



**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](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.*

Vol XXV  
No. 3

ISSN 0019-5014

CONFERENCE  
NUMBER

JULY-  
SEPTEMBER  
1970

# INDIAN JOURNAL OF AGRICULTURAL ECONOMICS



INDIAN SOCIETY OF  
AGRICULTURAL ECONOMICS,  
BOMBAY

## AGRICULTURAL SITUATION IN INDIA

(A Monthly Journal of the Directorate of Economics and Statistics,  
Ministry of Food, Agriculture, Community Development & Co-operation)

### Main features:

- \* A newsletter on a leading current topic.
- \* Articles from experts to enable critical appreciation of current trends and prospects.
- \* Extensive commentary on the agricultural developments in India and Abroad.
- \* Reviews on important agricultural commodities.
- \* Comprehensive statistical tables—crop production, wages, prices, import and export, rainfall and crop estimates.

Commanding a wide and influential readership in India and abroad, **Agricultural Situation in India** is an invaluable guide to business executives, administrators and students of agricultural economics.

Subscription: { Single copy : Rs. 2.00 or 4sh. 8d. or 72 cents.  
Annual : Rs. 24.00 or 56sh. or \$8.64.

### Available from :

The Manager of Publications, Civil Lines, Delhi-6.

## CHARY PUBLICATIONS

Read and Advertise in India's Topmost Technical Periodicals

- \* AGRICULTURE AND AGRO-INDUSTRIES JOURNAL
- \* ELECTRICAL INDIA
- \* MACHINE BUILDING INDUSTRY
- \* INDUSTRIAL ENGINEERING AND MANAGEMENT
- \* MBI'S INDIAN INDUSTRIES JOURNAL
- \* TEXTILE MACHINERY, ACCESSORIES & STORES
- \* INDIAN DRUGS & PHARMACEUTICALS INDUSTRY
- \* CIVIL ENGINEERING, CONSTRUCTION AND PUBLIC WORKS JOURNAL
- \* INDEXPORT \* CHEMICALS & PETRO-CHEMICALS JOURNAL

For details, contact :

**CHARY PUBLICATIONS (Publishers)**

City Office :  
18, Military Square Lane  
2nd Floor  
Kalaghoda, Bombay-1.

Regd. Office :  
14, Sidh Prasad,  
Ghatkopar Mahul Road,  
Tilak Nagar P. O., Bombay-89.

Tel : 257714-255060

# SYNDICATE BANK

## A PIONEER



The **Syndicate Bank** has been a pioneer in extending several types of banking services, and agricultural finance is one amongst them. By providing medium and short term finance in selected areas to meet the needs of the farmers and expert technical advice through its Farm Representatives, it has helped to increase crop yields.

The **Syndicate** has worked with a socialistic purpose from inception and **no man is too small for a Bank account—whether for a deposit or a loan—has been its motto.**

Every Man's Bank for Every Banking Need

# SYNDICATE BANK

(WHOLLY OWNED GOVT. OF INDIA UNDERTAKING)

**Head Office:**  
**MANIPAL**

**K. K. PAI**  
**CUSTODIAN**

## INTERNATIONAL LABOUR REVIEW

Published monthly in English, French and Spanish by the International Labour Office, Geneva. Articles and information on topics relating to labour, human resources utilisation, incomes policy, industrial relations and other current issues affecting conditions of life and work in all countries.

**Annual Subscription: (January to December) : Rs. 48.75; single copy Rs. 4.90**

**Just Published:** \_\_\_\_\_

## TOWARDS FULL EMPLOYMENT

Unemployment is now as big a problem for most of the world as it was in the 1930's.

This is the programme for eliminating unemployment drawn up by an International team of 27 development specialists.

This pilot mission sent to Colombia, at the invitation of President Carlos Lleras Restrepo, prepared—with the UN and the help of 11 other international agencies—this thought-provoking report which forms part of the World Employment Programme launched by the ILO last year.

