

**DAFTAR PUSTAKA**

- Adhitama, C. 2011. Kandungan Logam Berat Timbal (Pb) pada Lahan Sawah Intensifikasi di Kecamatan Tugumulyo dan Muara Beliti, Kabupaten Musi Rawas. Skripsi Jurusan Tanah, Fakultas Pertanian, Universitas Sriwijaya. 39 halaman.
- Alloway, B.J. 1995. Heavy Metals in Soils. Jhon Willey and sons Inc, New York.
- Amezketta, E., R. Aragues, R. Gazol. 2005. Efficiency of Sulfuric Acid, Mined Gypsum and Two Gypsum by Product in Soil Crossing Prevention and Sodic Reclamation. *Agron. J.* 97:983-989.
- Anthoni, J.F. 2000. Soil Ecology. [www.seafriends.org.nz/enviro/soil/ecology.htm](http://www.seafriends.org.nz/enviro/soil/ecology.htm)
- Balai Penelitian Tanah, Balai Besar Sumber Daya Lahan Pertanian, 2010. Pengapuran Tanah Masam untuk Jagung dan Kedelai, Brosur Informasi Ringkas Bank Pengetahuan Tanaman Pangan Indonesia, Agro Inovasi.
- Bell, L.C., and T. Bessho. 1993. Assessment of Aluminium Detoxification by Organic Materials in an Ultisol, Using Soil Solution Characterization and Plant Response. In Mulongoy, K. And R. Merckx (editors). 1993. *Soil Organic Matter Dynamics and Sustainability of Tropical Agriculture*. John Wiley and Sons. Chichester- New York- Brisbane-Toronto-Singapore. P. 317-330.
- Beijer, K. and A. Jernelov. 1986. General Aspect and Specific Data on Ecological Effect of Metals. In Friberg, L. (Ed), *Handbook on the Toxicology of Metals*. Elsevier Science Pub., Amsterdam.
- Bipfubusa, M, D. A. Angers, A. N'Dayegamiye and H. Antoun. 2008. Soil aggregation and biochemical properties following the application of fresh and composted organic amendments. *Soil Sci Soc Am J* 72:160-166 (Abstract)
- Bohn, H.L, B.L. McNeal, and G.A. O'Connor. 1985. *Soil Chemistry*. Second Edition. A Willey Interscience Publication, New York.
- Brady, N.C. 1974. *The Nature and Properties of Soil*. The macMillan Company, New York.
- Budianta, D and J. Vanderdeelen. 2000. Short-term Evolution of Phosphorus in an Ultisol. *Commun. Soil. Sci. Plant Anal.*, 31(19&20): 3135-3146.

- Budianta, D. 2001. Response of Soybean on the Application of Lime and Green Manure Derived from Velvet Bean Planted in an Ultisol. *J. Tanah Tropika* 13: 1-9.
- Budianta, D., dan D. Tambas. 2004. Kandungan Logam Berat Kadmium Pada Lahan Intensifikasi Pertanian Belitang Oku Timur Sumatera Selatan. *Pengelolaan Lingkungan dan Sumber Daya Alam*. 2(1) : 45-52.
- Calvaruso, C., M.P. Turpault, and P.F. Klett. 2006. Root Associated bacteria contribute to mineral weathering and to mineral nutrition in trees: a budgeting analysis. *Applied and Environmental Microbiology* 72(2): 1258-1266.
- Charlena. 2004. Logam Berat Pb dan Cd Pada Bahan Agrokimia. IPB, Bogor.
- Chaney, K, and R.S. Swift. 1994. The influence of organic matter on aggregate stability in some British soils. *J. Soil Sci.* 35: 223-230.
- Chantigny, M.H, D. A. Angers, and C. J. Beauchamp. 1999. Aggregation and organic matter decomposition in soils amended with de-inking paper sludge. *Soil Sci. Soc. Am. J.* 63:1214–1222.
- Chino, M. 1981. Heavy Metals in Rice Plants. *In* Kitagishi, K (Ed) Heavy Metals Pollution in Soil of Japan scientific Societies Press Tokyo. pp 65-101.
- Conyers, M. 1986. The relationship between Average Annual Rainfall and Exchangeable Aluminium in Soils of South-Eastern New South Wales. *Aus.J.Exp. Agric.* 26:587-590.  
Diakses tanggal 28 Juni 2008.
- Dudal, R., and J. Deckers. 1993. Soil Organic Matter in Relation to Soil Productivity. In Mulongoy, K. And R. Merckx (editors). 1993. *Soil Organic Matter Dynamics and Sustainability of Tropical Agriculture*. John Wiley and Sons. Chichestr- New York- Brisbane-Toronto-Singapore. P. 377-380.
- Foth, H. D. 1978. *Fundamentals of Soil Science*. John Wiley & Sons, Inc. New York
- Foth, H.D., and B.G. Ellis. 1997. *Soil Fertility*. 2<sup>nd</sup>, Boca Raton: Lewis Publisher.
- Geraldson, C.M., G.R. Klacan, and O.A. Lorava. 1973. Plant Analysis As an Acid in Fertilizing Corn and Grain, Sorghum. Pp 365-379. In Leo. M. Walsh and J.D. Beaton (eds). *Soil Testing and Plant Analysis (Revised Ed)*. Soil Sci. Soc. Am. Inc., Madison, Wisconsin USA.
- Gu, Baohua and H. E. Doner. 1993. Aggregation of soils as influenced by organic and inorganic polymers and inorganic polymers. *Soil Sci. Soc.AmJ.* 57:709-716 (abstract)

