

DAFTAR PUSTAKA

- A.R. Chase 1998. *Rhizoctonia* Disease on Ornamentals. Amonthly Publication From Western Farm Servise Leaders in Holticulture. Vol.1
- Achmad dkk., 1998. The Potential Use of Two Spesies of *Trichoderma* for the Biological Control of *Damping off* on *Pinus merkusii*. *Proc. Inter. Workshop BIO-REFOR*, Manila.
- Agrios, G.N. 1998. *Plant Pathology*. Academic Press Inc., San Diego, California.
- Alexopoulos, C. J. dan C. W. Mims. 1979. *Introductory of Mycology 3th Edition*. John Wilwy & Sons, Inc., New York.
- Carsolio dkk. 1999. Role of the *Trichoderma harzianum* Endochotinase Gene, ech42, in Mycoparasitism. *American Society for Microbiology*. 65 (3): 929-935.
- Ceresini, P. 1999. *Rhizoctonia solani*. New York State University. USA
- Cook, R. J. dan K. F. Baker. 1989. *The Nature and Practice of Biological Control of Plant Pathogens*. APS Press Am Phyt. Soc., Minnesota.
- Dolf, D.B dan W. Trevor. 2001. Understanding *Rhizoctonia*.. Departement of Natural Resources and Environment and the South Autralia Reasearc and Development Institute. South Australia.
- E. Demirici , C. Eken dan H Zengin. 2002. First Reeport of *Rhizoctonia solani* and Benucleate *Rhizoctonia* from Johnsingrass in Turkey. Departement of Protection, Faculty Agriculture, Ataturk University, 252450 Enzurm, Turkey.
- Elad, Y., I. Chet, P. Boyle dan Y. Henis. 1983. Parasitism of *Trichoderma* spp. on *Rhizoctonia solani* and *Sclerotium rolfsii*-scanning electron microscopy and fluorosence microscopy. *Phytopathology*. 73:85-86.
- Elad, Y., I. Chet dan Y. Henis. 1982. Degradation of plant pathogenic fungi by *Trichoderma harzianum*. *Can. J. Microbiol*. 28: 719-725.
- Fox, R.A. 1970. The Role of The Biological Control Eradication in root Disease in Replanting of *Hevea brasiliensis*. University California Press. London.
- Hardjodarsono. 1977. Dendrologi Tanaman Hutan. Gramedia. Jakarta

- Harjono dan S.M. Widyastuti. 2001a. Optimasi Produksi Endokitinase dari Jamur Mikoparasit *Trichoderma reesei*. *Jurnal Perlindungan Tanaman Indonesia*. 7(1): 55-58.
- Harjono dan S.M. Widyastuti. 2001b. Antifungal Activity of Purified Endochitinase Produced by Biocontrol Agent *Trichoderma reesei* Againsts *Ganoderma philippii*. *Pakistan Journal of Biological Sciences*. 4 (10): 1232-1234.
- Harjono, S.M. Widyastuti dan S. Margino. 2001. Pemurnian dan Karakterisasi Enzim Endokitinase dari Jamur Mikoparasit *Trichoderma reesei*. *Jurnal Perlindungan Tanaman Indonesia*. 7 (2): 114-120.
- Harjono, S.M. Widyastuti Sumardi, dan Musyafa. 2003. *Observasi hama dan penyakit pada stek pucuk semai jati*. Laboratorium Perlindungan hutan. Fakultas Kehutanan UGM. Yogyakarta.
- Jeffries, P and T. W. K Young. 1994. *Interfungal Parasitic Relationship*. CAB International. Cambridge. UK.
- Johson, L.F. and E.A. Curl. 1972. *Methods for research on the ecology of soil borne plant pathogens*. Burgess Publishing Company. Minnesota.
- Lowell L. Balck. *Rhizoctonia*. 2001. AVRDC International Cooperation.
- Mulder, D. 1979. *Soil Disinfection*. Elsevier Scientific Publication Co., Amsterdam.
- Nakas, J.P dan C. Hagedorn. 1990. *Biotechnology of Plant-Microbe Interactions*. McGraw – Hill Publishing Company, USA.
- Papavizas, G. C. 1985. *Trichoderma* and *Gliocladium* : Biology, Ecology and Potential for Biocontrol. *Ann. Rev. of Phytopathology*. 23 : 23-54.
- Robinson, R.K. 1967. *Ecology of Fungi*. The English University Press Limited, St Paul's House, London.
- Samingan, T. 1982. *Dendrologi*. Fakultas Pertanian IPB. Gramedia, Jakarta.
- Schroth, M. N dan J. G. Hancock. 1981. Selected Topics in Biological Control. *Ann. Rev. Microbiol.* 35: 453-476.
- Semangun, H. 1996. *Penyakit-Penyakit Tanaman Perkebunan di Indonesia*. Gadjah Mada University Press, Yogyakarta.

