

## PUSTAKA ACUAN

- Abbot, L.K. dan A.D. Robson, 1984. *The Effect of Mycorrhizae on Plant Growth*. CRC. Press, Inc. Boca Raton. Florida.
- Azzaizeh, A., H. Marschner., V. Romheld., dan L. Wittenmayer. 1995. *Effect of a vesicular-arbuscular mycorrhizal fungus and other soil microorganisms on growth, mineral nutrient acquisition and root exudation of soil-grown maize plant. Mycorrhiza* : 5: 321-327.
- Azcon-Aguilar, C. dan J.M. Barea. 1996. *Arbuscular mycorrhizas and biological control of soil-borne plant pathogens an overview of mechanisms involved. Mycorrhiza* 6: 457-464.
- Baas, R., A. Van Der Werf., dan H. Lambers. 1989. *Root respiration and growth in plantago major as affected by vesicular arbuscular mycorrhizal infection. Plant Physiol.* 91: 227-232.
- Baltruschat, H. dan F. Schonbeck. 1975. *The influence of endotrophic mycorrhiza on the infestation of tobacco by thielaviopsis basicola. Phytopathol. Z.* 84: 172-188.
- Bansal, M. dan K.G. Mukerji. 1994. *Positive correlation between VAM-induces changes in root exudation and mycorrhizosphere mycoflora. Mycorrhiza* 5: 39-44.
- Baon, J.B. 1998. *Pemanfaatan Jamur Mikoriza Arbuskular Sebagai Pupuk Hayati di Bidang Perkebunan*. Workshop Mikoriza, Bogor, 27 September-2 Oktober 1999.
- Berta, G., A. Fusconi., dan A. Trotta. 1993. *VA mycorrhizal infection and the morphology and function of root system. Environ. Expt Bot.* 33: 159-173.
- Brundrett, M., N. Bougher., B. Del., T. Ove., dan N. Malajczuk. 1996. *Working with Mycorrhizas in Forestry and Agriculture*. ACIAR Monograph 32. Australian Centre for International Agricultural Research, Canberra.
- \_\_\_\_\_. 2008. *Working with Mycorrhizas in Forestry and Agriculture*. ACIAR Monograph 32. Australian Centre for International Agricultural Research. Canberra.

- Christensen, H. dan I. Jakobsen. 1993. *Reduction of bacterial growth by a vesicular arbuscular mycorrhizal fungus in the rhizosphere of cucumber (Cucumis sativa L)*. *Biol.Fertil. Soil* 15: 253-258.
- Cordier, C., S. Gianinazzi., dan V. Gianinazzi-person. 1996. *Colonization patterns of root tissues by Phytophthora nicotianae var. parasitica related to reduce disease in mycorrhizal tomato*. *Plant soil* 185: 223-232.
- Coyne, M.C. 1999. *Soil Microbiologi an Exploratory Approach*. Delmar Publisher, ITP.
- Daniels, B.A. dan J.M. Trappe. 1980. *Factors affecting spore germination of vesicular-arbuscular mycorrhizal fungus, Glomus epigaeus*. *Mycologi*. 72 :457-463.
- Dehne, H. W. 1982. *Interaction between vesicular-arbuscular mycorrhiza fungi and plant pathogens*. *Phytopath* 78: 1115-1118.
- Delvian. 2003. *Keanekaragaman Cendawan Mikoriza Arbuskula (CMA) di Hutan Pantai dan Potensi Pemanfaatannya*. Disertasi. Program Pascasarjana IPB Bogor.158p. (tidak dipublikasikan).
- Dewi. I. 2007. *Peran, Prospek dan Kendala dalam Pemanfaatan Endomikoriza*. Makalah Universitas Padjajaran. Bandung.
- Direktorat Jenderal Perkebunan. 2012. *Tabel Produksi, Luas Areal dan Produktivitas Perkebunan di Indonesia*. Direktorat Jenderal Perkebunan, Jakarta.
- Dugassa, G.D., H. Von Alten., dan F. Schonbeck. 1996. *Effect of arbuscular mycorrhiza (AM) on health of linum usitatissimum L. infected by fungal pathogens*. *Plant Soil* 185: 173-182.
- Fauzi, Y., Y. E Widyastuti., I. Satyawibawa., dan R. H. Paeru. 2012. *Kelapa Sawit*. Penebar Swadaya. Jakarta. 236 hlm.
- Goncalves, E.J., J.J. Muchovej., dan R.M. Muchovej. 1991. *Effect and methode of fungicidal treatement of bean seed on infection by the VA mycorrhizal fungus Glomus macrocarpum and by the pathogenic fungus Fusarium solani, I, fungal and plant parameters*. *Plant soil* 132:41-46.
- Graham, J.H., R.T. Leonard., dan J.A. Menge. 1981. *Membrane-mediated decrease in root exudation responsible for phosphorus inhibition of vesicular arbuscular mycorrhizae formation*. *Plant Physiol*. 68: 548-552.
- Handayanto, E. dan K. Hairiah. 2007. *Biologi Tanah Landasan Pengelolaan Lahan Sehat*. Pustaka Adipura. Yogyakarta.

