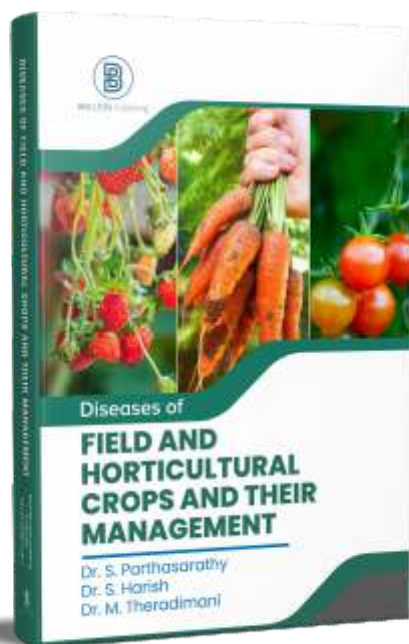




## Diseases of

FIELD AND HORTICULTURAL  
CROPS AND THEIR MANAGEMENT

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This book is meticulously structured to align with the ICAR Fifth and Sixth Dean's Committee syllabus for undergraduate programs in Agriculture and Horticulture. Especially, the UG courses as per Fifth Sixth Dean's Committee Syllabus- Diseases of Field and Horticultural Crops and their Management Vol I at Semester V and Diseases of Field and Horticultural Crops and their Management Vol II at Semester VI, and Diseases of Field and Horticultural Crops and their Management at Semester V. It provides a comprehensive overview of major diseases affecting field and horticultural crops, covering symptoms, etiology, disease cycles, epidemiology, and management strategies. Additionally, it includes an extensive list of significant diseases for broader understanding. It also includes objective-type questions like MCQs, fill-in-the-blanks, and subjective questions to aid exam preparation, including ICAR-JRF/SRF and other competitive tests. Primarily intended for Plant Pathology courses, it serves students across disciplines such as Agriculture, Horticulture, Botany, Forestry, and Mycology. Beyond academia, this book is a valuable reference for researchers, educators, plant protection specialists, extension workers, and agricultural officers. Written in simple language, it bridges knowledge gaps, making plant pathology accessible even to beginners. As the demand for well-trained graduates in plant disease management grows, this book serves as both a textbook and a practical guide for students, educators, and professionals alike.

**Features**

1. Comprehensively covers diseases of major field and horticultural crops, including their symptoms, etiology, disease cycles, and management strategies.
2. Student-friendly organized tables, simple language, and structured content enhance learning. Includes MCQs, fill-in-the-blanks, and subjective questions to aid exam preparation.
3. Useful multi-purpose resource for undergraduate and postgraduate students, competitive exam aspirants (ICAR-JRF/SRF, UPSC, etc.), researchers, plant protection specialists, and agricultural officers.

Dr. S. Parthasarathy | Dr. S. Harish | Dr. M. Theradimani

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- Diseases of Wheat - *Triticum aestivum* L.
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- Diseases of Pearl millet / Bajra / Cumbu - *Pennisetum glaucum* (L.) R.Br.
- Diseases of Finger Millet / Ragi - *Elesine coracana* Gaertn.
- Diseases of Groundnut / Peanut / Monkeynut / Goober pea / Earthnut- *Arachis hypogaea* L.
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- Practice Tests

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