

DAFTAR PUSTAKA

- Abad-Campos, P., A. Perez-Sierra, L. A. Alvarez, J. Armengol, R. López-Pineda, A. Sánchez-Pérez, E. Rodriguez-Quezada & G. Alvarez-Valenzuela. 2008. *A survey of phytophthora and pythium associated to export crops in guatemala*. <http://www.phytophthoradb.org/pdf/015Abad.pdf>, modified 24/6/14. 31p.
- Adeniyi, D. O., Orisajo, S. B., Fademi, O. A., Adenuga, O. O. & Dongo, L. N. 2011. Physiological Studies Of Fungi Complexes Associated With Cashew Diseases. *ARPN Journal of Agricultural and Biological Science* 6 (4): 34-38.
- Agrios, G.N. 2005. *Plant Pathology* 5th ed. Acad. Press, San Diego, California. 922 p.
- Alexopoulos, C. J., C. W. Mims & M. Blackwell. 1996. *Introductory Mycology* 4th ed. John Willey & Sons, Inc, USA. 869p.
- Anand, T., A. Chandrasekaran, S. Kuttalam, G. Senthilraja & R. Samiyappan. 2010. Integrated Control of Fruit Rot and Powdery Mildew of Chilli Using the Biocontrol Agent *Pseudomonas fluorescens* and A Chemical Fungicide. *Biological Control* 52: 1-7.
- Anderson, Jay. 2012. *Improving Management Techniques for Phytophthora Root and Heart Root*. http://cms2live.horticulture.com.au/admin/assets/library/annual_reports/pdfs/PDF_File_194.pdf, modified 31/8/14.
- Anith, K. N., N. V. Radhakrishnan & T. P. Manomohandas. 2003. Screening of Antagonistic Bacteria for Biological Control of Nursery Wilt of Black Pepper (*Piper nigrum*). *Microbiological Research* 158: 91–97.
- Anonim. 2003. The Biology & Ecology of Pineapple (*Ananas comosus* var. *comosus*) in Australia, p. 1-25. In Office of the Gene Technology Regulator, Australia.
- , 2004. *EPPO Standard Diagnostic Protocols for regulated Pest*. http://archives.eppo.int/EPPOStandards/PM7_DIAGNOS/pm7-26%281%29.pdf, modified 24/06/14. 14 p.
- , 2005. *National Nutrient Database for Standard Reference*. <http://www.nal.usda.gov/fnic/foodcomp/search/>, modified 1/10/14.
- , 2008. The Biology of *Ananas comosus* var. *comosus* (Pineapple), p. 1-43. In Department of Health and Ageing Office of the Gene Technology Regulator, Australia.
- , 2008a. *Ananas comosus*, pineapple. <http://www.geochembio.com/biology/organisms/ananas/>, modified 21/1/15.
- , 2009. *Fresh Fruit and Vegetables The Eu Market For Pineapple*. http://www.cbi.eu/system/files/marketintel/2009_-_Pineapple1.pdf, modified 31/8/14.