- Hapsoh. 2008. *Pemanfaatan Fungi Mikoriza Arbuskula pada Budidaya Kedelai di Lahan Kering*. Makalah. Pengukuhan Guru Besar. 14 Juni 2008. Kampus USU Medan. 35 hlm.
- Hardjowigeno, S. 2003. *Ilmu Tanah*. Jakarta. Akademik Press.
- Hooker, J.E., M. Jaizme-Vega., dan D. Atkinson. 1994. *Biocontrol of plant pathogens using arbuscular mycorrhizal fungi in :impact of arbuscular mycorrhizas on sustainable agriculture and natural ecosystem*. S.Gianinazzi, H. Schuepp., eds., Biekhauer, Basal, pp. 191-200.
- INVAM. 2008. <http://invam.wvu.edu/the-fungi/classification>. Diakses tanggal 18 Oktober 2014.
- \_\_\_\_\_. 2009. <http://invam.wvu.edu/the-fungi/classification>. Diakses tanggal 18 Oktober 2014.
- \_\_\_\_\_. 2013. *International culture collection of (vesicular) arbuscular mycorrhizal Fungi*. <http://invam.caf.wvu.edu/Myco-info/Taxonomy/classification.htm>.
- Janouskova, M., D. Pavlikova., dan M. Vosatka. 2006. *Potensial contribution of arbuscular mycorrhiza to cadmium immobilization in soil*. Chemosphere 65 (11): 1959 - 1965.
- Kartika, E. 2006. *Tanggap Pertumbuhan, Serapan Hara, dan Karakter Morfologi terhadap Cekaman Kekeringan pada Bibit Kelapa Sawit yang Bersimbiosis dengan CMA*. Disertasi. Sekolah Pascasarjana IPB, Bogor. 188p.(tidak dipublikasikan)
- \_\_\_\_\_. 2012. *Isolasi, Karakterisasi dan Pengujian Keefektifan Fungi Mikoriza Arbuskular Terhadap Bibit Kelapa Sawit pada Tanah Gambut Bekas Hutan*. *Jurnal Agronomi*. 10(2): 63-70.
- Kivlin, S.N., C.V. Hawkes., dan K.K. Treseder. 2011. *Global diversity and distribution of arbuscular mycorrhizal fungi*. *Jur. Soil Biology & Biochemistry* 43: 2294-2303.
- Linderman, R.G. 1994. *Role of Vam fungi in biocontrol, in : Mycorrhiza and plant health, F.L. plager and R.G. Linderman, eds., APS. St. Paul pp 1-26*.
- Maas, E.V. dan R.H. Nieman. 1978. *Physiology of plant tolerance to salinity*. Dalam GA Jung (Ed). *Crop tolerance to suboptimal land conditions*. ASA Spec. Pub. Hlm: 277-299.

