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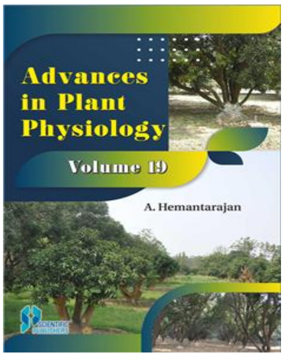
Advances in Plant Physiology Vol 19



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Blurb

The strengthening of Volume 19 of the Advances in Plant Physiology series has been entirely due to commendable contributions by scientists of eminence in unambiguous fields. The endeavor of publishing the International Treatise Series on Plant Physiology has to really sort out the meagerness of significant researches, which are earnestly required for rising productivity, prosperity and sustainability of agriculture through notably emerging technologies for reformation in metabolic boundaries necessitates mainly for abiotic stress factors.
The Volume 19 has been broadly subdivided into six pertinent sections including special supplements that precisely begins with considerable pieces of information on recent developments in adaptation of photosynthesis to variable light conditions; Melatonin: Role in plant growth and development; Proteomics as a tool for assessment of metal toxicity in crop plants, Impact of engineered nano particles (ENPs) on plant development and growth, Crop adaptation under climate change and so on. The special supplements section consist of 2 reviews dealing with how photosynthesis process changes with change in light condition and role of melatonin in plant growth and development which is a promising molecule for management of abiotic stress. Section 1 consists of 2 chapters focusing upon the application of new technologies in plant science research.

Table of Contents

Section III:

Climate Change and Climate Shift

Crop Adaptation under Climate Change

Climate Shift and its Ecological Implications

Section IV:

Micronutrient Uptake, Transport & Toxicity Tolerance

Boron Uptake, Transport and Toxicity-Tolerance in Plants

Section V:

Nanoparticles and Biominerals in Growth and Metabolism

Impact of Engineered Nanoparticles (ENPs) on Plant Development and Growth: A Review

Minor and Rare Biominerals In Plants

Arsenic Profanity in Agro-Ecosystem and Its Effect on Plant Metabolism