



PharmTech

International Journal of PharmTech Research

CODEN (USA): IJPRIF, ISSN: 0974-4304, ISSN(Online): 2455-9563
Vol.9, No.10, pp 593-598, 2016

Use of Taylor's Power Law parameters in Nematode Sampling

Mahfouz M. M. Abd-Elgawad

Plant Pathology Department, Nematology Laboratory, National Research Centre,
Dokki, Post Code 12622, Cairo, Egypt.

Abstract : Two insights on the use of Taylor's Power Law(TPL) are discussed. Improving optimum size of nematode samples via iteration is presented. Rearranging the TPL formulae to solve for the ratio of the half-width of the confidence interval to the mean of the nematode numbers rather than sample size is suggested especially in case of limited fund.

Key words: nematode sampling, reliability, sample size, spatial dispersion, Taylor's Power Law.

Mahfouz M.M.A. Elgawad *et al*/International Journal of PharmTech Research, 2016,9(10): 593-598
