

## DAFTAR PUSTAKA

- Anas, I. 1990. Metode Penelitian Cacing Tanah dan Nematoda. Departemen Pendidikan dan Kebudayaan, Direktorat Jendral Pendidikan Tinggi, Pusat Antar Universitas Bioteknologi, IPB. Bandung.
- Anderson, J.M. 1988. Spatiotemporal Effects of Invertebrates On Soil Processes. *Biology and Fertility of Soil* 6, 216-227.
- Anshari. 2011. Laju Dekomposisi dan Mineralisasi Nitrogen Biomassa Kelapa Sawit (*Elaeis guineensis Jacq*). Skripsi S1.Fakultas Pertanian Universitas Brawijaya. Malang
- Baharudin AS, M. Wakisaka, Y. Shirai, S. Abd-Aziz, N.A.Abdul Rahman, M.A. Hassan. 2009. Composting of Empty Fruit Bunch and Partially Treated Palm Oil Mill Effluent in Pilot Scale. *International Journal of Agricultural Reasearch* 4 (2). 69-78.
- Bignell D. E, E. Widodo, F.X. Susilo and H. Suryo.2008. Ground Dwelling Ants, Termites,Other Macroarthropods and Eathworms. Available at [www.asb.cgiar.org/pdfwebdocs/Biodiv%20Study%20WG%20re\\_ports/C-Sec7.pdf](http://www.asb.cgiar.org/pdfwebdocs/Biodiv%20Study%20WG%20re_ports/C-Sec7.pdf). Diakses Tanggal 2 Februari 2013.
- Blanchart, E, A. Albrecht, J.Alegre, A. Duboisset, C. Villenave, B. Pashanasi, I. Barois, P. Lavelle and L. Brussard. 1999. Effects of Earthworms on Soil Structure and Physical Properties, Earthworms Management in Tropical Agro-ecosystem. In P. Lavelle, L. Brussard a nd P.Hendrix, eds. CABI Publishing. London.
- Chintu, R., A.R. Zaharah, and A.K. Wan Rasidah. 2004. Decomposition and Nitrogen Release Pattern of Paraserianthes falcataria Tree Residues under Controlled Incubation. *Agroforestry Systems* 63: 45-52, 2004
- Curry, J.P. 1998. Factors Affecting Earthworm Abundance In Soils. United States of America.
- Darnoko, D dan T. Sembiring. 2005. Sinergi antara perkebunan kelapa sawit dan pertanian tanaman pangan melalui aplikasi kompos TKS untuk tanaman padi. Pertemuan Teknis Kelapa Sawit 2005: Peningkatan Produktivitas Kelapa Sawit Melalui Pemupukan dan Pemanfaatan Limbah PKS. Medan.
- Departemen Pertanian. 2006. Pedoman Pengelolaan Limbah Industri Kelapa Sawit. Subdit Pengelolaan Lingkungan Direktorat Pengelolaan Hasil Pertanian Ditjen PPHP. Jakarta.
- Departemen Pertanian. 2008. Kelapa Sawit. Available at [http://ditjenbun.deptan.go.id/benihbun/benih/images/pedomanlimbah\\_buku-nop.pdf](http://ditjenbun.deptan.go.id/benihbun/benih/images/pedomanlimbah_buku-nop.pdf). Diakses Tanggal 2 Februari 2013.
- Dewi, W. S, 2007. Alih guna hutan menjadi lahan pertanian: Perubahan diversitas cacing tanah dan fungsinya dalam mempertahankan pori makro tanah. Disertasi, Universitas Brawijaya. 223 p.

