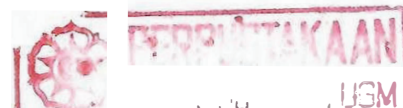


## DAFTAR PUSTAKA

- Alrasjid, H. dan A. Widiarti, 1990. *Teknik Penanaman dan Pemungutan Hasil Gmelina arborea*, Informasi Teknis No 11/1990. Pusat Penelitian dan Pengembangan Hutan. Bogor.
- Baon, J.B. 1994. *Growth of mycorrhizal cocoa on a red-yellow podzolic soil*. Pelita Perkebunan. (148-154).
- Baon, J.B. 1995. *Intraspecific response of Theobroma cacao L to mycorrhizal infection*. Proceedings of second conference on Agricultural Biotechnology. Jakarta vol 2. 377-383.
- Baon, J.B., 1997. *Peranan Mikoriza dalam Melestarikan Sumberdaya Tanah Pertanian* dalam Jurnal Perlindungan dengan Sumberdaya Tanah untuk Mendukung Kelestarian Pertanian Tangguh. Balai Penelitian Kacang-kacangan dan Umbi-umbian. Jember Edisi khusus Balitkabi. 10: 314-323.
- Baon, J.B. 1999. *Pemanfaatan jamur mikoriza arbuscular sebagai pupuk hayati dibidang perkebunan*. Workshop Mikoriza oleh Asosiasi Mikoriza Indonesia PAU Bioteknologi IPB. Bogor.
- Benyamin, L. 2000. *Dasar-dasar Fisiologi Tumbuhan*. PT. Raja Grafindo Persada. Jakarta.
- Black, R. 1980. *The role of mycorrhizal symbiosis in the nutrition of tropical plant*. In Peitsa Mikola (Eds): Tropical Mycorrhiza Research. Oxford University Press New York.
- Brady, N.C, 1984. *The nature and properties of soils*. Ninth edition. Mac Milan Publishing Company. New York.
- Brundrett, N.N. Bougher, B. Dell, T. Grove and N. Malajczuk. 1996. *Working with Mycorrhiza in Forestry and Agriculture*. ACIAR Monograph 32. 374 +xp.
- Chen BD.; Christie, P; Li XL. 2000. *A modified glass bead compartment cultivation system for studies on nutrient and trace metal uptake by arbuscular mycorrhiza*. CHEMOSPHERE. 42(2) : 185-192.
- Copeman, R.H; C.A. Martin and J.C Stutz. 1996. *Tomato Growth in Response to Salinity and Mycorrhizal Fungus from Saline or Nonsaline Soils*. Science – 31(3) : 341-344.



## DAFTAR PUSTAKA

- Alrasjid, H. dan A. Widiarti, 1990. *Teknik Penanaman dan Pemungutan Hasil *Gmelina arborea**, Informasi Teknis No 11/1990. Pusat Penelitian dan Pengembangan Hutan. Bogor.
- Baon, J.B. 1994. *Growth of mycorrhizal cocoa on a red-yellow podzolic soil*. Pelita Perkebunan. (148-154).
- Baon, J.B. 1995. *Intraspecific response of *Theobroma cacao* L to mycorrhizal infection*. Proceedings of second conference on Agricultural Biotechnology. Jakarta vol 2. 377-383.
- Baon, J.B., 1997. *Peranan Mikoriza dalam Melestarikan Sumberdaya Tanah Pertanian dalam Jurnal Perlindungan dengan Sumberdaya Tanah untuk Mendukung Kelestarian Pertanian Tangguh*. Balai Penelitian Kacang-kacangan dan Umbi-umbian. Jember Edisi khusus Balitkabi. 10: 314-323.
- Baon, J.B. 1999. *Pemanfaatan jamur mikoriza arbuscular sebagai pupuk hayati dibidang perkebunan*. Workshop Mikoriza oleh Asosiasi Mikoriza Indonesia PAU Bioteknologi IPB. Bogor.
- Benyamin, L. 2000. *Dasar-dasar Fisiologi Tumbuhan*. PT. Raja Grafindo Persada. Jakarta.
- Black, R. 1980. *The role of mycorrhizal symbiosis in the nutrition of tropical plant*. In Peitsa Mikola (Eds): Tropical Mycorrhiza Research. Oxford University Press New York.
- Brady, N.C, 1984. *The nature and properties of soils*. Ninth edition. Mac Milan Publishing Company. New York.
- Brundrett, N.N. Bougher, B. Dell, T. Grove dan N. Malajczuk. 1996. *Working with Mycorrhiza in Forestry and Agriculture*. ACIAR Monograph 32. 374 +xp.
- Chen BD.; Christie, P; Li XL. 2000. *A modified glass bead compartment cultivation system for studies on nutrient and trace metal uptake by arbuscular mycorrhiza*. CHEMOSPHERE. 42(2) : 185-192.
- Copeman, R.H; C.A. Martin dan J.C Stutz. 1996. *Tomato Growth in Response to Salinity and Mycorrhizal Fungus from Saline or Nonsaline Soils*. Science – 31(3) : 341-344.



