

Emerging Trends in Agriculture Sciences

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Preface

"Emerging Trends in Agriculture Sciences" is a comprehensive book that provides an in-depth understanding of Emerging Trends in Agriculture practices. The book covers a wide range of topics, from crop physiology and genetics to nanotechnology in agriculture. It emphasizes the importance of sustainable crop production systems, water management, agroecology, digital agriculture, and precision farming.

The book begins with an introduction to modern agronomy, emphasizing the importance of understanding the basic principles of agronomy to improve productivity and reduce production costs. The following chapters cover various topics, including crop physiology and genetics, soil science and nutrient management, sustainable crop production systems, water management in agriculture, agroecology and biodiversity conservation, digital agriculture and precision farming, climate-smart agriculture and resilience, agricultural policy and economic perspective, regenerative and carbon-neutral agriculture, advanced farming systems, nanotechnology in agriculture, and agroforestry.

This book targets a wide audience, including students, researchers, and professionals in the field of agriculture. It is an excellent resource for students studying agronomy or related fields, providing them with a comprehensive understanding of modern agriculture practices. Additionally, researchers in the field of agriculture will find this book helpful in keeping up-to-date with the latest advances in agronomy practices and technologies. Professionals working in the agricultural industry will also benefit from this book, as it provides practical information that can be applied to improve crop production and efficiency.

We are also thankful to Dr. Jitendra Mehta, Vital Biotech Publications, Kota, Rajasthan for publishing this book with professional care and zeal. The co-operation of the editorial office team of the publication house, right from the beginning to the final publication is highly appreciated. The contribution of all other editors and authors to make this book a success is highly appreciated.

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