

DAFTAR PUSTAKA

- Abeer, H., Abd_allah, E. F., Alqarawi, A. A., Al-Huqail, A. A., Alshalawi, S. R. M., Dilduza, E. 2015. Impact of plant growth promoting *Bacillus subtilis* on growth and physiological parameters of *Bassia indica* (indian bassia) grown under salt stress. Pak. J. Bot. 47 (5): 1735-1741.
- Adesemoye, A. O. Obini, M. Ugoji, E. O. 2008. Comparison of plant growth-promotion with *Pseudomonas aeruginosa* and *Bacillus subtilis* in three vegetables. Brazilian Journal of Microbiology (2008) 39: 423-426.
- Aloni, R., Aloni, E., Langhans, M., Ulrich, C. I. 2006. Role of cytokinin and auxin in shaping root architecture: regulating vascular differentiation, lateral root initiation, root apical dominance and root gravitropism. Ann Bot 97: 883 – 893.
- Anonim. 2008. The biology of *Zea mays* L (maize or corn). Australian Government, Department of Health and Ageing, Office of the Gene Technology Regulator.
- Anonim. 2016. RI Impor jagung 2,4 Juta Ton. www.kemenperin.go.id/artikel/13892/2016,-RI-Impor-Jagung-2,4-Juta-Ton. Diakses tanggal 16 Mei 2016.
- Cavaglieri, L., Orlando, J., Rodriguez, M. I., Chulze, S., Etcheverry, M. 2005. Biocontrol of *Bacillus subtilis* against *Fusarium verticillioides* in vitro and at the maize root level. Research in Microbiology 156 (2005): 748-754.
- Choudhary, D. K., Johri, B. N. 2008. Interactions of *Bacillus* spp. and plants – with special reference to induced systemic resistance (ISR). Microbiological Research 164 (2009): 493-513.
- Fiddaman, P. J. Rossall, S. 1993. Effect of substrate on the production of antifungal volatiles from *bacillus subtilis*. Journal of Applied Bacteriology 76: 395-405.
- Gustafson. 2004. Organic Resource Guide. [//hortintl.cals.ncsu.edu/sites/default/bacillussubtilis/materialfactsheet.pdf](http://hortintl.cals.ncsu.edu/sites/default/bacillussubtilis/materialfactsheet.pdf). Diakses September 2017.
- Harborne, J. B. 1987. Metode Fitokimia: Penuntun cara modern menganalisis tumbuhan. ITB, Bandung.
- Idris, E. E., Iglesias, D. J., Talon, M., Borris, R. 2007. Tryptophan-Dependent production of indole-3-acetic acid (IAA) affects level of plant growth promotion by *Bacillus amyloliquefaciens* FZB42. MPMI 20: 619 – 626.
- Jatnika, W., Abadi, A. L., Aini, L. Q. 2013. Pengaruh aplikasi *Bacillus* spp. dan *Pseudomonas* spp. terhadap perkembangan penyakit bulai yang disebabkan

oleh jamur *Peronosclerospora maydis* pada tanaman jagung. Jurnal HPT 1 (4): 19-29.

- Kinsella, K., Schulthess, C. P., Morris, T. F., Stuart, J. D. 2008. Rapid quantification of *Bacillus subtilis* antibiotics in the rhizosphere. Soil Biology & Biochemistry 41 (2009): 374-379.
- Kumar, A. Prakash, A. Johri, B. N. 2011. *Bacillus* as PGPR in crop ecosystem. Department of Biotechnology and Bioinformatics Centre, Barkatullah University, Bhopal.
- Leelasuphakul, W., Hemmanee, P., Chuenchitt, S. 2007. Growth inhibitory properties of *Bacillus subtilis* strains and their metabolites against the green mold pathogen (*Penicillium digitatum* Sacc.) of citrus fruit. Postharvest Biology and Technology 48 (2008): 113–121.
- Mahfud, M. C., Sarwono, Gunawan, I. R. Dewi. 2011. Pengaruh Pemupukan Petrobio Gr terhadap Produktivitas Tanaman Jagung di Daerah Endemis Penyakit Bulai. Balai Pengkajian Teknologi Pertanian Jawa Timur.
- Mejia, Danilo. 2003. Maize : Post – Harvest Operation. Food and Agriculture Organizations of the United nations, Italia.
- Mohamed, H. I. Gomaa, E. Z. 2012. Effect of plant growth promoting *Bacillus subtilis* and *Pseudomonas fluorescens* on growth and pigment composition of radish plant (*Raphanus sativus*) under NaCl stress. Photosynthetica 50 (2): 263-272.
- Murray, G. M. 2009. Threat specific contingency plan philippine downy mildew of maize (*Peronosclerospora philippinensis*) and downy mildew of sorghum (*P. sorghi*). Plant Health Australia.
- Nawangsih, A. A., Wardani, F. F. 2014. Interaksi antara bakteri endofit dan bakteri perakaran pemacu pertumbuhan tanaman dalam menekan penyakit layu bakteri pada tomat. Jurnal Fitopatologi Indonesia 10 (5): 145-152.
- Nuryani, W., Yusuf, E. S., Djatnika, I., Hanudin., Marwoto, B. 2011. Pengendalian penyakit layu fusarium pada subang gladiol dengan pengasapan dan biopestisida. Jurnal Hortikultura 21 (1): 40-50.
- Ongena, M., Jacques, P. 2007. *Bacillus* lipopeptides: versatile weapons for plant disease biocontrol. Trends in Microbiology.
- Rivai, M. A. 1995. Keanekaragaman Jamur di Sekitar Kita. Gadjah Mada University Press, Yogyakarta.
- Semangun, H. 2006. Pengantar Ilmu Penyakit Tumbuhan. Gadjah Mada University Press, Yogyakarta.



- Sireesha, Y., Velazhahan, R. 2016. Biological control of downy mildew of maize caused by *Peronosclerospora sorghi* under environmentally controlled conditions. *Journal of Applied and Natural Science* 8(1): 279-283.
- Soesanto, L. 2008. Pengantar Pengendalian Hayati Penyakit Tanaman. Rajawali Pers, Jakarta.
- Subekti, N. A., Syafruddin, Efendi, Roy., Sunarti, S. 2011. Morfologi Tanaman Jagung. Balai Penelitian Tanaman Serealia, Maros.
- Sumardiyono, C., A. Wibowo., A. Widiastuti., Yudistira, D. 2012. Uji ketahanan *Peronosclerospora maydis* penyebab penyakit bulai jagung terhadap fungisida metalaksil. Laporan Akhir. Hibah Penelitian Fakultas Pertanian Universitas Gadjah Mada. Yogyakarta.
- Vance, C. P., Kirk, T. K., Sherwood, R. T. 1980. Lignification as a mechanism of disease resistance. *Ann. Rev. Phytopathol.* 18: 259-288.
- Vanholme, R., Demedts, B., Morreel, K., Ralph, J., Boerjan, W. 2010. Lignin Biosynthesis and Structure. *Plant Physiology* 153: 895-905.
- Violante, H. G. M., Portugal, V. O. 2007. Alteration of tomato fruit quality by root inoculation with plant growth-promoting rhizobacteria (PGPR): *Bacillus subtilis* BEB-13bs. *Scientia Horticulturae* 113 (2007): 103-106.