**About 500 pp.**

**US \$ 4; Rs. 30.**

*Orders may be addressed to all major bookshops or to:*

**ILO Publications, CH 1211 Geneva, 22 Switzerland,  
or to ILO Branch Office, Mandi House, New Delhi-1  
Telephone: 44481 and 47567.**

## CANADIAN JOURNAL OF AGRICULTURAL ECONOMICS

**Vol. 18, No. 1 (February/février 1970):**

Disparités Régionales et Scolarité en Agriculture ...	<i>Jean-Pierre Wampach</i>
Preference Patterns in the World Grain Trade ...	<i>S. C. Schmidt and R. J. Vanderborre</i>
Toward a Market-Oriented Canadian Grain Economy ...	<i>Joseph Caplan</i>
World Agricultural Trade and Merchandising Opportunities in the 1970's ...	<i>T. S. Rackham</i>
The Cost of Handling and Storing Grain in Manitoba Country Elevators ...	<i>D. Zasada</i>
Conceptual and Empirical Issues in Estimating Transfer Charges ...	<i>D. Lee Bawden and Richard C. Haidacher</i>
A Framework for Developing Computerised Farm Management Information ...	<i>Larry J. Connor and Warren H. Vincent</i>
Taxation: A Neglected Aspect of Production Economics	<i>Wilfred Candler and Wayne Cartwright</i>

**With Notes, Book Reviews and Announcements**

**The Canadian Journal of Agricultural Economics** is published by the Canadian Agricultural Economics Society. Annual dues or subscriptions are \$ 10.00. Address editorial communications to M. L. Lerohi, Editor, Agricultural Economics Research Council of Canada, 55 Parkdale Avenue, Ottawa 3, Canada.

# C E N T R A L

**O F F E R S**  
TIMELY HELP TO  
**FARMERS**  
TO BUY

PUMPING SETS, FERTILISERS, TRACTORS,  
FARM MACHINERY, BETTER IMPLEMENTS,  
PESTICIDES, SEEDS.



*FOR DETAILS CALL AT IT'S NEAREST BRANCH*

## **CENTRAL BANK OF INDIA**

**H. O.: Mahatma Gandhi Road, Bombay-1**

**N. RAMANAND RAO**  
Custodian

**P. A. DeVITRE**  
Chief Agent

**LUCKNOW GROUP  
OF BRANCHES**

**TOTAL DEPOSITS OVER Rs. 535 CRORES**

SERVING THE COUNTRY WITH OVER 830 BRANCHES  
and

UTTAR PRADESH WITH OVER 125 BRANCHES

**CENTRAL AT SERVICE OF**

**THE PEOPLE ON THE FARMS**

## THE PAKISTAN DEVELOPMENT REVIEW

**Quarterly Journal of the Pakistan Institute of Development Economics,  
Karachi, Pakistan**

**Vol. X, No. 3 (Autumn 1970):**

### Articles

The Location of Industry ... ..	<i>Gustav F. Papanek</i>
Demand for Food in Pakistan in 1975 ... ..	<i>Md. Irshad Khan</i>
The Economic Implications of a Complete Free Trade and an Alternative Form of Free Trade in Sugar Through 1980 ... ..	<i>M. Raquibuzzaman</i>
A Structural Model of Pakistan's Monetary Sector ...	<i>K. H. Imam</i>

### Notes and Comments

Recent Movements in Agriculture's Terms of Trade in Pakistan ... ..	<i>Stephen R. Lewis, Jr.</i>
An Extension of Sen's Model of the Valuation of Labour in Surplus Labour Economies ... ..	<i>A. P. Thirlwall</i>

### BOOK REVIEWS—BOOKS RECEIVED

*Subscription* : Rs. 12.00 or US \$5.00 per annum or equivalent in other currencies;  
*Individual copies* : Rs. 3.00 or US \$1.50 each.

Manuscripts and editorial correspondence should be addressed to the Managing Editor,  
**The Pakistan Development Review**, Old Sind Assembly Building, Bunder Road,  
Karachi-I. Books for review should be sent to the Book Review Editor.

