



Biological Pest Control Through Ichneumonids

By T.V. Sathe

Daya Publishing House/Astral International (P) Ltd., 2015. Hardcover. Book Condition: New. Ichneumonids are potential biocontrol agents of insect pests and widely used in biological pest control programs in the world. Therefore, this book contains following chapters on Ichneumonids, *Prestomerus testaceus*, *Charops obtusus* and *Diadegma fenestralis*. 1. General introduction 2. Methods of rearing of Ichneumonids and pests 3. Collection, identification and abundance 4. Life cycles 5. Host age selection 6. Host density 7. Intrinsic rates of increase 8. Eco-biology: Temperature, development and survival 9. Ethology: Mating, oviposition and emergence 10. Diapause 11. Methods of biological control. 12. Few research papers. I hope that this is unique book on Ichneumonids and will be useful for farmers, students, teachers, scientists and industrialists. Contents: 1. General Introduction 1 2. Materials and Methods 10 3. Collection, Identification and Abundance of Ichneumonids 23 4. Life History of Parasitoids 30 5. Host Age Selection 45 6. Host Density 54 7. Fecundity and Intrinsic Rate of Increase 60 8. Ecobiology: Effect of Temperature on Development and Survival 74 9. Behavioural Aspects 81 10. Diapause in Ichneumonids 85 11. Methods of Biological Control 89 12. Research Papers 92 Bibliography 111 Printed Pages: 127.

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