

DAFTAR PUSTAKA

- Agustiansyah, Ilyas, S., Sudarsono, & Machmud, M. 2013. Karakterisasi rizobakteri yang berpotensi mengendalikan bakteri *Xanthomonas oryzae* pv. *oryzae* dan meningkatkan pertumbuhan tanaman padi. *J. HPT Tropika*. 13(1): 42-51.
- Aravind, R., Antony, D., Santosh, J, Epe., Kumar, A., Ramana, KV. 2009a. Isolation and evaluation of endophytic bacteria against plant parasitic nematodes infesting black pepper (*Piper nigrum* L.). *Ind J Nematol*. 36(2):211-217.
- Aravind, R., Kumar, A., Eapen, SJ., Ramana, KV. 2009b. Endophytic bacterial flora in root and stem tissues of black pepper (*Piper nigrum* L.) genotype: isolation, identification and evaluation against *Phytophthora capsici*. *Lett Appl Microbiol*. 48(1):58–64.doi:10.1111/j.1472-765X.2008.02486.x.
- Ashshobirin, A., Dhartono, A. P., Ramadhany, C.A., Taqwim, A. 2014. Efektivitas Antibakteri Ekstrak Kayu Siwak (*Salvadora persica*) terhadap Pertumbuhan Bakteri *Porphyromonas gingivalis*. *Berkala Ilmiah Mahasiswa Kedokteran Gigi Indonesia* (2), 12-23.
- Awais, M., Pervez, A., Yaqub, A., Syah, M.M. 2010. Production of antimicrobial metabolites by *Bacillus subtilis* immobilized in polyacrylamide gel. *Pakistan J. Zool*. 42(3):267-275.
- Backman, P.A., and Sikora, R.A. 2008. Endophytes: An Emerging Tool for Biological Control. *J. Bio Cont* 46(1): 1-3.
- Bakker, P.A.H.M., Pieterse C.M.J., Van Loon L.C. 2007. Induced Systemic Resistance by Fluorescent *Pseudomonas* spp., *Phytopathology* 97, 239-243.
- Bandara, W.M.M.S., Seneviratne, G., Kulasooriya, S.A. 2006. Interaction among endophytic bacteria and fungi: effects and potentials. *J Biosci*. 31(5):645-650.
- Bhore, S.J., Sathisha, G. 2010. Screening of endophytic colonizing bacteria for cytokinin-like compounds: crude cell-free broth of endophytic colonizing acteria is unsuitable in cucumber cotyledon bioassay. *Word J. Agric. Sci*. 6 (4): 345-352.
- Cappucino, J.G. 1983. *Microbiology: A Laboratory Manual*. Addison-Wesley, USA.
- Cappucino, J.G., and Sherman, N. 2001. *Microbiologu A Laboratory Manual*. Rockland Community College, State University of New York.
- Cruz, C.V. 2002. Breeding for rice disease. *Rice Breeding Course*. IRRI, Los Banos, Phillipines.

- Degrasi, G., Devescovi, G., Bigirimana, J., and Venturi, V. 2010. *Xanthomonas campestris* pv. *oryzae*. XKK.12 contains and AroQ chorismate mutase that is involved in rice virulence. *J. Phytopathology* 100: 262-270.
- Dewi, M.K. 2014. Aktivitas Antibakteri Ekstrak Daun Majapahit (*Crescentia crujete*) terhadap Pertumbuhan akteri *Ralstonia solanacearum* Penyebab penyakit Layu. *Jurnal Lentera Bio*. 3(1):51-57.
- Direktorat Perlindungan Tanaman Pangan. 2018. Laporan tahunan data luas serangan penyakit hawar daun bakteri tanaman padi. <http://ditjentan.deptan.go.id> [25 November 2019].
- Dwivedi, D., dan Johri, B.N. 2003. Antifungal from Fluorescent *Pseudomonas*: Biosynthesis and Regulation. *Current Science* 85(12); 1693-1703.
