 April 2019.
- Al-Askar, A. A., K. M. Ghoneem, Y. M. Rashad, W. M. Abdulkhair, E. E. Hafez, Y. M. Shabana and Z. A. Baka. 2014. Occurrence and distribution of tomato seed-borne mycoflora in Saudi Arabia and its correlation with the climatic variables. *Microbial biotechnology* 7(6): 556-569.
- Atawodi, SE., J.C. Atawodi, dan A.A. Dzikiwi. 2010. Polymerase chain reaction: theory, practice and application: a review. *Sahel Medical Journal*, 13(2): 54 – 63.
- Canene-Adams, K., S. K. Clinton, J. L. King, B. L. Lindshield, C. Wharton, E. Jeffery, and J. W. Jr. Erdman. 2004. The growth of the Dunning R-3327-H transplantable prostate adenocarcinoma in rats fed diets containing tomato, broccoli, lycopene, or receiving finasteride treatment. *Journal FASEB* 18: 886.
- Cebenko, J. J and D. L. Martin. 2001. *Insect, Disease and Weed*. USA: Rodale Inc.
- Chaerani, R. and R. E. Voorrips. 2006. Tomato early blight (*Alternaria solani*): the pathogen, genetics, and breeding for resistance. *Journal of General Plant Pathology* 72(6): 335-347.
- Chaerani, R., R. Groenwold, P. Stam, and R. E. Voorrips. 2006. Assessment of early blight (*Alternaria solani*) resistance in tomato using a droplet inoculation method. *Journal of General Plant Pathology* 73(2): 96-103.
- Cox, R. J. and T. J. Simpson. 2010. *Fungal Type I Polyketides*. UK: Elsevier Ltd.
- Delaphane, K. S. and D. F Mayer. 2000. *Crop Pollination by Bees*. New York: CABI Publishing.
- Douglas, D. R. and J. J. Pavek. 1971. Efficient method of inducing sporulation of *Alternaria solani* in pure culture. *Phytopathology* 61(2): 239.
- Fritz, M., I. Jakobsen, M. F. Lyngkjær, H. Thordal-Christensen, and J. Pons-Kühnemann. 2006. Arbuscular mycorrhiza reduces susceptibility of tomato to *Alternaria solani*. *Mycorrhiza* 16(6): 413.

- Grigolli, J. F. J., M. M. Kubota, D. P. Alves, G. B. Rodrigues, C. R. Cardoso, D. J. H. D. Silva and E. S. G. Mizubuti. 2011. Characterization of tomato accessions for resistance to early blight. *Crop Breeding and Applied Biotechnology* 11(2): 174-180.
- Haryadi, S. 1990. Dasar-dasar Hortikultura. Departemen Agronomi Fakultas Pertanian. Institut Pertanian Bogor, Bogor.
- Humpherson-Jones, F. M. and K. Phelps. 1989. Climatic factors influencing spore production in *Alternaria brassicae* and *Alternaria brassicicola*. *Annals of Applied Biology* 114(3): 449-458.
- Kalay, A. M., J. Patty, and M. Sinay. 2015. Perkembangan *Alternaria solani* pada Tiga Varietas Tanaman Tomat. *Agrikultura* 26(1): 1-6.
- Kemmitt, G. 2002. Early blight of potato and tomato. The Plant Health Instructor. <<https://www.apsnet.org/edcenter/intropp/lessons/fungi/ascomycetes/Pages/PotatoTomato.aspx>>. Diakses 4 November 2018.
- Koley, S. and S. S. Mahapatra. 2015. Evaluation of culture media for growth characteristics of *Alternaria solani*, causing early blight of tomato. *Jurnal Plant Pathology Microbiol.* S1: 1-5.
- Kumar, S., R. Singh, P. L. Kashyap and A. K. Srivastava. 2013. Rapid detection and quantification of *Alternaria solani* in tomato. *Scientia horticulturae* 151: 184-189.
- Kumar, V., K. K. Pandey and K. K. Mishra. 2015. Study of variability and sporulation by isolates of *Alternaria solani* of *Lycopersicon esculentum* (Mill.). *Asian Journal of Science and Technology* 6(4): 1264-1270.
- Madden, L., S. P. Pennypacker, and A. A. MacNab. 1978. FAST, a forecast system for *Alternaria solani* on tomato. *Phytopathology* 68(9): 1354-1358.
- Maldonado-Blanco, M. G., J. L. Gallegos-Sandoval, G. Fernández-Peña, C. F. Sandoval-Coronado, and M. Elías-Santos. 2014. Effect of culture medium on the production and virulence of submerged spores of *Metarhizium anisopliae* and *Beauveria bassiana* against larvae and adults of *Aedes aegypti* (Diptera: Culicidae). *Biocontrol science and technology* 24(2): 180-189.
- Marak, T. R., B. S. Ambesh and S. Das. 2014. Cultural, morphological and biochemical variations of *Alternaria solani* causing diseases on solanaceous crops. *The Bioscan* 9(3): 1295-1300.
- Martin, K. J and P. T. Rygielwicz. 2005. Fungal-specific PCR primers developed for analysis of the ITS region of environmental DNA extracts. *BMC Microbiol.* 5: 28.
- Maskar dan S. Gafur. 2006. Budidaya Tomat. Badan Penelitian dan Pengembangan Pertanian. <<http://pfi3pdata.litbang.pertanian.go.id/dokumen/one/34/file/06budidaya-tomat.pdf>>. Diakses 4 November 2018.

