



Irritability of Plants

By J.C. Bose

Discovery Publishing House Pvt. Ltd., 1999. Hardcover. Book Condition: New. This book is the result of the author's investigations on the irritability of Plants. The Author scientifically explains the plants responsiveness to change in the Physical or Biological Environment by the Employment of the Electrical mode of investigation, the author has shown that not sensitive plants alone, but every plant, and every organ of every plant, is excitable, the author also has shown in this book, even in the matter of Mechanical response, longitudinal contraction under excitation may be demonstrated in, the case of various organs of ordinary plants. The various manifestations of irritability in the plants have been shown to be identical with those of in the animal. From the standpoint of the theory of evolution this will be found highly significant. It may be predicted that the Recognition of this unity of response in Animal and Plant will in no small degree further the Progress of plant physiology. Many difficult problems in animal physiology, moreover, will find their solution in the experimental Study of corresponding problems under simpler conditions of Vegetable life. The study of the responsive Reactions in plants must, therefore be regarded as of fundamental importance...



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