



DAFTAR PUSTAKA

- Adawiyah, 2009. Status dan Keanekaragaman Fungi Mikoriza Arbuskula Berdasarkan Gradient Salinitas di Hutan Pantai Pulau Pandang, Batu Bara, Sumatera Utara. Thesis Sekolah Pascasarjana Universitas Sumatera Utara. Medan. Available (online) www.repositoryusu.ac.id.
- Akilan, K, Farrel, R.C.C., Bell, D.T. dan Marshall, J.K. 1997. Responses of clonal river redg (*Eucalyptus camaldulensis*) to waterlogging by fresh and salt water. *Aust. J. Exp. Agric.* 37: 243-248.
- Al-Garni, S.M.S. 2006. Increasing NaCl-salt tolerance of a halophytic plant *Phragmites australis* by mycorrhizal symbiosis. *American-Eurasian Journal of Agricultural and Environmental Science* 1 : 119-126.
- Alguacil, M.M., Hernandez, J.A., Caravaca, F., Portillo, B. dan Roldan, A. 2003. Antioxidant enzyme activities in shoots from three mycorrhizal shrub species afforested in a degraded semi-arid soil. *Physiologia Plantarum* 118: 562- 570.
- Al-Kariki, G.N. 1997. Barley response to salts at varied levels of phosphorus. *J. Plant Nutrition* 20: 1635-1643.
- Al-Kariki, G.N. 2000. Growth of mycorrhizal tomato and mineal acquisition under salt stress, *J. Mycorrhiza* 10/2: 51-54, Available (online) www.mycorrhiza.ag.utk.edu/latest/latest00/00_9alkar1/htm.
- Al-Karaki, G.N. dan Al-Raddad, A. 1997. Effect of arbuscular mycorrhizal fungi and drought stress on growth and nutrient uptake of two wheat genotypes differing in drought resistance. *Mycorrhiza* 7: 83 – 88.
- Al-Karaki, G.N. dan Clark, R.B. 1998. Growth, mineral acquisition and water use by mycorrhizal wheat grown under water stress. *J. Plant Nutrition* 21: 263 – 276.
- Allen, E.B. dan Cunningham, G.L. 1983. Effects of vesicular-arbuscular mycorrhizae on *Distichlis spicata* under three salinity levels. *New Phytologist* 93: 227- 236.
- Asghari, H.R., Marschner, P., Smith, S.E. dan Smith, F.A. 2005. Growth Response of *Atriplex nummularia* to inoculation with arbuscular mycorrhizal fungi at different salinity levels. *Plant and Soil* 273: 245-256.
- Aslam, M. Huffaker, R.C. dan Rais D.W. 1984. Early effects of salinity on nitrate assimilation in barley seedlings. *Plant Physiology* 76: 321 – 325.
- Bakshi, B. K. 1974. Mycorrhiza and Its Role in Forestry. Project Report Forest Research Institute and Colleges. Dehra Dun, India.
- Baon, J.B. 1996. Bioteknologi Mikoriza, Pelestarian SDA di Perkebunan: Mitos, Kenyataan Ilmiah dan Tantangannya. Pusat Penelitian Kopi dan Kakao. Jember.



- Basri, H., 1991. Pengaruh Stres Garam terhadap Pertumbuhan dan Produksi Empat Varietas Kedelai. Thesis Program Pascasarjana IPB, Bogor.
- Bell, D.T., 1999. Australian Trees for The Rehabilitation of Water Logged and Salinity-Damaged Landscape. Australia. J. Bot. 47: 697-716.
- Bernstein, L. 1981. Effect of Salinity and Sodidity on Plant Growth. Annu. Rev. Phytopathol. 13: 295-312.
- Blumwald, E., Aharon, G.S. dan Apse, M.P. 2000. Sodium transport in plant cells. Biochemica and Biophysica Acta 1465: 140-151.
- Brundrett, M., Bougher N., Dell, B., Grove T. dan Malajczuk, N. 1996. Working with Micorrhizas in Forestry and Agriculture.
- Cantrell, I.C. dan Linderman, R.G. 2001. Preinoculation of lettuce and onion with VA micorrhizal fungi reduces deleterious effects of soil salinity. Plant and Soil. 233: 269-281.