- Pavón, M. Á., I. González, N. Pegels, R. Martín, and T. García. 2011. PCR detection of *Alternaria* spp. in processed foods, based on the internal transcribed spacer genetic marker. *Journal of Food Protection* 74(2): 240-247.
- Purwati, E. 2009. Daya Hasil Tomat Hibrida (F1) di Dataran Medium. *Jurnal Hort.* 19(2): 125-130.
- Rahmatzai, N., A. A. Zaitoun, M. H. Madkour, A. Ahmady, Z. Hazim, and M. A. A. Mousa. 2016. Morphological, Pathogenic, Cultural and Physiological Variability of The Isolates of *Alternaria solani* causing early blight of tomato. *International Journal of Advanced Research (IJAR)* 4(11):808-817.
- Raju, R. I. 2017. Evaluation of seed-borne fungi associated with tomato and their control measures. *Jahangirnagar University Journal of Biological Sciences* 6(2): 59-66.
- Riupassa, P. A. 2009. Perancangan primer oligonukleotida untuk polimerisasi *in vitro* gen sukrosa sintase. *Biosfera* 26(3): 131-137.
- Rotem, J. 1998. *The Genus Alternaria: Biology, Epidemiology and Pathogenicity*. Minnesota: APS Press.
- Rodrigues, T. T., L. A. Maffia, O. D. Dhingra and E. S. Mizubuti. 2010. In vitro production of conidia of *Alternaria solani*. *Tropical Plant Pathology* 35(4): 203-212.
- Semangun, H. 2000. *Penyakit-Penyakit Tanaman Hortikultura di Indonesia*. Yogyakarta: Gadjah Mada University Press.
- Semangun, H. 2007. *Penyakit-Penyakit Tanaman Hortikultura di Indonesia*. Yogyakarta: Gadjah Mada University Press.
- Soetiarso, T.A. 1997. Analisis usaha tani dan pemasaran tomat. Balai Penelitian Tanaman Sayuran. Pusat Penelitian dan Pengembangan Hortikultura. Badan Penelitian dan Pengembangan Pertanian. Bandung: 120-145.
- Surbakti, E. S. dan K. N. Berawi. 2016. Tomat (*Lycopersicum escelentum* Mill.) sebagai anti penuaan kulit. *Majority* 5(3): 73-78.
- Sutejo, A. M., A. Priyatmojo dan A. Wibowo. 2008. Identifikasi Morfologi Beberapa Spesies Jamur Fusarium. *Jurnal Perlindungan Tanaman Indonesia*, 14(1): 7-13.
- Thompson, H. C. and W. C. Kelly. 1957. *Vegetable Crops*. New York: McGraw-Hill Book Company, Inc.
- Toju, H., A. S. Tanabe, S. Yamamoto and H. Sato. 2012. High-coverage ITS primers for the DNA-based identification of ascomycetes and basidiomycetes in environmental samples. *PloSone* 7(7): 1-11.
- Vicente, M. H., A. Zsögön, A. F. L. de Sá, R. V. Ribeiro and L. E. P. Peres. 2015. Semi-determinate growth habit adjusts the vegetative-to-reproductive balance and increases productivity and water-use efficiency in tomato (*Solanum lycopersicum*). *Journal of plant physiology* 177: 11-19.

- Vloutoglou, I. and S. N. Kalogerakis. 2000. Effects of inoculum concentration, wetness duration and plant age on development of early blight (*Alternaria solani*) and on shedding of leaves in tomato plants. *Plant Pathology* 49: 339-345.
- Wahyuno, D., D. Manohara dan D. N. Susilowati. 2007. Variasi morfologi dan virulensi *Phytophthora capsici* asal lada. *Buletin Plasma Nutfah* 13(2): 70-81.
- Wasonowati, C. 2011. Meningkatkan pertumbuhan tanaman tomat (*Lycopersicon esculentum*) dengan sistem budidaya hidroponik. *Agrovigor* 4(1): 21-27.
- Way, Y., L. Sinclair, I. R. Hall and A. L. Cole. 1995. *Boletus edulis* semenlato: a new record for New Zealand. *NZJ Crop Hort Sci* 23: 227-231.
- Weber, B. N. and S. H. Jansky. 2012. Resistance to *Alternaria solani* in hybrids between a *Solanum tuberosum* haploid and *S. raphanifolium*. *Phytopathology* 102(2): 214-221.
- Weir, T. L., D. R. Huff, B. J. Christ, and C. P. Romaine. 1998. RAPD-PCR analysis of genetic variation among isolates of *Alternaria solani* and *Alternaria alternata* from potato and tomato. *Mycologia* 90(5): 813-821.
- Widhayasa, B., I. R. Sastrahidayat, dan S. Djauhari. 2014. Perkecambahan jamur *Alternaria solani* dan infeksiya pada Sembilan varietas tomat. *Jurnal Hama dan Penyakit Tumbuhan* 2(3): 102.
- Yuwono, T. 2006. Teori dan aplikasi *polymerase chain reaction*. Yogyakarta: Andi Offset.
- Zheng, H. H., J. Zhao, T. Y. Wang and X. H. Wu. 2015. Characterization of *Alternaria* species associated with potato foliar diseases in China. *Plant Pathology* 64: 425-433.