- , 2010. *Trade Statistics for International Business Development Available*.
<http://www.trademap.org>, modified 2/11/14.
- , 2014. *Phytophthora cinnamomi*.
<http://www.cabi.org.ezproxy.ugm.ac.id/cpc/datasheet/40957>, modified
9/4/14.
- , 2014a. *CBI Product Factsheet Canned Fruit and Vegetables in the European
Union*.
[http://www.cbi.eu/system/files/marketintel_documents/update_2014_2013_pfs
_canned_fruit_and_vegetables_in_the_eu.pdf](http://www.cbi.eu/system/files/marketintel_documents/update_2014_2013_pfs_canned_fruit_and_vegetables_in_the_eu.pdf), modified 1/11/14.
- Arwiyanto, T. 1997. Pengendalian hayati penyakit layu bakteri tembakau: 1. Isolasi
bakteri antagonis. *Jurnal Perlindungan Tanaman Indonesia* 3: 44-60.
- Asrul. 2003. *Pengaruh Perlakuan Benih Tomat dengan Pseudomonas putida Pf-20
terhadap Penyakit Layu Bakteri (Ralstonia solanacearum)*. Tesis Fakultas
Pertanian UGM (tidak diterbitkan).
- Bhat, R. G. & G. T. Browne. 2010. Specific Detection of *Phytophthora Cactorum* in
Diseased Strawberry Plants Using Nested Polymerase Chain Reaction. *Plant
Pathology* 59: 121–129.
- Barr, D. J. S. 1981. The Phylogenetic and Taxonomic Implications of Flagellar
Rootlet Morphology Among Zoosporic Fungi. *BioSystems* 14: 359-370.
- Bartholomew, D. P., R. E. Paull & K. G. Rohrbach. 2003. *The Pineapple: Botany,
Production And Uses*. CABI Publishing, Wallingford, UK. 301 p.
- Bartnicki-Garcia, S. 1969. Cell Wall Differentiation in the Phycomycetes.
Phytopathology 59: 1065-1071.
- Bartnicki-Garcia, S. & M. C. Wang. 1983. Biochemical Aspects of Morphogenesis in
Phytophthora, p. 121-137. In D. C. Erwin, S. Bartnicki-Garcia & P. H. Tsao
(eds.), *Phytophthora: Its Biology, Taxonomy, Ecology and Pathology*. The
American Phytopathological Society, Minnesota.
- Braud, Armelle, Karine Jézéquel & Thierry Lebeau. 2007. Impact of Substrate and
Cell Immobilization on Siderophore Activity by Pseudomonads in a Fe and/or
Cr, Hg, Pb Containing-Medium. *Journal of Hazardous Materials* 144: 229 –
239.
- Braun-Kiewnick, A. & D. C. Sands. 2001. Pseudomonas, p. 84-120. In N. W. Schaad,
J. B. Jones, & W. Chun (eds.), *Plant Pathogenic Bacteria*. The American
Phytopathological Society, Minnesota.
- Charest, Marie-Hélène, Chantal J. Beauchamp & Hani Antoun. 2005. Effects of
Humic Substances of De-Inking Paper Sludge on the Antagonism Between
Two Compost Bacteria and *Pythium Ultimum*. *FEMS Microbiology Ecology*
52: 219-227.
- Chaudry, G. Rasul & L. Cortez 1988. Degradation of Bromacil by a *Pseudomonas* sp.
Applied and Environmental Toxicology 54(9):2203-2207.

- Constabel, C. P.. 1999. A Survey of Herbivore-Inducible Defensive Proteins and Phytochemicals, p. 137-166. In Agrawal, A. A., S., Tuzun, & E. Bent (eds.), *Induced Plant Defences Against Pathogens and Herbivores*. The American Phytopathological Society, Minnesota
- Coppens d'Eeckenbrugge, G & Leal, F. 2003. Morphology, Anatomy and Taxonomy, p. 13-32. In DP Bartholomew, RE Paull, & KG Rohrbach (eds.), *The Pineapple: Botany, Production and Uses*, CABI Publishing, Oxon, UK.
- Coppens d'Eeckenbrugge, G., Garth M. Sanewski, Mike K. Smith, Marie-France Duval, & Freddy Leal. 2011. Ananas, p. 256. In C. Kole (eds.), *Wild Crop Relatives: Genomic and Breeding Resources Tropical and Subtropical Fruits*, Springer.
- Crane, Jonathan H.. 2013. *Pineapple Growing in the Florida Home and Landscape*. <http://edis.ifas.ufl.edu/pdf/FILES/MG/MG05500.pdf> 31/8/14.
- De Boer, Dolf, Elizabeth Minchinton & Joanna Petkowski. 2009. *Pythium Root Rots Of Apiaceae And Other Vegetables*. http://ausvegvic.com.au/pdf/r&d_Pythium_Field_Day.pdf, modified 9/12/15. 12p.
- Desjardins P. R., G. A., Zentmyer & D. A. Reynolds. 1969. Electron Microscopic Observations of the Flagellar Hairs of *Phytophthora palmivora* Zoospores. *Can. J. Bot.* 47: 1077-1079.
- Dhanya, M.K. & V.P. Potty. 2007. Siderophore production by *Pseudomonas fluorescens* isolated from rhizosphere of *Solestemon rotundifolius*, *Journal of Root Crop* 33 (2): 138-140.
- Drenth, André & Barbara Sendall. 2001. *Practical guide to detection and identification of Phytophthora*, CRC for Tropical Plant Protection, Brisbane. 42 p.
- Dubeikovskiy, A., N., E. A. Mordukhova, V. V. Kochetov, F. Y. Polikarpova & A. M. Boronin. 1993. Growth promotion of black currant soft wood cuttings by recombinant strain *Pseudomonas fluorescens* BSP53a synthesizing an increased amount of indole-3-acetic acid. *Soil Biology and Biochemistry* 25: 1277-1281.
- Elliot, C., G. 1983. Physiology of Sexual Reproduction in *Phytophthora*, p. 71-80. In D. C. Erwin, S. Bartnicki-Garcia & P. H. Tsao (eds.), *Phytophthora: Its Biology, Taxonomy, Ecology and Pathology*. The American Phytopathological Society, Minnesota.
- Erwin, Donald C. & Olaf K. Ribeiro. 1996. *Phytophthora cinnamomi* Rands (1922) var. *cinnamomi*, p. 269-280. In Donald C. Erwin & Olaf K. Ribeiro (eds.), *Phytophthora Diseases Worldwide*. The American Phytopathological Society, Minnesota.
- Gamliel, A. & J. Katan. 1993. Suppression of Major and Minor Pathogens by Fluorescent *Pseudomonads* in Solarized and Nonsolarized Soil. *Phytopathology* 83:68-75.