## JOURNAL OF AGRICULTURAL ECONOMICS

**Vol. XXI, No. 2 (May 1970):**

Land Use Studies in Britain : A Review of the Literature with Special Reference to Applications of Cost-Benefit Analysis ... ..	<i>G. H. Peters</i>
Agriculture and Economic Growth ... ..	<i>S. A. Robson</i>
The Demand for Inputs and the Aggregate Supply Func- tion for Agriculture ... ..	<i>A. J. Rayner</i>
Game Theory—An Extension of its Application to Farm Planning under Uncertainty ... ..	<i>P. B. R. Hazell</i>
A Forecast of Milk Supply in England and Wales ... ..	<i>David Colman and Dennis Leech</i>
The Location of Maincrop Potato Production in Britain— An Application of Linear Programming ... ..	<i>J. R. Shaw</i>
Rent Determination with Share-cropping in Underdeve- loped Countries ... ..	<i>Antony Bottomly and Colin B. Baxter</i>

With Reviews, etc.  
Journal of

### THE AGRICULTURAL ECONOMICS SOCIETY

Published thrice yearly; annual subscription 63s.

**Editor:** O. J. Beilby, Department of Agriculture and Fisheries for Scotland,  
St. Andrew's House, Edinburgh, EH1 3DA, Scotland.

**Treasurer:** Ian G. Reid, Department of Agricultural Economics, Wye College,  
Ashford, Kent, to whom all enquiries regarding membership of the  
Society and orders for Journals should be sent.

# BANK WITH THE STATE BANK OF MYSORE

AND ENJOY ALL THESE FACILITIES



1. get attractive rates of interest on your deposits
2. obtain liberal financial assistance if you are a small-scale industrialist or a farmer
3. remit cash or cheques up to Rs. 2,500/- per day—free of charge
4. obtain Travellers Cheques at par
5. avail of safe deposit locker facilities
6. get expert aid for the transaction of all types of banking business both inland and foreign.



**STATE BANK OF MYSORE**

Always at your Service



---

# WORLD ATLAS OF AGRICULTURE

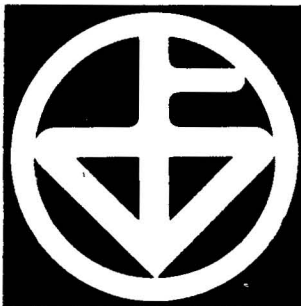
---

The World Atlas of Agriculture under the aegis of the International Association of Agricultural Economist is to present for the first time by means of medium-scale maps on a uniform basis, a view of agricultural resources and conditions covering all the inhabited land. It is a timely and indispensable undertaking and must rank not only as a major contribution to our knowledge but also as a tangible reminder of what can be achieved through international cooperation. The Atlas should be of special interest to the many thousands of laymen who need to be informed, and at the same time a source of information and guidance to public administrations, industries, banks, universities, research institutes, scientists, agricultural economists, in general to all public or specialized libraries and to those responsible for policy in promoting food supplies and above all in their effective distribution among under-nourished populations.



The World Atlas of Agriculture comprises **four volumes of monographs** format 24 x 34 cm, pellior bound with gold imprint. 500 pages circa per volume illustrating for each state or territory: physical environment and communications; main features of population; exploitation of resources, ownership and land tenure; land utilization; crops and animal husbandry; agricultural economy. Several statistical tables and numerous drawings illustrating natural regions, rainfall, population density, main agricultural products and animal husbandry, land tenure and types of farming. **An Atlas** format 34 x 48 cm, loose leaf binding, pellior cover with gold imprint. 62 full size 8-colour plates - 246 pages - 8 page introduction 20 colour tones corresponding to types of vegetation or cultivation and variously coloured symbols denoting special cultivations. The Atlas is composed by four series of maps. Each series will be enclosed with the volume of monographs to which it appertains.

The volumes appear as per the following publication schedule: **1st volume** - Europe-U.S.S.R.-Asia Minor - published in May 1969, **2nd volume** - Americas - published in July 1970, **3rd volume** - South and East Asia-Oceania - to be published in February 1971 and **4th volume** - Africa - to be published in March 1972.



We are interested in receiving additional informations on the **WORLD ATLAS OF AGRICULTURE**.

