

DAFTAR PUSTAKA

- Anonim. 2008. Badan Penelitian dan Pengembangan Pertanian. <http://www.litbang.pertanian.go.id/>. Diakses 28 Desember 2016.
- Bolan, N.S. 1991. A critical review on the role of mycorrhizal fungi in the uptake of phosphorus by plants. *Plant Soil* 134: 189–207.
- Brundrett, M., dan Juniper S. 1995. Non-destructive assessment of spore germination of VAM fungi and production of pot cultures from single spore. *Journal of Soil Biology Biochemistry*: 85–91.
- Cameron, D.D. 2010. Arbuscular mycorrhizal fungi as (agro)ecosystem engineers. *Journal Plant Soil* 333:1-5.
- Charvat, I. 1988. Methods to process and identify symbiotic fungi in the roots of vascular plants. Department of Botany University of Minnesota, USA.
- Dalpe, Y. dan Monreal. M. 2004. Arbuscular mycorrhiza inoculum to support sustainable cropping systems. online [http:// www. Plantmanagementnetwork org/ pub /cm /review/2004/ JMAungi](http://www.Plantmanagementnetwork.org/pub/cm/review/2004/JMAungi).
- Declerck, S Stullu D.G. dan Plenchette. C. 1998. Monoxenic culture of the intraradical forms of *Glomus sp.* isolated from a tropical ecosystem: a proposed methodology for germplasm collection. *Mycologia* 90:579–585.
- De Souza, Francisco Adriano dan Stéphane Declerck. 2003. Mycelium development and architecture, and spore production of *Scutellospora reticulata* in monoxenic culture with Ri T-DNA transformed carrot roots. *Mycologia*: 1-10.
- Direktorat Jenderal Perkebunan. 2015. Statistik Perkebunan Indonesia: Lada. Penelitian dan Pengembangan Tanaman Industri: Bogor.
- Direktorat Jenderal Perkebunan, Kementerian Pertanian. 2015. <http://www.pertanian.go.id/Indikator/tabel-3-prod-lsareal-prodvitas-bun.pdf>. Diakses 28 Desember 2016.
- Douds, D.D. dan P.D. Millner. 1999. Biodiversity of arbuscular mycorrhizal fungi in agroecosystems. *Journal of Agriculture, Ecosystems, and Environment*:77–93.
- Dugassa, D. G., G. Grunewaldt-Stocker., dan F. Schonbeck. 1995. Growth of *Glomus intraradices* and its effect on linseed (*Linum usitatissimum* L.) in hydroponic culture. Springer-Verlag: 279-282.

