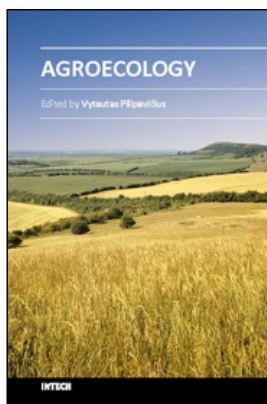


NEW BOOKS

Agroecology

Vytautas Pilipavičius (Ed.)



Publisher : InTech
Published : 10 June 2015
Coll. Earthscan Food and Agriculture
230 pages
ISBN : 978-953-51-2130-5
Open access on line

This book is a collection of chapters, concerning the developments within the Agroecology field of study. The book includes scholarly contributions by various authors pertinent to Agricultural and Biological Sciences. Each contribution comes as a separate chapter complete in itself but directly related to the book's topics and objectives. The target audience comprises scholars and specialists in the field.

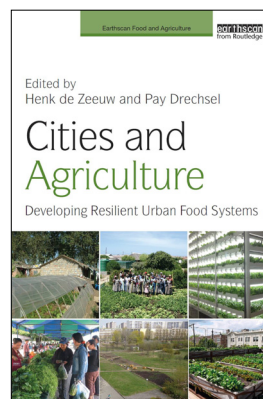
Table of contents

Agricultural systems in IGAD region – a socio-economic review. Characterization of industrial highly organic wastewater to evaluate its potential use as fertilizer in irrigation of agricultural land. Wastes in building materials industry. Soil salinity control in irrigated land with agricultural drainage systems. Seeds of change – Plant genetic resources and people's livelihoods. Challenges and opportunities in estimating the value of goods and services in temperate grasslands – A case study of prairie grasslands in Manitoba, Canada Modelling of best management practices in agricultural areas. Effluent cleaning, greener catalysts and biocomaterials from agricultural wastes.

Cities and Agriculture

Developing resilient urban food systems

Henk de Zeeuw (RUF Foundation) and Pay Drechsel (RUF (International Water Management Institute) Editors



Publisher : Routledge
Published : 28 September 2015
Coll. Earthscan Food and Agriculture
432 pages
Hardcover
ISBN : 978-1-138-86058-2
Paperback
ISBN : 978-1-138-86059-9

As people increasingly migrate to urban settings and more than half of the world's population now lives in cities, it is vital to plan and provide for sustainable and resilient food systems which reflect this challenge. This volume presents experience and evidence-based "state of the art" chapters on the key dimensions of urban food challenges and types of intra- and peri-urban agriculture.

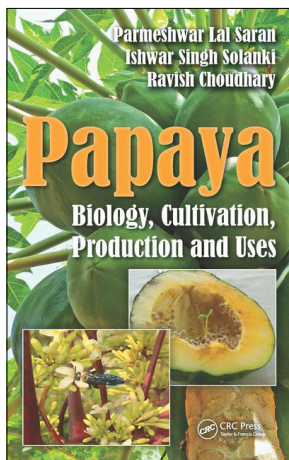
The book provides urban planners, local policy makers and urban development practitioners with an overview of crucial aspects of urban food systems based on an up to date review of research results and practical experiences in both developed and developing countries. By doing so, the international team of authors provides a balanced textbook for students of the growing number of courses on sustainable agriculture, food and urban studies, as well as a solid basis for well-informed policy making, planning and implementation regarding the development of sustainable, resilient and just urban food systems.

The book can be ordered at : <https://www.routledge.com/products/9781138860599>

An E-copy of the book will be made available on the RUF website mid-2016.

Papaya : Biology, Cultivation, Production and Uses

Parmeshwar Lal Saran, Ishwar Singh Solanki, Ravish Choudhary



Publisher : CRC Press
Published 16 October 2015
266 pages, 83 ill.
Hardback
ISBN 9781498735605

This book :

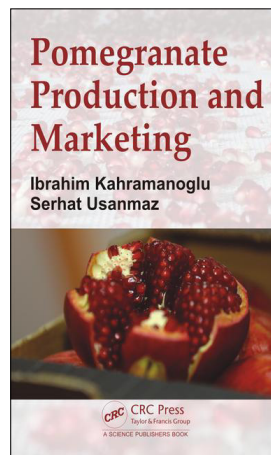
- Provides a solid review of current knowledge of papaya biology, production and uses,
- Includes a 16-page color insert that illustrates the research,
- Discusses uses of papain, papaya products, nutrients, and anti-nutrients produced and used for disease management,
- Presents a compilation of research for plant biotechnologist, breeder and a horticulturalist.

Table of Contents

Introduction and uses. Botany and improvement. Climate and soil. Cultural practices. Propagation and layout. Nutrition. Irrigation. Flowering, fruiting and harvesting. Seed production. Papain. Pests. Diseases. Physiological disorders. Unfruitfulness. Economics and marketing. Papaya as medicaments. Protected cultivation. Descriptors.

Pomegranate Production and Marketing

Ibrahim Kahramanoglu, Serhat Usanmaz



Publisher : CRC Press
Published 16 March 2016
140 pages, 54 ill.
Hardback
ISBN 9781498768504

This book :

- Explores sustainable solutions for pomegranate production problems,
- Aggregates science and farming together to market effectively to consumers,
- Provides information about the various health benefits of pomegranates,
- Presents practical and easy-to-follow processing and storage techniques for extending the shelf life of fresh pomegranate juice while retaining safety and nutritional quality,
- Discusses the past and current pomegranate trade and provides ideas and techniques for a prosperous future.

Table of Contents

Introduction. **Important cultivars.** Wonderful. Hicaznar. Bhagwa. Arakta. Malaz Yazdi. Mollar de Elche. Acco. Herskovitz. Other cultivars. **Ecological needs.** Climate. Soil. **Production.** Re-production. Orchard establishment. Pruning. Irrigation. Fertilization. **Pomegranate pests.** Aphids. Butterflies. Moths. Leopard moth. Mediterranean fruit fly. Mealy bug. Mites. Trips. Whitefly. **Pomegranate diseases.** Fruit spots. Heart rot. Bacterial blight. Pomegranate wilt. **Weed management. Physiological disorders.** Fruit cracking. Sun burn. Shape disorder. Hail damage. Frozen damage. **Fruit thinning. Harvest.** Harvesting. Storage. Chilling injury. Storage diseases. **Fresh fruit processing.** Quality grades. Packaging techniques. **Juice production. Health benefits. Pomegranate trade.** Important producer countries. Important consumer countries. Current condition in the World. Future of pomegranate trade.