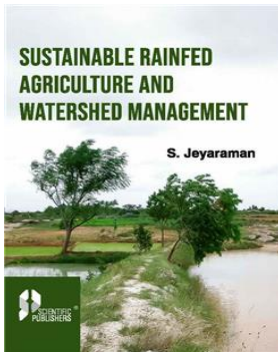


Sustainable Rainfed Agriculture and Watershed Management

[S Jeyaraman](#)



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| ISBN | : 9788196246914 | Book Format | : Book |
| E-ISBN | : 9788196246433 | Binding | : Hard Bound |
| Language | : English | Edition | : 1 |
| Imprint | : Scientific Publishers | © Year | : 2024 |
| Pages | : 1000 | Trim Size | : 7.25x10x2 |
| Weight | : 2.038 Gms | Readership | : Teachers and Students |
| Book Type | : Reference Book <input type="checkbox"/> | | |

Print Book : ₹5,900.00 ~~₹5,310.00~~ 10%Off

Blurb

The New Education Policy 2020 (NEP-2020) of India has proposed several changes in the present higher agriculture education system such as holistic multidisciplinary education while continuing focus on agriculture and developing professionals with the ability to understand and use local knowledge, traditional knowledge and emerging technologies, while being cognizant of critical issues of declining profitability and/or productivity but enhanced economic aspirations of farmers, climate change, food sufficiency, etc. The rainfed production systems in a watershed include i) crop and cropping systems; ii) diversified land use including agro-forestry, dryland horticulture including fruit trees on homestead, farmland, fisheries, etc, iii) livestock and animal husbandry including poultry, pisciculture (fishery), rabbit rearing, apiculture, etc, and iv) grazing ground and pasture including grazing practices, grazing/cut and carry systems, stall feeding, etc.

This book 'Sustainable Rainfed Agriculture and Watershed Management' covers the local knowledge, traditional knowledge and emerging technologies on rainfed agriculture, rainfed based farming systems, conservation agriculture, alternative land use systems for dryland areas, wasteland Development aspects and watershed planning and management from different countries that suite India and neighbouring countries. Horticulture, agroforestry, seed spices, medicinal and aromatic plants, animal husbandry fishery, livestock and beekeeping, etc., are integral component of rainfed farming systems. As this book covers the principles and practices of rainfed agriculture, rainfed based farming systems, agroforestry and watershed planning and management, it is suitable all agricultural universities in India, Pakistan, Bangladesh, Sri Lanka, African counties, etc. This book will be a ready reckoner for under graduate students of Agriculture, Horticulture, Forestry and Agricultural Engineering as well as to the extension officers and personnel interested in rainfed agriculture and watershed management. This book can be also used as a reference book for the M.Sc. (Ag) students in Agronomy. This book is valid for a minimum period of ten years.

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Scientific Publishers

Date :- Sat Feb 08 2025