Ganai, Masood Majaz & Shahnawaz Shah. 2008. *Pythium: Important features and life cycle*. <http://emmrckashmir.com/pythium-important-features-and-life-cycle>, modified 9/12/15.

Goodman, R. N., Z. Kiraly, & K. R. Wood. 1986. *The Biochemistry and Physiology of Plant Disease*, D. van Nostrand, London. 354 p.

Hammerschmidt, R., E. M. Nukles & J. Kuć. 1982. Association and Enhanced Peroxidase Activity with Induced Systemic Resistance of cucumber to *Colletotrichum lagenarium*. *Physiological Plant Pathology* 20: 73-82.

Hemmes, D. E. 1983. Cytology of *Phytophthora*, p. 9-40. In D. C. Erwin, S. Bartnicki-Garcia & P. H. Tsao (eds.), *Phytophthora: Its Biology, Taxonomy, Ecology and Pathology*. The American Phytopathological Society, Minnesota.

Hendrix, J. W. 1970. Sterols in Growth and Reproduction of Fungi. *Annual Review Phytopathology* 8 : 111-130.

Hiremath, Shiv, Kirsten Lehtoma & Jenise M. Bauman. 2013. Survey For The Presence Of *Phytophthora Cinnamomi* On Reclaimed Mined Lands In Ohio Chosen For Restoration Of The American Chestnut. *Journal American Society of Mining and Reclamation* 2 (1) : 68-79.

Ho, Hon-Hing. 1992. Keys to the Species of *Phytophthora* in Taiwan. *Plant Pathology Bulletin* 1 : 104-109.

Hoitink, Harry A. J. & Steven T. Nameth. 2009. *Control of Phytophthora and Other Major Diseases of Ericaceous Plants*. <http://ohioline.osu.edu/hyg-fact/3000/3073.html>, modified 9/12/15.

Iavicoli, A., E. Boutet, A. Buchala, & J. P. Métraux. 2003. Induced Systemic Resistance in *Arabidopsis thaliana* in Response to Root Inoculation With *Pseudomonas fluorescens* CHA0. *Molecular Plant-Microbe Interactions* 16 : 851-858.

Janick, J., & J. N. Moore. 1996. Fruit breeding, p. 616. In *Tree and Tropical Fruits*, John Wiley & Sons, New York.

Joy P. P. & Sindhu G. 2012. *Diseases of Pineapple (Ananas Comosus) Pathogen, Symptoms, Infection, Spread & Management*. <http://www.kau.edu/prsvkm/Docs/DiseasesofPineapple.pdf>, modified 31/08/14. 14 p.

Keel, Christoph, Ursula Schnider, Monika Maurhofer, Christophè Voisard, Jacques Laville, Ulrich Burger, Philippe Wirthner, Dieter Haas, & Geneviève Défago. 1992. Suppression of Root Diseases by *Pseudomonas fluorescens* CHA0: Importance of the Bacterial Secondary Metabolite 2,4-Diacetylphloroglucinol. *Molecular Plant-Microbe Interactions* 5 (1): 4-13.

Kuć, J. 1983. Induce Systemic Resistance in Plant to Disease Caused by Fungi and Bacteria. In Bailey J. A. dan B. J. Deverall (eds.), *The Dynamic of Host Defence*. Academic Press, London.