- El-Deeb, B., Salih, B., Youssuf, G., Hesham, E. 2012. Characterization of endophytic bacteria associated with rose plant (*Rosa damascena* trigintipeta) during flowering stage and their plant growth promoting traits. *Journal of Plant Interactions* 7: 248-253.
- [EPPO] European and Mediterranean Plant Protection Organization. 2007. *Xanthomonas oryzae*. EPPO Bulletin 37:543-553.
- Fardiaz, S. 1992. Mikrobiologi Pangan I. Jakarta: Gramedia.
- Firakova, S., Sturdikova, M., and Muckova, M. 2007. Bioactive secondary metabolites produced by microorganism associated with plants. *Biologia*. 62(3): 217-222.
- Fitri, L and Betty, M.B. 2010. Screening of Antimicrobial Producing Strains of Antimicrobial Producing Strains Isolated from the Soil of Grassland Rhizosphere in Pocut Meurah Intan Forest Park, Seulawah, Aceh besar. *Biodiver* 11 (3): 129-132.
- Fuente, D.L., Bajsa, N., Bagnasco, P., Quagliotto, L., Thomashow, L and Arias, A. 2004. Antibiotic production by biocontrol *Pseudomonas fluorescens* isolated from forage legume rhizosphere.
- Gunawan, O.S. 2005. Efektivitas Biopestisida sebagai Pengendali Biologi terhadap Penyakit Antraknosa pada Cabai Merah. *Jurnal Hortikultura*. 15(4):297-302.
- Guo, B., Wang, Y., Sun, X., and Tang, K. 2008. Bioactive natural products from endophytes: A Review. *Appl. Biochem and Microbiol*. 44 (2): 136-142.
- Halder, A.K., Bhattacharyya, P. & Chakrabarty, P.K. 1990. Solubilization of rock phosphates by *Rhizobium* and *Bradyrhizobium*. *J. Gen. Appl. Microbiol*. 36:81-92.
- Hallmann, J., Hallmann A.Q., Mahaffee, W.F., & Kloepper, J.W. 1997. Bacterial endophytes in agricultural crops. *Can. J. Microbiol*. 43: 895-9214.

- Hallmann, J. 1999. Plant Interaction with Endophytic Bacteria [abstrak]. Di dalam: BSPP Presidential Meeting: Biotic Interactions in Plant-pathogen Associations. 1999 Des 19-22; Oxford. Oxford (UK): Departemen of Agriculture and Horticulture. Session III- Interactions with Prokaryotes.
- Heydari, S., Monghadam, P.R., Arab, S.M. 2008. Hydrogen cyanide production ability by *Pseudomonas fluorescense* bacteria end their inhibition potential on weed germination. Di dalam: Prosiding-*Competition for Resources in Changing World: New Drive for Rural Development.* Hohenheim (DE). Tropentag University.
- Hifni, H.R., dan Kardin, M.K., 1998. Pengelompokan isolat *Xanthomonas oryzae* pv. *oryzae* dengan menggunakan galur isogenik padi IRRI. Hayati 5:66-72.
- Husen, E. 2003. Screening of Soil Bacteria Plant Growth Promotion Activities *In-vitro*. Indonesian Journal of Agriculture Science, 4(1):27-31.
- Husen, R., Stakaranwati, R., dan Hastuti, D. 2006. Rhizobakteri Pemacu Tumbuhan. Dalam Pupuk Organik dan Pupuk Hayati. Balai Penelitian Tanah. Hlm.191-209.
- Ismail, N., L.A. Taulu, Bahtiar. 2011. Potensi *Corynebacterium* sp. sebagai Pengendalian Penyakit Hawar Daun Bakteri pada Tanaman Padi. Di dalam: *Inovasi Teknologi Mendukung Swasembada Jagung dan Diversifikasi Pangan*. Prosiding Seminar Serelia, 2011 Okt 3-4; Maros. Maros: Balitsereal. Hal 459-465.
