



BIBLIOGRAPHY

BIBLIOGRAPHY

1. Aire, M ., Monroy , F., Dominguez, J., Mato, S. (2002): How earthworm density affects microbial biomass and activity in pig manure.- *European Journal of soil Biology* 38: 7 -10.
2. Ansari A. A. (2007). Reclamation of sodic through vermitechnology. *J Soil. Nature* 1 (1) : 27 -31.
3. Awaknavar J. S. and Karabhantanal S. S. (2004) . Effect of pesticides on biomass, survival and reproduction of earthworms, *Polypheritima elongate* (Mich.). *Indian J. Ecol.* 31 (2) : 112 -115.
4. Bhattacharjee, G. and chaudhri, P.S. (2002). A laboratory based investigation on cocoon production, morphology, hatching pattern and fecundity in seven tropical earthworm species., *J. Biosci.* 27: 283 -294.
5. Black, C.A. ed. (1965). *Methods of soil Analysis (Vol.2)*.Am. Soc. Agron, Madison, Wisconsin, USA.

6. Bostrom, U. (1988) : Growth and cocoon production by the earthworms *Aporrectodea coliginoso* in soil mixed with various plant material. – *Pedobiologia* 32 : 77-80.
7. Bouwnam, H. and Reinecke, A.J. (1991). A defined medium for the study of growth and reproduction of the earthworm *Eisenia fetida* (Oligochaeta) .*Biol Fertil Soils*, 10: 285-289.
8. Butt, K.R. (1993). Reproductive and growth of the deep-burrowing earthworm (Lumbricidae) in laboratory culture in order to assess production for soil restoration. *Biology and Fertility of soils*, 16, 135 – 138.
9. Curry J.P and Balger, T. (1984). Growth, reproduction and litter and soil consumption by *Lumbricus terrestris* L. in reclaimed peat. *Soil Biology and Biochemisry*, 6, 253 – 257.

10. Curry, J.P. (1988). The ecology of earthworms in reclaimed soils and their influence on soil fertility, *in Earthworms in Waste and Environmental Management* (Eds. C.A. Edwards and E.F. Neuhauser), SPB Acad. Publ., The Hague, The Netherland, pp. 251-61.
11. Darwin, C. 1881 .The formation of vegetable mould through the action of worms, with observation on their habitats. Murray, London.
12. Dynes, R.A., 2003. Earthworms- Technology information to enable the development of earthworm production. Rural Industrial Research Development Corporation Publication No. 03/085, 23 September 2003, pp: 1-3.
13. Edwards, C.A. (1998): The use of earthworms in the breakdown and management of organic wastes. – In: Edwards, C.A. (ed): *Earthworm Ecology* . St. Lucie Press, Boca Raton, pp 327-351.

14. Fordsmad, S.J. (2002) “ The combined stress of increased soil salinity and zinc concentration on earthworms.”
A paper presented in the conference ‘SETAC’ EUROPE (society) , Meeting (12th : 2002 : Vienna).
15. Ghosh, M., Chattopadhyay, G.N. and Baral, K. (1999). Transformation of phosphorus during vermicomposting. *Bioresource Technology*, 69, 149-154.
16. Giraddi, R.S., Gundannavar, K.P., Tippannavar, P.S. and Sunitha, N.D. (2008). Reproductive Potential of Vermicomposting Earthworms, *Eudrilus eugeniae* (Kinberg) and *Perionyx excavates* (Perrier) as Influenced by seasonal factors. *Karnataka J. Agric. Sci.*,21 (1) : 38-40.
17. Graff, O. (1974). Gewinnung von Biomasse aus Abfallstoffen durch kultur des compost regenwurms *Eisenia foetida* (Savigny 1926) *Landbauforsch Volkenrode*, 2, 137 – 42

18. Haimj, J . (1990). Growth and reproduction of the compost living earthworms *Eisenia Andrei* and *E. foetida*. *Revue d` Ecologie et de Biologie du sol* 27 , 415 – 421.
19. Hartenstein, R., Neuhauser, E.F. and Kaplan, D.I. (1979). Reproductive potential of the earthworm, *Eisenia foetida*. *Oecologia* (Berlin), 43: 329 – 340.
20. Hoogerkamp, M., Rogaar, H. and Eijsackers, H.J.P. (1983). Effect of earthworms on grassland on recently reclaimed polder soils in the Netherlands, in *Earthworm Ecology from Darwin to Vermiculture*, (ed.) J.E. Satchell, Chapman & Hall, London, p.85-105.
21. Huhta, V. and Haimi, J. (1988). Reproduction and biomass of *Eisenia foetida* in domestic waste. In : *Earthworms in Waste and Environmental management* (Eds. Edwards, C.A. and Neuhauser, E.F.), SPB Academic, The Hauge, pp. 65 – 69.

