EFFECT OF SPACE ON THE MULTIPLICATION OF TYLENCHORHYNCHUS BRASSICAE ON CAULIFLOWER AND MELOIDOGYNE INCOGNITA ON EGGPLANT.

AKHTER H. KHAN, I. MAHMOOD AND S.K. SAXENA

Department of Botany, Aligarh Muslim University, Aligarh-202001, India.

Abstract

The population of *Tylenchorhynchus brassicae* and *Meloidogyne incognita* increased with an increase in the amount of space (soil) around seedling; highest being observed at 1200g of soil. The growth pattern of the plants was different, cauliflower attaining highest growth in 800g of soil and eggplant in 1000g of soil. Population of *T. brassicae* increased with an increase in soil upto 800g with 4 seedlings and *M. incognita*upto 1200g with 6 seedling. The growth of cauliflower was highest in 600g of soil with 3 seedlings and that of eggplant in 400g of soil with 2 seedlings. Root-knot index decreased with an increase in number of seedlings/pot.