

DAFTAR PUSTAKA

- Abad, G. T. Burgess, J.C. Bienapfl. A.J. Redford, M. Coffey, L. Knight. 2019. IDphy: molecular and identification of Phytophthora based on types. <https://idtools.org/id/phytophthora/morphology.php>
- Agrios, G.N. (2005). Plant Pathology. 5th Edition. Academic Press, London, New York, 922pp.
- Aini, K.H., 2012. Produksi tepung kentang. Skripsi. UPI- Jakarta
- Anonim. 2018. Agricultural research and development agency. BALITSA. <https://balitsa.litbang.pertanian.go.id/ind/index.php/varietas/cabai/36-halaman/634-kentang-varietas-granola-l>. (Accessed 20 August 2020)
- Anonim. 2011. Petunjuk teknis budidaya kentang. Balai Penelitian Tanaman Sayuran. BALITSA.
- Anonim. 2019. Harvested Area and Potato Production by Province 2015 -2019. <https://www.pertanian.go.id/home/?show=page&act=view&id=61>. (Accessed 5 August 2020)
- Asgar, A. (2013). Tuber Quality of some Potato (*Solanum tuberosum* L.) Clones of Medium Altitude Area for Chips Making. *Berita Biologi*, 12(1), 29–37. <https://media.neliti.com/media/publications/68997-ID-none.pdf>.
- Bala, K., Robideau, G. P., Lévesque, C. A., de Cock, A.W. A.M., Abad, Z. G., Lodhi, A.M., et al. 2010. *Phytophthora* Abad, de cock, Bala, Robideau & Lévesque, gen. Nov. and *Phytophthora* sindhum Lodhi, Shahzad & Lévesque, sp. nov. *Persoonia*, 24, 136–137.
- Bakkeren, G., Kronstad, J. W. & Le'vesque, C. A. (2000) Comparison of AFLP fingerprints and ITS sequences as phylogenetic markers in Ustilaginomycetes. *Mycologia* 92: 510–521. <https://doi.org/10.2307/3761510>
- Basu, S., et al. Evolution of bacterial and fungal growth media. *Bioinformation*. 2015. 11(4): 182-184.
- Baten, M. A., Asano, T., Motohashi, K., Ishiguro, Y., Rahman, M. Z., Inaba, S., et al. 2014. Phylogenetic relationships among *Phytophthora* species, and re-evaluation of *Phytophthora fagopyri* comb. nov., recovered from damped-off buckwheat seedlings in Japan. *Mycological Progress*, 13, 1145–1156.
- Baten, M. A., Li, M., Motohashi, K., Ishiguro, Y., Rahman, M. Z., Suga, H., et al. 2015. Two new species, *Phytophthora iriomotense* sp. nov. and *P. aichienense* sp. nov., isolated from river water and water purification sludge in Japan. *Mycological Progress*, 14, 1–12. <http://dx.doi.org/10.1007/s11557-015-1027-1>
- Beakes, G. W., Honda, D., & Thines, M. 2014. Systematics of the Straminipila Labyrinthulomycota, Hyphochytriomycota, and Oomycota. In K. Esser (Ed.), *The Mycota* (pp. 39–97). Berlin: Springer.
- Boddy, L. (2016). Pathogens of Autotrophs. In *The Fungi: Third Edition* (Third Edit). Elsevier Ltd. <https://doi.org/10.1016/B978-0-12-382034-1.00008-6>
- Chellemi, D. O., Mitchell, D. J., Kannwischer-Mitchell, M. E., Rayside, P. A., & Roskopf, E. N. 2000. *Pythium* spp. associated with bell pepper production in Florida. *Plant Disease*, 84, 1271–1274.

