

HISTOPATHOLOGICAL STUDIES OF *MELOIDOGYNE INCOGNITA* (KOFOID & WHITE, 1919) CHITWOOD 1949, ASSOCIATED WITH CHILLI

A. KHAN****, F.M. BILQEES*, K.A. KHANZADA, N. KHATOON**
AND S. SHAHZAD***

*Crop Diseases Research Institute, PARC, SARC, University of Karachi, Karachi-75270,
Pakistan*

**Jinnah University for Women, Nazimabad, Karachi*

***Department of Zoology, University of Karachi, Karachi-75270*

****Department of Agriculture, University of Karachi, Karachi-75270*

****Corresponding author's E-mail: dralykhan@hotmail.com

Abstract

Roots of chilli (*Capsicum frutescens* L.) infected with *Meloidogyne incognita* (Kofoid & White) Chitwood were collected from experimental field of Crop Diseases Research Institute (PARC), University of Karachi. Infected plants showed severe yellowing and stunted growth. The infected roots were collected for histopathological studies to assess the damage caused by *Meloidogyne incognita*. The cortex was found to be eroded and the cortical cells became congested. Section of female nematode was present in the large giant cells, surrounding the giant cells compressed cells were also seen.