- Andrew, Steven E., G. McGourty & R. Elkins. 1996. Interactions of Antibiotics with *Pseudomonad fluorescens* Strain A506 in the Control of Fire Blight and Frost Injury to Pear. *Phytopathology* 86: 841-848.
- Malézieux, Eric, Francois Côte, & Duane P. Bartholomew. 2003. Crop Environment, Plant Growth and Physiology, p. 69-107. In D.P. Bartholomew, R.E. Paull & K.G. Rohrbach (eds.), *The Pineapple Botany, Production and Uses*. CAB International, UK.
- Martanto, E. A. 2004. *Interaksi Inang-Patogen pada Penyakit Kudis Ubi Jalar (Elsinoe batatas)*. Disertasi Fakultas Pertanian UGM (tidak diterbitkan).
- McKellar, Mary E. & Eric B. Nelson. 2003. Compost-Induced Suppression of Pythium Damping-Off is Mediated by Fatty-Acid-Metabolizing Seed-Colonizing Microbial Communities. *Applied Environmental Microbiology* 69 (1): 452-460.
- Merenghi, Mindy. 2009. *Pseudomonas aeruginosa*. http://web.mst.edu/~microbio/BIO221_2009/P_aeruginosa.html, modified 8/12/15.1p.
- Metz, A. M., A. Haddad, J. Worapong, D. M. Long, E. J. Ford, W. M. Hess, & G. A. Strobel. 2000. Induction of the Sexual Stage of Pestalotiopsis Microspora, a Taxol-Producing Fungus. *Microbiology* 146 : 2079-2089.
- Meziane, H., I. Van der Sluis, L. C. Van Loon, M. Höfte & P. A. H. M Bakker. 2005. Determinants of *Pseudomonas Putida* WCS358 Involved in Inducing Systemic Resistance in Plants. *Molecular Plant Pathology* 6: 177-185.
- Murthy, K. Narasimha, Fazilath Uzma, Chitrashree, C. Srinivas. 2014. Induction of Systemic Resistance in Tomato Against *Ralstonia solanacearum* by *Pseudomonas fluorescens*. *American Journal of Plant Sciences* 5: 1799-1811
- Naeimi, S., L. Javadi & A. R. Javadi. 2015. First Report of Pestalotia Disseminata, the Causal Agent of Feijoa Fruit Rot in Iran. *Mycologia Iranica* 2(1): 76 – 77.
- Nugroho, N. Y. 2014. *Induksi Ketahanan Tanaman Jagung terhadap Penyakit Bulai (Peronosclerospora maydis) Menggunakan Pseudomonad fluorescens*. Skripsi Fakultas Pertanian UGM (tidak diterbitkan).
- Nurcahyanti, S. D. 2006. *Pengendalian Hayati Penyakit Layu Bakteri (Ralstonia solanacearum) pada Solanaceae dengan Strain Avirulen dan Pseudomonas Puida Strain PF 20*. Tesis Fakultas Pertanian UGM (tidak diterbitkan).
- O’Connell, R. J. & Panstruga, R. 2006. Tête à tête inside a plant cell: establishing compatibility between plants and biotrophic fungi and oomycetes. *New Phytology* 171: 699– 718.
- Okimoto, M. C. 1948. Anatomy and histology of the pineapple inflorescence and fruit. *Botanical Gazette* 110: 217-231.
- Panomkhum, Pimupsorn, Rattiyapon Rungthong, Tippaya Nittayachit, Chuleemas Boonthai Iwai, Mongkon Ta-Oun & Phruksa Lawongsa. 2014. Effects of Pesticide on Phenotypic Characteristics of Plant Growth - Promoting

