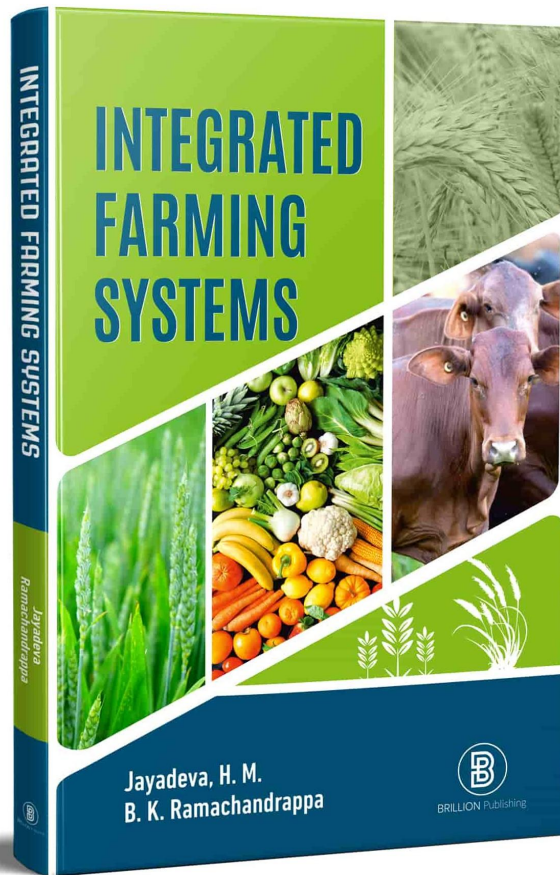




BRILLION Publishing



ISBN: 978-93-90757-85-5

e-ISBN: 978-93-90757-89-3

Pages: 248

2021



Printed Copy

Hardbound ₹ 2995/-

INTEGRATED FARMING SYSTEMS

A scientifically designed integrated farming system can contribute for achieving the production and improve the livelihood security depending on the bio-physical resources of farmers. There has been a lack of comprehensive text books on Integrated Farming Systems suitable for undergraduate and postgraduate students. This book has been written in accordance with the new course on “Integrated farming systems for sustainable Agriculture” as proposed by National Core Group (NCG), constituted by ICAR to cope up with fast changing national and international scenario.

Features:

The main purpose of this book is to sustain the interest of the students and teachers on Integrated Farming Systems. Thus, efforts are made to describe the components, preparation of IFS models, approaches and case studies of Integrated Farming Systems in systematic and comprehensive manner. The subject matter is both narrative and critical. Illustrations have been added to make the subject matter more clear.

The book is divided into twelve chapters viz., Introduction, Farming Systems; Definition, Importance and Classification. Components of Integrated Farming Systems, Sustainability and Integrated Farming System, Farming System Development Approach, Eco-physiological Approaches to Farming Systems, Simulation Models for Farming Systems, Nutrient Recycling in Farming Systems, Preparation of Different Farming Systems Models, New Concepts and Approaches of Farming Systems and Cropping Systems, Energy Concept in Farming Systems - evaluation based on Energy Relations and Case Studies have been discussed.

- The book covers comprehensively the content of “Integrated Farming Systems” to be offered for undergraduate and postgraduate students of Agricultural Universities in the country.
- The book has been written keeping in view the requirements of the students, teachers and research scientists of Agricultural Universities in general and Agronomy in particular.

Jayadeva, H. M. • B. K. Ramachandrappa

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