

Wife  
lb • oil  
bifa%

%rk'  
611.044  
eAkt

# REFERENCES

IN • iii  
610'4

ka-1



## 6- REFERENCE

- Abd El-Malek, Y. and Ishac, Y. Z. (1968).** Evaluation of methods used in counting azotobacters. *J. Appl. Bacteriol.* 31:257- 267.
- Abdel Wahab, A. F. M. (1999).** Iron- Zinc- Organic Wastes •
- Ahn, H.K., T.L. Richard, T.D. Glanville, J.D. Harmon and D.L. Reynolds (2005).** Estimation of optimum moisture levels for biodegradation of compost bulking materials. ASAE Paper No. 054089. St. Joseph, MI: ASAE.
- Alexander, M. (1982).** Introduction to Soil Microbiology. John Wiley and Sons. Inc. New York.
- Ali, K. M. (2001).** Use of Improved Organic Fertilizers as Nutrients Sources, Ph.D. Thesis, Soil Science Dept., Fac. of Agric. Ain Shams Univ.
- Allen, O. N. (1950).** Experiment in Soil Bacteriology M. Burgs. Publishing. Co. England. and Compost Utilization.
- Avnimelech, Y., R. Eilat, Y. Porat and P.A. Kottas (2004).** Factors affecting the rate of windrow composting in field studies. *Compost Science & Utilization* 12(2): 114-118.
- Beffa, T., M. Blanc, L. Marilley, J.L. Fischer, P.F. Lyon, and M. Aragno (1996).** Taxonomic and metabolic microbial diversity during composting. In: *The Science of Composting, Part I*, (eds.) De Bertoldi, M., Sequi, P., Lemmes, B. and Papi, T. pp. 149 -161. London: Chapman & Hall.

**Belete, L., E. Waltraud, C. Neunhauserer, B. Caballero, and H. Insam (2001).** Can community level physiological profiles be used for compost maturity testing? *Compost Science and Utilization* 9: 6-18.

Bess, V. H.; Manes, R. B. and Snodgrass, J. L. (2002). *E. coli*

**Bitton G. (1999).** Public health aspects of wastewater and sludge disposal, P.347. In Bitton G (ed), *wastewater microbiology*. John Wiley&Sons Inc.,New York .

**Bonhotal, J., L. Telega and J. Petzen (2002).** Natural rendering: composting livestock mortality and butcher waste. Ithaca, New York: Cornell Waste Management Institute.

**Breitenbeck, G.A. and D. Schellinger (2004).** Calculating the reduction in material mass and volume during composting. *Compost Science & Utilization* 12(4): 365-371

**Brinton, W. F., M. L.Evans, R. B. Brinton, and M. L. Droffner (2001).** A Standardized Dewar Test for Evaluation of Compost Self-Heating. *BioCycle Report* 1-16.

**Brinton, W.F. (1995).** The control of plant pathogenic fungi by use of compost teas. *Biodynamics*, 197: 12-15.

**Brodie, H.L., L.E. Carr and P. Condon (2000).** A comparison of static pile and turned windrow methods for poultry litter compost production. *Compost Science &Utilization* 8(3): 178-189.

- Brodie, H.L., L.E. Carr and P. Condon (2000). A comparison of static pile and turned windrow methods for poultry litter compost production. *Compost Science & Utilization* 8(3): 178-189.
- Bunt, A.C. (1967).** Modern potting compost. George Allen and Unwin press.
- Burns, **R.G. (1978).** Soil Enzymes. Academic press, New York.
- Cameron, **R.D. and F.A. Koch (1980).** Toxicity of landfill leachate, J. Water Poll. Con. Fed. 52 (4) :760 – 765.
- Carr, L.E., G.K. Felton, C.E. Prigge and J.C. Bouwkamp (2002).** Testing composting strategies to control Nand P. *Biocycle* 43(6): 48-50.
- Carr, L.E., H.L. **Brodie, I.H. Martin Jr., G.W. Malone, D.H. Palmer and N. Zimmermann (1998).** Composting catastrophic event poultry mortalities. Fact Sheet 723. Maryland Cooperative Extension. University of Maryland.
- CCC, Composting Council of Canada (1998).** Setting the standard: a summary of compost standards in Canada. Toronto, ON.
- Chang, Y. and H. J. Hudson (1967).** The fungi of wheat straw compost. 1-Ecological studies. Trans Br. Mycol. Soc.50 (4): 649-666.

