

DAFTAR PUSTAKA

- CABI Bioscience. 2004. *Dictionary of fungi. Ed. A.* Available from : <http://www.indexfungorum.org/names/fundic.asp>. Tanggal akses 6 Maret 2006.
- Brunner, K., Peterbauer, C.K., Mach, R.L., Lorito, M., Zeilinger, S., Kubicek, C.P. 2003. The NagI N-acetylglucosaminidase of *Trichoderma atroviride* is essential for chitinase induction by chitin and of major relevance to biocontrol. *Curr. Genet* 43: 289-295
- Brunner, K., Zeilinger, S., Ciliento, R., Woo, S.L., Lorito, M., Kubicek, C.P., Mach, R.L. 2005. Improvement of the fungal biocontrol agent *Trichoderma atroviride* to enhance both antagonism and induction of plant systemic disease resistance. *Appl. Environ. Microbiol* 71: 3959-3965
- Devi, S. Nugroho, T.T., Chainulfiffah, Dahliaty, A. 1999. Pemurnian enzim selulase ekstraselular dari jamur *Trichoderma viride* TNJ63 isolat dari wilayah daratan Riau. *Laporan penelitian* Pekanbaru:Lembaga Penelitian Universitas Riau.
- Dong, J-Y., He, H-P., Shen, Y-M., Zhang, K-Q. 2005. Nematicidal epipolysulfanyldioxopiperazines from *Gliocladium poreum*. *J. Nat. Prod.* 68: 1510-1513
- Druzhinina, I., Kubicek, C. P. 2005. Species concepts and biodiversity in *Trichoderma* and *Hypocrea* : from aggregate species to species clusters. *J. Zhejiang Univ SCI* 6B(2):100-112.
- Harman, G.E; Hayes, CK; Lorito, M; Broadway, RM; Di Pietro, A; Peterbauer, C; Tronsmo, A. 1993. Chitinolytic enzymes of *Trichoderma harzianum* : Purification of chitobiosidase and endochitinase. *Phytopathology*. Vol. 83, no. 3, pp. 313-318.
- Harman, G.E., Howell, C.R., Viterbo A., Chet, I., Lorito, M. 2004. *Trichoderma* species-opportunistic, avirulent plant symbionts. *Nature Reviews* 2: 43-56
- Harman, G.E. 2006. *Trichoderma* sp., including *T. harzianum*, *T. viride*, *T. koningii*, *T. hamatum* and other sp. Deuteromycetes, Moniliales (asexual classification system). Available from: <http://www.nysaes.cornell.edu/biocontrol/pathogens/trichoderma.html>. Tanggal akses: 20 mei 2006
- Ifriadi, R. 2005. *Aplikasi Biokontrol Gliocladium TNC73 dan Trichoderma Harzinum TNC52 dalam menanggulangi penyakit karat putih pada bayam merah (Amaranthus tricolor van blitum rubrum)*. Skripsi Jurusan kimia FMIPA Universitas Riau, Pekanbaru.

- Lorito, M., Harman, G.E., Hayes, C.K., Broadway, R.M., Tronsmo, A., Woo, S.L., Di Pietro, A. 1993. Chitinolytic enzymes produced by *Trichoderma*. *Phytopathology* 83: 302-307
- Nugroho, T.T., Ginting, C., Ali, M. 1999. Isolation of chitinase active *Trichoderma* spp. and *Gliocladium* spp. From Citrus and Cacao orchid soil in Riau, Sumatra. *Laporan penelitian*. Pekanbaru : Lembaga Penelitian Universitas Riau.
- Nugroho, T.T., Ali, M., Ginting, C., Wahyuningsih, Dahliaty, A., Devi, S., Sukmarisa, Y. 2003. Isolasi dan karakterisasi sebagian kitinase *Trichoderma viride* TNJ 63. *J. Natur Ind.* 5(2) : 101-106
- Roco, A., Perez, L.M. 2001. *In Vitro* biocontrol activity of *Trichoderma Harzianum* on *Alternaria alternate* in presence of growth regulators. *J. Biotech.* Vol. 4 No.2
- Suarez, B., Rey., M., castillo, P., Monte, E., Liobell, A. 2004. Isolation and characterization of PRA1, a trypsin-like protease from the biocontrol agent *Trichoderma harzianum* CECT 2413 displaying nematicidal activity. *Appl. Microbiol. Biotechnol.* 65: 46-55
- Suharna, N., Widhyastuti, N. 1996. Sifat Antagonistik *Trichoderma* spp Terhadap *Geotrichum candidum*. *J. Mikro.Biol. Tropika* p. 20-15.
- Vinale, A., Marra, A., Scala, F., Ghisalberti, E.L., Lorito, M., Sivasithamparam, K. 2006. Major secondary metabolites produced by two commercial *Trichoderma* strains active against different phytopathogens. *Letters in Applied Microbiology* 64: 1442-1446