



*The World's Largest Open Access Agricultural & Applied Economics Digital Library*

**This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.**

**Help ensure our sustainability.**

Give to AgEcon Search

AgEcon Search  
<http://ageconsearch.umn.edu>  
[aesearch@umn.edu](mailto:aesearch@umn.edu)

*Papers downloaded from AgEcon Search may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

*No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.*

Vol. L  
No. 1

JANUARY-  
MARCH  
1995

ISSN 0019-5014

# INDIAN JOURNAL OF AGRICULTURAL ECONOMICS



INDIAN SOCIETY OF  
AGRICULTURAL ECONOMICS,  
BOMBAY

# THE INDIAN SOCIETY OF AGRICULTURAL ECONOMICS, BOMBAY

## Aims and Objects:

To promote the study of social and economic problems of agriculture and rural areas and also to promote technical competence for teaching and research in Agricultural Economics and allied subjects through:

- (a) research in problems of agricultural economics and rural development;
- (b) periodical Conferences and Seminars;
- (c) publication of books, reports, papers or summaries of papers either separately or collectively, or in a periodical which may be issued under the auspices of the Society;
- (d) co-operation with other institutions having similar objects, such as the International Association of Agricultural Economists and the Indian Economic Association, etc.

## OFFICE-BEARERS FOR THE YEAR 1995

### *President:*

Prof. A. Vaidyanathan

### *Vice-Presidents:*

Dr. M.S. Bhatia  
Dr. P.K. Chatterjee  
Dr. S. Krishnamoorthy  
Dr. J.F. Patil  
Dr. Karam Singh

### *Hon. Secretary and Treasurer:*

Dr. (Mrs.) Tara Shukla

### *Hon. Jt. Secretary:*

Shri T.R. Sundaram

### *President-Elect for the 55th Annual Conference:*

Dr. M.V. Nadkarni

### *Executive Committee Members:*

Dr. B.M. Desai  
Dr. M.V. Srinivasa Gowda  
Dr. S. Iyyappillai  
Dr. Rabindranath Mukherji  
Dr. Dibakar Naik  
Dr. U.K. Pandey  
Dr. Inder Sain  
Dr. A.S. Saini  
Prof. (Mrs.) Aruna P. Sawant  
Dr. B.M. Sharma  
Dr. Ashutosh Shrivastava  
Dr. A.K. Singh



# INDIAN JOURNAL OF AGRICULTURAL ECONOMICS

(Organ of the Indian Society of Agricultural Economics)

Vol. L

JANUARY-MARCH 1995

No. 1

## CONTENTS

		Page
<b>SUPPLEMENT TO CONFERENCE NUMBER: JULY-SEPTEMBER 1994</b>		
Inaugural Address	<i>Manmohan Singh</i>	1
Presidential Address -		
Globalisation and Agricultural Policy in India	<i>G.S. Bhalla</i>	7
 <b>Summaries of Group Discussion:</b>		
Agricultural Production Relations in the Context of the New Agricultural Technology	<i>G.K. Chadha</i>	27
Prices, Marketing including Agro-Processing, and International Trade	<i>M.H. Suryanarayana</i>	30
Agricultural Finance in the Context of Technology-led Development of Agriculture	<i>Gurdev Singh</i>	33
 <b>ARTICLES</b>		
Estimation of Price Elasticity of Fertiliser Demand at Macro Level in India	<i>Ravindra H. Dholakia and Jagdip Majumdar</i>	36
Low Yielding Irrigation Wells in Peninsular India - An Economic Analysis	<i>N. Nagaraj and M.G. Chandrakanth</i>	47
Decision-Making under Uncertainty: Bayesian Approach - A Case Study of Aman Paddy in Midnapore District, West Bengal	<i>Purnendu Sekhar Das and Amit Kar</i>	59

