

DAFTAR PUSTAKA

- Ahangar, A.M., Z.A. Bhat, S. Najeeb, Z.A. Lone., and S.H. Dar. 2014. Bakanae disease : a new therat to rice production under temperate ecology of Khasmir. *Journal of Agriculture and Life Sciences* 1(2): 45-47.
- Alexopoulos, C.J., C.W. Mims., dan M. Blackwell. 1979. *Introductory mycology*. Thrid edition Jhon Willey and Sons. New York. Chochesger Brisbane. Toronto. 569 pp.
- Alfizar, Marlina., dan S. Fitri. 2013. Kemampuan antagonis *Trichoderma* sp. terhadap beberapa jamur patogen secara *in-vitro*. *Jurnal Floratek* 8:45-51. Banda Aceh.
- Amaria, W., R. Harni., dan Samsudin. 2015. Evaluasi dalam menghambat pertumbuhan *Rigidoporus microporus* penyebab penyakit jamur akar putih pada tanaman karet. *Jurnal Tanaman Industri dan Penyegaran* 2(1):51-60.
- Barnett, H.L., and B.B Hunter. 1972. *Illustrated genera of imperfect fungi*. Third editon. Burges publishing company. Minneapolis.
- Berlian, I., B. Setyawan., dan H. Hadi. 2013. Mekanise antagonisme *Trichoderma* spp. terhadap beberapa patogen tular tanah. *Warta Perkaretan* 32(2):74-82. Salatiga.
- Bhalli, J.A., M. Aurangzeb., and M.B. Ilyas. 2001. Chemical control of bakanae dieasae of rice caused by *Fusarium moniliforme*. *Jurnal Of Biological Sciences* 1(6):483-484.
- BPS. 2015. *Statistik 70 tahun Indonesia merdeka*. Jakarta Indonesia.
- Darnetty dan Sulyanti, E. 2014. Distribusi dan mating populasi (MPs) *Fusarium* yang berasosiasi dengan penyakit bakanae pada tanaman padi di Sumatera Barat. *Prosiding Seminar Nasional dan Rapat Tahunan Dekan Bidang Ilmu Pertanian BKS-PTN Wilayah Barat*. Hal 768-733.
- Desjardins, A.E., H.K. Manandhar., R. D. Plattner., G.G. Manandhar., S.M. Poling., and C.M. Maragos. 1999. *Fusarium* species from Nepalese rise and production of mycotoxins and gibberellic acid by selected species. *Applied And Environmental Microbiology* 66(3):1020-1025.
- Dharmaputra, O.K., A.W. Gunawan., R. Wulandari., dan T. Basuki. 1999. Cendawan kontaminan dominan pada bedengan jamur merang dan interaksinya dengan jamur merang secara *In-vitro*. *Jurnal Mikrobiologi Indonesia* 4(1):14-18.

- Efendi, V.O. 2013. Identifikasi molekuler *Trichoderma* spp. dan aktivitas antagonisnya terhadap *Fusarium oxysporum* f.sp. cubense. [Tesis]. Institut Pertanian Bogor. Bogor.
- Gupta, K., I.S. Solanki., B.M. Bashyal., Y. Singh., and K. Srivastava. 2015. Bakanae of rice-emerging disease in Asia. *The Journal of Animal and Plant Sciences* 25(6): 1499-1514.
- Halim, W.N.A., A.B. Razak., and N.A. Zainudin. 2015. Susceptibility of Malaysian rice varietas to *Trichoderma harzianum* as biocontrol agent. *Malaysian Journal of Microbiology* 11(1):20-26.
- Harman, E.G. 2006. Overview use of mechanisms *Trichoderma* spp. *Phytopathology* 96(2):190-194.
- Hossain, S.K., M.A.T. Mia., and M. Bashar. 2015a. Management bakanae of disease of rice. *Bangladesh Journal of Botany* 44(2)277-283.
- Hossain, S.K., A.M. Ali., M. Mollah., M.A.I. Khan., and S.A.K. Islam. 2015b. Evaluation of fungicides for the control of bakanae disease of rice caused by *Fusarium moniliforme* (Sheldon). *Bangladesh Rice Journal* 19(1):49-55.
- Karov, K.I., K.S. Mitrev., and K.S. Kostadinovska. 2009. *Gibberella fujikuroi* (sawada) wollenweber, the new parastical fungus on rice in the republic of Macedonia. *Proc. Nat. Sci, Matica Srpska Novi Sad* 116:175-182.
- Kubicek, C.P., and E. H. Gary. 2002. *Trichoderma* and *Gliocladium* (basic biology, taxonomy and genetics). Volume 1. Taylor & Francis, London.
- Litania, N. 1998. Uji kemampuan tiga jenis *Trichoderma* terhadap *Fusarium oxysporum* f. sp. cubense penyebab penyakit layu pada tanaman pisang secara *in vitro*. [Skripsi]. Universitas Andalas. Padang.
- Leslie, J.F., and B.A. Summerell. 2006. *The fusarium laboratory manual*. Iowa (US): Blackwell Publishing.
- Mishra, B.K., R.K. Mishra, R.C. Mishra, A.K. Tiwaril, R.S. Yadav., and A. Dikshit. 2011. Biocontrol efficacy of *Trichoderma viride* isolates against fungal plant pathogens causing disease in *Vigna radiata* L. *Archives of Applied Science Research* 3(2):361-369.
- Mukarlina, S., Khotimah., dan R. Rianti. 2010. Uji antagonis *Trichoderma harzianum* terhadap *Fusarium* spp. penyebab penyakit layu pada tanaman cabai (*Capsicum annum*) secara in-vitro. *Jurnal Fitomedika* 7(2): 80-85.

