











- of simple methods of assessment. *Agr. Ecosyst. Environ.*, 94: 289-298. 2003
- [32] Leonard, J., Composting, An Alternative Approach to Manure Management, *Advances in Dairy Technology* 13: 431, 2001
- [33] Bass, L., T.E. Bilderback, and M.A. Powel, Composting, A Guide to Managing Yard Waste, North Carolina Cooperative Extension Service. North Carolina. 1992
- [34] Misra, R.V., R.H. Roy and H. Hiraoka, On Farm Composting Method, FAO, Rome, 2003.
- [35] Higa, T. Effective microorganisms: A new dimension for nature farming. In: Proceedings of the Second International Conference on Kyusei Nature Farming. J.F. Parr, S.B. Hornick, and M.E. Simpson (eds.) U.S. Department of Agriculture, Washington, D.C., U.S.A., p. 20-22, 1994.
- [36] El-Meniawy M.A., Microbiological Studies on the Production of Non-Traditional Animal Feed from Agricultural wastes. M. Sc. Thesis, Faculty of Agriculture, Al- Azhar University, Cairo, Egypt, 2003.
- [37] Khalid A., Arshad M., Zahir Z.A. Phytohormones: microbial production and applications. In: Uphoff N., Ball A.S., Fernandes E., Herren H., Husson O., Laing M., Palm C., Pretty J., Sanchez P., Sanginga N., Thies J., Eds, *Biological Approaches to Sustainable Soil Systems*, Taylor & Francis/CRC, Boca Raton, Florida, pp. 207-220. 2006.
- [38] Bass, L., T.E. Bilderback, and M.A. Powel, Composting, A Guide to Managing Yard Waste, North Carolina Cooperative Extension Service. North Carolina. 1992.
- [39] Higa, T. Effective microorganisms: A new dimension for nature farming. In: Proceedings of the Second International Conference on Kyusei Nature Farming. J.F. Parr, S.B. Hornick, and M.E. Simpson (eds.) U.S. Department of Agriculture, Washington, D.C., U.S.A., p. 20-22, 1994.
- [40] El-Meniawy M.A. Microbiological Studies on the Production of Non-Traditional Animal Feed from Agricultural wastes. M. Sc. Thesis, Faculty of Agriculture, Al- Azhar University, Cairo, Egypt. 2003.
- [41] Khalid A., Arshad M., Zahir Z.A. Phytohormones: microbial production and applications. In: Uphoff N., Ball A.S., Fernandes E., Herren H., Husson O., Laing M., Palm C., Pretty J., Sanchez P., Sanginga N., Thies J., Eds, *Biological Approaches to Sustainable Soil Systems*, Taylor & Francis/CRC, Boca Raton, Florida, pp. 207-220. 2006.
- [42] Lekasi J.K., Tanner J.C., Kimani S.K., Harris P.J.C. Cattle manure quality in Maragua District, Central Kenya: Effect of management practices and development of simple methods of assessment. *Agr. Ecosyst. Environ.*, 94: 289-298. 2003.
- [43] Moldes A.; Y. Cendon and M.T. Barral. Evaluation of municipal solid waste compost as a plant growing media component, by applying mixture design. *Bioresource Technology*, 98, 3069-3075, 2007.
- [44] Wong SY, Lin S. Composts as soil supplements enhance plant growth and fruit quality of strawberry. *J. Plant Nutr.*, 25: 2243-2259. 2002.
- [45] Singh A., Sharma S. Effect of microbial inocula on mixed solid waste composting, vermicomposting and plant response. *Compost Sci. Util.*, 11: 190-199. 2003.
- [46] Abd El-Maksoud H.K.; M. Azazy and R.A. Abdel-Aziz. Biotransformation of the organic fraction of municipal solid waste to compost and its manural effect on wheat straw. *Egypt. J. Soil Sci.*, (2):267-275, 2002.
- [47] Kaviraj and S. Sharma. Municipal solid waste management through vermicomposting employing exotic and local species of earthworms. *Bioresource Technol.*, 90: 169 173. 2003.
- [48] Eida M.F. Application of biological farming principals for producing safe vegetable crops. M. Sc. Thesis, Faculty of Agriculture, Kafrelsheikh University, 2007.
- [49] Zorpas A.A.; A. Dimitris; K. Panagiotios; H. Maria and Z. Giovannis. Compost quality and use from sewage sludge, organic fraction of municipal solid waste and natural zeolite-clinoptilolite. In: Venglovsky, J., Greserova, G. (Eds.), *RAMIRAN 2002 10<sup>th</sup> Intern. Conf. Hygiene Safety, Strbske Pleso, High Tatras, Slovak Republic*, May 14 18, pp. 381 389. 2002.
- [50] Hornick, S.B. Factors affecting the nutritional quality of crops. *Amer.J.Alternative agriculture*.7:63-68. 1992.
- [51] Ramadass, K., Palaniyandi, S. Effect of enriched municipal solid waste compost application on soil available macronutrients in the rice field. *Arch. Agron. Soil Sci.* 53, 497-506. 2007.
- [52] Mhlontlo S, Muchaonyerwa P and Mnkeni P N S. Effects of sheep kraal manure on growth, dry matter yield and leaf nutrient composition of a local amaranthus accession in the central region of the Eastern Cape Province, South Africa. *Water SA* 33 (3), 363-368. 2007.

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