



AgEcon SEARCH
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

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

*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 XXXIX
No. 4

ISSN 0019-5014

OCTOBER-
DECEMBER
1984

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 1984

President

Prof. M. L. Dantwala

Vice-Presidents

Shri H. L. Chawla

Dr. V. Rajagopalan

Dr. V. M. Rao

Dr. J. S. Sharma

Dr. Ram Iqbal Singh

Hon. Secretary and Treasurer

Dr. J. N. Barmeda

Hon Jt. Secretary

Dr. (Miss) S. D. Sawant

President-Elect for the 44th Annual Conference

Dr. A. S. Sirohi

Executive Committee Members

Dr. M. P. Azad

Dr. S. Bandyopadhyay

Dr. A. K. Bora

Dr. M. P. Dhongade

Dr. A. C. Gangwar

Dr. S. S. Gour

Dr. V. Haridasan

Dr. T. C. Mohan

Dr. A. J. Singh

Dr. Iqbal Singh

Dr. Tej Bahadur

Dr. G. D. Vashist

INDIAN JOURNAL OF AGRICULTURAL ECONOMICS



(Organ of the Indian Society of Agricultural Economics)

Vol. XXXIX

OCTOBER-DECEMBER 1984

No. 4

CONTENTS

	Page
SUPPLEMENT TO CONFERENCE NUMBER: JULY-SEPTEMBER 1984	
Presidential Address—	
Impact of Agricultural Subsidies and Procurement Prices on Production and Income Distribution in India	A. S. Sirohi 563
Summaries of Group Discussion:	
Subject I—Changing Marketing Structures/Marketing Policies	M. V. George 586
Subject II—Planning for Rural Development	V. K. Pandey 589
Subject III—Socio-Economic Impact of Irrigation Projects	K. C. Hiremath 592
ARTICLES	
Price Policy Model of Sugarcane and Its Products	Praduman Kumar 595
An Econometric Analysis of Production Risk Using Farm Level Panel Data in the Philippines	K. Kalirajan and A. Huysman 614
Perspectives on Population and Development	Vernon W. Ruttan 630
RESEARCH NOTES	
Economically Optimal Fertilizer Requirements for Wheat and Paddy Crops in Different Regions of Uttar Pradesh	B. K. Singh and J. S. Sharma 639
Some Factors Influencing Jute Acreage in West Bengal: Role of Jute Prices and the Credit Market	Kanailal Basak and Kamal Kumar Datta 649

Rs. 25.00

ii	CONTENTS	Page
A Note on the Impact of Government Marketing Policies on the Changes in Paddy Marketing System in Polonnaruwa District of Sri Lanka	..... <i>Cyril Bogahawatte</i>	661
Implications of Diverse Motives on Farming	..... <i>Shrikant Modak</i>	669
BOOK REVIEWS (See next page)	.....	672
REVIEWS IN BRIEF	.....	719
PUBLICATIONS RECEIVED	.....	724

—00—

EDITORIAL BOARD

Prof. M. L. Dantwala	.....	<i>Chairman</i>
Shri V. M. Jakhade	.....	<i>Editor</i>
Dr. K. C. Hiremath	} <i>Members</i>	
Dr. N. S. Jodha		
Dr. C. H. Shah		
Dr. U. K. Srivastava		
Dr. K. Subbarao		
Shri T. R. Sundaram	.....	<i>Assistant Editor</i>

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-400 023. (India)

Note :- Individual Membership fee and Institutional Subscription to the *Indian Journal Agricultural Economics* is Rs. 45.00 or £ 13.50 or \$ 20.00 and Rs. 90.00 or £ 18.00 or \$ 30.00 respectively and should be sent to the Hon. Secretary and Treasurer, The Indian Society of Agricultural Economics, Bombay.

