Covering all aspects of practical plant nematology in subtropical and tropical agriculture, the third edition of this definitive global reference work is fully revised and in full colour throughout.

It covers the presence, distribution, symptomology and management of all economically important plant parasitic nematodes damaging the world's major food and cash crops. This includes: rice, cereals, solanum and sweet potatoes (and other root and tuber crops), food legumes, vegetables, peanut, citrus, fruit tree crops, coconut and other palms, coffee, cocoa, tea, bananas, sugarcane, tobacco, pineapple, cotton, other tropical fibres, spices and medicinal plants. New content for this edition includes: A chapter on nematode soil biodiversity and soil health. Reflections on the future impact of nematodes and nematology on food security. The importance of climate change, emerging threats, and new management technologies for large and small subsistence growers. Significant revisions to the IPM chapter and chapters on vegetables, citrus, legumes, tuber crops, cotton, peanut and banana where major advances in nematode management have occurred. This book is highly illustrated, with up-to-date practical guidance on methods of extraction, processing and diagnosing of different plant and soil nematodes and on integrated pest management. It remains an invaluable resource for those studying and working in the area of crop protection.

Publication Year: 2018
Edition: 3rd Ed.
Author/Editor: Sikora, Richard A.; Coyne, Danny; Hallmann, Johannes; Timper, Pa
Publisher: CAB International
ISBN: 978-1-786-39124-7
Platform: Ovid
Product Type: Book
Speciality: Agriculture
Crop Protection
Crop Science & Plant Biology
Forestry
Plant Sciences
Rural Studies
Soil Science
Language: English
Pages: 898
Illustrations: 0