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Sommario/riassunto

Fusarium is commonly associated with higher plants and are among the most ubiquitous fungi in terrestrial ecosystems. Many fusarium species are serious plant pathogens, causing symptoms such as necrotic lesions, rot, and wilt. In this book, the authors present current research in the study of the epidemiology, environmental sources and prevention of fusarium. Topics include the development of natural products from fusarium including chemotherapeutic agents for human diseases and agricultural applications; the molecular basis of fusarium wilt in tomatoes and disease management; lectin preparations for the biocontrol of fusarium species and fusarium head blight and DON contamination management in soft and durum wheat cultivation.