- Chang, Y. and H.J. Hudson (1980).**The fungi of wheat straw compost. 1-Ecological studies. Trans Br. Mycol, Soc. 50(4): 649-666.
- Chany R. L. (1992).** Land application of composted municipal solid wastes public health, safety and environmental issues. In proc.Soil waste composting conf. PP.61-83. Soil waste composting council, Washington, DC.
- Chapman, **H.D. and F. P. Pratt (1961).** Methods of analysis for soil, plants and water.Univ. of California,Div.of Agric. Sci.
- Chen, Y. and F. J. Stevenson (1986).** Soil organic matter interactions with trace elements". Martinus Nijhof, the Hagur, the Netherlands, pp.73- 1 16.
- Ciavatta, C., A. L. Vittori, and P. Sequi, (1988).** A first approach to the characterization of the presence of humified materials in organic fertilizers. Agrochemical, 32:510- 517
- CWMI, Cornell Waste Management Institute. (February, 2003).** Cornell Composting. Retrieved July23, 2003, from [http://compost.css.comell.edu/Composting\\_homepage.html](http://compost.css.comell.edu/Composting_homepage.html)
- Day, M., M. Krzymien, K. Shaw, L. Zaremba, W.R. Wilson, C. Botden and B. Thomas (1998).** Investigation of the chemical and physical changes occurring during commercial composting. Compost Science and Utilization. 6: 44-46.

- De Bertoldi M. (1992).** The compost of the composting process and quality of end products, PP.85-93. In Jackson DV, Merillot J-M and L'Hermire p (eds.), *Composting and compost quality assurance criteria*. Commission of the European Community, Brussels.
- De Bertoldi, M., G. Vallini and A. Pera (1983).** The biology of composting: a review. *Waste Management & Research* 1: 157-176.
- Diaz-Ravia, M., M.J. Acea, and T. Carballas (1989).** Microbiological characterization of four composted urban refuses. *Biol. Wastes* 30: 89-100.
- Dickson, N., T. Richard and R. Kozlowski (1991).** Composting to reduce the waste stream: a guide to small scale food and yard waste composting. Northeast Regional Agricultural Engineering Service, Cornell University, 152 Riley-Halls, Ithaca, NY 14853:607-255-7654.
- Dougherty, M., (1999).** Field Guide to On-Farm Composting. NRAES-114 ed.. Ithaca, New York: Natural Resource, Agriculture, and Engineering Service.
- Ekinci, **K., H.M. Keener and D. Akbolat (2004).** Effect of thermocouple location of the optimum composting rate. *Biosystems Engineering* 89(3): 345-353.
- Eldridge, **R., J. Collins and C. P. Shane (1993).** Development of composting recipe for swine manure. Presentation at International Summer Meeting Sponsored by ASAE,

Spokane Center, Spokane, Washington, June20-23, 1993,  
Paper No .934033.

**El-Housseini, M.M., F.S. Soheir and A.H. Emad (2000).** Co-compost production from Agricultural waste sewage sludge. *Proceeding of the Tenth Microbiology Conference, Cairo, Egypt, 11-14 Nov.2000* (pp.295-315).

**Elvira, C., L. Sampedro, E. Benitez, and R. Nogales (1998).** Vermicomposting of sludge from paper mill and dairy industries with *Eisenia Andrei*: A pilot- scale study. *Bioresource Technol.*, 63:205-211.

**Epstein, M. (1997).** *The Science of Composting.* Pennsylvania: Technomic Publishing Company.

**Faure, D. and A. M. Deschamps (1990).** Physico-chemical and Microbiological aspects in composting of grape pups. *Biological wastes* 34:251-258.

**Finstein M., F. C, Miller, P. F. Strom and K. M. Psarianos (1983).** Composting ecosystem management for waste treatment, P. 310-313. In Zucconi F, de Bertoldi M and Coppola S(eds.), *Biological reclamation and land utilization of urban wastes.* Conference proceedings, Naples.

