

The Book

The creation of *Volume 7 of Advances in Plant Physiology* has been made possible entirely due to praiseworthy contributions from World Scientists of eminence in unequivocal fields. It is delightful to mention that within seven years, this treatise has promptly made a room in the hearts of distinguished readers all through the globe explicitly attaining an international position. The competent *International and National Co-ordinators* have all along shared their views for the convenience of readers enabling them to speed-up significant research work. Since the pertinent pieces of information about this treatise has been already launched on the website, hence, is with no uncertainty being circulated to each and every curvature of the earth. The *Volume 7* is certainly only one of its kinds for a rare integration of most timely and indispensable worthy reviews of manifold significance contributed by sincere dedication of over fifty two experienced, commendable and well-known scientists / stalwarts, of which thirty six participated from abroad. In addition, this volume appears to be unique in several ways especially by insertion of a few but vital *new sections*, viz., *Plant-Microbe Interactions and Pathogen Attack*, *Molecular Advances in Plant Metabolism* etc. together with other worthy ones meticulously sub-dividing *Volume 7* into ten different parts to encompass *twenty one* noteworthy chapters.

Illustrious scientists who have been actively engaged in diverse area of research with all-embracing knowledge, time-honoured record of distinction and outstanding authorities have put into producing up-to-date reviews, which really strengthen the execution of the noble theme, enormously crucial in the establishment of active science of practical viability for sustainable agriculture and crop productivity in the juvenile but vigilant millennium.

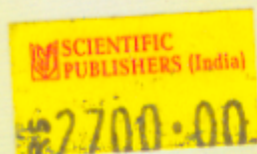
In fact the treatise is prosperity for interdisciplinary exchange of information. Apart from satisfying the acute need of this kind of exclusive edition in different volumes for research teams and scientists engaged in various facets of research in Molecular Plant Physiology and Biochemistry in traditional and agricultural universities, institutes and research laboratories throughout the world, it would be extremely a constructive book and a voluminous reference material for acquiring advanced knowledge by post-graduate and Ph.D. scholars in response to the innovative courses in *Plant Physiology*, *Plant Biochemistry*, *Plant Molecular Biology*, *Plant Biotechnology*, *Environmental Sciences*, *Plant Pathology*, *Microbiology*, *Soil Science & Agricultural Chemistry*, *Agronomy*, *Horticulture* and *Botany*.

The Editor

Dr. A. Hemantaranjan, Associate Professor, Department of Plant Physiology, Banaras Hindu University, Varanasi, India as well as *Fellow, Indian Society for Plant Physiology [FISPP]*. He has been teaching since 1984, guiding and conducting researcher in the area of plant micronutrients and growth regulators with reference to plant/crop physiology in various capacities under the U.G.C. and C.S.I.R. In 1988, he became the recipient of "Research Scientist A Award" conferred on him by the University Grants Commission, Govt. of India. Over 65 of his research papers and review articles/book chapters are published in journals/treatise of international repute. He is the recipient of advanced trainings in India and abroad related to plant sciences, in general, and plant mineral nutrition, in particular. He was one of the active organizers of the *International Conference on Plant Physiology, 1991* sponsored by Indian Society for Plant Physiology, New Delhi and Association of Plant Physiologists of SAARC Country in the year 1991. In 1987, he presented three valuable research papers in the *Fourth International Iron Symposium* and actively participated in the *Round Table Discussion* on invitation at the University of New Mexico, Albuquerque, U.S.A. amongst one of the three Indian Scientists. In 1994, he delivered an invited lecture in the *Sixth International Trace Element Symposium* at the University of Horticulture, Budapest, Hungary and also visited University of Wien, Vienna, Austria, in this connection. He has also published treatises on "Advancements in Iron Nutrition Research" and "Advancements in Micronutrient Research" in the years 1995 and 1996 respectively. Above and beyond, he is Life Member of many Indian and overseas *Learned Bodies in Biology and Agriculture*. He has also acted as the Consulting Editor, *Indian Journal of Plant Physiology*.



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