

C/N pH E.Foetida

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pH C/N pH
(p- value>0.05) pH Eisenia Foetida
pH C/N C/N C/N
C/N C/N B

E.Foetida

(Sawyer, 1978; 2009

(Tejada, 2009 ;)

Primoa,)

(Richard, 2005)

()

°C

Richard, 2005)

Vs

(Csuros, 1997

/

(Csuros, 1997)

Linear Regression Multivariate

(Gupta, 2004)

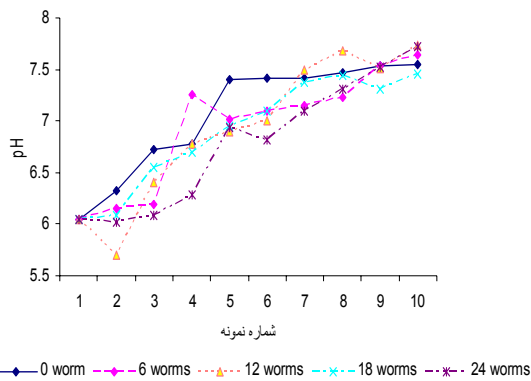
Federico

C/N pH

(Federico, 2007)

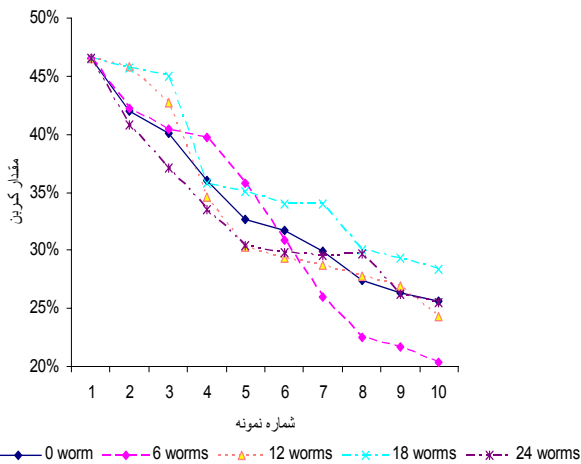
()

(Jeyabal, 2001)



C/N pH

1-A



1-B

)

(

B₀

B₄, B₃, B₂, B₁

°C

pH

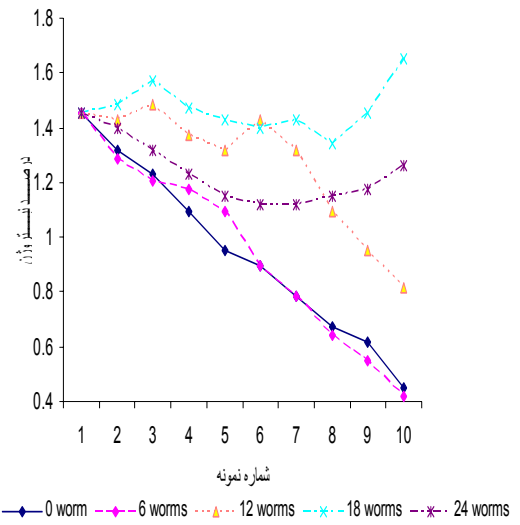
pH

pH

...

C/N pH E.Foetida

B4 B3
% / B3
B4 pH
() B1
B3 C/N
B1

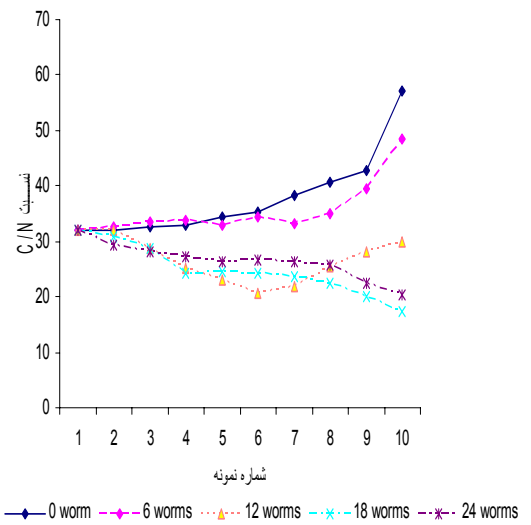


Multivariate spss
pH

() pH
pH

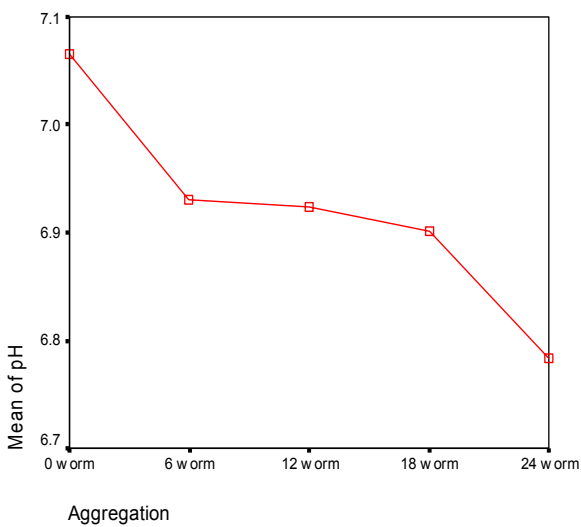
(pH= / /) A
pH
(Brinton, 2000)