- Dindal, D.L. 1990. Soil Biology Guide John Wileyand Son. Canada.
- Effendi, Erika K.F. 2013. Pengaruh Pemberian Janjang Kosong terhadap Porositas Tanah Lom Berpasir dan Tanah Lom Berklei. Skripsi S-1. Fakultas Pertanian. Universitas Brawijaya. Malang.
- Edwards, C.A., and P.J. Bohlen. 1996. Biology and ecology of earthworm. 3rd ed. Chapman and Hall, London.
- Edwards, C.A., and J.R. Lofty. 1977. Biology of earthworms. 2nd ed. worm population, and decomposition rate. The high-Chapman and Hall, London.
- Engelstad, F. 1991. Impact of Eartworm in Decomposition of Garden Refuse, Biol Fertil. Soil Springer-verlag No. 12 : 137-140.
- Evans, A.C., and W.J.Mc.L. Guild. 1948. Studies on the relationships between earthworms and soil fertility: IV. On the life cycles of some British Lumbricidae. Ann. Appl. Biol. 35:472-84.
- Fairhurst, T. 1994. The development of soil fertility gradients Ander oil palam and their effect on plant growth. Report for Kali und Salz AG, 60 p.
- Hairiah, K. 2012. Pembentahan Kesehatan Tanah Kebun Kelapa Sawit dengan Penambahan Bahan Organik dan Inokulasi Cacing Tanah. PT Astra Agro Lestari Award.
- Hairiah, K., D. N.Kasniari, M. Van Noordwijk, H.De Foresta and Syekhfani. 1996. Litterfall, Above and Belowground Biomass, Soil Properties during the First Year of Chromolaena Odorata Fallow. Agrivita 19: 184 – 192.
- Hairiah K, H. Sulistyani, D. Suprayogo, Widianto, P. Purnomasidhi, R.H. Widodo dan M. Van Noordwijk. 2006. Litter Layer Residence Time in Forest and Coff ee Agroforestry Systems in Sumberjaya, West Lampung. *Forest Ecology and Management*, 224: 45–57.
- Hairiah, K., Widianto, D. Suprayogo, S. Kurniawan, I.D. Lestarininginh, dan N.D. Lestari. 2011. Laporan penelitian tahun 1 : Pembentahan Kesehatan Tanah Kebun Kelapa Sawit dengan Penambahan Bahan Organik dan Inokulasi Cacing Tanah. Universitas Brawijaya. Malang.
- Hairiah, K., Widianto., S.R. Utami, D. Suprayogo, , Sunaryo., S.M Sitompul, B. Lusiana, R. Mulia, M. VanNoordwijk dan G. Cadisch. 2000. Pengelolaan Tanah Masam Secara Biologi : Refleksi Pengalaman Dari Lampung. SMT Grafika Desa Putera. Jakarta.
- Hanafiah, K.A., 2005. Dasar-Dasar Ilmu Tanah. PT. Raja Grafindo Persada. Jakarta.
- Handayanto, E., K.E. Giller and G. Gadisch. 1997. Regulating N Release from Legume Tree Prunings by Mixing Prunings of Different Quality. *Soil Biology and Biochemistry* 29, 1417-1426.