- Madjid, A. 2009. Pengelolaan Kesuburan Tanah Mineral Masam untuk Pertanian. Makalah Pengelolaan Kesuburan Tanah, Program Studi Ilmu Tanaman, Program Magister (S2), Program Pascasarjana, Universitas Sriwijaya. Palembang.
- Manan, S. 1993. *Pengaruh Mikoriza Pada Pertumbuhan Semai Pinus merkusii di Persemaian*. Kuliah Silvikultur Umum. Fakultas Kehutanan IPB. Bogor.
- Mayo, K., R.E. Davis., dan J.Motta. 1986. *Stimulation of germination of spores of Glomus versiforme by spore associated bacteria*. *Mycologia* 78: 426-431.
- Moreira., Dilmar., dan S.M. Tsai. 2007. *Biodiversity dan distribution of arbuscular mycorrhizal fungi in Araucaria angustifolia forest*. *Journal agriculture* vol. 64 : 393-399.
- Mosse, S. 1981. *Vesicular Arbuscular Mycorizarescarh for tropical agriculture*. *Res. Bull.*
- Mukerji, K.G., B.P. Chamola., dan M. Sharma. 1997. *Mycorrhiza in control of plant pathogens, in: management of threatening plant disease of national importance, V.P Agnihorti, A.K sarbhoy and D.V singh, eds., malhotra publ.* House new delhi, pp. 298-314.
- Norman, J.R., D. Atjinson, dan J.E. Hooker., 1996. *Arbuscula mycorrhiza fungal-induced alteration to root architecture in strawberry and induced resistance to the root pathogen Phytophthora fragariae*. *Plant Soil* 185: 191-198.
- Odum, E.P. 1998. *Dasar-dasar Ekologi : terjemahan dari fundamentals of ekologi*. Alih bahasa samingan, T. Edisi ketiga Universitas Gadjah Mada press. Yogyakarta. 697p.
- Oehl, F., F.A. Souza., dan E. Sieverding. 2008. *Revision of Scutellospora and description of five new genera and three new families in the arbuscular mycorrhiza-forming Glomeromycetes*. *Mycotaxon* 106: 311–360.
- Oehl, F., E. Sieverding, K. Ineichen, P. Mäder, A. Wiemken, dan T. Boller. 2009. *Distinct Sporulation dynamics of arbuscular mycorrhizal fungal communities from different agroecosystems in long-term microcosms*. *Agric Ecosyst Environm* 134:257–268.
- Pattimahu, D.V. 2004. *Restorasi Lahan Kritis Pasca Tambang Sesuai Kaidah Ekologi*. Makalah Mata Kuliah Falsafah Sains, Sekolah Pasca Sarjana, IPB. Bogor.
- Paulitz, T.C. dan R.G. Linderman. 1991. *Lack of antagonism between the*

*biocontrol agent Gliocladium virens and vesicular-arbuscular mycorrhizal fungi. New Phytol.* 117: 303-308.

- Pinochet, J., C. Calvet., A. Camprubi., dan C. Fernandez., 1995. *Interaction between the root leison nematode Pratylenchus vulnus and the mycorrhizal association of Glomus intraradices and Santa lucia 64 cherry stock. Plant soil* 170:323-329.
- Pujianto. 2001. *Pemanfaatan Jasad Mikro, Jamur Mikoriza dan Bakteri Dalam Sistem Pertanian Berkelanjutan Di Indonesia: Tinjauan Dari Perspektif Falsafah Sains.* Makalah Falsafah Sains Program Pasca Sarjana Institut Pertanian Bogor. Bogor.
- Puspitasari, D., K. I. Purwani, dan A. Muhibuddin. 2012. *Eksplorasi Vesicular Arbuscular Mycorrhiza (VAM) Indigenous pada Lahan Jagung di Desa Torjun, Sampang Madura. Jurnal Sains dan Seni.*1: 19–22.
- Reddy, M.V., J.N. Rao., dan K.R. Krishna. 1989. *Influence of vesicular-arbuscular mycorrhizae on Fusarium wilt of pigeonpea.* Internalt. Pigeonpea newsleter 9:23.
- Rupp, L.A., K.W. Mudge., dan F.B. Negm. 1989. *Involvement of ethylene in ectomycorrhiza formation and dichotomous branching of roots of mugo pine seedlings. Can. J. Bot.* 67: 477-482.
- Saleh, H. dan R.A. Sikora. 1984. *Relationship between Glomus fasciculatum root colonization of cotton and its effect on Meloidogyne incognita. Nematologica* 30:230-237.
- Scannerini, S. dan P. Bonfante-Fosolo. 1983. *Comparative ultrastructural analysis of mycorrhizal associations. Can. J. Bot.* 61: 917-922.
- Schenck, N.C. dan V.N. Schroder. 1974. *Temperature response of endogone micorrhiza on soybean roots. Mycologia.* 66 : 71.
- Semangun, Haryono. 1990. *Penyakit-penyakit Tanaman Perkebunan di Indonesia.* Gadjah Mada University Press. Yogyakarta.
- Setiadi, Y. 2001. *Peranan Mikoriza Arbuskula Dalam Rehabilitasi Lahan Kritis Di Indonesia.* Disampaikan Dalam Rangka Seminar Penggunaan Cendawan Mikoriza dalam Sistem Pertanian Organik dan Rehabilitasi Lahan Kritis. Bandung 23 April 2001. *dalam Skripsi: Keanekaragaman Cendawan Mikoriza Arbuskula (CMA) Berdasarkan Ketinggian Tempat.* Zebua, H. F.2008.