BOOK REVIEWS

Page

Anderson, Robert S.; Brass, Paul R.; Levy, Edvin and Morrison, Barrie M. (Eds.)	<i>Science, Politics, and the Agricultural Revolution in Asia</i>	K. Seeta Prabhu	672
D'Abreo, Desmond	<i>People and Forests: The Forest Bill and a New Forest Policy</i>	} Madhav Gadgii	675
Nautiyal, J. C. and Chowdhary, R. L.	<i>Forest Planning Process in India</i>		
Ghai, Dharam and Radwan, Samir (Eds.)	<i>Agrarian Policies and Rural Poverty in Africa</i>	S. Guhan	677
Harriss, Barbara	<i>State and Market: State Intervention in Agrictulural Exchange in a Dry Region of Tamil Nadu, South India</i>	M. V. Nadkarni	680
Jannuzi, F. Tomasson and Peach, James T.	<i>The Agrarian Structure of Bangladesh: An Impedi- ment to Development</i>	Ratan Ghosh	683
Laxminarayan, H. and Tyagi, S. S.	<i>Changes in Agrarian Struc- ture in India</i>	G. P. Mishra	684
Nair, K. N. S.	<i>Technological Change in Agriculture: Impact on Productivity and Employ- ment</i>	G. K. Chadha	686
Pinstrup-Andersen, Per	<i>Agricultural Research and Technology in Economic Development</i>	S. Bisaliah	689
Sadhu, A. N. and Singh, Amarjit	<i>Fundamentals of Agricul- tural Economics</i>	P. K. Aiyasamy	693

Sarkar, Goutam K.	<i>Commodities and the Third World</i>	B. Sharda Rai	695
Soysa, Chandra H. ; Sien, Chia Lin and Collier, William L. (Eds.)	<i>Man, Land and Sea : Coastal Resource Use and Management in Asia and the Pacific</i>	U. K. Srivastava	697
Srivastava, U.K. and Reddy, M. Dharma (Eds.)	<i>Fisheries Development in India : Some Aspects of Policy Management</i>	A. V. Natarajan	699
Sukhatme, P.V. (Ed.)	<i>Newer Concepts in Nutrition and Their Implications for Policy</i>	M. H. Suryanarayana	704
Swaminathan, M.S.	<i>Science and Integrated Rural Development</i>	S. M. Shah	708
Uphoff, Norman T. (Ed.)	<i>Rural Development and Local Organization in Asia, Vols. 1 and 2</i>	M. K. Sethu Rao	710
Vivekananda, M.	<i>Planning Unit for Integrated Rural Development—An Exercise</i>	Katar Singh	714
Woods, Richard G. (Ed.)	<i>Future Dimensions of World Food and Population</i>	V. G. Mutalik-Desai	716

**SUPPLEMENT TO CONFERENCE NUMBER:
JULY-SEPTEMBER 1984**

PRESIDENTIAL ADDRESS

SUMMARIES OF GROUP DISCUSSION

DOCUMENTED INDEX OF ARTICLES RELATING TO AGRICULTURAL ECONOMICS

A documented index of over 22,000 articles relating to Agricultural Economics published in Indian and foreign periodicals, covering the period 1951-82, classified according to the Dewey Decimal System and computer-printed is available for sale to Universities and research institutions at cost (Rs. 800 per set) plus forwarding charges.

A similar index of articles covering about 1,000 titles relating to the year 1983 is computer-printed. It is supplied at a subsidised cost of Rs. 25 per set (excluding forwarding charges) to enable a larger number of research institutions and Universities to avail of this facility. This service is rendered on non-profit basis. Orders for the supply of these indexes may be placed with the Hon. Secretary, The Indian Society of Agricultural Economics, 46-48, Esplanade Mansions, Mahatma Gandhi Road, Bombay-400 023,

INDIAN JOURNAL OF AGRICULTURAL ECONOMICS—REPRINTS

Many back issues/volumes of the Indian Journal of Agricultural Economics are currently out of print. Enquiries have been received by the Society for the supply of the back volumes of the Journal. With a view to enabling the interested readers, agricultural universities, colleges and other research institutions to complete their holdings of the back issues/volumes of the Journal, the Society has entered into an agreement with the Researchco Reprints, Delhi whereby the Researchco Reprints has been given full rights of reprinting of all the issues of Volumes 1 to 29 of the Journal which are out of print now. The Researchco Reprints has brought out the reprints of the abovesaid volumes. Kindly direct your orders and enquiries for back issues/volumes of the Journal (including reprints) to the Researchco Reprints, 1865 Trinagar, Delhi-110 035 (India).