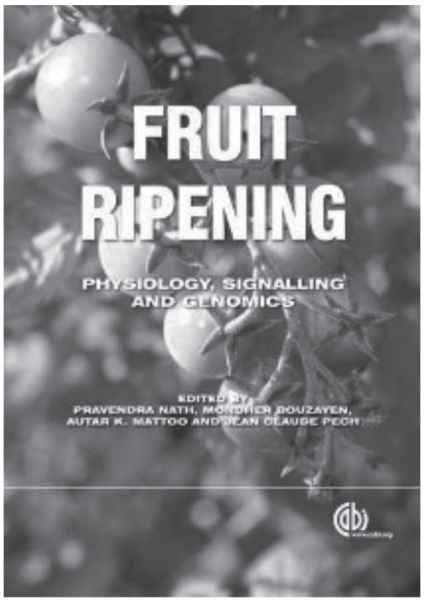
Fruit Ripening Physiology, Signalling and Genomics

Pravendra Nath, M. Bouzayen, J.C. Pech (Editors)



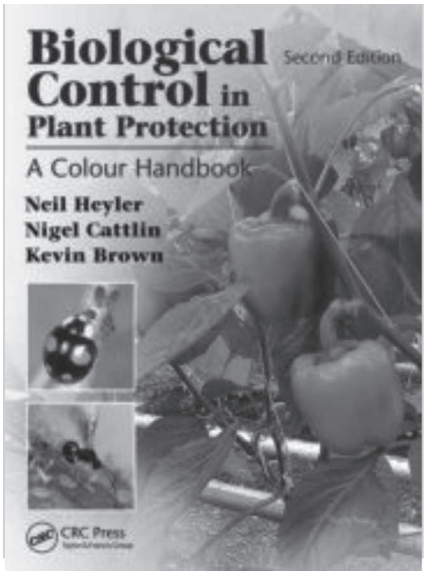
Fruit ripening is an important aspect of fruit production. The timing of it affects supply chains and buying behaviour, and for consumers ripeness not only affects perceptions of health but has nutritional effects too. Ripeness is closely related to spoilage which has a major financial impact on agricultural industries. Currently there are fast moving developments in knowledge of the factors affecting fruit ripeness, and this up-to-date monograph seeks to draw together the disparate research in this area. The aim of the book is to produce a comprehensive account covering almost every area related to fruit ripening including the latest molecular mechanisms regulating fruit ripening, its impact on human nutrition and emerging research and technologies. Readership: Research libraries and academic libraries in post harvest production and fruit physiology.

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Biological Control in Plant Protection (2nd Ed.) A Colour Handbook

Neil Helyer, Nigel Cattlin, Kevin Brown



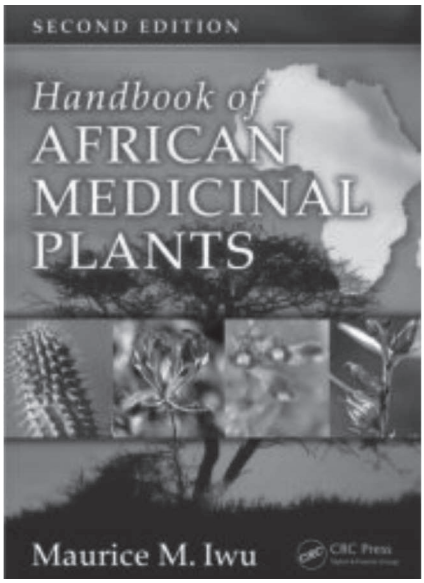
This completely revised edition continues the objective of providing a handbook with profiles and full-color photographs of as many examples of biological control organisms from as wide a global area as possible. It is designed to help readers anticipate and recognize specific problems of pest management and then resolve them using the natural enemies of pests – parasites, predators, and pathogens.The authors first describe the impact of predator-prey relationships on host plant species in arable, orchard, and protected environments. The main sections of the book include profiles of pests, beneficial arthropods (insects and mites), and beneficial pathogens (bacteria, fungi, viruses, and nematodes), featuring a tabular pest identification guide. Descriptions of biocontrol organisms are divided into four sections: species characteristics, lifecycle, crop/pest associations, and influences of growing practices. The text is illustrated throughout with color photographs of the highest quality. The handbook is a valuable reference guide for professional, academic and lay readers: growers, farmers, consultants, scientists, and students.

CRC Press (Taylor & Francis Group), hardbook, April 2014, English, 276 p., 568 Illustrations, hardback,
ISBN-13: 978-184076-117-7, $99.95;
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Handbook of African Medicinal Plants, 2nd Ed.

Maurice M. Iwu



With over 50,000 distinct species in sub-Saharan Africa alone, the African continent is endowed with an enormous wealth of plant resources. While more than 25% of known species have been used for several centuries in traditional African medicine for the prevention and treatment of diseases, Africa remains a minor player in the global natural products market largely due to lack of practical information. This updated and expanded second edition of the title provides a comprehensive review of more than 2,000 species of plants employed in indigenous African medicine, with full-color photographs and references from over 1,100 publications. The first part of the book contains a catalog of the plants used as ingredients for the preparation of traditional remedies, including their medicinal uses and the parts of the plant used. This is followed by a pharmacognostical profile of 170 of the major herbs, with a brief description of the diagnostic features of the leaves, flowers, and fruits and monographs with botanical names, common names, synonyms, African names, habitat and distribution, ethnomedicinal uses, chemical constituents, and reported pharmacological activity. The second part of the book provides an introduction to African traditional medicine, outlining African cosmology and beliefs as they relate to healing and the use of herbs, health foods, and medicinal plants.

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