



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.*

**Vol. 72
No. 2**

**APRIL-
JUNE
2017**

ISSN 0019-5014

**INDIAN
JOURNAL
OF
AGRICULTURAL
ECONOMICS**

**INDIAN SOCIETY OF
AGRICULTURAL ECONOMICS,
MUMBAI**

THE INDIAN SOCIETY OF AGRICULTURAL ECONOMICS, MUMBAI

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 2017

President:

Prof. Abhijit Sen

Vice-Presidents:

Dr. Chandan Hazarika
Dr. L.K. Mohana Rao
Dr. S.K. Mukherjee
Dr.A. Narayanamoorthy
Dr. Sukhpal Singh

Hon. Secretary and Treasurer

Dr. C.L. Dadhich

Hon. Joint Secretary:

Mrs. Vijaya Venkatesh

President-Elect for the 77th Annual Conference:

Dr. Yoginder K. Alagh

Executive Committee Members:

Dr. D.S. Singh
Dr. Raj Kumar
Dr. Biplab Sarkar
Dr. S.S. Kalamkar
Dr. Kamlesh Kumar Shrivastava
Dr. M.G. Chandrakanth
Dr. Shivaji Sahebrao Ambhore
Dr. Kartik Prasad Jena
Dr. Hulas Pathak
Dr. M.B. Belavatagi
Dr. Ram Singh
Dr. Govind Pal
Dr. P.K. Singh
Dr. R.P. Singh
Dr. B.V. Chinnaappa Reddy

INDIAN JOURNAL OF AGRICULTURAL ECONOMICS



(Organ of the Indian Society of Agricultural Economics)

Vol. 72	OCTOBER-DECEMBER 2017	No. 4
---------	-----------------------	-------

CONTENTS

ARTICLES		Page
Analysing Varying Crop Productivity in Canal Irrigation: A Case Study of Damodar Valley Corporation (DVC) in West Bengal	<i>Raj Kumar Kundu and Apurba Kumar Chattopadhyay</i>	513
Total Factor Productivity Growth in Indian Crop Sector	<i>Rajni Jain, Ramesh Chand and Amarjeet Singh</i>	535
Export Performance and Factors Affecting Competitiveness of Plantation Commodities in India	<i>M.G. Deepika</i>	555
RESEARCH NOTE		
Measuring the Intensity of Factors Accelerating Crop Diversification using Heckman Two Stage Model: A Micro Level Study in Thoubal District of Manipur	<i>Monika Aheibam and Ram Singh</i>	576
BOOK REVIEWS (see next page)	588
PUBLICATIONS RECEIVED	598

	Page
NEWS	600
INDICATIVE OUTLINES OF SUBJECTS SELECTED FOR DISCUSSION AT THE 78TH ANNUAL CONFERENCE OF THE INDIAN SOCIETY OF AGRICULTURAL ECONOMICS	605
INDEX TO IJAE, Vol. 72, 2017	614

BOOK REVIEWS

Bishnoi, T.R. and Devi, Sofia	<i>Banking Reforms in India, Consolidation, Restructuring and Performance</i>	C.L. Dadhich 588
Chatterjee, Biswajit and Karmakar, Asim K.	<i>Rural Livelihoods in India: Issues, Measurement and Policies</i>	Pallavi Chavan 590
Gupta, Kamal R. and Angadi, V.B. (Eds.)	<i>Smart Farming: Problems and Prospects</i>	Vijaya Venkatesh 593
Zhou, Zhang-Yue	<i>Achieving Food Security in China: The Challenges Ahead</i>	Heena Kapoor 595

ACKNOWLEDGEMENT

We are grateful to Indian Council of Social Science Research for providing financial support for publication of four issues of Vol. 72 of the Journal for the year 2017.

INDIAN SOCIETY OF AGRICULTURAL ECONOMICS

MEMBERS OF THE RESEARCH PROGRAMMES COMMITTEE, 2017

Prof. Abhijit Sen (*Ex-officio as President of the Society*)
Dr. Yoginder K. Alagh (*Ex-officio as President-Elect for the 77th Annual Conference*)
Dr. Vasant P. Gandhi (*Ex-officio as Chairman of the Editorial Board*)
Dr. C.L. Dadhich (*Ex-officio as Honorary Secretary and Treasurer of the Society*)
Mrs. Vijaya Venkatesh (*Ex-officio as Honorary Joint Secretary of the Society*)
Dr (Ms.) T. Prabha
Dr. (Ms.) Ritu Dewan
Dr. R.S. Sidhu
Dr. B.C. Barah
Dr. Suresh Pal

EDITORIAL BOARD

Dr. Vasant P. Gandhi	.. <i>Chairman</i>
Dr. C.L. Dadhich	.. <i>Editor</i>
Dr. K. Palanisami	.. <i>Members</i>
Dr. H.R. Sharma	
Dr. Sukhpal Singh	
Dr. William J. Martin, U.S.A.	
Prof. Dr. Johan Swinnen, Belgium	
Dr. A. Ganesh Kumar	
Dr. V.B. Bhise	
Dr. Bharat Ramaswami	
Mrs. Vijaya Venkatesh	.. <i>Associate Editor</i>

All editorial correspondence and articles for publication may kindly be sent to the Editor, Indian Journal of Agricultural Economics, C-104, First Floor, Sadguru Complex I, Near Vagheshwari, Gen. A.K. Vaidya Marg, Goregaon (East), Mumbai - 400 063 (India).

Note:- Individual Membership Fee and Institutional Subscription to the Indian Journal of Agricultural Economics are Rs. 1000.00 or US \$ 125.00 and Rs. 3000.00 or US \$ 350.00 respectively and should be sent to the Hon. Secretary and Treasurer, The Indian Society of Agricultural Economics, C-104, First Floor, Sadguru Complex I, Near Vagheshwari, Gen. A.K. Vaidya Marg, Goregaon (East), Mumbai - 400 063 (India).

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 & Treasurer, at the above address.

Telephone: 022-28493723
email: isae@vsnl.com

Fax: 91-022-28493724
Website: www.isaeindia.org

ISAE Fellows

2016

- **Dr. S. Mahendra Dev**

2015

- **Dr. Bina Agarwal**

2014

- **Dr. Uma Lele**
- **Dr. N. Nagaraj**
- **Dr. Rajinder S. Sidhu**

2013

- **Dr. Praduman Kumar**
- **Dr. M.G. Chandrakanth**
- **Dr. R.P. Singh**

2012

- **Dr. P.K. Joshi**
- **Dr. Ramesh Chand**
- **Dr. Mruthyunjaya**

2011

- **Dr. Yoginder K Alagh**
- **Dr. R.S. Deshpande**