DAFTAR PUSTAKA

Anggraini, F., A. Suryanto., N. Aini. 2013. Sistem tanam dan umur bibit pada tanaman padi sawah (*Oryza sativa L*.) varietas inpari. Jurnal Produksi Tanaman 1: 52-54.

Backman, P.A., Sikora. 2008. Endophytes: an emerging tool for biological control. Biological Control 46: 1-3.

Barroquino, W.L., L.Revilla., J.K. Ladha. 1997. Isolation of endophytic diazotrophic bacteri from wetland rice. Plant and Soil 194: 15-24.

Boddey, R.M., S. Urquiaga., B.J.R. Alves., and V. Reis. 2003. Endophytic nitrogen fixation in sugarcane: present knowledge and future applications. Plant and Soil 252: 139-149.

Bot, A. dan J. Benites. 2005. The Importance of Soil Organic Matter. FAO Soil Bulletin. P: 5-8.

Buscot, F., and A. Varma. 2005. Microorganisms in soils: roles in genesis and functions. European Journal of Soil Science 57: 925-926.

Chao, X., Q. Li-jun., G. Yong-ming., S. Ying-yao. 2013. Flower Development and Photoperiodic Control Flowering in Rice. Rice Science 20: 79-87.

Cutter, E.G.1968. Plant Anatomy Cell and Tissue Part I. Second Edition. The English Language Book Society and Edward Arnol (Publisher) Ltd. P: 25-28.

Dalton, D.A., dan S. Kramer. Nitrogen-fixing bacteria in non legumes. 2006. Dordrecht, Netherlands. P: 105-130.

De Datta, S.K. 1981. Principles and Practices of Rice Production. The International Rice Research Institute. New York. P: 87-99.

Edelmann, H.G. dan Kholer, K. 1995. Auxin increases elastic wall properties in sye coleoptiles: Implication For The Mechanism Of Wall Loosening. Physiologia Plantrum. 93: 85-92.

Egamberdieva, D. 2008. Plant growth promoting properties of rhizobacteria isolated from wheat and pea grown in lomy sand soil. Turkish Journal of Biology 32: 9-15.

Fallik, E., Okon, T., Epstein, E., Goldman, A., Fischer, M. 1989. Identification and quantification of IAA and IBA in *Azospirillum brasilense* inoculated maize roots. Soil Biology and Biochemistry 21: 147-153.

Gordon, A.S and R.P. Weber. 1950. Colorimetric estimation of indole acetic acid. Plant Physioloy 192-196.

Hallmann, J. 2001a. Plant interactions with endophytic bacteria. Biotic interactions inplant-patogen associations. CAB International. P: 87-119.

Hallmann, J. 2001b. Plant Interaction with Endophytic Bacteria. Biotic Interaction in Plant-Patogen Associations. CAB International. P: 89-102.

Hardoim, P., Rodrigo. 2011. Bacterial endophytes of rice: their diversity, characteristic and perspectives.<http: // dissertations. ub. rug. nL/ faculties/ science/2011/p.r.hardoim/.>Diakses pada tanggal 31 Februari 2014.

Harjadi, S.S. 1991. Pengantar Agronomi. Gramedia Pustaka. Jakarta. P: 5-9.

Hopkins, W.G.1995. *Introduction Of Plant Physiology*. John Wiley dan Sons. Inc. Toronto. P: 27-28.

Ismunadji, M. Dan S.O. Manurung. 1988. Morfologi dan Fisiologi Padi. Puslitbangtan, Bogor. P: 13-15.

Ismunadji, M. Dan S. Roechan. 1998. Hara Mineral Tanaman Padi. Badan Peneliti dan Pengembangan Pertanian. Badan Peneliti dan Pengembangan Tanaman Pangan. Bogor. P: 11-18.

James, E.K., V.M. Reis., F.L. Olivares., J.I. Baldani., J. Dobereiner. 1994. Infection of sugar cane by the nitrogen-fixing bacterium *Acetobacter diazotrophicus*. Journal Experimental Botany. 45: 757-766.

James, E.K., F.L. Olivares. 1998. Infection and colonization of sugar cane and other *graminaceous* plants by endophytic diazotrophs. Critical Reviews in Plant Science 17: 77-119.

Joetono, J. S., S. Hartadi., S. Kabirun., Suhadi., dan Soesanto. 1973. Pedoman Praktikum Mikrobiologi Umum untuk Perguruan Tinggi. Departemen Mikrobiologi, Fakultas Pertanian, Universitas Gadjah Mada, Yogyakarta.

Kartasapoetra, A.G. 1988. Pengantar Ekonomi Produksi Pertanian. Bina Aksara. Jakarta.

Keputusan Mentri Pertanian Nomor: 126/Kpts/TP.240/2/2003 Tentang Pelepasan Galur Padi Sawah Lokal Rojolele sebagai Varietas Unggul dengan Nama Rojolele.

Khamna, S., Yokota, A., Peberdy, J.F., Lumyong, S. 2010. Indole-3-acetic acid production by Steptomyces sp. Isolated From Thai Medicinal Plant Rhizosphere Soils. EurAsian Journal of BioSciences 4: 23-32.

Koomnok, C., N. Teaumroong., B. Rerkasem., S. Lumyong. 2007. Diazotroph endophytic bacteria in cultivated and wild rice in Thailand. Research Article Science Asia 33: 429-435.

Leonard, R.H. 1961. Quantitative range of Nessler's reaction with ammonia. Clinical Chemistry 9: 417-420.

Mano, H dan H. Morisaki. 2008. Endophytic bacteria in the rice plant. Microbes Environment 23: 109-117.

