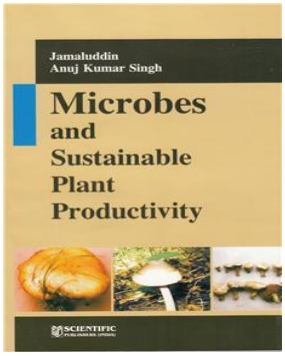
View Book Details

Microbes and Sustainable Plant Productivity



Jamaluddin & Anuj Kumar Singh

ISBN	: 9789386102577	Book Format	: Book
		Binding	: Paper Back
Language	: English	Edition	: 1
Imprint	: Scientific Publishers	© Year	: 2016
Pages	: 188	Trim Size	: 6.50 X 9.75
Weight	: 480 Gms		

Print Book : ₹550.00

Blurb

3This book endeavors to explore the role of different groups of microbes in the biodiversity enrichment, forest productivity, land restoration, agricultural productivity and green technology. In this book emphasis is mainly given on mutualistic interactions especially on plant Mycorrhizae and Plant growth promoting rhizobacteria (PGPR).

Table of Contents

1. ARBUSCULAR MYCORRHIZAL FUNGI HAVE A POTENTIAL ROLE IN TROPICAL FORESTRY – D.J. Bagyaraj
2. AM FUNGAL TAXONOMY AND GERMPLASM DEVELOPMENT: SOME ASPECTS – C. Manoharachary and B. Bhadraiah
3. STUDIES ON ECTOMYCORRHIZAL (ECM) FUNGI AND THEIR ROLE AS BIOFERTILIZERS IN FORESTRY – V. Mohan
4. STUDIES ON THE VAM FUNGI OF ARID TREE SPECIES AND ITS SIGNIFICANCE IN AFFORESTATION – K.K. Srivastava, V. Mohan and Neelam Verma
5. MYCORRHIZAE: A PROMISING STEP TOWARDS GREEN TECHNOLOGY – Richa Raghuwanshi and R. S. Upadhyay
6. ROLE OF BIOFERTILIZER ON GROWTH OF SANDAL PLANTS – Nagaveni, H. C.
7. DIVERSITY OF AM FUNGI IN FOREST NURSERY AND PLANTATION IN JABALPUR – Pratiksha Chaturvedi and Jamaluddin
8. SYMBIOTIC ASSOCIATION OF ARBUSCULAR MYCORRHIZAL FUNGI (AMF) IN SELECTED ARID ZONE TREE SPECIES AND THEIR IMPACT ON GROWTH OF SEEDLINGS – Lokendra Singh, K.K. Srivastava and Neelam Verma
9. APPLICATION OF MYCORRHIZAL FUNGI IN NURSERY – Jamaluddin
10. ARBUSCULAR MYCORRHIZAL FUNGI PLAY A MAJOR ROLE IN AGRICULTURE AND NATURAL ECOSYSTEMS TO IMPROVE PRODUCTION IN SUSTAINABLE MANNER – Kamal Prasad
11. DIVERSITY OF ARBUSCULAR MYCORRHIZAL (AM) FUNGI ASSOCIATED WITH COMMERCIALLY IMPORTANT PLANTATION SPECIES IN THE NILGIRI BIOSPHERE RESERVE AREAS IN TAMIL NADU – V. Mohan and A. Keerthi
12. EFFICACY OF AM FUNGI AGAINST RHIZOCTONIA SOLANI – A DAMPING -OFF CAUSING PATHOGEN OF TECOMELLA UNDULATA – K.K. Srivastava, Neelam Verma and Sunil Kumar
13. APPLICATION OF BIOCONTROL AGENTS IN FORESTRY – V.S. Dadwal and Savitri Bhartiya
14. ARBUSCULAR MYCORRHIZAL FUNGI ASSOCIATED WITH OIL YIELDING PLANTS – Ajay Kumar Gond and A.K. Pandey
15. MICROBES IN GREEN TECHNOLOGY AND CARBON SEQUESTRATION IN MINE DEGRADED LAND – Anuj Kumar Singh and Rahul Bhadouriya
16. INTERESTING LICHENS FROM GARHWAL HIMALAYA WITH PARTICULAR REFERENCE TO CYANOBACTERIAL PHYCOBIONT – Amit Jakhal and M. P. Sharma

This is computer generated document and does not require signature