DAFTAR PUSTAKA

Aeron, A., S. Kumar, P. Pandey, and D.K. Maheshwari. 2011. Emerging Role of Plant Growth Promoting Rhizobacteria in Agrobiology. Pp 1 – 36. In Bacteria in Agrobiology: Crop Ecosystems. D.K. Maheshwari (ed.), DOI

AfrianiAndayaningsih P. 2000. *Pengaruh Takaran Molase terhadap Perkembangan Azotobacter Indigenus Podsolik Merah Kuning Asal Subang pada Media Gambut*. J. Bionatura. 2: 66-74.

Bashan, Y. 1999. Interactions of *Azospirillum* spp. in soils: a review. Biol Fertil Soils (1999) 29: 246–256 Q Springer-Verlag.

Bashan, Y. and G. Holguin. 1997. *Azospirillum*-plant relationships: environmental and physiological advances (1990-1996). Can. J. Microbiol. Vol. 43, 1997 : 103 – 121. NRC Canada.

Bashan, Y. and P. Vazquez. 2000. Effect of calcium carbonate, sand, and organic matter levels on mortality of five species of *Azospirillum* in natural and artificial bulk soils. Biol Fertil Soils 30:450–459 Q Springer-Verlag.

Belewu, M.W & Musa, A.K (2003).Effect of Selected Azotobacter Bacterial Strains on the Enrichment of Cassava Waste During Sold State Fermentation. Nigeria : University of Ilorin. Vol 6(1)

Cassa´n, F., D. Perrig, V. Sgroy, and V. Luna. 2011. Basic and Technological Aspects of Phytohormone Production by Microorganisms: *Azospirillum* sp. as a Model of Plant Growth Promoting Rhizobacteria. In Bacteria in Agrobiology: Plant Nutrient Management. D.K. Maheshwari (ed.). DOI 10.1007/978-3-642-21061-7_7, Springer-Verlag Berlin Heidelberg.

Cummings, S. P. and C. Orr. 2010. The Role of Plant Growth Promoting Rhizobacteria in Sustainable and Low-Input Graminaceous Crop Production. In Plant Growth and Health Promoting Bacteria. D.K. Maheshwari (ed.). Microbiology Monographs 18, DOI 10.1007/978-3-642-13612-2_13, Springer-Verlag Berlin Heidelberg.

Direktorat Jendral Perkebunan. 2017. *Statistik Perkebunan Indonesia 2015-2017*. Jakarta. Sekretariat Direktorat Jenderal Perkebunan.

Ditjen PLA Deptan, LPPM IPB) Direktorat Jenderal Pengelolaan Lahan dan Air Departemen Pertanian, Lembaga Penelitian dan Pengabdian kepada Masyarakat 2006. *Perbaikan pemanfaatan bahan organik dan mikroba potensial tanah untuk meningkatkan produksi tanaman di Propinsi Jawa Tengah dan Jawa Barat*. Laporan Ditjen PLA dan LPPM. Bogor: Institut Pertanian Bogor.

Disbun Jatim. 2008. Proyek Pengembangan Tebu Jawa Timur. http://www.ratoonjatim.co.cc.

Eckert, B., O. B. Weber, G. Kirchhof, A. Halbritter, M. Stoffels, and A. Hartmann. 2001. *Azospirillum doebereinerae* sp. nov., a nitrogen-fixing bacterium associated with the C4-grass *Miscanthus.* International Journal of Systematic and Evolutionary Microbiology 51, 17–26. Great Britain.

Fahn, A. l992. Anatomi Tumbuhan. PT Gramedia. Jakarta.

Gardner FP, Pearce RB, Mitchel RL. 1991. *Fisiologi Tanaman Budidaya*. Ed. Bahasa Indonesia. Universitas Indonesia.

Gozalez, A.M., Victoria, D.S., Fernando, C., Merino, G. 2015. *Efficiency of Plant Growth Promoting Rhizobacteria (PGPR) in Sugarcane.* Journal. 33:321-330

Guo JH, Qi HY, Guo YH, Ge HL, Gong LY, Zhang LX, Sun PH. 2004. *Biocontrol of Tomato wilt by Plant Growth-Promoting Rhizobacteria*. Biol Control. 29:66–72

Hamim, Rachmania, N., Hanarida, I., Sumarni, N. 2007. *Pengaruh Pupuk Biologi terhadap Pola Serapan Hara, Ketahanan Penyakit, Produksi dan Kualitas hasil beberapa Tanaman Pangan dan Sayuran Unggulan*. Bogor. Lembaga Penelitian dan Pengabdian Masyarakat. IPB.