- Jha, G., Rajeswhari, R., and Shonti, R.V. 2007. Functional interplay between two *Xanthomonas oryzae* pv. *oryzae* secretion systems in modulating virulence on rice. Mol. Plant-Microbe Interact. 20:31-40.
- Khan, A., Williams K.L., Nevalainen H.K. 2004. Effects of *Paecilomyces lilacinus* protease and chitinase on the eggshell structures and hatching of *Meloidogyne javanicajjuveniles*. Bio Control. 31(3)346-352.
- Khan, A.A., G. Jilani, M.S. Akhtar, M.S. Naqvi, and M. Rasheed. 2009. Phosphorus Solubilizing Bacteria: Occurrence, Mechanisms and Their Role in Crop Production. J. Agric Biol Sci 1:48-58.
- Karpagam, T., and Ngalakshmi, P.K. 2014. Isolation and Characterization of Phosphate Solubilizing Microbes from Agricultural soil. Jurnal of Current Microbiology and Applied sciences, 3 (3): 601-614.
- Klement, Z., Rudolph, K., Sand, D.C. 1990. Methods in Phytobacteriology. Budapest: Academia Kiado. 148 hal.
- Kurniawati, S., Mutaqin, K. H., dan Giyanto. 2015. Eksplorasi dan uji senyawa bioaktif bakteri agensia hayati untuk pengendalian penyakit kresek pada padi. J.HPT Tropika. Vol 15, No, 2: 170-179.

- [LPHP] Laboratorium Pengamatan Hama dan Penyakit Tanaman Banyumas. 2011. Pemanfaatan *Corynebacterium* sp. untuk Pencegahan Penyakit Kresek pada Tanaman Padi. Banyumas: LPHP Banyumas.
- Laili, N., dan Agustiyani, D. 2016. Karakterisasi dan Uji Aktivitas Biokontrol Bakteri Endofit Dari Lombok Terhadap Kapang Patogen *Fusarium oxysporum* f.sp. *lycopersici*. Bid. Mikrobiologi, Pusat Penelitian Biologi.LIPI.
- Larasati, Y. 2020. Eksplorasi dan Seleksi Bakteri Endofit Sebagai Penginduksi ketahanan Tanamn Padi Terhadap Penyakit Hawar Daun Bakteri (*Xanthomonas oryzae* pv. *oryzae*). [Skripsi]. Padang. Fakultas Pertanian. Universitas Andalas.
- Lang, J.M., Hamilton, J.P., Diaz, M.G.Q., Sluys, M.A.V., Burgos, M.R.G., Cruz, C.M.V., Buell, C.B., Tiserat, N.A., and Leach, J.E. 2010. Genomics based diagnostic marker development for *Xanthomonas oryzae* pv. *oryzae* and *X. oryzae* pv *oryzicola*. Plant Dis. 94:311-319.
- Lee, K.S., Rasabandith, S., Angeles, E.R., and Khush, G.S. 2003. Inheritance of resistance to bacterial blight in 21 cultivars of rice. Phytopathology 93:147-152.
- Loan, L.C., Ngan, V.T.T., and Du, P.V. 2006. Pleriminary evaluation on resistance genes against rice bacterial leaf blight in Can Tho Province-Vietnam. Omonrice14:44-47.
- Lopez, A.M.F., J.D.C. Ramirez., J.C.M. Alvarez., M.L. Mayer., G.J.L. Sanchez., R.F. Gastelum., C.C. Martines dan I.E.M. Mendoza. 2016. Rizospheric Bacteria of Maize with Potential for Biocontrol of *Fusarium verticillioids*. Springer Plus 5(330):1-12.
- Lugtenberg, B., and Kamilova, F. 2009. Plant Growth Promoting Rhizobacteria. Annu Rev Microbiol. 63:541-556.
- Malfanova, N. 2011. Characterization of *Bacillus subtilis* HC8, a Novel Plant Beneficial Endophytic Strain from Giant Hogweed. Microb Biotechnol 4(4): 23-32.
