



G. Sheela Edward  
P. Kumaran  
Benet Rajadurai

# Problems and Prospects of Agriculture



**LAMBERT**  
Academic Publishing

## Imprint

Any brand names and product names mentioned in this book are subject to trademark, brand or patent protection and are trademarks or registered trademarks of their respective holders. The use of brand names, product names, common names, trade names, product descriptions etc. even without a particular marking in this work is in no way to be construed to mean that such names may be regarded as unrestricted in respect of trademark and brand protection legislation and could thus be used by anyone.

Cover image: [www.ingimage.com](http://www.ingimage.com)

Publisher:

LAP LAMBERT Academic Publishing

is a trademark of

Dodo Books Indian Ocean Ltd. and OmniScriptum S.R.L publishing group

120 High Road, East Finchley, London, N2 9ED, United Kingdom  
Str. Armeneasca 28/1, office 1, Chisinau MD-2012, Republic of Moldova,  
Europe

Printed at: see last page

**ISBN: 978-620-5-52786-3**

Copyright © G. Sheela Edward, P. Kumaran, Benet Rajadurai

Copyright © 2023 Dodo Books Indian Ocean Ltd. and OmniScriptum S.R.L  
publishing group

FOR AUTHOR USE ONLY

## CONTENTS

S.NO	Chapter	Author's Name	Page
1	History Of Indian Agriculture	Prof. Benet Rajadurai J	7
2	A Fruitful Laws That Prevent Problems of Agriculture Labours in India	Dr. P. Kumaran	31
3	Impact Of Covid 19 On Indian Agricultural Sector – An Outlook	Dr. G. Sheela Edward	43
4	History Of Agricultural System in India	Dr. V.Sathiya, S.Gomathi	55
5	The Role of Women: In Indian Agriculture Sector	Prof. Ajitha Shaji	66
6	Marginalization Of Women with Reference to The Folk Religion Narratives of Tamil Nadu.	Dr. M. Nagadevan	76
7	Globalization And Its Impact on Agriculture	Prof. Deepa S	90
8	Problems And Challenges of Women in Agriculture	Dr. P. Senrayaperumal	97
9	Drought Readiness and Anxiety of New And Experienced Indian Farmers	Prof. Lakshmi Balakrishnan, Prof. Diliya Joseph	107
10	Impact Of Pandemic on Agricultural and Rural Economy	Dr. Saravanan	119

11	Participation Of Indian Women in Agricultural Sector	Prof. Kusuma R	125
12	Significance Of Water Management in Agriculture	Dr. D.Ashokan	132
13	Women's Participation in The Indian Agriculture Sector	Ms. Manasa Gowda	142
14	The Indian Agriculture Industry Supply Chain Management	M. Rajeswari	151
15	Analysis Of Women Participation in Indian Agriculture	Prof. Sampath Kumar	162
16	Issues And Challenges of Indian Agriculture	Dr. R. Shani Ruskin	174
17	A Historical Perspective on Agriculture	R. Yogarani	187
18	Agricultural Transformation for Employment and Growth	Jayadev V, Bhavana M	194
19	Problems Of Agricultural Labour	Bhavitha. R, Navya. S	204
20	Agriculture Distress: Natural Disasters, Soil Erosion, Food Security	Chandhana. C & D. Gowtham	217
21	Sustainable Rural Development and Its Dimensions	Kousalya K, Divya K	229

# HISTORY OF INDIAN AGRICULTURE

**Prof. Benet Rajadurai J,**

Assistant Professor,  
Department of Humanities,  
St Francis De Sales  
College, Bangalore,  
Karnataka.

## Abstract

Indian agriculture has long, old and beyond memory history which begins the Indus valley civilization. One of the oldest waters regulating structure in the world is Grand Anicut dam on river Kaveri (1st-2nd Century CE). Indian agriculture began by 9000 BCE as a result of early cultivation of plants, and domestication of crops and animals. Settled life soon followed with implements and techniques being developed for agriculture. Double monsoons led to two harvests being reaped in one year. Indian products soon reached the world via existing trading networks and foreign crops were introduced to India. Plants and animals—considered essential to the survival by the Indians—came to be worshiped and venerated. The Middle Ages saw irrigation channels reach a new level of sophistication in India and Indian crops affecting the economies of other regions of the world under Islamic patronage. Land and water management systems were developed with an aim of providing uniform growth. Despite some stagnation during the later modern era the independent Republic of India was able to develop a comprehensive agricultural program.

**Keywords:** Agriculture, Origin & Development, History of Agriculture

## INTRODUCTION

Wheat, barley and jujube were domesticated in the Indian subcontinent by 9000 B. Domestication of sheep and goat soon followed. This period also saw the domestication of the elephant. Barley and wheat cultivation—along with the