Firey, C. (2004). Small farm composting. *Small Farm Today* 21(1):39-41. Fixation in Newly Reclaimed Soils. Ph. D. Thesis, Fac. of Agric., Ain Shams Univ.

- De Bertoldi M. (1992).** The compost of the composting process and quality of end products, PP.85-93. In Jackson DV, Merillot J-M and L'Hermire p (eds.), Composting and compost quality assurance criteria. Commission of the European Community, Brussels.
- De Bertoldi, M., G. Vallini and A. Pera (1983).** The biology of composting: a review. *Waste Management & Research* 1: 157-176.
- Diaz-Ravia, M., M.J. Acea, and T. Carballas (1989).** Microbiological characterization of four composted urban refuses. *Biol. Wastes* 30: 89-100.
- Dickson, N., T. Richard and R. Kozlowski (1991).** Composting to reduce the waste stream: a guide to small scale food and yard waste composting. Northeast Regional Agricultural Engineering Service, Cornell University, 152 Riley-Halls, Ithaca, NY 14853:607-255-7654.
- Dougherty, M., (1999).** Field Guide to On-Farm Composting. NRAES-114 ed.. Ithaca, New York: Natural Resource, Agriculture, and Engineering Service.
- Ekinci, K., H.M. Keener and D. Akbolat (2004).** Effect of thermocouple location of the optimum composting rate. *Biosystems Engineering* 89(3): 345-353.
- Eldridge, R., J. Collins and C. P. Shane (1993).** Development of composting recipe for swine manure. Presentation at International Summer Meeting Sponsored by ASAE,

Spokane Center, Spokane, Washington, June20-23, 1993,  
Paper No .934033.

**El-Housseini, M.M., F.S. Soheir and A.H. Emad (2000).** Co-compost production from Agricultural waste sewage sludge. *Proceeding of the Tenth Microbiology Conference, Cairo, Egypt, 11-14 Nov.2000* (pp.295-315).

**Elvira, C., L. Sampedro, E. Benitez, and R. Nogales (1998).** Vennicomposting of sludge from paper mill and dairy industries with *Eisenia Andrei*: A pilot- scale study. *Bioresource Technol.*, 63:205-211.

**Epstein, M. (1997).** *The Science of Composting.* Pennsylvania: Technomic Publishing Company.

**Faure, D. and A. M. Deschamps (1990).** Physico-chemical and Microbiological aspects in composting of grape pups. *Biological wastes* 34:251-258.

**Finstein M., F. C, Miller, P. F. Strom and K. M. Psarianos (1983).** Composting ecosystem management for waste treatment, P. 310-313. In Zucconi F, de Bertoldi M and Coppola S(eds.), *Biological reclamation and land utilization of urban wastes.* Conference proceedings, Naples.

**Firey, C. (2004).** Small farm composting. *Small Farm Today* 21(1):39-41. Fixation in Newly Reclaimed Soils. Ph. D. Thesis, Fac. of Agric., Ain Shams Univ.

- Flynn, R.P. and Wood, C.W. (1996).** Temperature and chemical changes during composting of broiler litter. *Compost Science and Utilization* 3: 62-70.
- Fonstad, T.A., D.E. Meier, L.J. Ingram and J. Leonard (2003).** Evaluation and demonstration of composting as an option for dead animal management in Saskatchewan. *Canadian Biosystems Engineering* 45: 6.19-6.25
- Fulhage, C. (2000).** Composting dead animals. In *Innovative Technologies for Planning Animal Feeding Operations Comprehensive Nutrient Management Planning Program and Proceedings*, 167-174. Denver, CO. December 4-6.
- Gaby, N. S., L. L. Creek, and W. L. Gaby (1972).** A study of the bacterial ecology of composting and the use of *proteus* as an Indicator organism of soil waste develop. *Ind. Microbial.* 13:24-29.
- Galler, W. and C. Davey (1971).** High-rate poultry manure composting with sawdust. *Livestock Waste Management* .ASAE, St, Joseph, Michigan, 159-62.
- Garcia, C., T. Hernandez and F. Costa (1991).** Study on water extract of sewage sludge composts . *Soil Science and Plant Nutr.* 37:399 - 408.
- Garcia, C., T. Hernandez and F. Costa (1993).** Hydrolases in the organic matter fractions of sewage sludge: Changes with composting. *Bioresource Technol.* 45: 47- 52.
- Garcia, C., T. Hernandez, F. CosAa, B. Ceccanti, and C. Ciardi (1992).** Changes in ATP content, enzyme activity

and inorganic nitrogen species during composting of organic wastes. *Can. J. of Soil Sci.* 72: 243-253.

