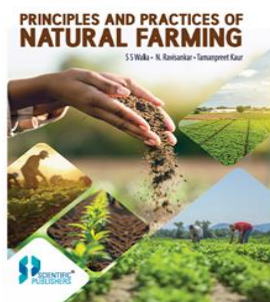


Principles and Practices of Natural Farming

[S.S. Walia](#) , Tamanpreet Kaur & N Ravisankar



ISBN	: 9789363469143	Book Format	: Book
Language	: English	Binding	: Paper Back
Imprint	: Scientific Publishers	Edition	: 1
Pages	: 226	© Year	: 2025
Weight	: 7 X 8 Gms	Trim Size	: 320
Book Type	: Text Book		
Release	: New		

Print Book : ~~₹575.00~~ **₹518.00** **9.91%Off**

Blurb

This book provides a scientific and systematic exposition of natural farming, grounded in the Indian heritage of ancient agricultural practices and extending to contemporary ecological frameworks. It elucidates the historical evolution, fundamental principles, objectives, and scope of natural farming, highlighting its relevance in mitigating climate change, enhancing soil health, optimizing water use, promoting carbon sequestration, conserving biodiversity, and ensuring food and nutritional security in alignment with the Sustainable Development Goals (SDGs). The text critically examines various schools and methodologies of natural farming, the design and functional characteristics of natural farms, and the integration of crops, trees, and livestock for ecological balance. Core topics include nutrient cycling, pest and disease management, ecological engineering, footprint assessments (ecological, water, carbon, nitrogen), and ecosystem service evaluation. Additionally, the book addresses certification standards, value addition, market potential, and policy interventions, supplemented with case studies and models of successful implementation. It is intended for researchers, students, extension professionals, and policy planners engaged in sustainable agriculture.

Table of Contents

About the authors

Preface

Contents

Chapter 1 India's Agricultural Heritage

Chapter 2 Concept of Natural Farming

Chapter 3 Natural Farming practices in different Agro-Ecology

Chapter 4 Characteristics and design of a natural farm

Chapter 5 Concept and evaluation of ecosystem services

Chapter 6 Integration of Crops, Trees, and Animals: Cropping System Approaches

Chapter 7 Biodiversity, indigenous seed production, farm waste recycling

Chapter 8 Water conservation in agriculture

Chapter 9 Livestock management in natural farming

Chapter 10 Insect, pest, disease and weed management under natural farming

Chapter 11 Mechanisation in Natural Farming

Chapter 12 Processing, labelling, economic feasibility and viability, certification, and standards in natural farming

Chapter 13 Market and export opportunities for produce and products from natural farming

Chapter 14 Entrepreneurship opportunities in natural farming

Chapter 15 Success Stories in Natural Farming and Chemical-Free Traditional Farming

Chapter 16 Package of Practices for Natural Farming
Practical

Chapter 1 Methods of Indigenous Technology Knowledge (ITK) in Natural Farming

Chapter 2 Green manuring in-situ and green leaf manuring

Chapter 3 Weed Management in Natural Farming

Chapter 4 Pest Management in Natural Farming

Chapter 5 Disease Management in Natural Farming

Chapter 6 Marketing of Natural Fresh Produce and Products

This is computer generated document and does not require signature

Scientific Publishers

Date :- Sun Feb 01 2026