

**Effect of certain abiotic and biotic materials on the mortality of
*Meloidogyne incognita***

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Abstract

The study was conducted to test the direct effect of different concentrations (1250, 2500, 5000, 10000 and 15000 ppm) of the abiotic materials, γ -amino-n-butyric acid (GABA), chitosan, salicylic acid and acetyl salicylic acid and the biotic agent, *Pseudomonas fluorescens* at S, S/2, S/10, S/20, S/50 and S/100 for 24, 48 and 72 hr on the mortality percentage of *M. incognita* juveniles. Results revealed that the percentages mortality and net mortality were positively correlated with the concentrations and exposure period of all tested materials.