- Hanafiah, K.A. 2005. Dasar-dasar Ilmu Tanah. Raja Grafindo Persada, Jakarta.
- Hardjowigeno, S, 2002, Ilmu Tanah, IPB Bogor
- Hartemink, A.E. 2003. Soil Fertility Decline in The Tropics With Case Studies on Plantation. Wallingford: CABI Publishing.
- Jenny, H., 1980. The Soil Resource, Origin and Behaviour, Springer-Verlag, New York
- Jones, J.B., B. Woolf and H.A. Mills. 1991. Plant Analysis Handbook. Micro=Macro Publishing, Inc.USA. 213 p.
- Jutono, 1983, Dampak Pengapuran terhadap Beberapa Sifat Mikrobiologi Tanah, Makalah Seminar Alternatif Pelaksanaan Program Pengapuran Tanah Mineral Masam di Indonesia, Fakultas Pertanian Universitas Gadjah Mada, Yogyakarta
- Kamprath, E, 1980, Soil Acidity in well drained soils of the tropics as a constraint to food production in priorities for alleviating soil related constraint to food production in the tropics. IRRI Los Banos, Laguna, Philippines, pp 173-187
- Kaptan, 2009. Pengelolaan Kesuburan Tanah Masam dengan Pengapuran Terpadu, (<http://www.kapurpertanian.com> diakses 15 Oktober 2011)
- Kasno, A. dan A. Sofyan. 1998. Prospek Penggunaan Pupuk P-Alam Pada Tanah Masam Lahan Kering, hal. 195-201. Buku 1. Prosiding Seminar Nasional.
- Kononova, M.M. 1961, Soil Organic Matter. T.Z. Nowakowski and Greenword (Trns) Pergamon, Oxford.
- Kurniatun, H., Widiyanto, Utami,S. R, Suprayogo, D, Sunaryo, Sitompul, SM, L. Betha,
- Mengel, K. And E.A. Kirkby. 1987. Principle of Plant Nutrition. International Potash Institute. Bern/Switzerland.
- Mulia, R, Meine van Noordwijk dan Cadisch, G, 2000, Pengelolaan Tanah Masam Secara Biologi, Refleksi Pengalaman dari Lampung Utara, International Centre for Research in Agroforestry Southeast Asia Regional Research Programme, Bogor
- Lado, M,A.Paz, and M. Ben Hur. 2004. Organic matter and aggregate size interactions in infiltration, soil formation, and soil loss. Soil Sci. Soc. Am. J. 68: 935-942.

- Lehoczky, É., I. Szahabos, P. Marth. 1996. Cadmium content of plants as affected by soil cadmium concentration. *Commun. Soil. Sci. Plant Anal.*, 27(5-8):1765-1777.
- Luttge, A., L. Zhang and R.H. Neilson. 2005. Mineral surfaces and their implications for microbial attachment: results from Monte Carlo Simulations and direct surface observations. *Am. J. of Sci.* 305: 766-790.
- Marsono dan Sigit. 2001. *Petunjuk dan Penggunaan Pupuk*. Penebar Swadaya. Jakarta
- Munson, R.D., and W.L. Nelson. 1973. Principles and Practices in Plant Analysis. Pp 223-248. In Leo. M. Walsh and J.D. Beaton (eds). *Soil Testing and Plant Analysis* (Revised Ed). Soil Sci. Soc. Am. Inc., Madison, Wisconsin USA
- Moshman, KD. 1997. Reference Data Sheet on lead. <http://meridianeng.com/lead.html>. diakses tanggal 2 Oktober 2009.
- Murbando. 2000. *Membuat Kompos*. Penebar Swadaya, Jakarta
- Notodarmojo, S. 2004. *Pencemaran Tanah dan Air Tanah*. ITB, Bandung.
- Notohadiprawiro, T, 1984. *Pengelolaan Kesuburan Tanah dan Peningkatan Efisiensi Pemupukan*. Jurusan Tanah. Fakultas Pertanian. Universitas Gadjah Mada.
- Oades, J. M. 1984. Interaction effects of organisms, organic matter and management on soil structure. *Panjt and Soil J* 76(-13):319-317 (Abstract).
- Price, G. 2006. *Australian Soil Fertility Manual*. 3<sup>rd</sup> Ed. Collingwood: CSIRO Publishing and FIFA.
- Rocky, M, 2008, *Mengelola Tanah Masam*, (<http://rocky16amelungi.wordpress.com> diakses 15 Oktober 2011)
- Salam. A.K., S. Djuniwati dan Sarno. 1998. Perubahan Kelarutan Logam Berat dan Kadmium dalam Kolom Tanah dengan Perlakuan Kapur dan Kompos Daun Singkong Akibat Pencucian dengan Air. *J. Tanah Tropika*. 7:43-50.
- Sanchez, P. A., 1992. *Sifat dan Pengelolaan tanah Tropika*. Penerbit ITB Bandung
- Sari, F.V. 2011. Peranan Gypsum Dalam Mereklamasi Tanah Salin Untuk Pertanian. Paper Mata Kuliah Tanah Lanjut. Program Studi Ilmu Tanaman. Program Pasca Sarjana Universitas Sriwijaya, Palembang. 13 halaman.
- Setyorini, D., Soeparto, dan Sulaeman. 2003. Kadar Logam Berat dalam Pupuk. Hlm. 219-229 *dalam* Prosiding Seminar Nasional Peningkatan Kualitas Lingkungan dan

