INSECT PEST MANAGEMENT

UNDER CLIMATE CHANGE

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PREFACE

"Insect Pest Management under Climate Change" navigates the dynamic interface between two critical spheres—environmental shifts and pest control strategies. As our climate evolves, so do the challenges posed by insect pests. This book delves into innovative methodologies, leveraging both traditional wisdom and cutting-edge technologies, to tackle this ever-evolving threat. Through collaboration and interdisciplinary insights, we aim to equip readers with the knowledge to protect crops, ecosystems, and our planet amidst the changing climate landscape.

CONTENT

ABOUT THE AUTHORS

Dr. Shamik Dey currently working as Assistant Professor and Teacher In Charge,Department of Agricultural Entomology, School of Agricultural Sciences, JIS University. Dr. Dey has obtained B.Sc (Ag). from Bidhan Chandra Krishi Viswavidyalaya and completed M.Sc and Ph.D. specialization in Agricultutal Entomology. He has published Twenty-two research articles with four book chapters and received seven national awards. Dr. Dey is currently working as Life Membership of Applied Zoologists Research Association (AZRA), Society for Fertilizers and Environment (SFE), Asian Biological Research Foundation (ABRF).

Himanshu Thakur is working as Junior Research fellow in All India Network Project on Soil Arthropod Pests. He did his Under-Graduation from Dr.YS Parmar University of Horticulture and Forestry, Nauni, Solan in Horticulture and Post-Graduation from GB Pant University of Agriculture and Technology, Pantnagar in Agricultural Entomology. He is currently pursuing his Ph.D. in Agricultural Entomology from CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur. He has qualified ICAR-ASRB NET, ICAR JRF and SRF examinations and received ICAR Fellowship during Ph.D. He has several publications in journals of national and International repute and is recipient of different academic awards from professional societies and organizations.

Dr. Mohammad Abdul Waseem currently serving as Assistant Professor in the department of Basic and Social Sciences at Forest College and Research Institute, Mulugu. He completed his Master of Science in Agricultural Entomology from College of Agriculture, Allahabad Agricultural University, with his M.Sc. research focused on Impact of different intercrops for the management of gram pod borer (Helicoverpa armigera) in chickpea. He obtained his Doctorate in Entomology specializing in Apiculture, from Dr Y. S Parmar university of Horticulture and Forestry, where he worked on "Effect of fipronil and lambda cyhalothrin on colony performance of Apis mellifera under field and semi-field conditions". He has participated in 5 training programs and presented his research findings in various National and International Conferences. Totally he has 4 research publications, 5 book chapters and 4 popular articles to his credit. He is also a member in The Entomological Society of India and Association of Agrometeorologists.

Sabitha Chellem is currently pursuing Doctor of Philosophy in Entomology in Agricultural college, Bapatla, ANGRAU, Andhra Pradesh. She has done her Masters from Agricultural College, Naira during 2018-2021 and her Undergraduation studies from Agricultural College, Bapatla during 2013-2017, both from Acharya N.G. Ranga Agricultural University, Andhra Pradesh. She has cleared the ASRB-NET exam in the year 2021. She also worked as Teaching Associate in the department of Entomology in Agricultural College, Naira in 2021-2022.

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