- Malfanova, N., V. 2013. Endophytic bacteria with plant growth promoting and biocontrol abilities. Dissertation. Leiden University, Netherlands.
- Mano, H and Morisaki, H. 2008. Minireview: *Endophytic bacteria* in the rice plant. *Microbes and Environments* 23: 109-117.
- Mew, T.W. 1987. Current Status and Future Prospects of Research on Bacterial Blight of Rice. Annu Rev Phytopathol [internet]. 25:359-382.
- Miller, F.H., and Berg, G. 2009. Characterization of plant growth promoting bacteria from crops in Bolivia. Journal of Plant Diserases and Protection, 116(4): 149-155.

- Morikawa, M. 2006. Beneficial biofilm formation by industrial bacteria and related species. *J. Biosci. Bioeng.* 10 (1):1-8
- Munif, A., Hallmann, J., and Sikora R.A. 2000. Evaluation Of The Biocontrol Activity Of Endophytic Bacteria From Tomato Against *Meloidogyne incognita*. *Med Fac Landbouww Univ Gent.* 65(2b): 471-480.
- Munif, A., Harni, R. 2011. Keefektifan bakteri endofit untuk mengendalikan nematoda parasit *Meloidogyne incognita* pada tanaman lada. *B Ristri.* 2(3):377-382.
- Murali, A., and Patel, S. 2017. The effect of Different heavy Metal Acetate Solutions on Inhibition of Catalase Enzyme. *Journal of the South Carolina Academy of Science*, 15(2), p.13.
- Narayanasamy, P. 2001. Plant pathogen detection and diseases diagnosis. http://booksgoogle.co.id/book?id=qpo2vRGT2oec&dg=identification+plantpathogen&es-brr=3&source=gbsummary_sr_code. Daikses 11 Juli 2020.
- Nasahi, H.C. 2010. Peran Mikroba Dalam Pertanian Organic. Thesis. Universitas Padjadjaran. Bandung.
- Nawangsih, A.A. 2006. Seleksi dan Karakterisasi bakteri Biokontrol untuk Mengendalikan penyakit Layu Bakteri (*Ralstonia solanacearum*) Pada Tomat. [Desertasi]. Bogor. Institut Pertanian.
- Nawangsih, A.A., Hanudin., Sanjaya, L., Cahyono, B. 2010. Pengendalian *Erwinia carotovora* pada anggrek menggunakan biopestisida mikrobial berbahan aktif *Bacillus subtilis* dan *Pseudomonas fluorescens*. Laporan akhir KKP3T TA 2009, Bogor.
- Nayak, D., Shanti, M.L., Bose, L.K., Singh, U.D., and Nayak. P. 2008. Pathogenicity association in *Xanthomonas oryzae* pv. *oryzae* the causal organism of rice bacterial blight disease. Asian Research Publishing Network (ARPN) *J. of Agric. and Boiol. Science. J. Phytopathol.* 3(1):12-27.
- Nilisma, M. 2018. Karakterisasi mekanisme biokontrol isolat bakteri endofit indigenes terpilih untuk pengendalian penyakit layu fusarium pada tanaman cabai secara in vitro. Padang. Repository Unand.S
- Nudel, C., Gonzales, R., Castaneda, N., Mahler, G., Actis, L.A. 2001. Influence of Iron on growth, production of siderophore compound, membrane protein, and lipase activity in *Acinetobacter calcoaceticus* BD 413. *Microbiol. Res.* 155 (4): 263-269.
- Nurfitriani, R., Krishanti, N. P. R. A., Akhdiya, A., Wahyudi, A.T. 2016. Penapisan Bakteri Filosfer Penghasil Bioaktif Anti *Xanthomonas oryzae* pv. *oryzae* Penyebab Penyakit hawar Daun Bakteri pada Padi. *Jurnal Sumberdaya Hayati.* Vol 2. No1, hlm 19-24.

