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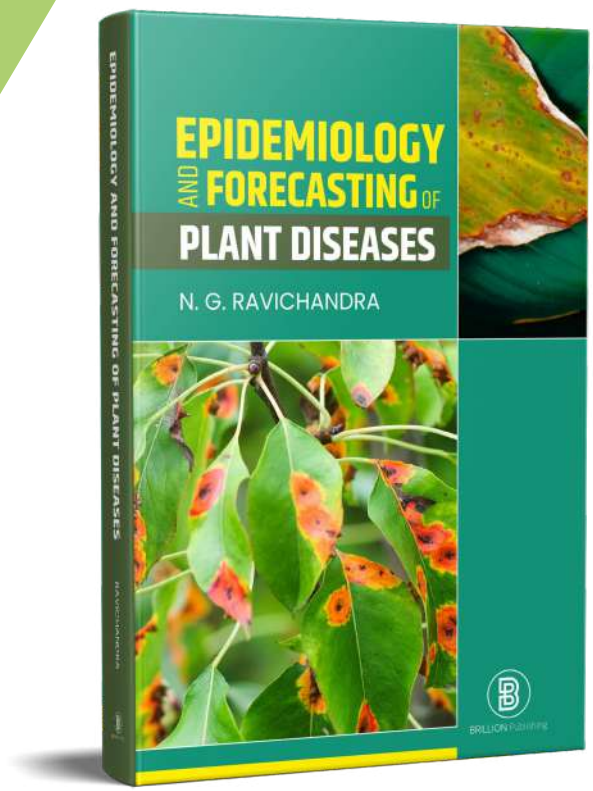

EPIDEMIOLOGY AND FORECASTING OF PLANT DISEASES

This book covers the syllabus prescribed by the Indian Council of Agricultural Research, New Delhi for the course 'Epidemiology and Forecasting of Plant Diseases" for the post undergraduate students in State Agricultural & Horticultural Universities and hence, is of special importance to students.

The entire book contains up-to-date information under 10 chapters viz., Epidemic Concept and Historical Developments ; Pathometry and Crop Growth Stages ; Epidemic Growth and Analysis ; AUDPC and Correction Factors ; Inoculum Dynamics ; Population Biology and Temporal Spatial Variability of Pathogens, Survey, Surveillance and Vigilance ; Crop Loss Assessment and Models; Plant Disease Forecasting ; Early Forecasting / Warning of Diseases; Modeling Disease Growth and Disease Prediction.

The contents of this book, reflecting an extensive literature search, will also be useful for the teaching, research and extension faculty in Agricultural and Horticultural Universities, the State Departments of Agriculture, Horticulture, Forestry, Sericulture & Fisheries, Plant Protection Organizations, Plant Quarantine Units, Administrators & Policy makers and all those who are interested and concerned with plant protection. Appropriate diagrams, convincing tables and suitable graphs / illustrations have been furnished at right places. A bibliography providing the list of references cited has also been included at the end of each chapter.

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