**Garcia-Siera, J. (2001).** Studies on survival of pseudorabies virus, *Actinobacillus pleuropneumoniae*, and *Salmonella* serovar *Choleraesuis* in composted swine carcasses. *Journal of Swine Health and Production* 9(5): 225-231.

**Gasser, J. K. P. (1984).** Composting of Agriculture and Other Wastes. Elsevier Applied Science Publisher, New York

**Girovich, M. J. (2000).** Biosolids Treatment and Management: Processes for Beneficial Use. Marcel Dekker, Inc. New York.

**Glanville, T.D. and D.W. Trampel (1997).** Composting alternative for animal carcass disposal. *Journal of the American Veterinag Medical Association* 210(8): 1116-1120.

**Glanville, T.D., T.L. Richard, J.D. Harmon, D.L. Reynolds, S.S. Sadaka and A Akinc (2003).** Environmental impact & biosecurity of composting for emergency disposal of livestock mortalities. ASAE Paper No. 032262. St. Joseph, MI: ASAE

**Goldstein, N., D. Riggle, and R. Steuteville (1992).** Sludge composting maintains growth. *Biocycle* 33(12): 44-54.

**Golueke, C. G. (1972).** "Composting; a study of the process and its principles " Rodale press, Emmaus, PA.54p.

**Golueke, C. G. (1992).** Bacteriology of composting. *Biocycle* 33(1): 55-57.

- Gonzalez, J.L. and M. Sanchez (2005). Treatment of poultry mortalities on poultry farms. *Compost Science & Utilization* 13(2): 136-140.
- Gouin, F. R. (1998). Commercial composting systems. *Hort. Science* 33(6):931-933.
- Gray, K. R. and J. Biddlestone (1981). The Composting of agricultural wastes. In: B. Stonehouse (ed.). *Biological Husbandry*. Butterworths, London.
- Hanafy, Ehsan, A, N. A., Newegy, M. El-Housseini and A. N. Estafanus (1990). Chemical and microbiological changes during composting city refuse. *Agriculture Research Review, Egypt*, 68(2):347-357
- Harada, Y. and A. Inoko (1975). Cation- exchange properties of soil organic matter. I. Effects of capacity values of Humic acid preparation. *Soil Sci. Plant Nutr.*, 21:361-369.
- Harada, Y. and A. Inoko (1980). The measurement of cation-exchange capacity of composts for the estimation of degree of maturity. *Soil Sci. and Plant Nutr.*, 26: 123-134.
- Harada, Y., A. Inoko, **M. Tadaki, and T. Izadaki (1981)**. Maturing process of city refuse compost during piling. *Soil Sci. Plant Nutr.*, 27:357-364.
- Hassan, G.; Emad, A. ; Naema, A. (1998)** "Converting cotton stalks into an improved solid fuel in Egypt, the environmental and economic impacts" 1st international conference on Rationalization of Energy in Agriculture., Mansoura University, 17-18 March 1998.

**Haug, R. T. (1980).** Composting Engineering. Principles and Practice. Ann. Arbor Science Publisher Inc., Michiganan, pp 655-659.

**Haug, R. T. (1993).** The Practical Handbook of Compost Engineering. Lewis Publ., Boca Raton, Flannotti, D.A.; Grebus, M.E.; Toth B.L.; Madden, L.V. and Hoitink, H.A.J. (1994). Oxygen respirometry to assess stability and maturity of composted municipal solid-waste. Journal of Environment Quality, 23: 1177-1183.

**Hay, J. C. and R. D. Kwchenrither (1990).** Fundamentals and application of windrow composting. Journal Environmental Engineering (ASCE) 116:746-763.

**Hellmann, R, L. Zelles, A. Palojarvi and Q. Bai (1997).** Emission of climate-relevant trace gases and succession of microbial communities during open-windrow composting. *Applied Environmental Microbiology* 63(3): 1011-1018.