- Darmawijaya, M. I, 1980. *Klasifikasi Tanah*. Balai Penelitian Teh dan Kina Gombang. Bandung. Vi + 259p.
- Direktorat Hutan Tanaman Industri, 1992. *Teknik Pembuatan Tanaman *Gmelina arborea**, Departemen Kehutanan, Direktorat Jenderal Reboisasi dan Rehabilitasi Lahan. Jakarta.
- Ervayenri. 1998. *Studi Keanekaragaman dan Potensi Inokulom Cendawan Mikoriza Arbuskula (CMA) di Lahan Gambut (Studi Kasus di Kab. Bengkalis Prop. Riau)*. Thesis Program Pascasarjana IPB. Bogor. (Tidak dipublikasikan).
- Faridah, E. 2000. *Endomikorisa, Pengaruhnya Terhadap Pertumbuhan dan Tingkat Ketahanan Terhadap Kekeringan pada Semai Jati*. Prosiding Seminar Nasional Status Silvikultur 1999. Fakultas Kehutanan Universitas Gadjah Mada. (243-247)p.
- Fitter, A. H dan R. K. M. Hay, 1981. *Environmental physiology of plants*. Academic Press, Inc. London.
- Giovanneti, M dan V. Gianinazzi, P. 1994. *Biodiversity in arbuscular mycorrhizal fungi*. Mycol. Res (705-715)p.
- Gomez,KA dan A.A Gomez, 1984. *Statistical Procedures for Agricultural Research with Emphases on Rice*. The IRRI. Los Bannos, Leguna. Philippines.
- Habte, M dan M. Musoko, 1994. *Changes in the vesicular-arbuscular mycorrhizal dependency of *Albizia ferruginea* and *Enterolobium cyclocarpum* in response to soil phosphorus concentration*. Journal of Plant Nutrition 17 : 1769-1780.
- Hadi, S. S; Rusmilah dan J. Sutakaria, 1976. *Patogen tanaman dalam tanah dan perkembangan penyakit*. IPB. Bogor.
- Hadjib, N. 1995. *Sifat Fisis dan Mekanis Kayu *Gmelina* dan Kemungkinan Penggunaannya*. Prosiding, Ekspose Hasil Penelitian dan Pengembangan Hasil Hutan dan Sosial Ekonomi Kehutanan. Bogor.
- Hardjowigeno, S. 1993. *Klasifikasi Tanah dan Pedogenesis*. Akademik Pressindo. Jakarta.
- Harley, J. L dan S. E. Smith, 1983. *Mycorrhiza symbiosis*. Academic Press. New York.

- Janos, D.P dan G.S. Hartshorn. 1997. *Arbuscular Mycorrhizal Sustain Tropical Plant Biodiversity*. Makalah dalam The International Conference on Mycorrhizas; Mycorrhizas in Sustainable Tropical Agriculture and Forest Ecosystems. Research and Development Centre for Biology, Indonesian Institute of Sciences (LIPI). Bogor.
- Jensen, A dan J. Jakobson. 1980. *The occurrence of vesicular arbuscular mycorrhiza in barley and wheat grown in some Danish soil with different fertilizer treatments*. Plant and soil 55:403-414.
- Kahiluoto, H; Ketoja, E dan Vestberg, M. 2000. *Promotion of utilization of arbuscular mycorrhiza through reduced fertilization*. Bioassays in a growth chamber. Plant and soil. 227 (1-2): 191-206.
- Khaerudin, 1999. *Pembibitan Tanaman HTI*. PT. Penebar Swadaya. Jakarta.
- Koske, R. E dan J.N. Gemma, 1989. *A modified procedure for staining roots to detect VA mycorrhizas*. Mycol. Res (4): 486-505p.
- Kozlowski, T.T, 1971. *Growth and Development of Trees*. Academic Press. New York.
- Lamb, A.F.A., 1968. *Gmelina arborea, In fast Growing Timber Trees of The Lowland Tropics*. Commonwealth Forestry Institute. University of Oxford.
- Linderman. R.G, 1992. *Vesicular-Arbuscular Mycorrhizae and Soil Microbial Interaction*. In Mycorrhizae in sustainable Agriculture. ASA special Publication number 54. Madison, Winconsin. USA.
- Maronek, D. M; J.W. Hendrix dan J. Kienan, 1981. *Mycorrhizal Fungi and their importance in Horticultural crop Production*. Hort. Rev.3: 172-213p.
- Moerdiati, E. 1985. *Kajian pengaruh pupuk P dan N terhadap mikoriza vesicular arbuscular dalam hubungannya dengan penyediaan P, Zn dan Cu pada tanaman jagung (*Zea mays* L)*. Tesis S2 UGM.
- Mosse, B. 1981. *Vesicular Arbuscular Mycorrhiza Research for Tropical Agriculture*. Research Bull. Hawaii Institute. Tropical Agriculture Human Resources.
- Mosse, B. 1986. *Mycorrhiza in a Sustainable Agriculture*. In the Role of Micro organisms in Sustainable Agriculture. Academic Publishers. Printed in Great Britain. (105-123)p.