- Crous PW, Verkley GJM, Groenewald JZ, et al. 2009. Fungal Biodiversity. CBS Laboratory Manual Series 1. CBS-KNAW Fungal Biodiversity Centre, The Netherlands.
- Dick MW. 2001. Straminopilous fungi. Netherlands: Kluwer Academic Press.
- de Cock, A. W. A. M., Lodhi, A. M., Rintoul, T. L., Bala, K., Robideau, G. P., Gloria Abad, Z., Coffey, M. D., Shahzad, S., & Lévesque, C. A. 2015. Phytophthium: Molecular phylogeny and systematics. *Persoonia: Molecular Phylogeny and Evolution of Fungi*, 34, 25–39. <https://doi.org/10.3767/003158515X685382>
- Doyle, J.J., Doyle, J.L., 1990. Isolation of plant DNA from fresh tissue. *Focus* 12, 13–15.
- Fawke, S., Doumane, M., & Schornack, S. (2015). Oomycete Interactions with Plants: Infection Strategies and Resistance Principles. *Microbiology and Molecular Biology Reviews*, 79(3), 263–280. <https://doi.org/10.1128/mmbr.00010-15>
- Haas, B. J., Kamoun, S., Zody, M. C., Jiang, R. H. Y., Handsaker, R. E., Cano, L. M., Grabherr, M., Kodira, C. D., Raffaele, S., Torto-Alalibo, T., Bozkurt, T. O., Ah-Fong, A. M. V., Alvarado, L., Anderson, V. L., Armstrong, M. R., Avrova, A., Baxter, L., Beynon, J., Boevink, P. C., ... Nusbaum, C. (2009). Genome sequence and analysis of the Irish potato famine pathogen *Phytophthora infestans*. *Nature*, 461(7262), 393–398. <https://doi.org/10.1038/nature08358>
- Hardham AR. 2001. The cell biology behind *Phytophthora* pathogenicity. *Australasian Plant Pathology*. 30:91–8.
- H Ho, H. 2018. The Taxonomy and Biology of *Phytophthora* and *Pythium*. *Journal of Bacteriology & Mycology: Open Access*, 6(1), 40–45. <https://doi.org/10.15406/jbmoa.2018.06.00174>
- Judelson, H. S., & Blanco, F. A. (2005). The spores of *Phytophthora*: Weapons of the plant destroyer. *Nature Reviews Microbiology*, 3(1), 47–58. <https://doi.org/10.1038/nrmicro1064>
- Kamoun, S. (2009). Plant Pathogens: Oomycetes (water mold). *Encyclopedia of Microbiology*, 689–695. <https://doi.org/10.1016/B978-012373944-5.00349-7>
- Latijnhouwers, M., De Wit, P. J. G. M., & Govers, F. (2003). Oomycetes and fungi: Similar weaponry to attack plants. *Trends in Microbiology*, 11(10), 462–469. <https://doi.org/10.1016/j.tim.2003.08.002>
- Lévesque, C. A., Brouwer, H., Cano, L., Hamilton, J. P., Holt, C., Huitema, E., Raffaele, S., Robideau, G. P., Thines, M., Win, J., Zerillo, M. M., Beakes, G. W., Boore, J. L., Busam, D., Dumas, B., Ferreira, S., Fuerstenberg, S. I., Gachon, C. M. M., Gaulin, E., ... Buell, C. R. (2010). Genome sequence of the necrotrophic plant pathogen *Pythium ultimum* reveals original pathogenicity mechanisms and effector repertoire. *Genome Biology*, 11(7). <https://doi.org/10.1186/gb-2010-11-7-r73>
- Martin FN, Tooley PW (2003) Phylogenetic relationships among *Phytophthora* species inferred from sequence analysis of mitochondrially encoded cytochrome oxidase I and II genes. *Mycologia*, 95, 269–284. <https://doi.org/10.1080/15572536.2004.11833112>

- Matthiesen, R. L., Ahmad, A. A., Robertson, A. E., & Pathology, P. (2016). *Temperature Affects Aggressiveness and Fungicide Sensitivity of Four Pythium spp. that Cause Soybean and Corn Damping Off in Iowa*. *March*, 583–591. <https://doi.org/https://doi.org/10.1094/PDIS-04-15-0487-RE>
- Mohamed Azni, I. N. A., Sundram, S., & Ramachandran, V. (2019). Pathogenicity of Malaysian Phytophthora palmivora on cocoa, durian, rubber and oil palm determines the threat of bud rot disease. *Forest Pathology*, 49(6), 1–11. <https://doi.org/10.1111/efp.12557>
- Nam, B., & Choi, Y. J. (2019). Phytopythium and Pythium Species (Oomycota) Isolated from Freshwater Environments of Korea. *Mycobiology*, 47(3), 261–272. <https://doi.org/10.1080/12298093.2019.1625174>
- Nathasia, A.A.V., Abadi, A.L., dan T. Wardiyati. 2014. Resistance test of 7 potato clones against late blight (Phytophthora infestans (Mont.) de Barry). *Plant Production Journal*. 1 (6) : 540-548
- Nuraini A. · Y. Rochayat · D.Widayat. (2016). Rekayasa source – sink dengan pemberian zat pengatur tumbuh untuk meningkatkan produksi benih kentang di dataran medium desa Margawati kabupaten Garut Source - sink engineering by the substance of growth regulator application to increase of seed potatoes. *Jurnal Kultivasi*, 15(1), 14–19
- Ochoa Fuentes, Y.M., E. Cerna, G. Gallegos, G. Landeros, J.C. Delgado, J.C. Hernández, S. Rodríguez & R. Olalde (2012). Identificación de especies de Fusarium en semilla de ajo en Aguascalientes, México. *Revista Mexicana de Micología* 36: 27-32. <http://www.scielo.org.mx/pdf/rmm/v36/v36a5.pdf>
- Plaats–Niterink AJ Van der. 1981. Monograph of the genus Pythium. *Stud Mycol*. 1:1–242. Pringsheim N. 1858. Beitrage zur morphologie und systematic algae. *Die Saprolegnieen*. *Jb Wiss Bot*. 1:284–306.
- Prahardini, P.E.R. dan G. Pratomo. 2011. Uji Adaptasi Varietas dan Klon Kentang Olahar Pada Musim Kemarau di Dataran Tinggi Beriklim Kering. *Balai Pengkajian Teknologi Pertanian Jawa Timur*.
- Radmer, L., Anderson, G., Malvick, D. M., Kurle, J. E., Rendahl, A., & Mallik, A. (2017). Pythium, Phytophthora, and Phytopythium spp. associated with soybean in Minnesota, their relative aggressiveness on soybean and corn, and their sensitivity to seed treatment fungicides. *Plant Disease*, 101(1), 62–72. <https://doi.org/10.1094/PDIS-02-16-0196-RE>
- Rubatzky, V.E., Yamaguchi, M. 1998. Sayuran Dunia 1 : Prinsip, Produksi dan Gizi. Herison, C., penerjemah. Bandung (ID): Institut Teknologi Bandung. Terjemah dari: *World Vegetable 1 : Principal, Production and Nutrition*.
- Rukmana, R. 1997. Kentang budidaya dan pasca panen. Kanisius, Yogyakarta.
- Santika, I. A. 2020. Resistance of Phytopythium vexans potato isolate from Magelang to several fungicides by In Vitro. *Gajah Mada University*. Yogyakarta.
- Santoso, P. J., Aryantha, I. N. P., Pancoro, A., & Suhandono, S. (2015). Identification of Pythium and Phytophthora associated with Durian (Durio sp.) in Indonesia: Their molecular and morphological characteristics and distribution. In *Asian Journal of Plant Pathology* (Vol. 9, Issue 2, pp. 59–71).

