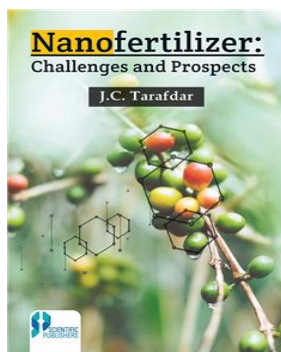


Nanofertilizers: Challenges and Prospects



[J.C. Tarafdar](#)

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Blurb

Based on long experience in nanofertilizer research, the author has prepared this excellent book for the academician, students, researchers, farmers and industries. The purpose of this book is to draw attention on Nanofertilizer which has the potential to replace chemical fertilizer with balanced nutrient supply, high efficiency with better crop yield. It has the potential to improve food security, productivity and soil health. There are fifteen chapters in this book covering entire aspects of nanofertilizers including its unique features, scope, synthesis, stability, factors affecting production, characterization, application procedures, effects on soil and plants, physiological effects, use efficiency, gum production and stress tolerance, crop yield, safety aspects, future prospects and its environmental and social safeguard aspects. The information contained in this book would prove very useful to the researchers, teachers, policy makers engaged in agricultural sectors as well as people to develop innovative technologies for sustainable economic agriculture.

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