		Page
<b>RESEARCH NOTES</b>		
Factors Affecting the Share of Groundnut Market Arrivals in the Market Yards in Andhra Pradesh	<i>K. Uma Shankar Patnaik</i>	69
Behaviour of Marketable Surplus of Some Major and Minor Food Crops in India	<i>Ipsita Sen and Hiron Kumar Banerjee</i>	80
Rural Farm and Non-Farm Employment and Pattern of Rural Non-Farm Employment by Geo-Agro Base: A Study of West Godavari District	<i>G. Gangadhara Rao</i>	86
<b>BOOK REVIEWS (see below)</b>		<b>93</b>
<b>REVIEWS IN BRIEF</b>		<b>125</b>
<b>PUBLICATIONS RECEIVED</b>		<b>130</b>
<b>BOOK REVIEWS</b>		
Acharya, S.S. and Agarwal, N.L.	<i>Agricultural Marketing in India</i>	<i>D.S. Sidhu</i> 93
Asian Productivity Organization	<i>Policies and Programmes for Rural Employment Generation in Asia</i>	<i>P. H. Rayappa</i> 94
Asian Productivity Organization	<i>Technology Transfer for Small Farmers in Asia</i>	<i>R.K. Samantha</i> 96
Bhaumik, S.K.	<i>Tenancy Relations and Agrarian Development: A Study of West Bengal</i>	<i>P.S. Das</i> 98
Bose, Sarmila	<i>Money, Energy and Welfare: The State and the Household in India's Rural Electrification Policy</i>	<i>Anil Sharma</i> 100
Bromley, D.W.; Feeny, David et al. (Eds.)	<i>Making the Commons Work: Theory, Practice and Policy</i>	<i>S.A. Pasha</i> 101
George, P.S. and Nair, K.N.	<i>Livestock Economy of Kerala.</i>	<i>Raj Vir Singh</i> 104

		Page
Giriappa, S.	<i>Energy Use in Rural Areas: Process, Problem and Prospects</i>	105
Kaushik, K.K.	<i>Agricultural Transformation in a Developing Economy</i>	107
Kurien, C.T.	<i>The Economy: An Interpretative Introduction</i>	109
Moulik, T.K.; Dholakia, B.H. and Shukla, P.R.	<i>Energy Demand for Agriculture in India in the Year 2000</i>	111
Ramaiah, P. and Manohar, K. Murali	<i>Tribal Indebtedness</i>	112
Rao, C.H. Hanumantha	<i>Agricultural Growth, Rural Poverty and Environmental Degradation in India</i>	113
Ruttan, V.W. (Ed.)	<i>Why Food Aid?</i>	117
Sen, D.; Purandare, A.P. and Das, P.K.	<i>Social Forestry in India (Analysis of Various Models)</i>	119
Talukdar, K.C. and Bhowmick, B.C. (Eds.)	<i>Marketing of Perishable Products</i>	121
Upender, M.	<i>Studies in Agricultural Marketing and Size-Output Relationship</i>	123
Verghese, B.G.	<i>Winning the Future: From Bhakra to Narmada, Tehri, Rajasthan Canal</i>	123

**INDIAN SOCIETY OF AGRICULTURAL ECONOMICS**  
**MEMBERS OF THE RESEARCH PROGRAMMES COMMITTEE, 1995**

Prof. A. Vaidyanathan (*Ex-officio as President of the Society*)

Dr. M.V. Nadkarni (*Ex-officio as President-Elect for the Conference*)

Prof. Nilakantha Rath (*Ex-officio as Chairman of the Editorial Board*)

Dr. (Mrs.) Tara Shukla (*Ex-officio as Honorary Secretary & Treasurer of the Society*)

Shri T.R. Sundaram (*Ex-officio as Honorary Joint Secretary of the Society*)

Professor V.M. Dandekar

Dr. P.S. George

Dr. C.H. Hanumantha Rao

Dr. I.J. Singh

Dr. V.S. Vyas

**EDITORIAL BOARD**

Prof. Nilakantha Rath .. *Chairman*

Dr. N.A. Mujumdar .. *Editor*

Shri T.R. Sundaram .. *Associate Editor*

Dr. J.P. Bhati  
Dr. B.S. Dhillon  
Dr. S.K. Ray  
Dr. A.J. Singh  
Dr. S.R. Subramanian

.. *Members*

---

The copyright and all rights of reproduction and translation of articles, book reviews and correspondence published in the INDIAN JOURNAL OF AGRICULTURAL ECONOMICS are reserved by the Society. Application for permission to translate or reproduce any material contained in it should be made to the Honorary Secretary, The Indian Society of Agricultural Economics, 46-48, Esplanade Mansions, Mahatma Gandhi Road, Fort, Bombay-400 001 (India).

*Note:-* Individual Membership Fee and Institutional Subscription to the *Indian Journal of Agricultural Economics* are Rs. 125.00 or £ 28.00 or US \$ 50.00 and Rs. 250.00 or £ 45.00 or US \$ 80.00 respectively and should be sent to the Hon. Secretary and Treasurer, The Indian Society of Agricultural Economics, Bombay-400 001.