22. Hutchinson, G.E. (1967) : A Treatise on Limnology. Vol. II :
In : ' Introduction to Lake Biology and the
Limnoplankton'. John Wiley and Sons, Inc., New
York.
23. Ismail, S.A. (1993). Keynote Papers and Extended Abstracts.
Congress on science and technologies of India, I.I.T.,
Bombay, pp. 1027—1030.
24. Kale, R.D. (1997). Earthworms- The significant contributors
to organic farming and sustainable agriculture, in :
Organic Farming and Sustainable Agriculture (Eds.)
Veeresh, G.K., Shivshankar, K. and Singlachar, M.A.
Association for Promotion of.
25. Klok, C., Faber, J., Heijmans S.G., Bodt, J., vander Hout, A. (2007) : Influence of clay content and acidity of soil on development of the earthworm *Lumbricus rubellus* and its population level consequences. *Biol Fertl Soils*, 43: 549-556.

26. Klok, C., Faber, J., Heijmans, G., Bodt, J. (2007). Influence of clay content and acidity of soil on growth and reproduction of the epigeic earthworm species *Lumbricus rubellus*. *J Biol Fertil Soils* (43): 549 - 556.
27. Laville, P., D. Bignell, M. Lepage, V. Wolters, P. Roger, P. Ineson, O.W. Heal, and S. Dhillon. (1997). Soil function in a changing world: The role of invertebrate ecosystem engineers. *Eur. J. Soil Biol.* 33: 159 - 193.
28. Lofs-Holmin, A. (1982). Reproduction and growth of common arable land and pasture species of earthworms (Lumbricidae) in Laboratory culture. *Swedish Journal of Agricultural Research* 13, 31 -37.
29. Lofs-Holmin, A. (1983). Influence of agricultural practices in earthworms (Lumbricidae). *Acta Agric. Scand.*, 33, 225 - 334.
30. Loh, T.C., Lee, Y.C., Liang, J.B., Tan, D. (2005) : Vermicomposting of cattle and goat manures by

- Eisenia fetida* and their growth and reproduction performance.- *Bioresource Technology* 96: 111 -114.
31. Martin, A., Lavelle, P. (1992) : Effect of soil organic matter quality on its assimilation by *Miliosonia anomala*, a tropical geophagous earthworm- *Soil Biology and Biochemistry* 24 : 1535 – 1538.
32. Muller, P.E. (1884). Studier over Skovjord II. Om Muld og Morii Egeskove og paa Heder. *Tidsskr Skubrug*, 7: 1-232.
33. Nauhauser, F., Hartenstein, R. and Kaplan, D.L. (1980).Growth of *Eisenia foetida* in relation to population density and food rationing. *Oikos*, 35: 93 – 98.
34. Neuhauser , E. F., Kaplan, D.L. and Hartenstein, R. (1979). Life history of the earthworm *Eudrilus euginae*. *Rev. Ecol. Biol. Sol.* 16, 525 -34.
35. Ohno, M. (2001). Sensitivity of a Japanese earthworm *Allolobophora japonica* to soil acidity.- *Water, Air and Soil Pollution* 130: 1019 – 1024.

36. Olson, S.R., Cole, C. V., Watnahe, F.S. and Dean, L.A.(1954).
Estimation of available phosphorous in soils by
extraction with sodium bicarbonate U.S. Deptt. Agr.
Circ. 939.
37. Pallant E. and Hilster, L.M. (1996).Influence of earthworm
addition in acid mine soil treated with sewage sludge
and lime in the development of soil quality and
biological diversity.- *Biol Fertil Soils* 22: 355 – 358.
38. Parthasarathy, S.V. (1972); Sugarcane in India, K.C.P. Ltd.
Madras – 6, pp. 25-48.
39. Phillipson, J. and Bolton, P.J. (1977). Growth and cocoon
production by *Allolobophora rosea* (Oligochaeta :
Lumbricidae). *Pedobiologia* 17, 70 – 82.
40. Ramalingam, R. (1997). Studies on the life cycle, growth and
population dynamics of *Lampito mauritii* (Kinberg)
and *Eudrilus eugeniae* (Kinberg) cultured in
different organic wastes and analysis of nutrients and

microbes of vermicompost. Ph.D. Thesis submitted to Annamalai University, India.