- Chen, D.M., Keiper, F.J. dan De-Filippis, L.F. 1998. Physiological changes accompanying the induction of salt tolerance in *Eucalyptus microcorys* shoot and tissue culture. J. Plant Physiol. 152: 555-563.
- Cliquet, J.B. dan Stewart, G.R. 1993. Ammonia assimilation in *Zea mays* L. infected with a vesicular arbuscular mycorrhizal fungus *Glomus fasciculatum*. Plant Physiology 101: 865 – 871.
- Colla, G., Roupael, Y., Cardarelli, M., Tullio, M., Rivera, C.M. dan Rea, E. 2008. Alleviation of salt stress by arbuscular mycorrhizal in zucchini plants grown at low and high phosphorus concentration. Biology and Fertility of Soils 44: 501 – 509.
- Cordovilla, M.P., Ligerio, F., dan Luch, C., 1994. The effect of salinity on N fixation and assimilation in *Vicia faba*. J. Exp. Bot. 45: 1483-1488.
- Cramer, G.R. 2003. Differential effects of salinity on leaf elongation kinetics of three grass species. Plant and Soil 253: 233-244.
- Cramer, G.R., Lauchli, A. dan Polito, V.S. 1985. Displacement of Ca^{2+} by Na^{+} from the plasmalemma of root cells: a primary response to salt stress?. Plant Physiology 79: 207 – 277.
- Cuartero, J. dan Fernandez-Munoz. 1999. Effect of salinity on tomato. Scientia Hort. 78: 83-125
- Danneberg, G., Latus, C., Zimmer, W., Hundeshagen, B., Schneider-Poetsh, H.G., dan Bothe, H. 1992. Influence of vesicular-arbuscular mycorrhiza on phytohormone balances in maize (*Zea mays* L.). J. Plant Physiol. 141: 33-39.
- Dell'Amico, J., Torrecillas, A., Rodriguez, P., Morte, A. dan Sanchez-Blanco, M. 2002. Responses of tomato plants associated with the arbuscular mycorrhizal fungus *Glomus clarum* during drought and recovery. Journal of Agricultural Science 138: 387-393.



- Delvian. 2003. Keanekaragaman dan potensi pemanfaatan cendawan mikoriza arbuskula (CMA) di Hutan Pantai [Disertasi]. Program Pasca Sarjana, Institut Pertanian Bogor. Bogor. Available (online) www.repositoryusu.ac.id.
- Dixon, R.K., Garg, V.K. dan Rao, M.V. 1993. Inoculation of *Leucaena* and *Prosopis* seedlings with *Glomus* and *Rhizobium* species in saline soil: rhizosphere relations and seedlings growth. *Arid Soil Research and Rehabilitation* 7: 133 -144.
- Duan, X., Newman, D.S., Reibe, J.M., Green, C.D., Saxton, A.M. dan Auge, R.M. 1996. Mycorrhizal influence on hydraulic and hormonal factors implicated in the control of stomatal conductance during drought. *Journal of Experimental Botany* 47: 1541 – 1550.
- Ehrpala, R. N. 2009. Pemanfaatan Zeolit Dan Fungi Mikoriza Arbuskula (FMA) Untuk Meningkatkan Pertumbuhan dan Produksi Kedelai (*Glycine Max* (L.) Merrill) Di Tanah Salin. Skripsi Departemen Budidaya Pertanian Fakultas Pertanian Universitas Sumatera Utara Medan. Available (online) www.repositoryusu.ac.id.
- El-Desouky, S.A. dan Atawia, A.A.R. 1998. Growth performance of citrus rootstocks under saline conditions. *Alexandria Journal of Agricultural Research* 43: 231 -254.
- Erdy, S., Turjaman, M. dan Irianto, R. S. B. 2006. Aplikasi Mikoriza untuk Meningkatkan Kegiatan Rehabilitasi Hutan dan Lahan Terdegradasi. Makalah Utama pada Ekspose Hasil-hasil Penelitian: Konservasi dan Rehabilitasi Sumber Daya Hutan. Padang, 20 September 2006. Available (online) www.dephut.go.id/files/Erdy.pdf.