- Shi, Y., L.Y. Zhang., X.L. Li., G. Feng., C.Y. Tian., dan P. Christie. 2007. *Diversity of arbuscular mycorrhizal fungi associated with desert ephemeral in plant communities of Junggar Basin, NorthWest China.* *Jurnal. Applied Soil Ecology.* 35:10-20.
- Siddiqui, Z.A., M.S. Akhtar., dan K. Futai. 2008. *Mycorrhizae: Sust Ainable Agricultura and Forestry.* Springer Science. Business Media. B. V.
- Sieverding, E., 1991. *Vesicular-Arbuskular Mycorrhiza Management in Tropical Agrosystems.* Technical Cooperation, Federal Republic of Germany, Eschborn.
- Siradz, S.A., dan S. Kabirun. 2007. *Pengembangan Lahan Marginal Pesisir Pantai dengan Bioteknologi Masukan Rendah.* *Jurnal Ilmu Tanah dan Lingkungan* 7(2): 83-92.
- Smith, S. E. dan D. J. Read. 1997. *Vesicular Arbuscular Mycorrhizas: Growth and Carbon Economy of VA Mycorrhizal Plants.* In *Mycorrhizal Symbiosis.* 2<sup>nd</sup> ed. New York, Acad. Press.
- \_\_\_\_\_. 2008. *Mycorrhizal Symbiosis. Third edition :* academic Press. Elsevier Ltd. New York, London, Burlington, San Diego. 768 p.
- St-Arnaud, M., C. Hamel., B. Vimard., M. Caron., dan J.A. Fortin. 1995. *Altered growth of Fusarium oxysporum f. sp chrysanthemi in an in vitro dual culture system with the vesicular arbuscular mycorrhizal fungus Glomus intraradices growing on Daucus carota transformed roots.* *Mycorrhiza* 5: 431-438.
- Suhardi. 1988. *Pedoman Kuliah Mikoriza Vesikular Arbuskular (MVA).* Proyek Peningkatan Perguruan Tinggi Universitas Gadjah Mada. PAU-Bioteknologi Universitas Gadjah Mada. 178 hlm.
- Susanto, A., P.S. Sudharto., dan T. Daisy. 2002. *Hiperparasitisme Beberapa Agens Biokontrol Terhadap G. boninense Penyebab Penyakit Busuk Pangkal Batang Kelapa Sawit.* *Jurnal Penelitian Kelapa Sawit. Pusat Penelitian Kelapa Sawit. Medan.* 10:2. 63-69p.
- Swasono, D.H. 2006. *Peranan Mikoriza Arbuskula dalam Mekanisme Adaptasi Beberapa Varietas Bawan Merah terhadap Cekaman Kekeringan di Tanah Pasir Pantai.* *Disertasi.* Sekolah Pascasarjana, IPB, Bogor. 106 p. (tidak dipublikasikan).
- Zarei, M., S. Hempel., T. Wubet., T. Schafer., G. Savaghebi., G.S. Jouzani., M.K. Nekouei., dan F. Buscot. 2010. *Molecular diversity of arbuscular mycorrhizal fungi in relation to soil chemical properties and heavy metal contamination.* *Jurnal Environmental Pollution.* 158: 2757-2765.