

DAFTAR PUSTAKA

- Ali, H. & Nadarajah, K. 2014. Evaluating the efficacy of *Trichoderma spp* and *Bacillus subtilis* as biocontrol agents against *Magnapothe grisea* in rice. *Australian Journal of Crop Science*, 8(9): 1324-1335.
- Alkuino, E.L. 2000. *Gasifying Farm Wastes as Source of Cheap Heat for Drying Paddy and Corns*. Philippines: International Rice Research Organization.
- Amaria, W.Harni, R., Samsudin. 2015. Evaluasi jamur antagonis dalam menghambat pertumbuhan *Rigidoporus microporus* penyebab penyakit jamur akar putih pada tanaman karet. *Jurnal Tanaman Industri dan Penyegar*. Halaman 51-60.
- Amin, M, & Zaenaty. 2012. Respon Petani Terhadap Gelar Teknologi Budidaya Jagung Hibrida Bima 5 Di Kabupaten Dongggala. *Agrika*, 6(1): 34-47.
- Bachri, S. 2001. Mewaspadaai cemaran mikotoksin pada bahan pangan, pakan, dan produk ternak di Indonesia. *Jurnal Penelitian dan Pengembangan Pertanian*. 20(2):55-64.
- Bacon, C.W., A.E. Glenn, & I.E. Yates. 2008. *Fusarium verticillioides*: Managing the endophytic association with maize for reduced fumonisins accumulation. *Res. Article* 27(3-4): 411-446.
- Badan Pusat Statistik. 2019. *Produksi Padi, jagung dan Kedelai*. Angka Ramalan 1. Tahun 2019. No.45/07/Th.XVI
- Baharuddin, B., & Z. Maskur. 2005. Uji efektivitas formulasi seed coating berbahan aktif bakteri *Pseudomonas flourescens* dan *Bacillus subtilis* untuk pengendalian penyakit layu Fusarium (*Fusarium oxysporum*) pada tanaman tomat. *Prosiding Seminar Ilmiah dan Pertemuan Tahunan PEI dan PFI XVI Sulsel*, Maros: 22 November 2005. Halaman 186-189.
- Cavaglieri, L.R., L. Andres, M. Ibanez, & M.G. Etchverry. 2005. Rhizobacteria and their potential to control *Fusarium verticillioides* effect of maize bacterisation and inoculum density. *Antonie van Leeuwenhoek* 87(3): 179-187
- Dai C.C., Yu, B.Y., & Li, X. (2008). Screening of endophytic fungi that promote the growth of *Euphorbia peginensis*. *Afr. J. Biotechnol.* 7: 3505-3509.
- Djaenuddin, Nurasih, N. Nonci, & A. Muis. 2017. Efektivitas Formula *Bacillus subtilis* TM4 untuk Pengendalian Penyakit pada Tanaman Jagung. *Jurnal Fitopatologi Indonesia* (13): 113-118.

- Duncan, K.E. & J.H. Richard. 2010. Biology of maize kernel infection by *Fusarium verticillioides*. APS Press in cooperation with International *Society for Molecular Plant - Microbe Interaction*, 23(1): 6–16.
- Eller, M.S., L.A. Robertson, G.A. Payne, & J.B. Holland. 2008. Grain yield and *Fusarium* ear rot of maize hybrids developed from lines with varying levels of resistance. *Maydica*, 53: 231– 137
- Hallmann J, Quadt-Hallmann A, Mahaffe WF, Kloepper JW. 1997. Bacterial endophytes in agricultural crop. *Can J Microbiol*, 43: 895-914.
- Harman, G.E., C.R. Howell, A. Viterbo, I. Chet, and M. Lorito. 2004. *Trichoderma* species opportunistic, avirulent plant symbionts. *Nature Reviews Microbiology*, 2: 43-56.
- Kulkarni, N., Abhay Shendye, Mala Rao. 1999. Molecular and biotechnological aspects of xylanase. *FEMS Microbiological Reviews*, 23: 411-456.
- Lewis, G.C. (2004). Effects of biotic and abiotic stress on the growth of three genotypes of *Lolium perenne* with and without infection by the fungal endophyte *Neotyphodium lolii*. *Ann. Appl. Biol.* 144: 53-63.
- Maryam. 2007. Metode Deteksi Mikotoksin. *Jurnal Mikol. Ked. Indonesia*. 7: 1-2.
- Metboki, Bernadina, A, Ni Putu Andriani, & P. Meitini Wahyuni. 2016. Efektivitas Ekstrak Kulit Batang Ampupu (*Eucalyptus Alba* Reinw. Ex. Blume) Dalam Menghambat Pertumbuhan Jamur *Fusarium* sp. Penyebab Busuk Tongkol Jagung (*Zea Mays* L.). *Jurnal Metamorfosa III* (52): 59-64.
- Muis, A. 2006. Biomass production and formulation of *Bacillus subtilis* for biological control. Indonesia. *Jurnal Agric. Sci.*, 7(2): 51– 56.
- Nayaka, S. Chandra, U. Shankar, C. Arakere, Reddy, Munagala, Niranjana, Siddapura, H.S. Prakas, Setty, and Huntrike. 2009. Control of *Fusarium verticillioides*, cause of ear rot of maize, by *Pseudomonas fluorescens*. Pest Management Science. *Indian Academy of Sciences*. 65(7): 769–775.
- Nurhayati H. 2001. Pengaruh Pemberian *Trichoderma* sp. terhadap Daya Infeksi dan Ketahanan Hidup *Sclerotium roflsii* pada Akar Bibit Cabai. [Skripsi]. Fakultas Pertanian, Universitas Tadulako, Palu.
- Pakki S & Talanca A H. 2007. Pengelolaan Penyakit Pascapanen Jagung. Maros: Balai Penelitian Tanaman Serelia. Halaman 182-183.

