

Pak. J. Nematol., 14 (2): 107 – 110, 1996.

NEMATICIDAL PROPERTIES OF LEAVES OF SOME PLANT SPECIES AGAINST *HELICOTYLENCHUS DIHYSTERA* (COBB, 1893) SHER, 1963 ON TOMATO

K. FIROZA AND M.A. MAQBOOL

*National Nematological Research Centre,
University of Karachi, Karachi-75270, Pakistan.*

Abstract

Soil amendment with leaves of neem, datura and calotropis reduced the population of *Helicotylenchus dihystra* (Cobb, 1893) Sher, 1963 and improved growth of tomato (*Lycopersicon esculentum* Mill.) plants. Use of datura and calotropis @3% w/w was found to be phytotoxic. The population of nematode decreased with increase in the rate of amendments. Datura was found most effective in reducing the nematode population build-up followed by calotropis and neem.