

#### About This Book...

This book 'Application of microbial siderophores for improving yield of sugarcane' details the eco-friendly efforts that can be employed in modern agricultural practices for boosting sugarcane production by using selective PGPR. The direct and indirect mechanisms deployed by PGPR to promote plant development are being intensively studied by researchers all over the world. In the work described here, we looked at the possibility of increasing sugarcane produce through the use of microbial siderophores (biological iron chelators) and the control of soil-borne fungal infections.

#### About The Author...



Dr. Deepak V. Vedpathak is working as an Associate Professor in Department of Microbiology of Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, Maharashtra. He has 26 years of teaching experience to undergraduate and postgraduate students. He is a Swami Ramanand Teerth Marathwada University recognized research guide and has a research experience in the field of Agricultural Microbiology. He has published two books related to Immunology as a coauthor.

Many of his research papers have been published in reputable national and international journals. He has a UGC, New Delhi sponsored major research project at his credit. He has presented many research papers and also worked as a resource person in various national and international conferences, seminars and workshops.

ISBN 9788195513819



<https://adventpublishing.in>

Application of Microbial Siderophores for Improving Yield of Sugarcane – Vedpathak

## Application of Microbial Siderophores for Improving Yield of Sugarcane

Dr. Deepak Vedpathak



 | Advent Publishing