- Morton, J.B. dan G.L Benny. 1990. *Revised Classification of Arbuscular Anycarbival Fungi (Zycomycetes), a New Order, Glomales, Two New Suborders, Glomineae and Gigasporineae and Two New Families, Acaulosporaceae and Gigasporaceae, with an Emendation of Glomaceae*. Mycotaxon. 37: 471-491.
- Nadarajah, P. dan A. Nawawi. 1997. *Vesicular – Arbuscular Mycorrhizal Fungi on Malaysian Plantations and Grasslands*. Makalah dalam The International Conference on Mycorrhizas; Mycorrhizas in Sustainable Tropical Agriculture and Forest Ecosystems. Research and Developemnt Centre for Biologi, Indonesian Institute of Sciences (LIPI). Bogor. (Tidak dipublikasikan).
- Nyakpa, M.Y; A.M. Lubis; MA. Pulung; A.G. Amrah; A. Munawar; G.B. Hung; N. Hakim, dan H.N. Bailey. 1985. *Kesuburan Tanah BKS-PTN / USAID (University of Kantucky) WVAE*. Project. Palembang.
- Partohardjono, M.I.S dan Karama, A.S, 1991. *Fosfor peranan dan penggunaannya dalam bidang pertanian*. Balai Penelitian Tanaman Pangan. Bogor.
- Paul, E. A dan F. E. Clark. 1991. *Soil microbiology and biochemistry*. Academic Press, Inc. San Diego. New York.
- Poerwowidodo. 1991. *Gatra tanah dalam pembangunan hutan tanaman di Indonesia*. Rajawali Pers. Jakarta.
- Radjagukguk, B. 1983. *Masalah pengapuran tanah mineral masam di Indonesia. Seri monografi*. Kumpulan makalah tentang masalah kesuburan tanah-tanah mineral masam di Indonesia. Yayasan Pembina Fak Pertanian UGM. 18: 15-40.
- Ratnayake, M; R.T. Leonard dan J.A. Menge, 1978. *Root Exudation in Relation to Mycorrhizal Formation*. New Phytol. 81:543-552p.
- Riffle, J. W dan D.M. Maronek, 1982. *Ectomycorrhizal inoculation procedures for green house and nurseries*. In methods and principles of mycorrhizal research, N.C. Schank, eds. The American Phytopathological Society. St. Paul, Minnesota.
- Roller, J.K, 1977. *Suggested minimum standard for containerized seedling in Novia scotia*. Canadian Forestry Service Departement of Fisheries and Environment.

- Ruiz-Lozano, J.M dan R.Azcon. 1995. *Hyphae contribution to water up take in mycorrhizal plants as affected by the fungal species and water status*. *Physiol. Planta*. 95.
- Russell, E. W. 1973. *Soil condition and plant growth*. Longman. London.
- Sabiham, S.G. Soepardi dan S. Fjokosudardjo, 1980. *Pupuk dan Pemupukan*. Departemen Ilmu-Ilmu Tanah Fakultas Pertanian IPB. Bogor.
- Salisbury, F.B dan C.W.Ross, 1995. *Fisiologi Tumbuhan*. Jilid 3. Penerbit ITB. Bandung.
- Sanchez, P.A, 1976. *Properties and Management of Soil in the Tropics*. John Wiley and Sons. New York.
- Sawitri, 1993. *Pengaruh inokulasi jamur dan pemberian batuan fosfat terhadap pertumbuhan ektomikoriza dan endomikoriza serta efektivitasnya pada semai Eucalyptus deglupta di tanah marginal Samas*. Tesis S2 UGM.
- Sieverding, E. 1991. *Vesicular-arbuscular mycorrhiza management in tropical agrosystems*. Deutsche Gesellschaft fur technische Zusammenarbeit (GTZ). GmbH, Eachborn.
- Siman, A, Craddock, F. W dan Hudson, W. A. 1974. *The development of manganese toxicity in pasture legumes under extreme climatic conditions*. *Plant and soil*.
- Smith, S.E., dan A.J. Read. 1997. *Mycorrhizal Symbiosis*. Academic Press. UK.
- Soesilotomo, P.S, Soenarto S. dan Darli, H. 1991. *Persemaian Gmelina (Gmelina arborea Roxb) dengan Stek Cabang atau Tunas*, Duta Rimba. 133-134/XVII/1991, Jakarta, 21-24.
- Suhardi, 1989. *Pedoman kuliah mikoriza vesikular arbuscular (MVA)*. PAU Bioteknologi Universitas Gadjah Mada. Yogyakarta.
- Suhardi, 1992. *Pengaruh pemupukan, penambahan bahan arang serta inokulasi mikoriza terhadap pertumbuhan semai Dryobalanops*. Lembaga Penelitian Universitas Gadjah Mada. Departemen Pendidikan dan Kebudayaan Fakultas Kehutanan. Yogyakarta.

- Titek, I dan W. H. Utomo. 1995. *Hubungan tanah, air dan tanaman*. IKIP Semarang Press.
- Tober, R; R. Azcon dan J.M. Brea. 1994. *Improved nitrogen up take and transport from 15 N-labelled nitrate by external hyphae of arbuscular mycorrhiza under water stressed condition*. New Phytol. 126.