



Recent advances in crop protection

By P. Parvatha Reddy

Springer-Verlag GmbH Sep 2012, 2012. Buch. Book Condition: Neu. 261x184x25 mm. Neuware - In the recent years, the need to increase food production to meet the demands of rapidly increasing population from a limited land resource necessitated the use of intensive farming systems, with the inputs like narrow genetic base, high dose of fertilizers, pesticides, irrigation, monocropping, etc. which led to the development of diseases and pest. The effect of changing global climate, particularly the sharp increase in CO₂ concentration, has increased the susceptibility of plants to pathogens and pests. Because of the chemicalization of agriculture, the age-old eco-friendly pest management practices like sanitation, crop rotation, mixed cropping, adjustment of date of planting, fallowing, summer ploughing, green manuring, composting, etc. are not being practiced, affecting the crops adversely. This has encouraged researchers to look for eco-friendly and novel approaches for pest management. The information on recent advances in crop protection (involving bacteria, fungi, nematodes, insects, mites and weeds) is scattered. The book delves upon the most latest developments in crop protection such as avermectins, bacteriophages, biofumigation, biotechnological approaches; bio-priming of seeds; disguising the leaf surface; use of non-pathogenic strains, plant defense activators, plant growth promoting rhizobacteria, pathogenesis-related proteins, strobilurin fungicides,...



READ ONLINE
[4.05 MB]

Reviews

Here is the best ebook we have read through right up until now. I could possibly comprehend every thing out of this written e pdf. Its been written in an remarkably easy way and is particularly only following i finished reading through this ebook by which in fact changed me, change the way i really believe.

-- **Etha Pollich**

This sort of pdf is everything and got me to searching forward and a lot more. Of course, it is engage in, nevertheless an interesting and amazing literature. I realized this ebook from my i and dad encouraged this book to find out.

-- **Miss Bella Volkman Sr.**