41. Ray Choudhary, S.P. (1966) : Land and soil . N.B.T. of India, New Delhi. pp.18-85.
42. Reddy, M.V. and pasha, M. (1993). Influence of rainfall, temperature and some soil physic-chemical variables on seasonal population structure and vertical distribution of earthworms in two semi and tropical grassland soils. *Int. J. Biotech.* 37: 19 – 26.
43. Reinecke ,A.J., and Kriel, J.R. (1981). Influence of temperature on the reproduction of the earthworms *Eisenia foetida* (Oligochaeta). *S. Afr. J.Zool.*, 16, 96 – 100.
44. Reinecke, A.J. and Hallat, L.(1989). Growth and coccon production of *Perionyx excavatus* (Oligochaeta). *Biol. Pert. Soils*, 8: 303 – 306.
45. Reinecke, A.J. and S.A. Viljoen, (1990).The influence of feeding patterns on growth and reproduction of the

vermicomposting earthworm *Eisenia fetida*
(Oligochaeta). *Biol. Fertil. Soils*, 10: 184-187.

46. Reinecke, A.J. and Viljoen, S.A. (1990). The influence of feeding pattern on growth and reproduction of the earthworm *Eisenia foetida*.- (Oligochaeta), *Biol Fertil Soils*, 10: 184 – 187.
47. Reinecke, A.J., S.A. Viljoen and R.J. Sayman (1992). Suitability of *Eudrilus euginae*, *Perionyx excavates* and *Eisenia foetida* (Oligochaeta) for vermicomposting in Southern Africa in terms of their temperature requirements. *Soil Biology and Biochemistry* 24, 1295-1307.
48. Rhee, U.(1992): Influence of population densities on growth and reproduction of earthworm *Eisenia andrei* on pig manure.-*Soil Biology and Biochemistry* 24: 1327-1331.

49. Rivero Fernandez, R. (1991). Influence of pH on the production of *Eisenia foetida*. *Avanc. Eliment. Anim.* 31(5) : 215 – 17.
50. Robinson, J.W. (1966). *Atomic Absorption Spectroscopy*. Marcel Dekker. Inc., New York, USA.
51. Senapati, B.K. and Dash, M.C. (1985). Influence of soil temperature and moisture on the reproductive activity of tropical pasture earthworms of Orissa, India. *J. soil. Biol. Ecol.*, 4: 13-21.
52. Stockdill, S.M.J. (1982). Effect of introduced earthworms on the productivity of New Zealand pastures. *Pedobiologia* 24, 29-35.
53. Suthar, S.(2007). Growth and fecundity of earthworms- *Perionyx excavates* and *perionyx sansibaricus* in cattle waste solids. *Applied Ecology and Environmental Research* 5(2): 79-92.
54. Suthar, S.S., Watts, J. Sandhu, M. Rana, S. Kanwal, A. Gupta, D., Meena, M.S.(2005): Vermicomposting of

- kitchen waste by using *Eisenia foetida* (Savigny).-
Asian Journal of Microbiology Biotechnology and
Environmental Science 7:541-544.
55. Syres, J.K. and Springett, J.A.(1984). Earthworms in relation
to soil fertility.-*Plant and Soil* 76: 93 – 104.
56. Tomlin, A.D. and Miller, J.J. (1980).Development and
fecundity of the manure worm, *Eisenia foetida*
(annelid: Lumbricidae), under laboratory conditions.
In : *Proc. VII Intnal. Colloquium soil Zool.* (Ed.)
Dindal, D.L. Syracuse 1979, EPA Washington DC,
pp. 673 – 678.
57. Toth, S.J. and A.L. Prince (1949). Estimation of cation
exchange capacity and exchangeable Ca, K and Na
content of soil by flame photometer technique. *Soil
Sci.* 67: 439-445.
58. Tsukamoto, J. and Watanabe, H. (1977). Influence of
temperature on hatching and growth of *Eisenia*

foetida (Oligochaeta, Lumbricidae). *Pedobiologia*,
17 , 338 – 42.

59. Van Gestel , C.A.M., Dirven- van Breeman, E.M, Bacrselman, R.
(1992). Influence of environmental conditions on the
growth and reproduction of the earthworm *Eisenia*
Andrei in an artificial soil sinstrate. *Pedobilolgia*, 36,
109 -120.
60. Viljoen, S.A. and Reineeke, A.J. (1988). The number, size
and growth of hatchling of the African Nightcrawler,
Eudrilus eugeniae (Oligochaeta). *Revue L' Ecologie*
et de Biologic du Sal 25, 225 – 236.
61. Walkley, A. (1947) Critical examination of rapid method for
determining organic carbon in soils, effect of
variation in digestion conditions and of inorganic soil
constituents. *Soil Sci.* 632 : 251.

62. Zhong, H. and S. Schrader. (1993). Earthworm effect on selected physical and chemical properties of soil aggregates. *Biology and Fertility of Soils* 15: 229 – 234.