

Narayanasamy, P.: **Immunology in Plant Health and Its Impact on Food Safety**. - Food Products Press, An Imprint of the Haworth Press, New York - London - Oxford 2005. 412 pp. USD 49.95. ISBN 1-56022-287-5.

This book presents great progress in immunological techniques and highlights the importance of their use in a broad range of applications in plant health and safety.

The book is divided into five parts which are furthermore separated in the individual chapters. Immunological techniques demonstrated here are not expensive, effective, simple, sensitive, and reliable. The usefulness of immunological techniques for effective application of various approaches of plant health management, such as development of resistant cultivars through genetic manipulation, induction of resistance to diseases, and production of disease-free crops, have been demonstrated.

The book provides the essential information, based on

an extensive compilation. There are also presented protocols for various immunological assays.

The book is easy to read, providing indispensable information on immunological techniques for the detection, quantification, and characterization of microbial pathogens and plant related proteins in plants exposed to biotic and abiotic stress. It also covers their application in the assessment of contaminants in food and feeds.

The book is meant for a wide audience, it will stimulate the interest of both the student and the scientist and also practising plant pathologists and food/environment protectionists.

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