



Biological Control of Insect and Mite Pests in Iran [:A Review from Fundamental and Applied Aspects /

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<http://id.loc.gov/vocabulary/relators/edt>

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Springer International Publishing :

Imprint: Springer,

2021.

Monografía

The book provides a reference to biological control of arthropod pests in agriculture and of public health importance in Iran. A quick glance over the literature shows a long history of biocontrol attempts in the country. Some historically important events highlighting the interest of Iranian academic, research and extension fields to the natural enemies and their applied aspects are provided. Iran, with an exception of the former USSR, was a pioneer in both basic and applied biocontrol in West Asia. The book consists of four parts: three parts for predators, parasitoids and pathogens, and last part for other approaches and analyses of the current state of biological control in Iran. The book provides the most up-to-date information on pest control and related topics of entomology in Iran. The chapters are written by scholars from major Universities and research centers in Iran.

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Título: Biological Control of Insect and Mite Pests in Iran [electronic resource] :A Review from Fundamental and Applied Aspects edited by Javad Karimi, Hossein Madadi.

Edición: 1st ed. 2021

Editorial: Cham Springer International Publishing Imprint: Springer 2021.

Descripción física: XV, 621 p. 77 illus., 42 illus. in color. online resource.

Mención de serie: Progress in Biological Control 1573-5915 18

Documento fuente: Springer Nature eBook

Contenido: Preface -- Chapter 1 : Introduction -- Chapter 2 : History of pest control and entomology in Iran -- Chapter 3: Predators -- Part 3.1. Ladybirds -- Part 3.2. Heteropterans -- Part 3.3. Other predator groups including -- Lacewings, Syrphids, Midges -- Chapter 4: Insect Pathogens -- Part 4.1. Bacterial entomopathogens -- Part 4.2. Fungal entomopathogens -- Part 4.3. Entomopathogenic and insect parasitic nematodes -- Part 4.4. Other entomopathogenic groups including viruses, protistans and Wolbachia -- Part 5.1. Parasitic wasps Chalcidoidea Ichneumonoidea -- Part 5.2. Superfamily Platygastroidea, Natural enemies of true bugs, moths, spiders and other insects -- Part 5.3. Egg parasitoids of Iran, Superfamily Chalcidoidea, with particular emphasis on Trichogrammatidae -- Part 5.4. Biological control in pomegranate orchards -- Part 5.5. Aphids Parasitoids : Aphidinae -- Part 5.6. Parasitic flies -- Chapter 6: Biological Control of mite pests in Iran -- Chapter 7: Biological control of some medically important flies in Iran -- Chapter 8: Final comments and conclusions -- Limitation of biocontrol program in Iran -- Future of Biocontrol in Iran -- Subject Index.

ISBN: 9783030639907 978-3-030-63990-7

Materia: Entomology Agriculture Entomology Agriculture

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Entidades: SpringerLink (Online service)

Enlace a formato físico adicional: Printed edition 9783030639891 Printed edition 9783030639914 Printed edition 9783030639921

Punto acceso adicional serie-Título: Progress in Biological Control 1573-5915 18.

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