Produk Pertanian : Pertanian Produktif Ramah Lingkungan Mendukung Keamanan dan Ketahanan Pangan. Pusat Penelitian dan Pengembangan Tanah dan Agroklimat, Badan Penelitian dan Pengembangan Pertanian, Jakarta.

Soekodarmodjo, S, 1983. Pengaruh Pengapuran terhadap Sifat Fisika Tanah, Makalah Seminar Alternatif Pelaksanaan Program Pengapuran Tanah Mineral Masam di Indonesia, Fakultas Pertanian Universitas Gadjah Mada, Yogyakarta

Stevenson, F, J., 1994, Humus Chemistry, Genesis, Composition, Reactions. John Wiley dan Sons, New York.

Stevenson, F.J. 1982. Humus Chemistry: Genesis, Composition, Reactions. A Willey Interscience Publication, New York.

Suharta, N, 2010, Karakteristik Dan Permasalahan Tanah Marginal Dari Batuan Sedimen Masam Di Kalimantan, Balai Besar Penelitian dan Pengembangan Sumberdaya Lahan Pertanian, Bogor

Subowo., Mulyadi, S. Widodo, dan A. Nugraha. 1999. Status dan Penyebaran Pb, Cd, dan Pestisida pada Lahan Sawah Intensifikasi di Pinggir Jalan Raya. Prosiding. Bidang Kimia dan Bioteknologi Tanah. Puslittanak, Bogor.

Subowo, Prastowo, N.S. Mulyani dan J. Sri Adiningsih. 1994. Pengaruh Tanah Aluvial dan Grumosol tercemar Pb dan Cd Terhadap Produksi Padi Sawah. Laporan Proyek Penelitian Tanah dn Agroklimat. Bogor.

Tisdale, S. L and W. L. Nelson, 1975. Soil Fertility and Fertilizer. The macMillan Company, New York.

Tisdale, S.L., W.L. Melson, and J.D. Beaton. 1990. Soil fertility and fertilizers. 4th ed New York Macmillan Publishing Co.

Tisdall, J.M. and J.M.Oades. 1982. Organic matter and water stable aggregates in soils. J. Soil Sci. 33:41-63.

Ulrich, A., and F.J. Hills. 1973. Plant Analysis as an Acid in Fertilizing Sugar Crops: Part I. Sugar Beets. Pp 271-288. In Leo. M. Walsh and J.D. Beaton (eds). Soil Testing and Plant Analysis (Recived Ed). Soil Sci. Soc. Am. Inc., Madison, Wisconsin USA

Wagner, S., S.R. Cattle, and T. Scholten. 2007. Soil aggregate formation as influenced by clay content and organic matter amendment. J. of Plant Nutrition and Soil Science 170(1): 173-180 (abstract).

Web Master, 2009. Penyebab Tanah Masam, (<http://pupukdsp.com>, diakses 16 Oktober 2011)

White R.E., 1987. Introduction to the Principles and Practices of Soil Science. Blackwell Scientific Publ. , Palo Alto, CA.

Whitney, D.A., J.T. Cope and L.F. Welch. 1985. Prescribing Soil and Crop Nutrient Needs. P. : 25-52. Dalam: Fertilizer Technology and Use. 3rd ed. O.P. Engelstad (ed.). Soil Sci. Soc. Am., madison. WI.

[www.gunwald.ifas.ufl.edu](http://www.gunwald.ifas.ufl.edu). Soil Organic Matter (SOM). Diakses tanggal 26 April 2008

[www.soils.wisc.edu](http://www.soils.wisc.edu). Soil formation. Diakses tanggal 28 Juni 2008

Yuanchin, S. 2003. Comprehensive Reclamation of Salt Affected Soils in China,s. Huang-Hai Plain. J. Crop Prod. 7:163-179