

A FUNDAMENTAL BOOK ON PLANT PATHOLOGY



Prof. Tanmay Ghosh

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PLANT PATHOLOGY**

Prof. Tanmay Ghosh

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*This Book is dedicated to my Parents,
Students and Well-wishers.*

PREFACE

From deepest of my heart containing the warm pleasuring wishes I present the thoroughly revised and studied with high effects, the first edition of “An Essential Book on Plant Pathology”. I hope the book will become helpful to all the readers of this book written with immense hard work and desperation. The book is consisting 6 units and 36 chapters. The unit 1 is focusing on the introduction and History of Plant Pathology. The unit 2 is containing the vast information about Stages in Development of a Disease. The Plant Disease Epidemiology is widely discussed in unit 3. Detection of Host Pathogen Interaction is described in unit 4. Unit 5 is filled with the information about control of plant disease. Some specific plant diseases are described in chapter 6 as. Important plant disease caused by fungi: 1. Late blight of Potato – *Phytophthora infestans*.,2. Brown spot of Rice by *Helminthosporium oryzae*.,3. Black stem rust of wheat – *Puccinia graministritici*., 4. Loose smut of wheat – *Ustilago nuda*.

Important diseases caused by viruses: 1. Banana bunchy top, 2. Rice tungro.

Important disease caused by Viroids: Coconut Cadang Cadang.

At first I wish to thank to my parents who become the pillars of my life on which I am standing. Therefore, want to thank my students and well wishers for standing with me.

I am also thankful to the publishers for the speedy and quality production.

2021.

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