



Pratylenchus, (Nematoda, Pratylenchidae): Diagnosis, Biology, Pathogenicity and Management (Nematology Monographs and Perspectives)

By Pablo Castillo, Nicola Vovlas

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Root-lesion nematodes of the genus *Pratylenchus* are recognised worldwide as one of the major constraints of crops of primary economic importance.

Pratylenchus spp. comprises around 70 nominal species of worldwide distribution which parasitize a wide variety of plants. The book consists of ten chapters and presents summarised and specialised information concerning the importance of the *Pratylenchus* species in: agricultural crops, and their world distribution (chapter 1); taxonomy, systematic, general morphology and diagnostic traits of *Pratylenchus* spp. including new technologies based on biochemical and molecular analyses (chapters 2-6); biology, epidemiology, ecology, host-parasite relationships, and pathogenicity (chapters 7-9). Finally, it illustrates different management strategies for *Pratylenchus* species, including, crop rotation, host-plant resistance, chemical control, soil solarisation, and biological control (chapter 10).

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Review

"[...] this is a nicely presented, well-written book and is a must have volume for anybody who works with this damaging nematode genus." Michael Wilson, "Forest Pathology," 38 (2008) 429 430 Overall this book was well written, coherent and presented in a clear and logical format. The book is likely to be of interest to those who are actively involved with any type of research on *Pratylenchus*. Furthermore, the extensive reference list provides the reader with an excellent starting point for further research. Matthew Back, Plant Pathology, (2009) 58, 999-1000."

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Pablo Castillo, Ph.D. (1988) in Nematology, University of Granada (Spain), is Research Scientist in the Institute of Sustainable Agriculture belonging to the Spanish Council for Scientific Research. He has published extensively on Nematology. **Nicola Vovlas**, BSc in Agronomy, University of Bari (Italy), is Research Leader in Nematology in Institute for Plant Protection, Consiglio Nazionale delle Ricerche. He has published extensively on Nematology. Available from the same authors: *Bionomics and Identification of the Genus Rotylenchus (Nematoda: Hoplolaimidae)* (Brill, 2005).

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