- Elmes, R.P., dan Mosse. B. 1984. Vesicular-arbuscular endomycorrhizal inoculum production II Experiments with maize (*Zea mays*) and other hosts in nutrient flow culture. *Can J Bot* 62:1531–1536.
- Elsen, Annemie., Stephane Declerck., dan Dirk De Waele. 2003. Use of Root Organ Cultures To Investigate the Interaction between *Glomus intraradices* and *Pratylenchus coffeae*. *Applied and Environmental Microbiology*: 4308–4311.
- Feldmann, F. dan E. Idczak. 1992. Inoculum production of vesicular-arbuscular mycorrhizal fungi for use in tropical nurseries. *Methods Microbiology*: 339-357.
- Ferguson, J.J. dan Woodhead. S.H. 1982. Production of endomycorrhizal inoculum, A increase and maintenance of vesicular-arbuscular mycorrhizal fungi, in Schenck, N.C. *Journal of American Phytopathological Society*: 47-54.
- Ganeshamurthy, Arakalagud Nanjundaiah dan T. R. Rupa. 2017. Isolation and Characterization of Arbuscular Mycorrhizal Fungi and Their Role in Plants Growing Under Harsh Environments. *Mycorrhiza News*: 1-21.
- Gunwal, I., Sharma. K.C., dan Mago P. 2014. Spore density and root colonization by arbuscularmycorrhizal fungi in Heavy-Metal-Contaminated Soils. *IOSR Journal of Pharmacy and Biological Sciences*: 49-53.
- Hawkins, H.J. dan E. George. 1997. Hydroponic culture of the mycorrhizal fungus *Glomus mosseae* with *Linum usitatissimum* L., *Sorghum bicolor* L. and *Triticum aestivum* L. *Plant and Soil*: 143–149.
- Helgason, T., Merryweather, J.W., Denison, J., Wilson, P., Young, J.P.W., dan Fitter, A.H. 2002. Selectivity and functional diversity in arbuscular mycorrhizas of co-occurring fungi and plants from a temperate deciduous woodland. *Journal of Ecology* 90: 371-384.
- Huang, R.S. dan Tang. C.S. 1988. Production of vesicular arbuscular mycorrhizal sporocarps, *Glomus aggregatum* on fiberglass screen. *Journal of Plant Soil*: 233-235.
- Jarstfer, A.G., dan Sylvia. D.M. 1995. Aeroponic culture of VAM fungi. In: Varma A, Hock B (eds) *Mycorrhiza*. Springer, Heidelberg: 427–441.
- Johnson, D., P.J. Vandenkoornhuyse, J.R. Leake, L. Gilbert, R.E. Booth, J.P. Grime, J.P.W. Young, dan D.J. Read. 2003. Plant communities affect arbuscular mycorrhizal fungal diversity and community composition in grassland microcosms. *New Phytologist* 161: 503–515.
- Joshi, Mohini dan Deshpande. J.D. 2010. Polymerase Chain Reaction: methods, principle, and application. *International Journal of Biomedical Research*: 81-97.

- Kania, R. 2012. Analisis Daya Saing Ekspor Lada Indonesia di Pasar Internasional. Universitas Siliwangi, Tasikmalaya.
- Lee, Jaikoo., Sang-Hyeon, Park., dan Ahn-Heum, Eom. 2006. Molecular identification of Arbuscular Mycorrhizal Fungal spores collected in Korea. *Journal of Mycobiology*: 7-13.
- Lee, J., S. Lee, dan J.P.W. Young. 2008. Improved PCR primers for the detection and identification of arbuscular mycorrhizal fungi. *FEMS Microbiology Ecology* 65(2): 339–349.
- Liu, Q., Loganathan, P., Hedley, M. J. dan Skinner, M. F. 2004. The mobilisation and fate of soil and rock phosphate in the rhizosphere of ectomycorrhizal *Pinus radiata* seedlings in an Allophanic soil. *Plant and Soil*: 219-229.
- Mala, W.J., I.S. Kumari, H.A. Sumanasena dan C.M. Nanayakkara. 2010. Effective spore density of *Glomus mosseae*, Arbuscular Mycorrhiza (AM), for inoculation of rooted cuttings of Black Pepper (*Piper nigrum* L). *Tropical Agricultural Research*:189-197.
- Millner, P.D., dan Kitt D.G. 1992. The Beltsville method for soilless production of vesicular arbuscular mycorrhizal fungi. *Mycorrhiza* 2: 9–15.
- Moreira, Bruno Coutinho., Ana Lúcia Rodrigues., Sabrina Feliciano Oliveira., Paulo Sérgio Balbino Miguel., Denise Mara Soares Bazzolli., Sidney Luiz Stürmer., dan Maria Catarina Megumi Kasuya. 2015. Arbuscular mycorrhizal fungi in the *Jatropha curcas* rhizosphere. *African Journal of Microbiology Research*: 1060-1074.
- Morton, J. B. dan Benny, G. L. 1990. Revised classification of arbuscular mycorrhizal fungi (Zygomycetes): A new order, Glomales, two new suborders, Glomineae and Gigasporineae, and two new families, Acaulosporaceae and Gigasporaceae, with an emendation of Glomaceae. *Mycotaxon* 37: 471-492.
- Morton, J. B. dan Redecker, D. 2001. Two new families of Glomales, Archaeosporaceae and Paraglomaceae, with two new genera Archaeospora and Paraglomus, based on concordant molecular and morphological characters. *Mycologia*: 181-195.
- Mosse, B. dan Thompson. J.P. 1984. Vesicular arbuscular endomycorrhizal fungi (Glomales, Zygomycetes) and their role defining taxonomic and metataxonomic groups. *Journal of Plant Soil*: 47-59.
- Panwar, Jitendra., Jagadish C. Tarafdar, Ranjeet S. Yadav, Vinod K. Saini, Gajendra K. Aseri, dan Anil Vyas. 2007. Technique for visual demonstration of germinating arbuscular mycorrhizal spores and their multiplication in pots. *Journal of Plant Nutrition Soil Science*: 659–663.
- Redecker, D., Thierfelder, H., Walker, C. dan Werner, D. 1997. Restriction analysis of PCR-amplified internal transcribed spacers of ribosomal DNA as a tool for species identification in different genera of the order Glomales. *Journal of Applied Environment Microbiology*: 1756-1761.