- Sulistiyowanto, E. 1982. Prospek Keberhasilan Tanaman Jati dengan Jarak Tanam 6 x 1 m di BKPH Gajah Biru, KPH Pati. Fakultas Kehutanan UGM, Yogyakarta.
- Sukamto, S. 1997. Uji Antagonis *Trichoderma* sp. Terhadap Jamur Akar Coklat pada Tanaman Kakao di Laboratorium. Pros. Kongres Nasional XIV dan Seminar Ilmiah Perhimpunan Fitopatologi Indonesia, Palembang.
- Suwahyono, U. dan P. Wahyudi. 1997. Proteksi tanaman Alpukat dari Serangan Jamur Tular Tanah dengan menggunakan Biofungisida *Trichoderma harzianum*. Pros. Seminar Perhimpunan Bioteknologi Pertanian Indonesia, Surabaya.
- Tainter, F. H. dan F. A. Baker. 1996. *Principles of Forest Pathology*. John Willey & Sons. Inc., Canada.
- Wahyudi, P dan B. N Nuki. 1997. Uji antagonistik *Trichoderma viride* dan *Trichoderma harzianum* terhadap jamur patogen *Fusarium oxysporum*. *Prosiding Seminar Nasional Biologi XV* hal: 537-540.
- Wainwright, M. 1992. *An Introduction of Fungal Biotechnology*. John Wiley & Sons Ltd, England.
- Widyastuti, SM. dan Sumardi. 1998. *Antagonistic potential of Trichoderma* spp. againts root rot pathogen of forest tree species. *Asian Journal of Sustainable Agriculture*. 2 (2):1-8.
- Widyastuti, S.M., Sumardi, A. Sulthoni dan Harjono. 1998a. Pengendalian hayati penyakit akar merah pada akasia dengan *Trichoderma*. *Jurnal Perlindungan Tanaman Indonesia*. 4 (2): 65-72.
- Widyastuti, S.M., Sumardi dan N. Hidayati. 1998b. Kemampuan *Trichoderma* spp. untuk pengendalian hayati jamur akar putih pada *Acacia mangium* secara *in vitro*. *Buletin Kehutanan*. 36: 24-38.
- Widyastuti, SM. dan Sumardi. 1999. *Trichoderma* spp. as decomposing and biological control agents isolated from *Dipterocarp* forest in Jambi. *Proc. Of The. Int. Sem. Ecological Approach for Productivity and Sustainability of Dipterocarp Forest*. Yogyakarta, Indonesia.
- Widyastuti, SM., Sumardi, dan Harjono. 1999. Potensi antagonistik tiga *Trichoderma* spp. terhadap delapan penyakit akar tanaman kehutanan. *Buletin Kehutanan*. 41: 2-10.



- Widyastuti, S. M., Sumardi dan P. Sumantoro. 2001. Efektivitas *Trichoderma* spp. terhadap tiga patogen tular tanah pada beberapa spesies tanaman kehutanan. *Jurnal Perlindungan Tanaman Indonesia*. 7(2): 98-107.
- Widyastuti, S. M., Sumardi, Irfa'i dan H. H. Nurjanto. 2002. Aktivitas penghambatan *Trichoderma* spp. formulasi terhadap patogen tular tanah secara *in vitro*. *Jurnal Perlindungan Tanaman Indonesia*. 8(1): 27-34.
- Widyastuti, SM., Harjono, Sumardi dan D. Yuniarti. 2003. Biological Control of *Sclerotium rolfsii* Damping-Off of Tropical Pine (*Pinus merkusii*) with Three Isolated of *Trichoderma* spp. *Online J. Biol. Sci.* 3(1): 95-102