- Meiniwati, S., Khotimah., dan Mukarlina. 2014. Uji antagonis *Pyricularia grisea* Sacc. penyebab blast pada tanaman padi menggunakan jamur rizosfer isolat lokal. *Protobiont* 3(1):17-24.
- Nurbailis dan Martinius. 2011. Pengaruh kolonisasi *Trichoderma* spp. pada akar bibit pisang terhadap perkembangan penyakit layu *Fusarium* (*Fusarium oxysporum* f. sp. *cubense*). *Jurnal Natur Indonesia* 13(3):220-225.
- Ng, L.C., A. Ngadin, M. Azhari, and N.A. Zahari. 2015. Potential of *Trichoderma* spp. as biological control agents against bakanae pathogen (*Fusarium fujikuroi*) in rice. *Asian Journal of Plant Pathology* 9(2):46-58.
- Paath, M. J., dan M. Ratulangi. 2014. Aplikasi *Trichoderma koningii* dan *Pseudomonas* berflurensi untuk pengendalian cabai di Minahasa, Sulawesi Utara. *Jurnal Fitopatologi Indonesia* 10(4):133-137.
- Purwantisari, S., dan R.B. Hastuti. 2009. Isolasi dan identifikasi jamur indigenous rhizosfer tanaman kentang dari lahan pertanian kentang organik di desa Pakis, Magelang. *Bioma* 11(2):45-53.
- Purwono., dan P. Hastuti. 2007. Budidaya 8 jenis tanaman pangan unggul. Departemen Pertanian. Penebar Swadaya. Jakarta.
- Restra. 2015. Rencana strategis kementerian pertanian 2015-2019. Jakarta. 19 hal.
- Rozali, G. 2015. Penampisan jamur entomopatogen indigenous rhizosfer kakao (*Theobroma cacao* Linn) yang berpotensi menghambat pertumbuhan jamur *Phytophthora palmivora* Butler. [Skripsi]. Fakultas Pertanian. Universitas Andalas. Padang.
- Sari, P. 2017. Kemampuan antagonis beberapa isolat *Trichoderma* spp. terhadap jamur *Colletotrichum gloesporoides* penyebab penyakit antraknosa pada tanaman cabai (*Capsicum annum*) secara *in vitro*. [Skripsi]. Universitas Andalas. Padang.
- Siddique, S., K. Hossain, U.K. Yusuf, and M.S. Jahan. 2009. In vitro studies on the potential *Trichoderma harzianum* for antagonistic properties against *Ganoderma boninense*. *Journal of Food Agriculture and Environment* 7(3 &4):970-976.
- Sudantha, I.M., I.G.M. Kusnarta., dan I.N. Sudana. 2011. Uji antagonisme beberapa jenis cendawan saprofit terhadap cendawan *Fusarium oxysporum* f. sp. *cubense* penyebab penyakit layu pada tanaman pisang serta potensinya sebagai agens pengurai serasah. *Agroteksos* 21(2-3):106-109.

- Semangun, H. 2008. Penyakit - Penyakit Tanaman Pangan di Indonesia [Edisi kedua]. Gadjah Mada University Press. Yogyakarta.
- Tahumury, G.N.C., J.A. Leatemala, L.Y. Rumthe., dan J.V. Hasinu. 2012. Residu pestisida produk sayuran segar di kota Ambon. *Agrologia* 1(2):99-105.
- Tapwal, A., U. Singh, J.A.T. Silva, G. Singh, J. Garg., and R. Kumar. 2011. In vitro antagonism of *Trichoderma viride* against five phytopathogens. *Pest Technology* 5(1):59-62.
- Widyastuti, S., M. Sumardi, Irfa'I., dan H.H. Nurjayanto. 2002. Akitivitas penghambat *Trichoderma* spp. formulasi terhadap jamur patogen tular tanah secara *In- vitro*. *Jurnal Perlindungan Tanaman Indonesia* 8(1):27-34.
- Zainudin, N.A., A.A. Razak., and B. Salleh. 2008a. Bakanae disease of rice in Malaysia and Indonesia: etiology of the causal agent based on morphological, physiological and pathogenicity characteristics. *Journal of Plant Protection Research* 48(4):475-485.
- Zainudin, N.A., A.A. Razak., and B. Salleh. 2008b. Secondary metabolite profiles and mating populations of *Fusarium* species in section *Liseola* associated with bakanae disease of rice. *Malaysian Journal of Microbiology* 4(1): 6-13.
- Zivkovic, S., S. Stojanovic, Z. Ivanovic, V. Gavrilovic, T. Popovic., and J. Balaz. 2010. Screening of antagonistic activity of microorganism against *Colletotrichum acutatum* and *Colletotrichum gloeosporoides*. *Arch. Boil. Sci. Belgrade* 62(3):611-621.