Please forward all the relative literature to:

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

TOWN \_\_\_\_\_

Kindly fill in this coupon and send it to:

W. A. A. - ISTITUTO GEOGRAFICO DE AGOSTINI  
NOVARA (Italy)

**A big helping hand  
to AGRICULTURE****We welcome proposals from agriculturists for:**

Short-term advances for purchase of fertilisers, seeds, pesticides, etc. ■ Medium-term advances for purchase of agricultural equipments like pump-sets, tractors, etc., and for irrigation, electrification of wells and construction of farm houses, etc. ■ Long-term advances for development of farms, plantations, poultry farming, dairy farming, etc.

■ We also offer financial assistance to manufacturers and distributors of agricultural inputs and equipments for their marketing and distribution operations.

Contact any of our Branches or Agricultural Finance Department at our Central Office in Bombay.

**BANK OF INDIA**

**YOU HAVE  
A FUTURE  
IN THIS STAR**



RAAS/BHOE



## KORDEK\*

### for Cleaner Castings

For Foundry work, use  
**KORDEK**—a cereal binder  
especially developed in  
the Corn Products Laboratories.  
Among its many advantages  
are:

- Uniform cores & moulds
- Complete bond control
- Greater binding strength
- Forms no blowholes
- Reduces baking time & rejects
- Cleaner Castings

### **KORDEK\***—the best binder of all

#### ATTENTION

For: BETTER GREEN STRENGTH  
PERFECT DRY STRENGTH  
UNIFORM POROSITY  
IMPROVED COLLAPSIBILITY  
UNPARALLELED PERMEABILITY  
**INSIST ON**

**COPROCO CEEBEE Core Binder or GLOBE brand**  
**Maize Yellow Dextrine**

For further technical information please contact:  
**INDUSTRIAL PRODUCTS DEPARTMENT**

**CORN PRODUCTS CO. INDIA (PRIVATE) LTD.**

Post Box No. 994, BOMBAY-1.

## WE ADVANCE LOANS

For

Land Improvement, Oil Engines, Electric  
Motors and Pump Sets, Tractors, Digging Wells,  
Irrigation Schemes, Etc.



For Full Particulars Contact

**DISTRICT CO-OPERATIVE LAND DEVELOPMENT BANKS**

**REGIONAL OFFICES AT**

AURANGABAD, NAGPUR, POONA and NASIK

or

**THE BOMBAY STATE CO-OPERATIVE LAND  
MORTGAGE BANK LTD.**

J. K. Building, 2nd Floor, Narottam Morarjee Marg,  
Ballard Estate, Bombay-1.

(Estd. 1935)

Telegram: "MORTGAGE"

Telephones

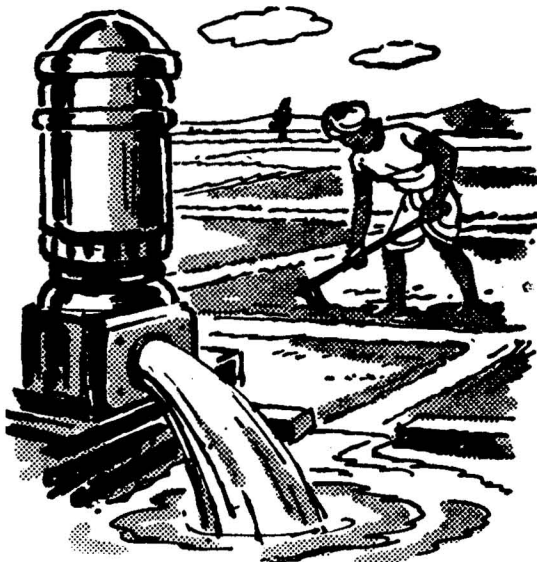
HEAD OFFICE: 267801-267802-267803  
MANAGING DIRECTOR : 261497 (Direct line)  
SUB-OFFICE NO. 1 : 260306  
SUB-OFFICE NO. 2 : 290006

**R. G. GOKHALE**  
Manager

**G. P. BHAVE**  
Managing Director

**N. A. KALYANI**  
President

**RUNNING WATER FOR THE THIRSTY LAND  
WITH THE HELP OF DENA BANK**



**DENA BANK**  
Gives Agricultural Loans  
ON EASY-TO-PAY-BACK TERMS

**To Farmers**

TO BUY MODERN EQUIPMENT, SUCH AS :  
TRACTORS, POWER PUMPS, GENERAL  
AGRICULTURAL IMPLEMENTS, BETTER SEEDS,  
CHEMICAL FERTILISERS, PESTICIDES, ETC.

