

Pak. J. Nematol., 4 (1): 19-26, 1986.

REACTION OF SUGARCANE VARIETIES TO A ROOT-KNOT NEMATODE, *MELOIDOGYNE INCOGNITA*

E.O. SALAWU

*Sugar Research Institute,
P.M.B. 1515, University of Ilorin, Ilorin, Nigeria.*

Abstract

The reaction of 10 sugarcane varieties viz., d47/15, BR6223, Co396, Co453, Co443, Dacca, Co957, Co1001, B5992 and B57175 to *Meloidogyne incognita* was investigated. All varieties were susceptible. Infected roots were moderately to heavily galled. The nematode stimulated the top growth of BR6223 and Dacca, but significantly suppressed tillering in D47/15 and Co957. *M. incognita*, at 2000 and 4000 nematode levels per plant significantly reduced yield of Co1001 but reduction in yield of Co957 was not evident at both nematode levels.