## Reference

- Basnayake, B. (1998), Pilot and Demonstration Compost Unit for Development and Operation of Sanitary Compost Plants for Urban Solid Waste Management, PGIA, University of Peradeniya, April 1998, pp. 2 63.
- Basnayake, B., Thermophilic Composting,
- Beffa et al (1996), Isolation of *Thermus* Strain from Hot Compost (60° C to 80° C), Applied and Environmental Microbiology, May 1996, pp.1723-1727.
- Beffa, T. et al (1998), Mycological control and surveillance of biological waste and compost, Medical Mycology, 36, pp 137 145, 1998.
- Beffa et al (1998), Mycological control and surveillance of biological waste and compost, Medical Mycology, 36(suppl.I), pp. 137-145.
- Berube, E. and Beausejour, J. (2001), Design and Implementation of a Composting System for a Community Food Bank and Garden, Dept. of Agricultural and Biosystems Engineering, McGill University, Canada, June 2001, pp. 1 17.
- Blanc, M. et al (1999), Thermophilic bacterial communities in hot compost as revealed by most probable number counts and molecular (16S rDNA) method, FEMS Microbiology Ecology, 28(1999), p.141-149.
- California Compost Quality Council, How Do I Know That Compost Is Mature? (www.ccqc.org)
- Composting Technologies and Systems: Caledonian Shanks Center for Waste Management, Glasgow Caledonian University, October 2000.
- De Aliws, A.A.P(2002), Bio Gas Technology, ITDG, Colombo.
- Dde Alwis, A., State of Environment Sri Lanka, Ministry of Forestry & Environment.
- De Alwis, A.A.P.(1999), *State of Environment : Sri Lanka*, 1999, Ministry of Forestry & Environment. [this is not one of mine! Check please!!!]
- De Bertold, M., Rutili, A., Citterio, B. and Civilini, M., Composting Management: A new process control through O<sub>2</sub> feedback, Waste Management & Research (1988) 6, pp. 239-259.
- De Bertoldi, M., Civilini, M. and Comi, G.(1990), Experiences in the European Community on Municipal Solid Waste Composting, First US Conference on Municipal Solid Waste Management, June 13 –16 1990.
- EPA530-F-97-044, Innovative Uses of Compost: Disease Control for Plants and Animals, Solid Waste and Emergency Response, October 1997.
- Finstein, M.S., Miller, F.C., MacGregor, S.T., and Psarianos, K.M. (1985), The Rutgers Strategy for Composting: Process Design and Control, EPA project summary, EPA/600/S2-85/059, July 1985.

- Fraser, B.S. and Lau, A.K. (2000), The Effect of Process Control Strategies on Composting Rate and Odor Emission, Compost Science & Utilization, Autumn 2000, p. 274 292.
- Hasselriis F., Refused Derived Fuel Processing, *Butterworth Publishers*, pp. 01 85.
- Haug, R.T. and Haug, L.A. (1977), Sludge Composting: A Discussion of Engineering Principles Part I, Compost Science, November / December 1977, p. 6 11.
- Haug, R.T. (1978), Composting Wet Organic Sludges A Problem of Moisture Control, Proceedings of National Conference on Design of Municipal Composting Facilities, Rockville, MD, 1978, p. 27 37.
- Higgins, A.J. (1983), Technical Issues Involving Sludge and Compost Use, BioCycle, Vol. 24, No.1, Jan Feb 1983.
- Hogan, J.A., Miller, F.C. and Finstein, M.S. (1989), Physical Modeling of the Composting Ecosystem, Applied and Environmental Microbiology, May 1989, p. 1082 1092.
- Hogan, J.A., Finstein, M.S. (1990), Composting of solid waste during extended human travel and habitation in space, Waste Management & Research (1991) 9, pp.453 463.
- Ishii, K., Fukui, M. and Takii, S.(2000), Microbial succession during a composting process as evaluated by denaturing gel electrophoresis analysis, Journal of Applied Microbiology, 2000,89, p. 768-777.
- Jayawardhana, L.C. and Manipura, A.B. (2000), A case study on Municipal Solid Waste management in Sri Lanka and Biomethanation as a tool to handle the problem, NREC 2000. IIT, Mumbai, India.
- Lasaridi, K. and Stentiford, E.I. (1999), Compost Stability: A Comparative Evaluation of Respirometric Techniques, Proceedings ORBIT, 1999, p. 539 546.
- Lasaridi, K.E., Stentiford, E.I. and Evans, T. (2000), Windrow composting of wastewater biosolids: process performance and product stability assessment, Water Science Technology, Vol 42 No 9 pp 217 226.
- Macauley, B.J., Miller, F.C. and Harper, E.R.(1990), Mushroom Compost Production Research, BioCycle, June 1990, p. 74 77.
- MacGregor, S. T., Miller, F.C., Psrianos K.M., and Finstein M. C. (1981), Composting Process Control Based on Interaction Between Microbial Heat Output and Temperature, Applied and Environmental Microbiology, June 1981, p. 1321 1330.
- Manipura, A., Jayawardhana, L.C., Alwis, A.De, Pilapitiya, S., Ranasinghe, M., Abeygunawardhana, I. and Pathinathar, S. (2001), Analysis of Municipal Solid Waste (MSW) generation and waste characterization in Sri Lanka, SLAAS 2001.
- Meekings, H.J., Stentiford, E.I. and Lee, D.L. (1999), The effect of compost maturity on the development and viability of *Ascaris suum* eggs, Conference Proceedings:

