

**EFFECTIVITY OF *CLERODENDRON INERME* L.,
CATHARANTHUS ROSEUS (L.) G.DON. AND *AZOLLA PINNATA*
R.BR. FOR MANAGEMENT OF ROOT-KNOT
NEMATODES ON OKRA**

H.R. PATEL, D.J. PATEL, C.C. PATEL AND N.A. THAKAR

*Department of Nematology, B.A. College of Agriculture,
Gujarat Agriculture University, Anand Campus, Anand-388110, India.*

Abstract

Effect of leaf powder of vilayati mehdi (*Clerodendron inerme* L.), pink and white flower periwinkle (*Catharanthus roseus* (L.) G.Don.) and Azolla (*Azolla pinnata* R.Br.) for the control of root-knot nematodes (*Meloidogyne incognita* and *M. javanica*) on okra in nematode infested soil was studied during 1986-88. The substrates were used @ 25 g/metre row (560 kg/ha) under the crop row a day or two prior to okra seeding. Application of leaf powder of *Clerodendron*, pink and white flower periwinkle significantly increased plant height and fresh root weight by 63.6, 63.6, 67.6 and 90.3, 75.0 and 73.0% with significant reduction in root knot disease by 33.2, 28.7 and 30.8% respectively over control.