**To improve their produce**

- Contact Dena Bank's Branch nearest to you.
- Correspond in your own language.



**DENA BANK**  
Head Office: Devkaran Nanjee Buildings,  
17, Horniman Circle, Fort, Bombay-1.

RATAN BATRA

DB/E/ 81-B

**THE ASIAN ECONOMIC REVIEW**

Tri-annual Journal of the Indian Institute of Economics

Vol. XII, No. I (April 1970) :

**Articles**

Modernisation of Small Industry in Asia ... ..	Ram K. Vepa
Productivity Differentials in Indian Industries ... ..	Saroj Sawhney
Planning in Pakistan since Partition ... ..	Rajendra Kumar Jain
Public Debt of Andhra Pradesh ... ..	K. V. Ramana Rao
Discrete Versions of Dynamic Programming and Maximum Principle for Investment Allocation in National Planning ... ..	G.V. L. Narasimhan and Abbas Mirakhor
Relative Efficiency of Monetary Policy Investments in a Growth Model ... ..	T.V.S. Rama Mohan Rao

**Reviews — Notes and Memoranda**

Annual Subscription :  
Rs. 20.00 or \$5.00 or 30sh.

Per copy :  
Rs. 7.00 or \$1.75 or 12sh.

Copies can be had from :

**REGISTRAR,**  
The Indian Institute of Economics,  
Hyderabad (A. P.) India

A compassion for the down-trodden and the underprivileged permeates all our activities in the Spheres of Agriculture, Agro-industries and Co-operation.

## THE MAHARASHTRA STATE CO-OPERATIVE BANK LIMITED

**Head Office :**  
9, Bakehouse Lane,  
Fort, Bombay-1.



**Regional Office :**  
Mahal,  
Nagpur.

**Total Deposits over Rs. 81 crores.**  
**Working Funds exceed Rs. 170 crores.**  
**Loans Advanced aggregate Rs. 129 crores.**

The Bank which puts  
**Social Purpose Foremost**

FOR ALL YOUR GENERAL INSURANCE BUSINESS

CONTACT

## THE UNION CO-OPERATIVE INSURANCE SOCIETY LTD.

(Incorporating The Maharashtra State Co-operative General Insurance Society Ltd.)

**Head Office:**

Union Co-operative Insurance Building,  
23, Sir P. M. Road,  
Fort, Bombay-1.  
Phone: 290606

**Zonal Office:**

592 (New) Sadashiv Peth,  
Bank of India Building,  
Laxmi Road, Poona-30.  
Phone : 58054/64

BRANCHES ALL OVER INDIA

**INDIA'S BIGGEST CO-OPERATIVE INSURANCE SOCIETY**

**Insure with us and Share in our Profits**

Tel. No. 26364

## THE AHMEDABAD DISTRICT CO-OPERATIVE BANK LTD.

Tilak Road, Ahmedabad

Paid-up Share Capital	...	Rs. 1,58,44,600
Reserve & Other Funds	...	Rs. 1,09,96,735
Deposits	...	Rs. 10,33,95,645
Working Capital	...	Rs. 18,35,74,310

48 Branches of the Bank in Ahmedabad &amp; Gandhinagar Districts

### ATTRACTIVE RATES OF INTEREST ON FIXED DEPOSITS

91 days	4 $\frac{1}{4}$ %	...	6 $\frac{3}{4}$ %	3 years
6 months	4 $\frac{3}{4}$ %	...	7%	5 years
12 months	5 $\frac{3}{4}$ %	...	7 $\frac{1}{4}$ %	6 years

"Savings Deposit 4%"

Contact to the nearest branch

Vithalbhai Patel  
MANAGER

Maganbhai R. Patel  
CHAIRMAN

## THE INDIAN ECONOMIC JOURNAL

The Quarterly Journal of The Indian Economic Association

Vol. XVII, No. 4 (January-March 1970):

