# RECENT ADVANCES IN AGRONOMY & SOIL SCIENCE

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# Preface

In the ever-evolving landscape of agriculture and environmental science, the pursuit of sustainable and efficient methods to feed our growing global population while preserving our planet's precious resources has never been more critical. "Recent Advances in Agronomy and Soil Science" is a testament to the ongoing dedication and innovation within these fields, providing a comprehensive exploration of the latest breakthroughs, cutting-edge research, and emerging trends that are shaping the future of agriculture and soil science.

"*Recent Advances in Agronomy and Soil Science"* comprises a collection of insightful chapters authored by leading researchers, scientists, and practitioners who share their knowledge, experiences, and visions for the future. The book is divided into sections covering a wide spectrum of topics, from soil health and fertility management to precision agriculture, nano fertilizers, bio-fumigation, natural farming and agronomic biofortification. Readers will find in-depth discussions on topics such as soil microbiology, crop genetics, agroecology, and the utilization of big data analytics in agriculture.

We would like to extend our gratitude to the contributing authors, whose expertise and dedication have enriched this book, and to the readers whose curiosity and commitment drive progress in agronomy and soil science. As editors, we hope that this collection of recent advances serves as a valuable resource for students, researchers, policymakers, and practitioners alike, inspiring and guiding the ongoing journey toward a more sustainable, productive, and resilient agricultural future. In closing, we invite you to embark on this journey through the pages of "Recent Advances in Agronomy and Soil Science." May the knowledge and insights contained within these chapters inform your understanding, spark your creativity, and contribute to the collective effort to meet the challenges of our time and cultivate a healthier, more sustainable planet.

I am 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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