- Essa, T. A. 2002. Effect of salinity stress on growth and nutrient composition of three soybean (*Glycine max* L. Merrill) cultivars. *J. Agro Crop. Sci* 188: 86-93.
- Evelin, H., Kapoor, R. dan Giri, B. 2009. Arbuscular mycorrhizal fungi in alleviation of salt stress: a review. *J. Annals of Botany* 104: 1263-1280.
- Faiqoh, N. 2004. Bahan Praktikum: Bekerja dengan Cendawan Mikoriza Arbuskula di Daerah Tropik (Metode Dasar Penelitian CMA). Lab. Bioteknologi Hutan dan Lingkungan, Pusat Penelitian Bioteknologi, IPB. dalam Workshop Mikoriza “Teknik Produksi Bibit Tanaman Bermikoriza”.
- Fakuara, Y.M. dan Y. Setiadi. 1990. Aplikasi Mikroba dalam Pembangunan Hutan Tanaman Industri. Prosiding Seminar Bioteknologi Hutan. Fakultas Kehutanan UGM, Yogyakarta.
- FAO, 2010. 20 Hal untuk Diketahui tentang Dampak Air Laut pada Lahan Pertanian di propinsi NAD. Panduan lapang FAO, Available (online) = <[http://www.fao.org/ag/tsunami/docs/things on salinity Bahasa.pdf](http://www.fao.org/ag/tsunami/docs/things_on_salinity_Bahasa.pdf)>



- Faridah, E., 2004. Molecular and Physiological Studies of Salt Tolerance in Eucalyptus. School of Forest and Ecosystem Science. The University of Melbourne. Disertasi tidak dipublikasikan.
- Feng, G., Zhang, F.S., Li Xi., Tian, C.Y., Tang, C. dan Rengel, Z. 2002. Improved tolerance of maize plants to salt stress by arbuscular mycorrhiza is related to higher accumulation of soluble sugars in roots. *Mycorrhiza* 12: 185 – 190.
- Founoune, H., Duponnis, R., Ba, A.M. dan Ei Bouami, F. 2002. Influence of the dual arbuscular endomycorrhizal/ectomycorrhizal symbiosis on the growth of *Acacia holosericea* (A. Cunn. ex G. Don) in glasshouse conditions. *Annals of Forest Science* 59: 93 – 98.
- Frechill, S., Lasa, B., Ibarretxe, L., Lamsfus C. dan Aparicio Trejo, P. 2001. Pea response to saline stress is affected by the source of nitrogen nutrition (ammonium or nitrate). *Plant Growth Regulators* 35: 171 – 179.
- Fricke, W. Dan Peters, W.S. 2002. The biophysics of leaf growth in salt-stressed barley. a study at the cell level. *Plant Physiol.* 129: 374-388.
- Fuzy, Biro, B., Toth, T., Hildebrandt, U. dan Bothe, H. 2008. Drought, but not salinity, determines the apparent effectiveness of halophytes colonized by arbuscular mycorrhizal fungi. *Journal of Plant Physiology* 165: 1181-1192.
- Ghassemi, F., Jakeman, A.J. dan Nix, H.A. 1995. Salination of Land and Water Resources: Human Causes, Extent, Management and Case Studies. University of New South Wales. Sydney.
- Giri, B., Kapoor, R. dan Mukerji, K.G. 2003. Influence of arbuscular mycorrhizal fungi and salinity on growth, biomass and mineral nutrition of *Acacia auriculiformis*. *Biology and Fertility of Soils* 38: 170 – 175.
- Giri, B. dan Mukerji, K.G. 2004. Mycorrhizal inoculant alleviates salt stress in *Sesbania aegyptiaca* and *Sesbania grandiflora* under field conditions: evidence for reduced sodium and improved magnesium uptake. *Mycorrhiza* 14: 307-312.
- Giri, B., Kapoor, R. dan Mukerji, K.G. 2007. Improved tolerance of *Acacia nilotica* to salt stress by arbuscular mycorrhiza, *Glomus fasciculatum*, maybe partly related to elevated K^+/Na^+ ratios in root and shoot tissues. *Microbial Ecology* 54: 753-760.