- Poulin M-J, Simard J, Catford J-G, Labrie F & Pich'e Y. 1997. Response of symbiotic endomycorrhizal fungi to estrogens and antiestrogens. *Molecular Plant-Microbe Interaction* 10: 481 - 487.
- Ramamoorthy, V. & R. Samiyappan. 2001. Induction of defence-related genes in *Pseudomonas fluorescens* treated chilli plants in response to infection by *Colletotrichum capsici*. *Journal of Mycology and Plant Pathology* 31: 146-155.
- Ramamoorthy, V., T. Raguchander & R. Samiyappan. 2002. Enhancing Resistance of Tomato and Hot Pepper to *Pythium* Diseases by Seed Treatment with Fluorescent *Pseudomonad*. *European Journal of Plant Pathology* 108: 429-441.
- Ran, L. X., Z. N. Li, G. J. Wu, L. C. Van Loon, & P. A. H. M. Bakker. 2005. Induction of Systemic Resistance Against Bacterial Wilt in *Eucalyptus Urophylla* by Fluorescent *Pseudomonas* spp. *European Journal Plant Pathology* 113: 5970.
- Rands, R. D. 1922. *Phytophthora cinnamomi* var. *cinnamomi*, p. 269-280. In Donald C. Erwin & Olaf K. Ribeiro (eds.), *Phytophthora Diseases Worldwide*. The American Phytopathological Society, Minnesota.
- Ribeiro, Olaf K., D. C. Erwin, & G. A. Zentmyer. 1975. An Improved Synthetic Medium for Oospore Production and Germination of Several *Phytophthora* Species. *Mycologi* 67: 1012-1019.
- Ricci, P., F. Trintin, P. Bomet, P. Vemond, F. Mouton-Perronet, & M. Bnuneteau. 1992. Differential Production of Parasiticein, an Elicitor of Necrosis and Resistance in Tobacco, By Isolates of *Phytophthora Parasitica*. *Plant Pathology* 41: 298-307.
- Rodriguez, Y., M. Mosqueda, B. Companioni, M. Arzola, O. Borrás, M. C. Perez, J. C. Lorenzo, & R. Santos. 2002. Bioassay For In Vitro Differentiation Of Pineapple Cultivar Resistance Levels To Heart Rot Disease. *In Vitro Cell. Dev. Biol.—Plant* 38: 613-616.
- Rohrbach, Kenneth G. & Marshall W. Johnson. 2003. Pests, Diseases and Weeds, p. 203-252. In DP Bartholomew, RE Paull, & KG Rohrbach (eds.), *The Pineapple: Botany, Production and Uses*, CABI Publishing, Oxon, UK.
- Rumahlewang, W. 1998. *Pengimbasan Ketahanan Tanaman Pisang terhadap Penyakit Layu Bakteri (Ralstonia solanacearum) dengan Rizobakteri*. Tesis Fakultas Pertanian UGM (tidak diterbitkan).
- Sumardiyono, C. 2008. Ketahanan Jamur Terhadap Fungisida di Indonesia. *Jurnal Perlindungan Tanaman Indonesia* 14: 1-5.
- Sumardiyono, C. 2013. *Pengantar Toksikologi Fungisida*. Gadjah Mada University Press, Yogyakarta. 107 p.



- Terme, Elise & Gérard P. F. Michel. 2009. Transcriptome and Secretome Analyses of the Adaptive Response of *Pseudomonas Aeruginosa* to Suboptimal Growth Temperature. *International Microbiology* 12:7-12.
- Than, Win. 2005. *Biological Control of Tomato Bacterial Wilt by Treatment of Tomato Seed and Root with Suspension of Pseudomonas putida (Pf-20)*. Tesis Fakultas Pertanian UGM (tidak diterbitkan).
- Vanitha, S. & R. Ramjagathesh. 2014. Bio Control Potential of *Pseudomonad fluorensen* Against *Coleus* Root Rot Diseases. *Plant Pathology & Microbiology* 5 (1): 1-4.
- Van Peer, R., & B. Schippers. 1992. Lipopolysaccharides of Plant Growth Promoting *Pseudomonas* sp. Strain WCS417r Induce Resistance in Carnation to *Fusarium* Wilt. *Netherland Journal Plant Pathology* 98:129-139.
- Watanabe, Tsuneo. 2002. Pictorial Atlas of Soil and Seed Fungi Morphologies of Cultured Fungi and Key to Species 2nd ed. CRC Press, Florida. 486p.
- White, T. J., T. Bruns, S. Lee. & J. Taylor. 1990. Amplification and direct sekuensing of fungal ribosomal rna genes for phylogenetics, In M. A. Innis, D. H. Gelfand, J. J. Sninisky, & T. J. White (eds.), *PCR Protocols: A Guide to Methods and Amplification*. Academic Press, San Diego, USA.
- Yin, D., N. Wang, F. Xia, Q. Li & W. Wang. 2013. Impact of Biocontrol Agents *Pseudomonad fluorescens* 2P24 and CPF10 on the Bacterial Community in the Cucumber Rhizosphere. *European Journ*