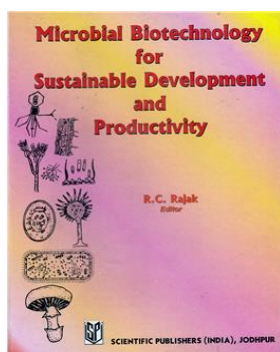


Microbial Biotechnology for Sustainable Development and Productivity



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Blurb

The Book has been brought out on the occasion of superannuation of Prof. Suresh K. Hasija, an eminent mycologist of the country. The main objective in compilation of this volume is to highlight the developments and achievements of biotechnology of microbes and its role in sustainable development and productivity. The review articles in this volume are contributed by the Scientists of our country and abroad, who are actively engaged in their field of research falling either in Agricultural, Industrial, Environmental or Medical Biotechnology. Sustainability is the key for long term security on earth and there is a growing concern in every corner for devising and implementing concepts of sustainability into economic practices. The microbial biotechnology has been the key to sustainability in industry, agriculture, forest and management of environment. Tremendous achievements in Microbial Biotechnology have been made during the past few years and the closing years of the 20th century, is the best time to review these achievements. Significant enhancement in productivity through interventions of bio-inoculants and eco-friendly bio-pesticides, bio-transformation of agricultural and forest organic wastes into food, fuel, pulp and paper and useful chemicals, clearing of arsenic dumps, large scale production of industrially useful chemicals etc. could only become possible through microbial biotechnology in a sustainable manner. The book presents up-to-date information about the application of microbial biotechnology to meet the ever increasing demand of food, medicine, crop plants, useful chemicals and management of environment.

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