1-C



1-D

pH :D C, B, A ()
C/N



C/N

C/N () B4 () B3

pH

pH : ()

C/N

B

()

(Federico, 2007 Bansal, 2000)

pH

C/N

pH

Multivariate

C/N

scheffe

C/N

p-)

C/N

C/N

(value<0.05

C/N

C/N

C/N

C/N

C/N

C/N

C/N

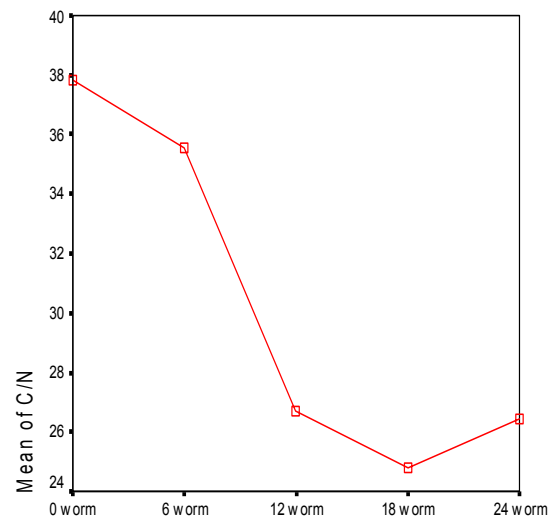
B4

B0-B1-B2-B3-

/ / / / /

C/N

(



Aggregation

C/N

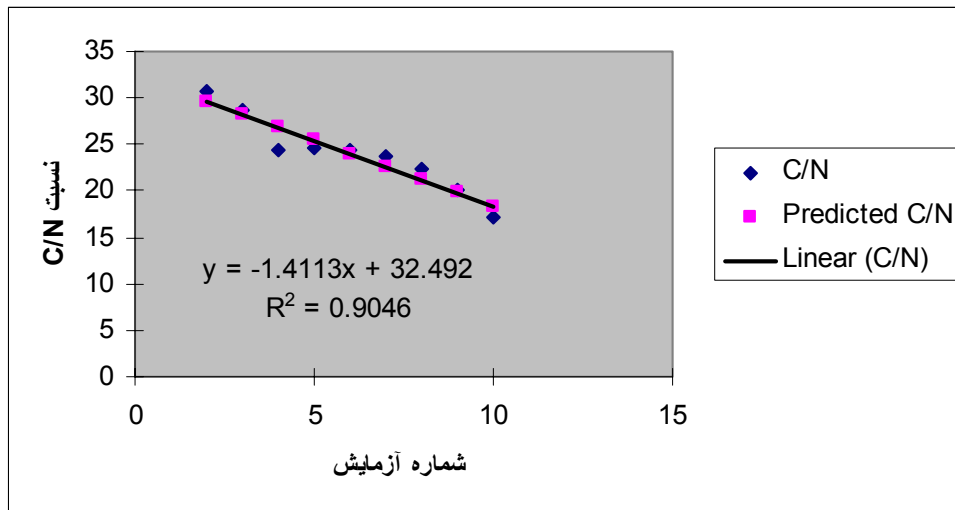
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C/N

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C/N : ()

Bansal, S., K.K., Kapoor.2000. Vermicomposting of crop residues and cattle dung with Eisenia foetida, Bioresource Technology, Volume 73, Issue 2, Pages 95-98

Brinton, F.W. 2000. Compost quality standards & guidelines, New York State Association of Recyclers, Dec 2000.

Csuros, M. 1997. Environmental Sampling and Analysis Lab Manual, CRC Press Inc; Spi edition, ISBN-13: 978-1566701785.

Federico,A. and et al . 2007. Vermicompost as a soil supplement to improve growth, yield and fruit quality of tomato (*Lycopersicum esculentum*), Bioresource Technology. 98 (15): 2781–2786.

Gupta, p.k .2004. vermicomposting for sustainable agriculture, Agrobios(India)

Jeyabal, A., G.,Kuppuswamy. 2001. Recycling of organic wastes for the production of vermicompost and its response in rice–legume cropping system and soil fertility, *Eur. J. Agron.*15(3): 153-170.

Primoa, O. and et al . 2009. Nitrate removal from electrooxidizedlandfill leachate by ion exchange. *Haz. Mat.* 164 (1): 389-393.

Richard,T.and et al. 2005: Cornell Composting, Cornell Waste Management Institute. Available in (http://compost.css.cornell.edu/Composting_homepage.html)

Sawyer, C.N., P.L.,McCarty.1978. *Chemistry for Environmental Engineering*, 3rd Edition. McGraw-Hill Book Company, NY, NY. 532 pp.

Tejadaa, M. and, et al. 2009. Effects of a vermicompost composted with beet vinasse on soil properties, soil losses and soil restoration. *CATENA.* 77(3): 238-247.