

## **RELATION BETWEEN THE DEVELOPMENTS OF TOMATO ROOTS SYSTEM AND SUSCEPTIBILITY TO *MELOIDOGYNE* SPP.**

**N. HORRIGUE-RAOUANI AND M.M. B` CHIR\***

*Ecole Supérieure d` Horticulture et d` Elevage de Chott-Mariem  
4042, Chott-Mariem, Sousse, Tunisie*

*\*Institut National Agropnomique de Tunisie-43, Avenue CharlesNicolle, 1002, Tunis, Tunisie*

### **Abstract**

The reaction of a plant host to infection by *Meloidogyne* spp., is related to the growth and architecture of its root system. Two isogenic tomato lines ("Moboglan" and "Monalbo") that have different root growth were used to study their reaction to *Meloidogyne javanica* and *M. incognita*. The results show that "Monalbo" was found less susceptible than "Moboglan" because of a delayed rootlets emission. This concept could be useful as an approach in nematode management.