- Disposal and Utilization of sewage Sludge: Treatment Methods and Application Modalities, 13 –15 October 1999, Athens, Greece.
- Miller, F. C. & Finstein, M.S. (1985), Materials balance in the composting of wastewater sludge as affected by process control, Journal of Water Pollution Control, February 185.
- Morisaki, N. et al (1989), Nitrogen Transformation During thermophilic Composting, Journal of Fermentation and Bioengineering, Vol. 67, No.1, 1989, p.57 –61.
- Morris, A. S.(2000), Principles of Measurements and Instrumentation, Prentice-Hall of India (pvt.) Ltd, August 2000, pp. 3-413.
- National Strategy for Solid Waste Management (NSSWM), Ministry of Forestry and Environment, 2000.
- National Database on Solid Waste, Ministry of Forestry and Environment, 2000.
- Perry, R. (1995), Perry's Chemical Engineers' Handbook, 5<sup>th</sup> edition, Mac Grew-Hill Publishers, New York.
- Pilapitiya, S. (1988), A Microcalorimetric Approach for Biodegradability of Hazardous Waste on Contaminated Soil, MS thesis, Rutgers University, New Jersey, May 1988.
- Pilapitiya S. (1998), Is Composting a Viable Option for Management of Municipal Solid waste in South Asia, *The Proceedings of 14<sup>th</sup> International Conference on Solid Waste Technology & Management*, 1-4 November 1998, Philadelphia, PA, USA.
- Polprassart, C. (1988), Organic Waste Recycling, John Willy & Sons, 1988, p.30 40.
- Rynk, R. (1992), On-Farm Composting Handbook, Northeast Regional Agricultural Engineering Service, Ithaca, NY, June 1992, pp. 1-181.
- Schulze, K.L. (1962), Continuous Thermophilic Composting, Applied Microbiology, 10(1962), p.108 122.
- Schulze, K.L. (1962), Automatic Temperature and Air Control in Composting, Compost Science, winter 1962, Vol. 2, No. 4.
- Schulze, K.L. (1960), Rate of Oxygen Consumption and Respiratory Quotient During the Aerobic Decomposition of a Synthetic Garbage, Compost Science, spring, 1960, p. 36 40.
- Seymour, R.M., Donahue, D., Bourdon, M., Evans, J.R. and Wentworth D. (2001), Intermittent Aeration for In-vessel Composting of Crab Processing Waste, Compost Science & Utilization, Spring 2001, p. 98 106.
- Suler, D.J. and Finstein, M.S. (1977), Effect of Temperature, Aeration and Moisture on CO<sub>2</sub> Formation in Bench-Scale, Continuously Thermophilic Composting of Solid Waste, Applied and Environmental Microbiology, Feb. 1977, p. 345 350.

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Tchobanoglous, G., Theisen, H. and Vigil, S.A. (1993), Integrated Solid Waste Management: Engineering principles and Management Issues, McGrew-Hill Inc., pp. 69-715.

The Disposal of Municipal Solid Waste in the Greater Colombo Area, ERM (Lanka), 1999.

UNEP 2001, State of Environment: Sri Lanka.

Vears, R.E. (1990), Microprocessor Interfacing, Heinemann Newnes, Oxford, 1990, pp. 1-68.

Zorpas, A., Vlyssides, A.G. and Loizidou, M.(1999), Dewatered Anaerobically-Stabilized Sewage Sludge Composting: Metal Leachability and Uptake by Natural Clinoptilolite, Commun. Soil Sci. Plant Anal., 30 (11&12), 1603 – 1613 (1999).

De Alwis A. (2000); Personnel Communication.

Ebertz H (2001); Personal Communication.

Pilapitiya S. (2000); Personnel Communication.

Sapumhotti S. (2001); Personnel Communication.

Upawansa G.K. (2000); Personnel Communication.

http://www.helios.bto.ed.ac.uk/bto/microbes/apical.htm#crest

http://www.environmentalindustry.com/swt/media/default.asp