- Pakki, S. 2016. Cemaran Mikotoksin, Bioekologi Patogen *Fusarium Verticillioides* Dan Upaya Pengendaliannya Pada Jagung. *Jurnal Litbang Pertanian*, 35(1): 11-16.
- Papavizas, G. C. 1985. Trichoderma and Gliocadium: Biology, ecology and potential for biocontrol. *Annual Review Phytopathology*, 23: 23-54.
- Pereira, P., N. Andrea, C. Castillo, & Etcheverry. 2011. Field study on the relationship between *Fusarium verticillioides* and maize: Effect of biocontrol agents on fungal infection and toxin content of grain at harvest. *Int'l. J. Agron*, (7): 1-7.
- Prihatiningsih, N., T. Arwiyanto, B. Hadisutrisno & J. Widada. 2014. Seleksi mutan antibiosis *Bacillus subtilis* B315 untuk pengendalian *Ralstonia solanacearum* Pr7. *Jurnal Agrin*, 18(1): 67 – 79.
- Rejeki, S. 2007. The effect of different water flow rates on the survival rate of blue crab (*Portunus pelagicus*) zoea IV-megalopa stages. *Journal of Coastal Development*, 10:197-203.
- Rifai, M.A. 1969. *A Revision of Genus Trichoderma Common Wealth Mycological*. England: Institute New Surrey England. 55p.
- Rohana I. 1998. Efektifitas Penggunaan *Trichoderma harzianum* dan Fungisida Mankozeb untuk Pengendalian *Rhizoctonia solani* Penyebab Penyakit Lodoh pada *Acacia mangium*. [Skripsi]. Fakultas Kehutanan, Institut Pertanian Bogor, Bogor.
- Said, M. Yasin, dkk, 2008. *Petunjuk Lapang, Hama, Penyakit Hara pada Jagung*. Pusat Penelitian dan Pengembangan Pertanian. Jakarta: C.V yasaguna.
- Saikkonen, K., Faeth, S.H., Helander, M., & Sullivan, T. J. 1998. Fungal Edophytes: A continuum of interactions with host plants. *Ann. Rev. of Ecol. Systemat.* 29: 319-343.
- Savitri, Ratu & Sinta, Sasika Novel. 2010. *Medium Analisis Mikroorganisme (Isolasi dan Kultur)* . Jakarta: CV. Trans Info Media. 128 halaman.
- Semangun, H.. 1996. *Pengantar Ilmu Penyakit Tumbuhan*. Yogyakarta: Gajah Mada University. Press. 754 halaman.
- Slepecky, R.A., & H.R. Henphill. 2006. The Genus *Bacillus*-Nonmedical. Di dalam: Balows A, Trupper HG, Dworkin M, Harder W, Schleifer KH, editor. *The Prokaryotes*. Ed. ke-2. Springer-Verlag, New York. p. 1663-1696.

- Soesanto, L. 2008. *Pengantar Pengendalian Hayati Penyakit Tanaman*. Jakarta: Raja Grafindo Persada. 574 halaman.
- Suarni & Yasin. 2011. Jagung Sebagai Sumber Pangan Fungsional. *Jurnal IPTEK Tanaman Pangan*, 6(1): 48.
- Suharto. 2007. *Pengenalan dan Pengendalian Hama Tanaman Pangan*. Yogyakarta: Andi Offset. 120 halaman.
- Suprpto, H.S. & Rasyid, M.S. (2002). *Bertanam Jagung*. Jakarta: Penebar Swadaya. 55 halaman.
- Suriani & Muis. 2016. *Fusarium* pada Tanaman Jagung dan Pengendaliannya dengan Memanfaatkan Mikroba Endofit. *Jurnal IPTEK Tanaman Pangan*, 11(2): 133-141.
- Tanaka M, Sukiman H, Takebayashi M, Saito K, Suto M, Prana MS, Tomita F. 1999. Isolation, Screening and Phylogenetic Identification of Endophytes from Plants in Hokaido Japan and Java. *Microbes and Environment*, 14(4): 237-241.
- Thomas, T., Z.T. Nicolas, T. Zitomer, R.M. Trevor, M.Z. Anne, W.B. Charles, T,R. Ronald, and E.G. Anthony. 2014. Maize seedling blight induced by *Fusarium verticillioides* accumulation of fumonisin B1 in leaves without colonization of the leaves. *Agric. Food Chem*, 62(9): 2118–2125.
- Vega, F.E., Posada, F., Aime, M.C., Pava-Ripoll, M., Infante, F., Rehner, S.A. (2008). Entomopathogenic Fungal Endophytes. *Biol. Control*, 46: 72-82.
- Volk, W.A & Wheeler M. F. 1993. *Mikrobiologi Dasar. Edisi Kelima Jilid 2*. Jakarta: Penerbit Erlangga. Halaman 94-104.
- Wartono, Giyanto & K. H. Mutaqin. 2015. Efektivitas formulasi spora *Bacillus subtilis* B12 sebagai agen pengendali hayati penyakit hawar daun bakteri pada tanaman padi. *Penelitian Pertanian Tanaman Pangan*, 34(1): 21 – 28.