- Greenway, H. dan Munns, R. 1980. Mechanisms of salt tolerance in nonhalophytes. *Annu. Rev. Plant Physiol* 31: 149-190.
- Grieve, C.M. dan Shannon, M.C. 1999. Ion accumulation and distribution in shoot components of salt-stressed *Eucalyptus* clones. *J. Amer. Soc. Hort. Sci.* 124: 559-563.
- Gupta, R. dan Krisnamurthy, K.V. 1996. Response of mycorrhizal and nonmycorrhizal *Arachis hypogaea* to NaCl and acid stress. *Mycorrhiza* 6: 145-149



- Gusmeizal. 1997. Pengujian toleransi bibit beberapa klon karet dengan dan tanpa inokulasi CMA terhadap tingkat salinitas tanah. Thesis Program Pasca Sarjana Universitas Sumatera Utara. Medan. Tidak dipublikasikan.
- Hardjowigeno, S. 1995. Ilmu Tanah. Jakarta. Akademika Pressindo.
- Harley, J.L. 1979. The Biology of Mycorrhiza. Plant Science Monographs. Leonard Hill. London.
- Harjadi, S.S. dan S. Yahya, 1988. Fisiologi Stres Lingkungan. PAU Bioteknologi. Institut Pertanian Bogor.
- Harum, F. dan S. Moestrup. 2010. Pedoman Pembuatan Persemaian Pohon untuk Petani. Denmark: Forest & Landscape. Diakses melalui web pada 27 Oktober 2010. http://en.sl.kvl.dk/upload/nursery_indonesian_net.pdf.
- Hatimi, A. 1999. Effect of salinity on the association between root symbionts and *Acacia cyanophylla* Lind.: growth and nutrition. J. Plant and Soil 216: 93-101.
- Hawksworth, D.L., Sutton, B.C. dan Ainsworth, G.C. 1983. Dictionary of Fungi, Seventh edition. Commonwealth of Mycological Institute, Kew, Surrey, England.
- Hirrel, M.C. dan Gerdemann, J.W. 1980. Improved growth of onion and bell pepper in saline soil by two vesicular-arbuscular mycorrhizal fungi. Soil Sci. Soc. Am. J. 44: 654-655.
- Jahromi, F., Aroca, R., Porce, R. dan Ruiz-Lozano, J.M. 2008. Influence of salinity on the in vitro development of *Glomus intraradices* and on the in vivo physiological and molecular responses of mycorrhizal lettuce plants. Microbial Ecology 55: 45-53.
- Jarstfer, A.G., Farmer-Koppenol, P. dan Sylvia, D.M. 1998. Tissue magnesium and calcium affect mycorrhiza development and fungal reproduction. Mycorrhiza 7: 237 – 242.
- Jindal, V., Atwal, A., Sekhon, B.S. dan Singh, R. 1993. Effect of vesicular-arbuscular mycorrhizae on metabolism of moong plants under NaCl salinity. Plant Physiology and Biochemistry 3 : 475 – 481.
- Juelich, W., 1988. Dipterocarpaceae and Micorrhiza. German Forestry Group (GFG) Report.
- Juniper, S. dan Abbott, L.K. 1993. Vesicular-arbuscular mycorrhizas and soil salinity. Mycorrhiza 4 : 45-57.
- Karepesina, S., 2007. Keanekaragaman Fungi Mikoriza Arbuskula dari Bawah Tegakan Jati Ambon (*Tectona grandis* Linn. f.) dan Potensi Pemanfaatannya. Tesis Sekolah Pascasarjana IPB. Bogor. Tidak Dipublikasikan.
- Kozlowski, T.T. 1997. Responses of woody plants to flooding and salinity. Tree Physiology 1:1-22.



- Levitt, J. 1980. Responses of Plant to Environmental Stresses. Vol II. Academic Press. New York.
- Lines and Kelly, R. 2000. Soil sense: Soil management for NSW North Coast farmers. NSW Agriculture & Land and Water Conservation, Wollongbar.