Hanafiah, A. S., T. Sabrina, dan H. Guchi. 2009. Biologi dan Ekologi Tanah. Program Studi Agroekoteknologi Fakultas Pertanian Uviversitas Sumatera Utara. 409 hlm.

Havlin, J.L., Beaton, J.D, Tisdale, S.L., Nelson, W.L. 2005. *Soil Fertility and Fertilizer*. New Jersey. Pearson Prentice Hall. Upper Saddle River. Hlm. 515.

Herlambang, I. 2015. *Pengaruh Waktu Perendaman Benih dan Frekuensi Pemberian PGPR (Plant Growth Promoting Rhizobacteria)terhadap Pertumbuhan dan Hasil Tanman Cabe Rawit (Capsicum frutescens L.).* [Skripsi]. Yogyakarta: Universitas Pembangunan Nasional "Veteran" Yogyakarta, Fakultas Pertanian, Jurusan Agronomi.

Hindersah R, Simarmata T. 2004. *Potensi Rhizobacteri Azotobacter dalam Meningkatkan Kesehatan Tanah*. J. Natura Ind. 5:127-133.

Hindersah, R & T. Simarmata (2004).”Potensi Rizobakteri Azotobacter dalam Meningkatkan Kesehatan Tanah”. Jurnal Natur Indonesia. 5, (2), 127-133.

Husen, E.(2003).Screening of Soil Bacteria for Plant Growth Promotion Activities In Vitro.Indonesian Journal of Agricultural science.4(1) 2003: 27-31. Munir, E (2006). Pemanfaatan Mikroba dalam Bioremediasi: Suatu Teknologi AlternatifUntuk Pelestarian Lingkungan. Medan: Universitas Sumatera Utara.

Holguin, G., C. L. Patten, and B. R. Glick. 1999. Genetics and molecular biology of *Azospirillum*. Biol Fertil Soils 29: 10–23 Q Springer-Verlag.

Indrawanto,dkk,. 2010. *Budidaya dan Pasca Panen Tebu*. Eka Media. Jakarta. Hal.1-10.

Irsyad, M., W. Budi, L. Soetopo, Damanhuri. 2016. *Penampilan 15 Klon Harapan Tebu Didua Lokasi*. Jurnal Produksi Tanaman Vol.1, No. 3, hlm 199-208.

Isminarni F, Wedhastri S, Widada J, Purwanto BH. 2007. *Penambatan Nitrogen dan Penghasilan Indol Asam Asetat oleh Isolat-Isolat Azotobacter pada pH Rendah dan Aluminium Tinggi*. Jurnal. Ilmu Tanah dan Lingkungan. 7: 23-30.

Matsuoka, S. dan Rubismar S. 2012. Sugarcane Tillering and Ratooning: Key Factors for Profitable Cropping. Sugarcane: Production, Cultivation and Uses. 5(2):137-157.

PTPN XI. 2010. *Panduan Teknik Budidaya Tanaman Tebu.* Surabaya: PT. Perkebunan Nusantara XI (persero). Hal 27.

Soenandar, Meidiantie dkk.2010.*Petunjuk Praktis Membuat Pestisida Organik*.Jakarta:Agromedia Pustaka

Wedhastri, S (2002).”Isolasi dan seleksi Azotobacter spp.Penghasil Faktor Tumbuh dan Penambat Nitrogen dari Tanah Masam”.Jurnal Ilmu Tanah dan Lingkungan . 3, (1), 45-51

Reis, V. M., K.R. d. S. Teixeira, and R. O. Pedraza. 2011. What Is Expected from the Genus *Azospirillum* as a Plant Growth-Promoting Bacteria? In Bacteria in Agrobiology: Plant Growth Responses. D.K. Maheshwari (ed.). DOI 10.1007/978-3-642-20332-9_6, Springer-Verlag Berlin Heidelberg.