<https://doi.org/10.3923/ajppaj.2015.59.71>

Schurko AM, Mendoza L, Le'vesque CA et al. (2003) A molecular phylogeny of *Pythium insidiosum*. *Mycological Research*, 107, 537–544.
<https://doi.org/10.1017/S0953756203007718>

Stamps DJ, Waterhouse GM, Newhook FJ, et al. Revised key to the species of *Phytophthora*. *Mycol Pap*. 1990;162:1–28.

Tamura K, Peterson D, Peterson N, Stecher G, Nei M, and Kumar S. MEGA5: Molecular Evolutionary Genetics Analysis (MEGA) software version 4.0. *Mol Biol Evol*. 2011;28:2731-9.

Thao, L. D., Hien, L. T., Liem, N. V., Thanh, H. M., Khanh, T. N., Binh, V. T. P., Trang, T. T. T., Anh, P. T., & Tu, T. T. (2020). First report of *Phytophthora vexans* causing root rot disease on durian in Vietnam . *New Disease Reports*, 41, 2.
<https://doi.org/10.5197/j.2044-0588.2020.041.002>

Tucker CM. Taxonomy of the genus *Phytophthora* de Bary. *Mo Agric Exp Sta Res Bull*. 1931;184:1–80.

Van West, P., Appiah, A. A., & Gow, N. A. R. 2003. Advances in research on oomycete root pathogens. *Physiological and Molecular Plant Pathology*, 62(2), 99–113.
[https://doi.org/10.1016/S0885-5765\(03\)00044-4](https://doi.org/10.1016/S0885-5765(03)00044-4)

Waluyo, L. 2016. *Mikrobiologi Umum*. UMM Press. Malang.

Waterhouse GA. 1963. Key to the species *Phytophthora* de Bary. *Mycological Papers* 92, 92. Kew, UK: Commonwealth Mycological Institute; . p. 22.

Zedadra, O., Guerrieri, A., Jouandeau, N., Seridi, H., Fortino, G., Spezzano, G., Pradhan-Salike, I., Raj Pokharel, J., The Commissioner of Law, Freni, G., La Loggia, G., Notaro, V., McGuire, T. J., Sjoquist, D. L., Longley, P., Batty, M., Chin, N., McNulty, J., TVERSK, K. A. A., Thesis, A. (2019). First report of *Phytophthora vexans* causing the “Avocado sadness” in Michoacan, Mexico. *Sustainability (Switzerland)*, 11(1), 1–14.

http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbe.co.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI

Zerillo, M. M., Adhikari, B. N., Hamilton, J. P., Buell, C. R., Lévesque, C. A., & Tisserat, N. (2013). Carbohydrate-Active Enzymes in *Pythium* and Their Role in Plant Cell Wall and Storage Polysaccharide Degradation. *PLoS ONE*, 8(9).
<https://doi.org/10.1371/journal.pone.0072572>