- Lozano, J.M.R. dan Azcon, R. 2000. Symbiotic efficiency and effectivity of an autochthonous arbuscular mycorrhizal *Glomus* sp. from saline soils and *Glomus deserticola* under salinity. *Mycorrhiza* 10/3: 137-143.
- Manan, S., 1976. Silvikultur. Lembaga Kerjasama Fakultas Kehutanan Institut Pertanian Bogor, Bogor.
- Marcar, N.E. 1993. Waterlogging modifies growth, water use and ion concentration in seedlings of salt treated *Eucalyptus camaldulensis*, *Eucalyptus tereticornis*, *eucalyptus robusta* and *Eucalyptus globulus*. *Aust. J. Plant Physiol.* 20: 1-13.
- Maroeto, Arifin, M. dan Sutoyo. 2007. Identifikasi dan diagnose sifat kimia tanah salin untuk kesesuaian tanaman cemara udang (*Casuarina equisetifolia*). *Jurnal Pertanian Mapeta* 10: 13-23
- Mengel, K. dan Kirkby, E.A., 1987. Principles of Plant Nutrition. International Potash Institute: Bern.
- Matamoros, M.A., Baird, L.M. dan Escuredo, P.R. 1999. Stress-induced legume root nodule senescence: physiological, biochemical and structural alterations. *Plant Physiology* 121: 97 – 111.
- Morabito, D., Mills, D., Prat, D. dan Dizengremel, P. 1994. Response of clonal eucalyptus *microtheca* to NaCl in vitro. *Tree Physiol* 14: 201-210.
- Morgan, J.M. 1984. Osmoregulation and water stress in higher plants. *Annual Review of Plant Physiology* 33: 299 – 319.
- Munns, R. 1993. Physiological processes limiting plant growth in saline soils: some dogmas and hypotheses. *Plant Cell Environ.* 16: 15-24.
- Munns, R. 2002. Comparative physiology of salt and water stress. *Plant Cell Environ.* 25: 239-250.
- Munns, R., Passioura, J.B., Guo, J., Chazen, O. Dan Cramer, G.R. 2000. Water relation and leaf expansion: importance of time scale. *J. Exp. Bot.* 51: 1495-1504.
- Murkute, A.A., Sharma, S. dan Singh, S.K. 2006. Studies on salt stress tolerance of citrus rootstock genotypes with arbuscular mycorrhizal fungi. *Horticultural Science* 33: 70 – 76.
- Nasjono, J.K. 2010. Pola penyebaran salinitas pada akuifer pantai pasir panjang, kota Kupang, NTT. *J. Bumi Lestari* 10/ 2: 263-269.
- Nemec, S. 1981. Histochemical characterization of *Glomus etunicatum* infection of *Citrus limon* roots. *Canadian Journal of Botany* 59: 609-617.



- Plenchette, C. dan Dupponois, R. 2005. Growth response of the salt brush *Atriplex numularia* L. to inoculation with the arbuscular mycorrhizal fungus *Glomus intraradices*. *Journal of Arid Environments* 61: 535-540.
- Pond, E.C., Menge, J.A. dan Jarrel, W.M. 1984. Improved growth of tomato in salinized soil by vesicular-arbuscular mycorrhizal fungi collected from saline soil. *Mycologia*. 76: 74-84.
- Porcel, R. dan Ruiz-Lozano, J.M. 2004. Arbuscular mycorrhizal influence on leaf water potential, solute accumulation and oxidative stress in soybean plants subjected to drought stress. *Journal of Experimental Botany* 55: 1743-1750.
- Poss, J.A., Pond, E., Menge, J.A. dan Jarrel W.M. 1985. Effect of salinity on mycorrhizal onion and tomato in soil with and without additional phosphate. *Plant Soil*. 88: 307-319.
- Provin and Pitt, 1980. *Managing Soil Salinity*. Texas Agricultural Extension Service. Dikutip dari <http://texaserc.tamu.edu>.
