

Management of root-knot nematodes (*Meloidogyne* spp.) in bottle gourd using different organic amendments, nematicides and bioagent under field conditions

Tulika Singh and B.A. Patel

Received September 11, 2017 and Accepted November 28, 2017

ABSTRACT : In an experiment on efficacy of different organic amendments, nematicides and bioagent for management of root-knot nematodes in bottle gourd under field conditions, soil application of carbofuran and phorate @ 2 kg/ha as well as organic amendments like poultry manure (3 t/ha) were found to be most effective in reducing root-knot disease and increasing fruit yield as well as green biomass, respectively.

Key Words: Organic amendments, nematicides, bioagent, bottle gourd, *Meloidogyne incognita*, *Meloidogyne javanica* pathotype 1 & 2