- Ochiai, H., Inoue, Y., Takeya, M., Sasaki, A., and Kaku. H. 2005. Genone sequence of *Xanthomonas oryzae* pv. *oryzae* suggest contribution of large numbers of effector genes and insertion squances to its race diversity. *Jpn. Agric. Res. Q.* 39:275-287.
- Ou, S.H. 1985. Rice diseases (2nd ed) CMI Kew.380 pp.
- Parida, I. 2016. Isolasi, Seleksi, dan Identifikasi Bakteri Endofit sebagai Agens Penginduksi Ketahanan Tanaman Padi terhadap Penyakit Hawar Daun Bakteri. [Tesis]. Bogor. Sekolah Pascasarjana Institut Pertanian Bogor. Hal 79.
- Prihatiningsih, N., Arwiyanto, T., Hadisutrisno, B & Widada, J. 2015. Mekanisme antibiosis *Bacillus subtilis* B315 untuk pengendalian penyakit layu bakteri kentang. *J.HPT Tropika* 15(1): 64-71.
- Prihatiningsih, N. Djatmiko, H. A., dan Iestari, P. 2020. Mekanisme bakteri endofit akar padi seagai pengendali patogen hawar daun bakteri padi. *Prosding Seminar nasional*. ISBN 978-602-1643-65-5.
- Rachmawati, A., Supriyadi, A., Kusdiyantini, E. 2017. Identifikasi senyawa bioaktif pada isolat bakteri buah belimbing wuluh (*Averrhoa blimbi* L.) sebagai agensia hayati *Xanthomonas oryzae* pv. *oryzae*. *Jurnal biologi* 6(3):1-1.
- Radhapriya, P., A. Ramachandran., R. Anandam dan S. Mahalingam. 2015. *Pseudomonas aeruginosa* RRALC3 enhances the Biomass, Nutrient and Carbon Contents of *Pongamia pinnata* Seedling in Degraded Forest Soil. *Plos One* 10(10):1-19.
- Rahayuningsih, S. 2011. Pemanfaatan Bakteri Endofit sebagai Alternatif Pengendalian Penyakit Layu Bakteri pada Tanaman Jahe (*Zingiber officinale* Rosc.). [Tesis]. Bogor. Sekolah Pascasarjana. Institut Pertanian Bogor. Hal 58.
- Rahma, H., Zainal, A., Surahman, M., Sinaga, S.M., & Giyanto. 2014. Potensi bakteri endofit dalam menekan penyakit layu stewart (*Pantoea stewartii* subsp. *stewartii*) pada tanama n jagung. *J. HPT Tropika.* 14(2): 121-137.
- Rao,M. B. 1998. Molecular and Biotechnological Aspects of Microbial Proteases. *Microbiology and Molecular Biology Reviews.* 62:597-635.
- Rodas-Junco, B.A., Magana-Sevilla, H.F., Tun-Suarez, J.M., Reyes-Ramirez, A. 2009. Antifungal activity *in vitro* of native *Bacillus* sp. strains against *Macrophomina phaseolina* (Tassi) Goid. *Research Journal of Biological Sciences*, 4(9):985-989.
- Rodriguez, H., Gonzalez, T., Goire, I., & Bahsan, Y. 2004. Gluconic acid production and phosphate solubization by plant growth- promoting bacterium *azopirillum* spp. *Naturewissenschaften* 91:552-555.

- Ruwandani, M.N., Rakhmawati, A. dan Yulianti, E. 2014. Isolasi, Karakterisasi, dan Identifikasi Bakteri Pelarut Fosfat dari Guano di Gua Anjani, Jawa Tengah. Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Yogyakarta. Yogyakarta.
- Saragih, A.B. 2013. Skrining Bakteri Pelarut Fosfat Adaptif Vinasse dari Lahan Tebu Pabrik Gula Jatiroto Kabupaten Lumajang Jawa Timur. *Skripsi*. Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Jember. Jember.