**Hesse, B. B. (1971).** A text book of soil, chemical analysis. Williamclowe and Sons Limited, London.

**Hoitink, H.A.J. (1994).** Oxygen respirometry to assess stability and maturity of composted municipal solid-waste. Journal of Environment Quality. 23: 1177-1183.

**Hong, J.H., J. Matsuda and Y. Ikeuchi (1984a)** "survey of rural compost practices in korea".BioCycle 25 (2):52-53.

**Hong, J.H., J. Matsuda, and Y. Ikeuchi (1983).** High rapid composting of dairy cattle manure with crop and forest

---

**REFERENCE**

--	--	--	--

residues TRANSACTION of the ASAE, 26(3):533-541&545

**Hong, J.H., J. Matsuda, and Y. Ikeuchi (1984b)** "A study on the improvement of animal waste composting operation in Korea" Jour. Korean Soc. Ag. Machinery, 9 (1):62-70.

**Huang, G. F., J. W. C. Wong, Q.T. WU and R. B. Nagar (2004).** Effect of C/N on composting of pig manure with sawdust. *Waste Management* 24: 805-813.

humic substances formed during the composting of solid wastes from wineries. *Sci. Total Environ.* 113: 35-48.

**Iannotti, D.A.; Grebus, M.E.; Toth B.L.; Madden, L.V. and Inbar, Y., Y. Chen and Y. Hadar (1990).** Humic substances formed during the composting of organic matter. *Soil. Sci. Am. J.*, 54: 1316-1323.

**Inbar, Y., Y. Hadar, and Y. Chen (1993).** Recycling of cattle manure: the composting process and characterization of maturity. *J. Environ. Qual.*, 22: 857-863.

**Inbar, Y.; Hadar, Y. and Chen, Y. (1989).** Characterization of

**Insam, H., K. Amor, M. Renner and C. Crepaz (1996).** Changes in functional abilities of the microbial community during composting of manure. *Microbial Ecology* 31: 77-87.

Interaction and Their Effects on Biological Nitrogen

**Jackson, M. L. (1973).** *Soil Chemical Analysis*, Prentice-Hall Englewood cliffs, New Jersey.

- Jensen, H.L. (1930).** Actinomycetes in Danish soils. *Soil Sci.*,30: 59 — 77.
- Jeris, J. S. and R.W. Regan (1973).** Controlling environmental parameters for optimum composting. 11. Moisture, free air space and recycle" *Compost Sci.* 14(2):8-15.
- Jimenez, E. I. And V. P. Garcia (1989).** Evaluation of city refuse compost maturity: A Review. *Boil. Wastes.* 27:115-142.
- Kalbasi, A, S. Mukhtar, S.E. Hawkins and B.W. Auvermann (2005).** Carcass composting for management of farm mortalities: a review. *Compost Science & Utilization* 13:180-193.
- Kaloosh, A. A. (1994).** Changes in composition of compost prepared from different organic materials and its effect on *Vicia faba* yield. *J. Agric. Sci., Mansoura Univ.*19:829-836
- Keener, H. M. and D.L. Elwell (2003).** Composting livestock mortalities, road kill and meat processor by-products in Ohio. NIAA Conference Paper, April 9, 2003, Cincinnati, OH: NIAA.
- Keener, H. M., W. A. Dick and H. A. Hoitink (2000a).** Composting and beneficial utilization of composted by-products. In *Land Applications of Agricultural, Industrial, and Municipal By-Products*, ed. W.A Dick, 316-341. Madison, WI: Soil Science Society of America, Inc.

- Nannipieri, P., P. Sequi and P. Fusi (1996).** Humus enzyme and enzyme activity. In: Humic Substances in Terrestrial Ecosystems. Piccolo, A.(ed.) pp. 293-329, New York, El Sevier.
- Natural Resource, Agricultural, and Engineering Service (NRAES). (1999).** Field Guide to On-Farm Composting: NRAES-114. Ithaca, NY: Author.
- Nelson, **V., B. Sexton and W. Winchell (2003).** Windrow composting of spent hens.RL0803. Lethbridge, Alberta: Agtech Centre.
- Olds, J. **(1968).** Houston compost plant-2nd year report. Compost Sci. 9(1): 18-19.
- Ott, P. (1986).** Utilization of farmyard manure and composted farmyard manure and the importance of Biological Agriculture in a world of diminishing resources Proc. 5<sup>th</sup> IFOM Conference. Verlagsgurppe Wuzenhausen.
- Page, A.L.; Miller, R.H. and Keeney, D.R. (1982).** Methods of
- Paredes, C., M. P. Bernal, J. Cegarra and A. Roing (2002).** Boi-degration of olive mill wastewater sludge by its co-composting with agriculture wastes. Bioresource Technol. 85:18-23.
- Parr, J. F., G. B. Willson and D. Colacicco (1982).** Improving soil with organic wastes municipal sludge composts. FAO Soils Bulletin, 45:52-65.