- Pujiyanto, 2001. Pemanfaatan Jasad Mikro Jamur Mikoriza dan Bakteri dalam Sistem Pertanian Berkelanjutan di Indonesia: Tinjauan dari Perspektif Falsafah Sains. Available (online) <http://www.hayati-ipb.com/user/rudict/indiv2001/pujiyanto.htm>
- Puryono, S.K.S. 1993. Pengaruh Jenis Media dan Naungan serta Inokulasi Jamur Mikoriza terhadap Pertumbuhan Semai Ulin (*Eusideroxylon zwageri*). Tesis Magister Fakultas Kehutanan Jurusan Ilmu-ilmu Pertanian UGM, Yogyakarta. Radjagukguk, B. 1992. Kumpulan Bahan Kuliah Kesuburan Tanah dan Pemupukan. Program Pasca Sarjana UGM, Yogyakarta.
- Rabie, G.H. dan Almadini, A.M. 2005. Role of bioinoculants in development of salt-tolerance of *Vicia faba* plants under salinity stress. *African Journal of Biotechnology* 4: 210 – 222.
- Rachman, A., Erfandi, D. Dan Ali, M.N. 2008. Dampak Tsunami Terhadap Sifat-sifat Tanah Pertanian di NAD dan Strategi Rehabilitasinya. *Jurnal Tanah dan Iklim* No.28. Available (online) <http://www.balittanah.litbang.deptan.go.id>.
- Rawat, J.S. dan Banerjee, S.P. 1998. The influence of salinity on growth, biomass production and photosynthesis of *Eucalyptus Camaldulensis* Dehnh and *Dalbergia Sissoo* Roxb. seedlings. *Plant and Soil* 205: 163-169.
- Riptopermono, 1971. Pertumbuhan Anakan Semai *Pinus merkusii* di Bawah Pengaruh Pohon Induk *Pinus merkusii*. Skripsi Fakultas Kehutanan IPB. Bogor. Tidak Dipublikasikan.
- Rogers, M.E., Grieve, C.M. dan Shannon, M.C. 2003. Plant growth and ion relation in lucerne (*Medicago sativa* L.) in response to the combined effects of NaCl and P. *Plant and Soil* 253: 187-194.



- Rosendahl, C.N. dan Rosendahl, S. 1991. Influence of vesicular-arbuscular mycorrhizal fungi (*Glomus* spp.) on the response of cucumber (*Cucumis sativus* L.) to salt stress. *Environmental and Experimental Botany* 31: 313–318.
- Ruiz-Lozano, J.M. 2003. Arbuscular mycorrhizal symbiosis and alleviation of osmotic stress: new perspectives for molecular studies. *Mycorrhiza* 13: 309 – 317.
- Ruiz-Lozano, J.M. dan Azcon, R. 2000. Symbiotic efficiency and infectivity of an autochthonous arbuscular mycorrhizal *Glomus* sp. from saline soils and *Glomus deserticola* under salinity. *Mycorrhiza* 10: 137 – 143.
- Ruiz-Lozano, J.M., Azcon, R. dan Gomez, M. 1996. Alleviation of salt stress by arbuscular-mycorrhizal *Glomus* species in *Lactuca sativa* plants. *Physiologia Plantarum* 98: 767-772.
- Salisbury, F.B. dan Ross, C.W. 1995. Fisiologi Tumbuhan. Diterjemahkan oleh D.R. Lukman dan Sumartono. Penerbit ITB, Bandung.
- Sannazzaro, A.I, Echeverria, M., Alberto, E.O., Ruiz, O.A. dan Menendez, A.B. 2007. Modulation of polyamine balance in *Lotus glaber* by salinity and arbuscular mycorrhiza. *J. Plant Physiology and Biochemistry* 45: 39 – 46.
- Setiadi, Y. 2001. Peranan Mikoriza Arbuskula dalam Reboisasi Lahan Kritis di Indonesia. Makalah Seminar Penggunaan CMA dalam Sistem Pertanian Organik dan Rehabilitas Lahan. Bandung. 21-23 April 2001.
- Serrano, R.C. 1985. Mycorrhiza and Rhizobium. Beneficial Microorganisms for Reforestation and Agroforestry. *NSTA Tech.* 21:35
- Sharifi, M., Ghorbanli, M. dan Ebrahimzadeh, H. 2007. Improved growth of salinity-stressed soybean after inoculation with pre-treated mycorrhizal fungi. *J. Plant Physiology* 164: 1144 – 1151.
