

The organization of *Volume 10* of the *International Treatise Series* has been done absolutely due to commendable contributions from World Scientists of distinction in unequivocal fields. Incredibly, within the time span of ten years, now this treatise has been duly recognized through ISI Web of Knowledge *Current Contents* in the hearts of distinguished readers and has beyond uncertainty achieved the international status. This plan has been undertaken with a view to strengthen the indistinguishable efforts to recognize the result of meticulous research in some of the very sensible and stirring areas of *Molecular Physiology & Biology of Plants*. In order to sustain and further advance *Plant Physiology*, it is dedicated to continue the originality and the introduction of spanking new ideas, ensure that the treatise welcomes the best science done across the full extent of modern plant biology, in general, and plant physiology, in particular, persevere on advancing the quality of what is published, place high value on the quality of production, and be highly attentive and responsive to the rapidly changing face of academic publishing. In spite of handiness of quick accessibility of vast literature from internet, this treatise series in the field of life sciences has been realized over and above to be like a true guide, friend and philosopher, everlastingly enlightening the most hidden perceptible nerves of an individual worker, which is beyond the competence of mere web service. In *Volume 10*, with creative applied research, attempts have been made to bring together much needed **twenty-two review articles** by **Fifty-eight contributors** from Australia, Belgium, France, Germany, India, Italy and Spain dispersed duly evaluated by the respective Consulting Editors of international stature from *India, U.S.A., Argentina, Brazil, France, Greece, Italy, Japan, Spain, and Poland*, rationally dispersed in *Eight Sections*. Creditably in this volume, over eight important reviews belong to the field of *Environmental Stresses* besides covering significant areas of research.

In reality the treatise is wealth for interdisciplinary exchange of information. Apart from fulfilling the firm need of this kind of exclusive edition in different volumes for research teams and scientists engaged in various facets of research in *Molecular Physiology and Biology of Plants* 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*.



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Delhi and Association of Plant Physiologists of SAARC Countries in the year 1991. In addition, he has been delivering invited lectures/guest lectures, presenting research papers and participating in meaningful scientific deliberations, etc. in numerous scientific gatherings organized by the universities in India and abroad. In 1987, on invitation, he presented three valuable research papers in the *Fourth International Iron Symposium* and actively participated in the *Round Table Discussion* 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. Besides the publication of this international treatise series on *Advances in Plant Physiology*, he has also published treatises on "Advancements in Iron Nutrition Research" and "Advancements in Micronutrient Research" in the years 1995 and 1996 respectively. Recently, he has published an important book of global significance on "Environmental Physiology" elucidating abiotic stress responses in plants at physiological and molecular levels, the crucial need of time. He has also acted as the Consulting Editor, *Indian Journal of Plant Physiology, Indian Journal of Pulse Research, Legume Research (An International Journal) - Agricultural Research Communication Centre*, etc. and has been working for many more journals.



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