Monetary Theory and Policy	...	...	Satyendranath Sen
Brain Drain : A Preliminary Survey	...	...	K. V. Nagarajan
Inter-State Variations in Industry in India, 1951-61:			
A Tentative Explanation	...	...	D. U. Sastry
Corporate Taxation and Economic Development	...	...	C. S. Laumas
A Note on Competitive Equilibria	...	...	Paul E. Smith
Surplus Labour in Punjab Agriculture	...	...	Sarjit Singh
On the Meaning of 'Factor Intensity' in the Heckscher-Ohlin Theory	...	...	Kanji Haitani
Approaches to Evaluation	...	...	K. Puttaswamaiah
Equipment Longevity	...	...	Richard C. Harmstone
A Welfare Criterion of Determination of the Agricultural Prices	...	...	P. N. Misra

All Communications should be Addressed to:

The Assistant Editor,  
**The Indian Economic Journal**,  
Department of Economics,  
University of Bombay, Bombay-32.

Per copy: Rs. 7.00 or 12/6 d.  
or \$ 1.50—post free.

Per annum: Rs. 30.00 or £2-10-0  
or \$ 6.00—post free.

# THE GUJARAT STATE CO-OPERATIVE LAND DEVELOPMENT BANK LIMITED

(Registered Office: Ahmedabad)

Estd. 1951

Telegram: 'KHETIBANK'

Telephone: } Ahmedabad: 50515/50539  
} Rajkot: 23608/23788

489, Ashram Road, Navrangpura, **AHMEDABAD-9**

The Bank is playing an important role in increasing agricultural production by creating capital assets on land by advancing productive loans for New Wells, Oil Engines, Electric Motors, Tractors, Bundings, Farm Houses, Reclamation of land, etc.

**Branches: 181. Authorised Share Capital: Rs. 10.00 crores**  
**Membership: 8,50,000. Debentures raised : Rs. 86.11 crores**

## DETAILS OF TOTAL ADVANCES

Sr. No.	Purpose	Number	Amount in crores
1.	New Wells ... ..	1,64,584	Rs. 38.83
2.	Repairs to Wells ... ..	34,763	Rs. 3.41
3.	Oil Engines & Electric Motors	1,45,555	Rs. 52.13
4.	Tractors ... ..	3,374	Rs. 6.25
5.	Advances under Land Reforms Act	56,947	Rs. 2.63
6.	Other purposes ... ..	—	Rs. 12.68
<b>TOTAL ADVANCES</b>			<b>Rs. 115.93</b>

**Maganbhai R. Patel**  
Vice-Chairman

**H. H. Trivedi, I.A.S. (Retd.)**  
Managing Director

**Udaybhansinhji,**  
Yuvaraj of Porbandar  
Chairman

**WORLD AGRICULTURAL ECONOMICS**  
**AND**  
**RURAL SOCIOLOGY ABSTRACTS**  
**( WAERSA )**

provides the comprehensive coverage of world literature essential for all those concerned with agricultural research, policy, or advisory services and for all specialized agricultural and economic libraries. Each quarterly number includes more than 1,000 abstracts classified in ten sections :

<p><b>Policy (International, National and Regional, Agrarian Reform, Land Use, etc.)</b>  <b>Supply, Demand and Prices</b>  <b>Marketing</b>  <b>International Trade</b>  <b>Finance</b></p>	<p><b>Production Economics (Land, Labour, Capital and Other Inputs, Management and Planning)</b>  <b>Co-operatives and Collectives</b>  <b>Education, Advisory Services and Research Institutions</b>  <b>Rural Sociology</b>  <b>Research Methods</b></p>
--	--

Current author, subject and geographical indexes in each number make it simple to locate references by subject, product or country. Titles are in the original language and English and full bibliographical data are included. Periodic review articles on specialized subjects provide informative surveys and comprehensive bibliographies of world literature. Recent articles still available as offprints have dealt with : The Adoption and Diffusion of Agricultural Practices; The Evaluation of Extra-Market Benefits; The Growth of Work Study and Allied Techniques in Agriculture; Human Factors and Farm Management; Social and Economic Development in Chinese Communist Agriculture; Organization and Planning in Soviet Agriculture.