- Sheng, M., Tang, M., Chan, H., Yang, B., Zhang, F. dan Huang, Y. 2008. Influence of arbuscular mycorrhizae on photosynthesis and water status of maize plants under salt stress. *Mycorrhiza* 18: 287 – 296.
- Shi, H., Ishitani, M., Kim, C. dan Zhu, J-K. 2000. The *Arabidopsis thaliana* salt tolerance gene *SOS 1* encodes putative Na⁺/H⁺ antiporter. *Proc. Natl. Acad. Sci. USA* 97: 6896-6901.
- Shokri, S. and Maadi, B. 2009. Effects of arbuscular mycorrhizal fungus on the mineral nutrition and yield of *Trifolium alexandrium* plants under salinity stress. *Journal of Agronomy* 8 : 79 – 83.
- Siradz, S.A. dan Kabirun, S. 2007. Pengembangan lahan marginal pesisir pantai dengan bioteknologi masukan rendah. *Jurnal Ilmu Tanah dan Lingkungan. Jurusan Tanah, Fakultas Pertanian UGM.* 7 : 83-92.
- Smith, S.E. dan Read, D.J. 1997. *Mycorrhizal Symbiosis*. Ed. ke-2. Academic Press. San Diego. USA.



- Smith, W.T.M., Leppe, D. dan Noor, M. 1988. Metode Inokulasi untuk Persemaian Dipterocarpaceae. Asosiasi Panel Kayu Indonesia, Jakarta.
- Subiksa, I.G.M., 2003, Pemanfaatan Mikoriza untuk Penanggulangan Lahan Kritis, Available(online)=<http://www.rudyct.com>> 10 Januari 2011.
- Suhardi, 1986. Pengembangan Teknologi Mikoriza di Indonesia. Seminar dan Reuni IV Fakultas Kehutanan UGM, Yogyakarta.
- , 1992. Pengaruh Pemupukan, Penambahan Arang serta Inokulasi Mikoriza terhadap Pertumbuhan Semai *Dryobalanops*. Fakultas Kehutanan. Lembaga Penelitian UGM. Yogyakarta.
- Sulistiani R., 2010. Respons Pertumbuhan dan Produksi Beberapa Varietas Padi (*Oryza Sativa* L.) Akibat Pemberian Amandemen Bokashi Jerami dan Pemupukan Spesifik Lokasi pada Tanah Salin. Tesis Program Studi Agroekoteknologi Program Pascasarjana Fakultas Pertanian, Universitas Sumatera Utara. Medan
- Sunarto, (2001). Toleransi kedelai terhadap tanah salin. Buletin Agronomi. (29) (1) 27 – 30.
- Tester, M. dan Davenport, R. 2003. Na⁺ tolerance and Na⁺ transport in higher plant. *Annals of Botany* 91: 503-527.
- Tsang, A. dan Maun, M.A. 1999. Mycorrhizal fungi increase salt tolerance of *Strophostyles helvola* in coastal foredunes. *Plant Ecology* 144: 159-166.
- Turjaman, M., Irianto, R.S.B., Sitepu, I.R., Widyati, E., Santoso, E. dan Mas'us, A.F. 2003. Aplikasi Bioteknologi Cendawan Mikoriza Arbuskula *Glomus manihotis* dan *Glomus aggregatum* sebagai Pemacu Pertumbuhan Semai Jati (*Tectona grandis* Linn. f.) Asal Jatirogo di Persemaian. Pusat Penelitian dan Pengembangan Hutan dan Konservasi Alam. Bogor.
- White, P.J. dan Broadley, M.R. 2001. Chloride in soils and its uptake and movement within the plant: a review. *Annals of Botany* 88: 967- 988.
- Yeo, A. 1998. Molecular biology of salt tolerance in the context of whole-plant physiology. *J. Exp. Bot* 49: 915-929.
- Zuccarini, P. dan Okurowska, P. 2008. Effects of mycorrhizal colonization and fertilization on growth and photosynthesis of sweet basil under salt stress. *J. Plant Nutrition* 31: 497 – 513.