- Saridewi, L.P., Prihatiningsih, N., Djatmiko, H.A. 2020. Karakterisasi biokimia bakteri endofit akar terung sebagai pemacu pertumbuhan tanaman dan pengendali penyakit layu bakteri in planta. *Jurnal Proteksi Tanaman*. 1(1):1-8.
- Schaad, N.W., Jones J.B., Chun, W. 2001. Laboratory Guide for Identification of Plant Pathogenic Bacteria. Third Edition. APS Press. The American Phytopathological Society. St. Paul. Minnesota. hlm 373.
- Sekar, D.A.F., & Widiyanti, F. 2018. Uji Antagonisme Bakteri Endofit dengan *Cercospora oryzae* Miyake dan *Bipolaris oryzae* (Breda de Han) Shoemaker. 29(3): 131-135.
- Septiani, T., Zul, D., Isda, M.N. 2014. Uji efektifitas bakteri pelarut fosfat penghasil asam sianida asal tanah gambut Riau dalam mengendalikan gulma dominan pada tanaman kelapa sawit. *JOM FMIPA*.
- Serdani, A.D., L.Q. Aini, A.L. Abadi, 2018. Isolasi dan Identifikasi Bakteri Endofit dari Tanaman Padi (*Oryza sativa*) sebagai Pengendali Penyakit Hawar Daun Bakteri Akibat *Xanthomonas oryzae* pv. *oryzae*. *Jurnal Viabel Pertanian* 12(1): 18-26.
- Setiati, Y., Mutmainah, N.H., Subandi, M. 2016. Efektivitas jumlah telur *Corcyra cephalonica* terparasitasi *Trichogramma* sp. Terhadap presentasi telur yang terparasit dan jumlah larva penggerek batang tebu bergaris (*Chilo sacchariphagus*) *Jurnal Agro*, III (1): 43-48.
- Sholikhin, I. 2014. Keefektifan Bakteri Endofit sebagai Agens Hayati terhadap Penyakit Hawar Daun Bakteri (*Xanthomonas oryzae* pv. *oryzae*) pada Padi. [Skripsi]. Bogor. Fakultas Pertanian. Institut Pertanian Bogor. 37 hal.
- Sigeo, D.C. 1993. Bacterial Plant Pathology: Cell and Molecular Aspect. Manchester (UK): Cambridge University Press.
- Silitonga, T.S. 2010. The use of biotechnology in the characterization, evaluation, and utilization of Indonesian rice germplasm. *J. Agro Biogen* 6(1):49-56.
- Soesanto, L. 2008. Pengantar Pengendalian Hayati Penyakit Tanaman. Jakarta. Rajawali Pres.

- Suardana, I.W., Utama, I.H., Wibowo, M.H. 2014. Identifikasi *Escherichia coli* O157: H7 Dari Feces Ayam dan Uji Profil Hemolisisnya pada Media Agar Darah. *Jurnal Kedokteran Hewan* 8(1): 1-5.
- Sudir. 2011. Komposisi patotipe *Xanthomonas oryzae* pv. *Oryzae* penyebab penyakit hawar daun bakteri padi di daerah sentra produksi padi di Jawa. *Prosiding Seminar Ilmiah Hasil Penelitian padi Nasional 2010*. Balai Besar Penelitian Tanaman Padi, Sukamandi.
- Suparyono dan Sudir. 1992. Perkembangan Penyakit Bakteri Hawar Daun Bakteri pada *Stadia* Tumbuh yang Berbeda. *Peneleitian pertanian* 22(1):45-50.
- Suparyono, Sudir, and Suprihanto. 2004. Pathotype profile of *Xanthomoas campestris* pv.*oryzae* isolates from the rice ecosystem in Java. *Indonesian Journal of Agricultural Science*. 5(2): 63-69.
- Strobel, G.A. 2003. Endhophytes as sources of bioactive products. *Review. Microb and Infect*. 5: 535-544.
- Strobel, G., and daisy. 2003. Bioprospecting for Microbial Endophytes and Their Natural Product. *ASM Society*. Montana State University.