- Sadhana, B. 2014. Arbuscular mycorrhizal fungi (JMA) as a biofertilizer - a review. *International Journal Microbiology Applied Science*: 384-400.
- Sasvari, Zita., Franco Magurno., Dora Galanics., Tran Thi Nhu Hang., Tran Thi Hong Ha., Nguyen Dinh Luyen., Le Mai Huong., dan Katalin Posta. 2012. Isolation and identification of Arbuscular Mycorrhizal Fungi from agricultural fields of Vietnam. *American Journal of Plant Sciences*: 1796-1801.
- Schussler, A., Schwarzott, D., dan Walker, C. 2001. A new fungal phylum, the Glomeromycota: phylogeny and evolution. *Mycological Research* 105: 1413-1421.
- Shamini, S. dan K. Amutha. 2014. Techniques for extraction of arbuscular mycorrhizal fungi spores. *International Journal Of Frontiers In Science And Technology*: 1-6.
- Syafruddin, Syafruddin., Syakur Syakur., dan Teti Arabia. 2016. Propagation Techniques of Mycorrhizal Bio-fertilizer with Different Types of Mycorrhiza Inoculant and Host Plant in Entisol Aceh. *International Journal of Agricultural Research*: 69-76
- Symanczik, S., J. Błaszowski, S. Koegel, T. Boller, A. Wiemken, dan M.N. Al-Yahya'ei. 2014. Isolation and identification of desert habituated arbuscular mycorrhizal fungi newly reported from the *Arabian Peninsula*. *Journal Arid Land* 6:488–497.
- Tahat, M. M., S. Kamaruzaman, O. Radziah, J. Kadir, dan H. N. Masdek. 2008. Plant host selectivity for multiplication of *Glomus mosseae* spore. *International Journal of Botany*. 4: 466-470.
- Thanuja, T. V., Ramakrishna V Hedge., dan M. N. Sreenivasa. 2002. Induction of rooting and root growth in black pepper cuttings (*Pipper nigrum* L) with the inoculation of arbuscular mycorrhiza. *Scientia Horticultura*: 339-346.
- Taylor, D.L., W.A. Waltersb, N.J. Lennonc, J. Bochicchioc, A. Krohnd, J.G. Caporasod, and T. Pennanene. 2016. Accurate Estimation of Fungal Diversity and Abundance through Improved Lineage-Specific Primers Optimized for Illumina Amplicon Sequencing. *Applied Environment Microbiology*. 82(24): 7217-7226
- Van Alten, H., B. Blal., J.C. Dodd., F. Feldmann., dan M. Vosatka. 2002. Quality control of arbuscular mycorrhizal fungi inoculum in Europe. *Mycorrhizal Technology in Agriculture*: 1-16.
- Vink, S.N., R. Neilsona, D. Robinson., dan T.J. Daniella. 2009. The effect of moisture and plant communities on the mycorrhizal community structure in a low input agricultural system. *Environment Plant Interactions, SCRI, Dundee*.
- Walker C, Vestberg M. 1998. Synonymy amongst the arbuscular mycorrhizal fungi: *Glomus claroideum*, *G. maculosum*, *G. multisubstensum* and *G. stulosum*. *Annals of Botany* 82: 601-624.