- Poincelot, R. P. (1974)** "A scientific examination of the principles and practice of composting". *Compost Science*, 2:24-31.
- Poincelot, R. P. (1977)**. The biochemistry of composting. In *Composting of Municipal Residues and Sludge*. Proceedings of the National Composting Conference. pp. 33-39. Information Transfer , Rockville, MD, USDA.
- Priest, P. (1984). *Extracellular Enzymes.:* American Society for Microbiology. Washington D.C.
- Probert, M. E., J. J. Okalebo and R. K. Jones (1995)**. The use of manure on small holders farms in semi- arid eastern Kenya. *Exp. Agric.* 31: 371-381. Publishing. Co. England. Proceedings of the International Symposium Composting Publishing. Co. England.
- Raviv, M., Y. Chen and Y. Inbar (1987)**. Peat and Peat substitutes as growth media for container grown plants-A review. In : *The rol of organic matter in modem agriculture*. (Chen, Y. and Avnimelech, Y.(Ed)) Martinus Nijhoff, the Hague, 257-87.
- Richards, L. A. (Ed.)(1954)**. *Diagnosis and Improvement of Saline and Alkali Soil*. U.S. Dept. Agric., Handbook, No. 60 Gov. print off.
- Roig, A., A. Lax, J. Cegarra, F. Costa and M.T. Hernandez (1988)**. Cation exchange capacity as a parameter for measuring the humification degree of manures. *Soil Sci.*,146:311-316

- Rynk, R. (1992). *On-Farm Composting Handbook*. ed. NRAES-54, Ithaca, New York: Natural Resource, Agriculture, and Engineering Service.
- Rynk, R. (2000).** Large-scale contained composting systems. *BioCycle*, 1:67-73.
- Rynk, R., M. Van de Kamp and G. B. Willson (1992).** *On-Farm Composting Handbook*. New York: NRAES. Cornell University.
- Sander, J.E., M. C. Warbington and L. M. Myers (2002).** Selected methods of animal carcass disposal. *Journal of the American Veterinary Medical Association* 220(7):1003-1005.
- Saraptke, B., M. Holub and M. Lhotsk (1993).** The effect of farmyard manure anaerobic treatment on weed seed viability. *Biological Agriculture and Horticulture*. 10: 1-8.
- Schulze, K. L. (1961).** Relationship between moisture content and activity of finished compost. *Compost Science* (summer, 1961).
- Shehata, S. M. and B. E. All (1990).** Composting municipal solid wastes, *Agriculture Research Review, Egypt*, 68(2):359-365
- Shi-Wei, Norton, J. M., B. E Miller, M. G. Pace and W. Shi (1999).** Effects of aeration and moisture during windrow composting on nitrogen fertilizer values of dairy waste composts. *Applied Soil Ecology*, 11:17-28.

- Singh, M. and S. D. Sharma (2002).** Bioefficacy of azafenidin for weed management in citrus. Weed Sci. Soc. Amer. Annual Meeting. February 10-13, 2002. Reno, NV, Abstr. 21, p. 7.
- Skujins, J. (1976).** Extracellular enzymes in soil. Critical Reviews in Microbiology 4: 383-421.
- Smibert, R. M. and Krieg, N. R. (1981).** General characterization of Klebsiella. In "Manual of Methods for General Bacteriology, Krieg, N. R. (Ed). Amer. Soc. Microbio. Washington. **Soil Analysis. Part(2).** Amer. Soc, Agr. Inc. Madison.
- Stentiford, E. I. (1996).** **Composting control: principles and practice** In de Bertoldi M, Sequi P, Lemmes B and Papi T (eds.), The science of composting. Blackie Academic & Professional, London.
- Stephenson, M. (1930).** Bacterial Metabolism. Monographs on Biochemistry, Longman, Green and Co. London, England. survival in compost tea using different nutrient substrates.
- Sylvia, D., J. F. Jefry, G. H. Peter and F. Zuberer (1998).** Principles and Applications of Soil Microbiology. Printice- Hall, Inc. London.
- Tabatabai, M. A. (1994).** Soil enzymes. In: Methods of Soil Analysis. Part 2. Microbiological and Biochemical Properties. (eds). Weaver, R.W., Angle, J.S. and