- Hanson, I.E. dan C.K. Choong. 2000. Oil palm productivity and its component processes. In: Basiron, Y., Jalani, B.S., Chan, K.W. (eds.). Advances in oil palm research (1):97-145.
- Hopkins, J.A., 2007. Sistematika Hewan I (Invertebrata). Departemen Biologi. FMIPA USU. Medan.
- Kala, D.R., A.B. Rosenanil, C.I. Fauziah dan L.A. Thohirah. 2009. Composting Oil Palm Wastes and Sewage Sludge For Use In Potting Media Of Ornamental Plants. Malaysian Journal of Soil Science Vol. 13: 77-91.
- Lal, R., 2006. Enhancing crop yields in the developing countries through restoration of the soil organic carbon pool in agricultural lands. Land Degrad. Develop. 17: 197–209.
- Lavelle, P., and A.V. Spain. 2001. Soil Ecology. Kluwer Academic Publ., Dordrecht Netherlands.
- Lee, K.E., 1985. Earthworms Their Ecology and Relationships With Soil and Land Use. CSIRO Division of Soil Adelaide. Sydney.
- Odum, E.P., 1971. Dasar – dasar Ekologi(diterjemahkanTjahjono, S. dan Srigandono, B) Yogyakarta: Penerbit Universitas Gajah Mada.
- Oktovani, C.D. 2012. Studi Perakaran Kelapa Sawit di Berbagai Zona Tumpukan Bahan Organik Pada Tanah Lom Berklei dan Lom Berpasir. Skripsi S-1. Fakultas Pertanian. Universitas Brawijaya. Malang.
- Palm, C.A., and P.A. Sanchez,. 1991. Nitrogen release from some tropical legumes as affected by lignin and polyphenol contents. Soil Biology and Biochemistry.
- Priyadarshini, R. 1999. "Estimasi modal C (C - stock) Masukan bahan organik dan hubungannya dengan jumlah individu cacing tanah pada sistem wanatani". Thesis. Malang :Program Pasca Sarjana UNIBRAW
- Purba, A., Z.Poeloengan, dan P.Guritno. 1997. Aplikasi teknik tanpa bakar untuk peremajaan kelapa sawit. In: Poeloengan, Z., K.Pamin, P.Purba, Y.T. Adiwaganda, P.L. Tobing, dan M.L.Fadli (Ed.). Pembukaan areal dengan cara *zero burning*. Prosiding pertemuan teknis kelapa sawit, 22 April 1997, Medan. Pusat Penelitian Kelapa Sawit, Medan. p. 23-31.
- Research Center PT. AMR. 2013. Laporan Iklim PT. AMR. 2013. Laporan Tahunan Curah Hujan Area PT. AMR. Research Center Astra Agro Lestari, Tbk.
- Rukmana, R. 1999. Budidaya Cacing Tanah. Kanisius. Yogyakarta.
- Sabrina, D.T., A.W. Gandahi, M.M. Hanafi, T.M.M. Mahmud and A.A. Nor Azwady. 2012. Oil Palm Empty-Fruit Bunc Application Effects on The Earthworm Population and Phenol Contents Under Field Conditions. African Journal of Biotechnology.11(19) pp.

- Senapati, B. K., P.K. Panigrahi and P. Lavelle. 1994. Macrofaunal status and restoration strategy in degraded soil under intensive tea cultivation in India. Commission IU:Symposium D : 64 - 75. 15& World Congress of Soil Sci. Acapulco, Mexico.
- Setyaningsih H., 2007. Respon Cacing Penggali Tanah *Pontoscolex corethrurus* Terhadap Berbagai Kualitas Seresah. Skripsi, Fakultas Pertanian, Universitas Brawijaya.
- Sihombing, D.T.H. 2000. Potensi Cacing Tanah bagi Sektor Industri dan Pertanian. Media Peternakan. Fakultas Peternakan, IPB. Bandung.
- Subandriya, M. 2012. Laju Dekomposisi Berbagai Biomassa Kelapa Sawit (*Elaeis guineensis*) Pada Tanah Lom Berklei dan Lom Berpasir. Skripsi S-1. Fakultas Pertanian. Universitas Brawijaya. Malang.
- Sudharto T dan H. Suwardjo. 1987 Peranan Bahan organik Terhadap Aktivitas Cacing Tanah (*Perionyx exavatus*) dalam petikan ekologi tanah Kumpulan hasil seminarFakultas biologi UKSW, 20-22 november, 1987 : 62-68.
- Suin, N.M. 1982. Cacing Tanah dari Biotop Hutan, Belukar dan Kebun di Kawasan Gambung- Jawa Barat. Tesis Pasca Sarjana (S2) ITB. Bandung.
- Tian, G, 1992. Biological effects of plant residus with contrasting chemical composition on plant and soil under humid tropical condition. PhD dissertation. LUW, the Netherlands, p 114.
- Tim Survei dan Pemetaan PT.Astra Agro Lestari. 2008. Laporan Hasil Survey Tanah dan Evaluasi Lahan. Jakarta.
- Wallwork, J.A. 1970. Ecology of Soil Animal. Mc. Graw Hill Book Company. London.