Heavy subsidies contributed by Governments of the British Commonwealth and the Republic of Ireland have kept subscriptions down to £5.15s. per year for subscribers in contributing countries and £11.5s. (\$29.50) for those in other countries.

**Produced quarterly by:**

Commonwealth Bureau of  
 Agricultural Economics,  
 31A St. Giles, OXFORD

**Orders and Subscriptions to:**

C. A. B. Central Sales,  
 Farnham Royal, Near Slough,  
 Bucks, ENGLAND



**ADVERTISEMENT TARIFF**  
**FOR**  
**INDIAN JOURNAL OF AGRICULTURAL ECONOMICS**  
 ( Quarterly )

Mechanical Data

Size of printed page:  $19\frac{1}{2}$  cms.  $\times$   $12\frac{1}{2}$  cms.

No. of columns : One

Width of column:  $12\frac{1}{2}$  cms.

Average No. of pages per issue :

about 300 for Conference Number ;

about 120 to 140 for other numbers

on fine quality printing paper.

**RATES**

	<i>Per Issue</i>	<i>Per Annum (4 issues)</i>
Half page	Rs. 100/-	Rs. 360/-
Full page (ordinary)	Rs. 200/-	Rs. 700/-
Inside Back Cover page	Rs. 300/-	Rs. 1,050/-
Back Outer Cover page	Rs. 400/-	Rs. 1,400/-

**Membership Fee per Annum:** Rs. 20.00 or £2-10-0 or \$6.00.

**Annual Subscription:** Rs. 20.00 or £2-10-0 or \$6.00—post free.

**Student Concessional Subscription per Annum :** Rs. 15.00.

**Conference Number:** Single copy: Rs. 7.00 or 18s. or \$2.00  
—postage extra.

**Other Issues:** Single copy: Rs. 5.00 or 12s. or \$1.50—postage extra.

**The Honorary Secretary**

**THE INDIAN SOCIETY OF AGRICULTURAL ECONOMICS**  
 46-48, Esplanade Mansions, Mahatma Gandhi Road,  
 BOMBAY I.

## GUIDELINES FOR SUBMISSION OF PAPERS BY AUTHORS

1. **Subjects:** The objective of the *Journal* is to provide a forum for dissemination and exchange of findings of research on agricultural economics. Purely descriptive material is not appropriate for such a journal. Papers dealing with (i) new developments in research and methods of analysis, or (ii) which apply existing empirical research methods and techniques to new problems or situations, or (iii) which attempt to test new hypotheses/ theoretical formulations or modifications of existing theories or policies to explain economic phenomena especially in the Indian context, or (iv) papers based on research done by the authors bringing out new facts or data presented in an analytical frame will be preferred. Younger economists are advised to seek guidance from their seniors in the preparation of the paper for the *Journal*. A one-page statement indicating the author's own assessment of the importance and relevance of the findings reported in his paper in the context of recent researches would be welcome.

2. **Size of Paper :** In view of the exorbitant increase in the cost of printing, it has become necessary to restrict the length of the papers accepted for publication to 20 (double space) typed pages (of the size 8½-by-11 inches) including tables and appendices (with margins on all sides of at least 1½ inches). Papers exceeding this size limit will be returned to the authors. The authors may however send along with their papers such "supporting material" as may be of help to the referees in evaluating them. Abstracts not exceeding 100 words should be submitted in duplicate along with the paper.

3. **Copies :** Two copies of each paper should be submitted along with a processing fee of Rs. 15/- either by M.O. or crossed I.P.O. (\$ 4.00 or £ 2.50) drawn in the name of the Indian Society of Agricultural Economics, to meet partly the postage and other incidental charges.

4. **Author's identification :** To protect the anonymity of authors while referring the Papers for expert opinion on their merits, authors are advised to avoid disclosing their identity in the text and to attach a separate page showing the name(s) and affiliation(s) of the author(s) along with any footnotes containing bibliographical information or acknowledgements.

5. **Mathematical notations :** Only essential mathematical notations may be used; it is prohibitively costly to typeset such notations. All statistical formulae should be neatly typed.