- Tasliah. 2012. Gen ketahanan tanaman padi terhadap bakteri hawar daun (*Xanthomonas oryzae* pv. *oryzae*). *Jurnal Litbang Pertanian* 31(3):103-112.
- Ulfa, R. 2018. Kemampuan bakteri endofit tumbuhan pulai (*Alstonia scholaris*) dalam menghasilkan IAA dan melarutkan fosfat serta menghambat serangan patogen pada tanaman cabai. Tesis. Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Sumatera Utara, Medan.
- Van Loon, L.C. 2007. Plant responses to plant growth promoting rhizobacteria. *Eur J Plant Pathol*. 119:243-254.
- Velusamy, P., Immanuel, J.E., Gnanamanickam, S.S., & Thomashow, L. 2006. Biological control of rice bacterial blight by plant associated bacteria producing 2,4 diacetylphloroglucinol. *Can J. Microbial*. 52(1):56-65.
- Wakimoto, S., Hirayae, K., Tsuchiya, K., Kushima, Y., Furuya, N., and Matsuyama, N. 1986. Production of antibiotics by Plant Pathogenic *Pseudomonas*. *Ann. Phytopathology Society. Japan* (52): 835-842p.
- Wahyudi, A.T., Meliah, S., dan Nawangsih, A.A. 2011. *Xanthomonas oryzae* pv.*oryzae* Bakteri penyebab hawar daun pada padi: Isolasi, karakterisasi dan telaah mutagenesis dengan transposon. *Makara. Sains*. 15:89-96.
- Wahyuni, S. 2019. Isolasi dan uji antagonis bakteri endofit dari patogen akar tanaman karet. *Prossiding Seminar hasil Penelitian*. Fakultas Pertanian UMN Al Washliyah, Medan.
- Wandita, R, Pujiyanto, S., Suprihadi, A., dan Hastuti, R.D. 2018. Isolasi dan Karakterisasi Bakteri Endofit Pelarut Fosfat dan Penghasil Hidrogen Cyanide (HCN dari Tanaman Bawang Merah (*Allium cepa* L). *J.Balai Penelitian Tanah*.Vol 20. No 1. Hal 9-16.

- Wang, J.F. 1998. Basic Protocols for Conducting Research on Tomato Bacterial Wilt Caused by *Ralstonia solanacearum*. Shanhua: Asian Vegetable Research and Development Center.
- White, F.F., and Young. B. 2009. Host and pathogen factors controlling the rice-*Xanthomonas oryzae* pv. *Oryzae* interaction. *Plant Physiol.* 150:1677-1686.
- Whipps, J.M. 2001. Microbial Interaction and Biocontrol in Rhizosphere. *J. Expt. Bot* 52: 48-511.
- Widjayanti, T. 2012. Pengaruh Varietas Kedelai, Mulsa Jerami dan Aplikasi PGPR Terhadap Penyakit Pustul Bakteri dan Kelimpahan Bakteri Rizosfer. Bogor: Institut Pertanian Bogor.
- Yang, Z., Sun, X., Wang, S., and Zhang.S. 2003. Genetic and physical mapping of a new gene for bacterial blight resistance in rice. *Theor. Appl. Genet.* 106:1467-1472.
- Yasmin, S., Zaka, A., Imran, A., Zahid, M.A., Yausad, S., Rasul, G., Arif, M., and Mirza M.S. 2016. Plant Growth Promoting and Suppression of Bacterial Leaf Blight in Rice by Inoculated Bacteria. *PLoS ONE* 11(8):1-19.
- Zinniel, D.K., Lambrecht, P., Harris, N.B., Feng, Z., Kaczmarski, D., Higley, P., Ishimaru, C.A., Arunakumari, A., Barletta, R.G., & Vidaver, A.K. 2002, Isolation and characterization of endophytic colonizing bacteria from agronomic crops and prairie plants. *Appl. Environ. Microbiol.* 68: 2198-220

