

## **EFFECT OF CERTAIN ORGANIC AMENDMENTS ON *PRATYLENCHUS ZEA*, ROOT LESION NEMATODE INFESTING SUGARCANE**

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### **Abstract**

Under field conditions the control of *Pratylenchus zea* the root lesion nematode on sugar cane cv. GT54-9 was studied by using some organic amendments of cattle, horse, poultry and pigeon manures compared to urea as a mineral fertilizer. The tested materials except horse manure proved to be effective ( $p \leq 0.05$  and  $0.01$ ) in reducing this pest. The degree of nematode reduction varied according to the tested materials. The length and fresh weight of shoots of sugar cane plants significantly ( $p \leq 0.05$  and/or  $0.01$ ) increased in soil amended with organic amendments.