Bottomley, P.S. pp. 775-833. Wisconsin: Soil Sci. Society of Amer.

**Tansey, M. R. and T.d. Brock (1978).** Microbial life high temperatures: ecological aspects. In microbial life in Extreme Environmental, ed. D.J. Kushner Academic Press London PP. 159-216

**Tate, R. L. (1995).** Soil enzymes as indicators of ecosystem status. In: Soil Microbiology ed. Tate, R.L. pp. 123-146. John Wiley & Sons, New York

**Tchobanoglous, G. and F. L. Burton, (1991).** Wastewater Engineering, 3<sup>rd</sup> ed. McGraw-Hill Inc. New York.

**Tiquia, S. M. (2002).** Microbial transformation of nitrogen during composting. In Microbiology of Composting and Other Biodegradation Processes. Insam, H.(eds.) Heidelberg, Germany.

**Tiquia, S. M. and N. F. Y. Tam (2000).** Fate of nitrogen during composting of chicken litter. Environmental Pollution. 110: 535-41.

**Tiquia, S. M., H. C. Wan and N. F. Y. Tam (2001).** Extracellular enzyme profiles during co-composting of poultry manure and yard trimmings. Process Biochemistry 36: 813-820. Use of compost teas. Biodynamics, 197: 12-15.

**Tiquia, S. M., N. F. Y. Tam and I. J. Hodgkiss (1996).** Microbial activities during composting of spent pig-

manure sawdust litter at different moisture contents. Bioresource Technol. 155: 201-206.

**Tiquia, S. M., N. F. Y. Tam and I. J. Hodgkiss (1998a).** *Salmonella* elimination during composting of spent pig litter. Bioresource Technol. 63: 193-196.

**Tiquia, S. M., N. F. Y. Tam and I. J. Hodgkiss (1998b).** Changes in chemical properties during composting of spent litter at different moisture contents. Agriculture, Ecosystems and Environment 67: 79-89.

**Van Heerden, I., C. Cronje, S. H. Swart and J. M. Kotze (2002).** Microbial, chemical and physical aspects of citrus waste composting. Bioresource Technol. 81:71-76.

**Vuorinen, A. H. (1999).** Phosphatases in horse and chicken manure composts. Compost Science and Utilization 7: 47-54,

**Vuorinen, A. H. (2000).** Effect of bulking agent on acid and alkaline phosphomonoesterase and b-D D- glucosidase activities during manure composting. Bioresource Technol., 75: 113- 138.

**Wiles, C. C. (1977).** Composting of refuse. In: National Conference on Composting of Municipal Residues Sludge, August 23-25, 1977. Information Transfer Inc.

**Wilson, G. B. and J. W. Hummel (1972).** Aeration rates for rapid composting dairy manure. In; Pro.Agric. Wastes Manage. Cornell Univ., Ithaca, NY.Pp.145-158.

- Wong, J.W.C. K. F. Mark, N.. W. Chane, A. L. AM, M. Fang, L. X. Zhou, A. L. Am, M. Fang, L. X. Zhou , Q.T. Wuand and X. D. Liao (2001).** Co-composting of soybean residues and leaves in Hong Kong. *Bioresource Technol.* 76: 99- 106.
- Yousef, I. S. (2001).** A study on mechanization of compost turning and mixing. *Misr J.Ag. Eng.*, 18(1):45-57.
- Zucconi, F. and M. de Bertoldi (1987).** Compost specifications for the production and characterization of compost from municipal solid waste. In: de Bertoldi, M. (Ed), *Compost: Production, Quality and Use.* pp 30- 50 Elsevier Applied Science , Essex.