

SUSTAINABLE SERICULTURE

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Preface

Sericulture, the art and science of silk production, has long been an integral part of rural livelihoods and cultural heritage across many regions of the world. In recent years, the need to align traditional practices with environmental sustainability has become increasingly important. *Sustainable Sericulture* emerges as a response to this need, offering a comprehensive perspective on eco-friendly, economically viable, and socially responsible silk production systems.

This book aims to bridge the gap between traditional knowledge and modern innovations by emphasizing sustainable practices such as organic mulberry cultivation, integrated pest management, efficient resource utilization, and waste recycling. It highlights how sericulture can contribute to rural development, employment generation, and biodiversity conservation while minimizing ecological footprints.

The content has been carefully designed to serve students, researchers, policymakers, and practitioners who seek to understand and implement sustainable approaches in sericulture. It also underscores the role of scientific advancements, climate-resilient techniques, and policy support in ensuring the long-term viability of the silk industry.

By promoting a holistic approach, this work aspires to encourage responsible production and consumption patterns, ensuring that sericulture continues to thrive without compromising environmental integrity. It is hoped that this book will inspire readers to adopt sustainable practices and contribute meaningfully to a greener and more resilient future for the sericulture sector.

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