Mano, H., F. Tanaka., C. Nakamura., H. Kaga., H. Morisaki. 2007. Culturable endophytic bacterial flora of the maturing leaves and roots of rice plants (*Oryza sativa*) cultivated in a paddy field. Microbes and Environments 22: 175-185.

Marlina, N., E.A. Saputro., N. Amir. 2012. Respon tanaman padi (*Oryza sativa L.*) terhadap takaran pupuk organik plus dan jenis pestisida organik dengan SRI di lahan pasang surut. Jurnal Lahan Suboptimal 1: 138-148.

Moldenhauer, K., C.E. Wilson, Jr., P. Counce and J. Hardke. 2013. Rice growth and development. Arkansas Rice Production Handbook. University of Arkansas. 9-20.

Olivares, F.L., V.L.D. Baldani., V.M. Reis., J. Dobereiner. 1996. Occurrence of the endophytic diazortophs *Herbaspirillum* spp. In roots, stems, and leaves, predominantly of gramineae. Biology Fertility Soils Journal 21: 197-200.

Persello, C.F., L. Nussaume., C. Robaglia. 2003. Tales from the underground: molecular plant-rhizobacteria interaction. Plant Cell and Environment 26: 189-199.

Plantamor. 2012. Padi (Oryza sativa L.).<www. plantamor. com/ index. php? plant= 926>Plant Database. Diakses pada tanggal 1 April 2014.

Ponnamperuma, F.N. 1976. The chemistry of submerged oil.Acad. New York Press. London. 6: 29-88.

Rahayu, T. 2005. Budidaya Tanaman Padi dengan Teknologi Mig-6 Plus. BPP Teknologi dan MiG-6 Plus.

Rangjaroen, C., B. Rekasem., N. Teaumroong., R. Noisangian., S. Lumyong. 2015. Promoting plant growth in commercial rice cultivar by endophytic diazotrophic bacteria isolated from rice landraces. Annals of Microbiology 65: 253-266.

Sachdev, D.P., H.E. Chaudhari, V.M. Kasture., D.P. Dhavale., and B.A. Chopade. 2009. Isolation and characterization of indole acetic acid (IAA) producing *Klebsiella pneumoniae* strains from rhizosphere of wheat (*Triticum aestivum*) And their on plant growth. Indian Journal of Experimental Biology 47: 993-1000.

Salisbury, F.B., C.W. Ross. 1995. Fisiologi Tumbuhan. Institut Teknologi Bandung Press. Bandung. P: 10-12.

Santosa. 1993. Fisiologi Tumbuhan. Fakultas Biologi Universitas Gadjah Mada. P: 15-18.

Sessitsch, A., P. Hardoim., J. Doring., A. Weilharter., A. Krause., T. Woyke., B. Mitter., L. Hauberg Lotte., F. Friedrich., M. Rahalkar., T. Hurek., A. Hurek. 2012. Functional chtional characteristic of an endophyte community colonizing rice roots as revealed by metagenomic analysis. Molecular Plant Microbe Interactions 25: 28-36.

Setiawati, M.R., D.H. Arief., P. Suryatama., R. Hudaya. 2008. Aplikasi Bakteri endofitik penambat N2 untuk meningkatkan populasi bakteri endofitik dan hasil tanaman padi sawah. Jurnal Lahan Suboptimal 19: 13-15.

Spaepen, S., Vanderleyden, J., Remnas, R. 2007. *Indole-3-acetic Acid* in microbial and microorganism-Plant Signaling. FEMS Microbiology Reviews 10: 1-24.

Stephan, M.P., M. Oliveira., K.R.S. Teixeira., D.G. Martinez., J. Dobereiner. 1991. Physiology and dinitrogen fixation of Acotobacter diazotrohicus. FEMS Microbiology Letters 77: 67-72.

Sun, L., F. Qin., X. Zhang., X. Dai., X. Dong., W. Song. 2008. Endophytic bacterial diversity in rice (Oryza sativa L.) roots estimated by 16S rDNA squence analysis. Microbial Ecology 55: 415-424.

Sutejo, M.M. 2002. Pupuk dan Cara Pemupukan. PT. Rinneka Cipta. Jakarta.

Taiz, L. Dan Zeiger, E. 1998. Plant Physiology. Sinauer Associates, Sunderland, MA.

Tarabily, K., A.H. Nassar., K. Sivasithamparam. 2003. Promotion of Plant Growth by an Auxin-Poduction isolate Of The Yeast Williopsis Satumus Edophytic in Maize Root. The Six U.A.E. University Research Conference. 60-69.

Tarigan, R.S., I. Jamilah, dan Elismasni. 2013. Seleksi bakteri penambat nitrogen dan penghasil hormon indole-3acetic acid (IAA) dari rhizosfer tanah. Jurnal Sains Biologi 2: 45-47.

Tian, X., L. Cao., H. T., W. Han., M. Chen. 2007 Diversiy of cultivated and uncultivated Actinobacterial endopytes in the steams and roots rice. Microbial Ecology. 53: 700-707.

Van Buren, A.M., C. Andre., C.A. Ishimaru. 1993. Biological control of bacterial ring rot pthogen by endophytic bacteria isolated from potato. Phytopathology 83: 1406.

Verma, S.C., Singh., S.P. Chowdhury., Tripathi. 2004. Endophytic colonization ability of two deep-water rice endophytes, *Pantoea* sp. And *Ochrobacterium* sp. Using green fluoresencent protein reporter. Biotechnology Letter. 26: 425-429.

Wahyunto, B.H dan Widagdo. 2006. Pendugaan produktivitas tanaman padi sawah melalui analisis citra satelit. Informatika Pertanian. 15: 853-869.

Woodward, A.W. dan Bartel, B. 2005. Auxin: Regulation, action, and interaction. Aannals of Botany. 95: 707-737.