6. **Figures-Charts and Tables :** Professional assistance should be availed of while presenting figures and charts. They should be drawn in black ink which can be easily reproduced by photographic process. Typescript is not suitable for reproduction. Roman numerals may be used for tables.

7. **Footnotes :** Footnotes should be numbered consecutively in plain arabic superscripts.

8. **References and citations :** Only cited works should be included in the reference list. Please follow the style of citations as in previous issues of this *Journal*.

9. **General :** While sending papers the authors should state that the material has not been published elsewhere or is not being published or being considered for publication elsewhere.

10. **Reprints :** Ten free reprints of the paper would be given to the author; additional reprints, if required, are supplied at cost which may be ascertained from the Editor.

---

*Printer :* Shri G.R. Shetty; Type-setting on Postscript laser printer at Indian School of Political Economy, Arhabodh, Pune - 411 016; Place of printing : Mudra, 383 Narayan Peth, Pune - 411 030; *Publisher :* Shri G.R.Shetty; Place of Publication and Owners : The Indian Society of Agricultural Economics, 46-48, Esplanade Mansions, Mahatma Gandhi Road, Fort, Bombay-400 001.

*SOME OF THE  
PUBLICATIONS OF THE INDIAN SOCIETY OF  
AGRICULTURAL ECONOMICS*

1. INDIAN JOURNAL OF AGRICULTURAL ECONOMICS 1940-1964-SELECTED READINGS (1966)	25.00
2. EVALUATION OF LAND REFORMS (with special reference to the Western Region of India) by Prof. M.L. Dantwala and Dr. C.H. Shah (1971)	15.00
3. COMPARATIVE EXPERIENCE OF AGRICULTURAL DEVELOPMENT IN DEVELOPING COUNTRIES OF ASIA AND THE SOUTH-EAST SINCE WORLD WAR II (1972)	Cloth bound \$ 9.00, £ 3.60 Card bound 30.00
4. INDIAN AGRICULTURAL DEVELOPMENT SINCE INDEPENDENCE (1986)	135.00
5. AGRICULTURAL DEVELOPMENT IN INDIA: THE NEXT STAGE (1988)	190.00
6. AGRICULTURAL DEVELOPMENT POLICY: ADJUSTMENTS AND REORIENTATION (1990)	250.00

SEMINAR SERIES

7. No. IV. SEMINAR-CUM-WORKSHOP ON PROBLEMS OF FARM PRODUCTION PLANNING AND PROGRAMMING (1964)	10.00
8. No. VI. SEMINAR ON FARM PRODUCTION PLANNING AND PROGRAMMING (1965)	8.00
9. No. VIII. SEMINAR ON FOODGRAINS BUFFER STOCKS IN INDIA (1969)	12.00
10. No. XII. SEMINAR ON RURAL DEVELOPMENT FOR WEAKER SECTIONS (1974)	25.00
11. No. XIII. SEMINAR ON THE ROLE OF IRRIGATION IN THE DEVELOPMENT OF INDIA'S AGRICULTURE (1976)	30.00
12. No. XV. SEMINAR ON CROP INSURANCE (1983)	60.00
13. TECHNOLOGY OPTIONS AND ECONOMIC POLICY FOR DRYLAND AGRICULTURE: POTENTIAL AND CHALLENGE Edited by Dr. N.S. Jodha (1989)	250.00
14. LIVESTOCK ECONOMY OF INDIA (1989)	95.00

Nos. 4, 6 and 14 can be had from:  
OXFORD & IBH PUBLISHING CO. PVT. LTD.,  
66, JANPATH, NEW DELHI-110001.

No. 5 from:  
HIMALAYA PUBLISHING HOUSE,  
Ramdoot, Dr. Bhalerao Marg, Girgaon, Bombay-400 004.

No. 13 from:  
CONCEPT PUBLISHING COMPANY,  
A-15-16, Commercial Block,  
Mohan Garden,  
New Delhi-110 059.

The rest can be had from:  
THE INDIAN SOCIETY OF AGRICULTURAL ECONOMICS,  
46-48, Esplanade Mansions,  
Mahatma Gandhi Road, Fort, Bombay-400 001.