



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 XXVI
No. 1

ISSN 0019-5014

JANUARY-
MARCH
1971

INDIAN JOURNAL OF AGRICULTURAL ECONOMICS



INDIAN SOCIETY OF
AGRICULTURAL ECONOMICS,
BOMBAY

PUBLICATIONS RECEIVED

Agrawal, G. D. and Bansil, P. C., *Economic Theory as Applied to Agriculture*, Vikas Publications, Delhi, 1971. Pp. vi+253. Library Edition Rs. 25.00; Student Edition Rs. 15.00.

Agro-Economic Research Centre for North-East India, *Rural Life in Assam Hills (Case Studies of Four Villages)*, Assam Agricultural University, Jorhat, Assam, 1969. Pp. 294. Rs. 15.00.

Brown, Lester R., *Seeds of Change : The Green Revolution and Development in the 1970's*, Overseas Development Council, Praeger Publishers, New York, U.S.A., 1970. Pp. xv+205. \$2.50.

Catanach, I. J., *Rural Credit in Western India : Rural Credit and the Co-operative Movement in the Bombay Presidency, 1875-1930*, University of California Press, Berkeley and Los Angeles, California, U.S.A., 1970. Pp. xi+269. \$8.75.

Dubhashi, P. R., *Principles and Philosophy of Co-operation*, Vaikunth Mehta National Institute of Co-operative Management, Poona, 1970. Pp. ix + 256. Rs. 15.00.

Gandhi, Ved P., *Some Aspects of India's Tax Structure : An Economic Analysis*, Vora & Co., Publishers Private Ltd., Bombay, 1970. Pp. xiv + 202. Rs. 15.00.

Gupta, R. D., *Wage Flexibility and Full Employment*, Vikas Publications, Delhi, 1971. Pp. viii+104. Rs. 14.00.

Hunter, Guy, *The Administration of Agricultural Development : Lessons from India*, Oxford University Press, Bombay, 1971. Pp. 160. Rs. 30.00.

Pathak, Mahesh T. and Patel, Arun S., *Agricultural Taxation in Gujarat*, The Council for Economic Education, Asia Publishing House, Bombay, 1970. Pp. xi+93. Rs. 7.50.

Prakash, Om, *Growth-Promoting and Growth-Retarding Factors in Indian Economy*, Studies on Developing Countries, No. 44, Center for Afro-Asian Research of the Hungarian Academy of Sciences, Budapest, Hungary, 1970. Pp. 18+X. \$0.80.

Sonachalam, K. S., *Land Reforms in Tamil Nadu : Evaluation of Implementation*, Research Programmes Committee, Planning Commission, Government of India, Oxford and IBH Publishing Co., New Delhi, 1970. Pp. 201. Rs. 20.00.

THE AUSTRALIAN JOURNAL OF AGRICULTURAL ECONOMICS

(Published by the Australian Agricultural Economics Society)

Volume 15	April 1971	No. 1
-----------	------------	-------

Contents :

The Cost-Price Squeeze on Australian Farm Income	T. E. Glau
Risk, Utility and Stocking Rate	I. D. McArthur and J. L. Dillon
A Wheat Policy for the Seventies	Keith O. Campbell
A Comparison of Income Averaging Pro- cedures for Income Tax Purposes... ..	A. H. Chisholm

Published thrice yearly

Editor : Warren F. Musgrave, Faculty of Agricultural Economics, University of New England, Armidale, N. S. W. 2351, Australia.

Membership \$5 or \$U.S. 6.00 from the Secretary, Mr. W. R. Bates, Bureau of Agricultural Economics, Department of Primary Industry, Barton, A. C. T. 2600, Australia.

YEAR BOOK OF LABOUR STATISTICS 1970

A unique reference work, now in its **30th Edition**, bringing together world-wide statistical data on labour and conditions of work in more than 180 countries and territories.

The new enlarged edition of the **Year Book** provides background information essential to a proper understanding of trends and developments in labour and related matters influencing all aspects of modern society. Its 49 tables of up-to-date statistics make it an indispensable source of reference and research in business and industry, universities, employers' and workers' organisations, and government.

An important new feature is a special table of total and economically active population by sex and age groups in the world over the period **1950-1980**.

For the first time since 1964 this edition also includes a table on industrial disputes by industry.

xxiv + 919 pages, trilingual (English French, and Spanish).

Price: { paper: 46Sw. frs.; \$US 11.50.
 { cloth : 56Sw. frs.; \$US 14.

Publications may be obtained through major booksellers, from ILO Publications.
International Labour Office, CH-1211, Geneva 22, Switzerland or
from ILO Area Office, 7 Sardar Patel Marg, New Delhi-11.



The Seed Corn: There is one quick way of bringing a farm to an end, and that is to rob the farmer of his seed corn. Out of each harvest, a farmer must put by a percentage of his corn to plant again in the next season. And if he has to expand and to plant new fields, then he must retain more and more of his crop to have more and more seed corn.

Profit is the seed corn of industry. As the corn grows and the seed increases, so profits flow out of industry. They are not a weed, to be scythed by the scythe of taxation or to be eradicated by the hoe of nationalization. They are the measure of an industry's efficiency. They are the new power generated by that industry for the creation of further industries.

WORLD AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY ABSTRACTS

(WAERSA)

<i>Annual Subscriptions</i>	1971	1972
in countries contributing to CAB	£5.75	£9.00
other countries	£11.25 (\$20.50)	£22.00 (\$57.00)

Each quarterly number (including current author, subject and geographical indexes) has more than 1,000 abstracts providing full cover of world literature under the following heads :

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

RECENT REVIEW ARTICLE REPRINTS :

The Evaluation of Extra-Market Benefits (35p or \$1.00); Two Decades of Social and Economic Development in Chinese Communist Agriculture, 1949-69 (40p. or \$1.20); The Organization and Planning of Soviet Agriculture (with glossary in Russian, English, French and German) (40p. or \$1.20) [German version from Oxford (DM. 5.)]; Investment Analysis Techniques with Emphasis on Cost Benefit Analysis and Renewable Resource Planning (40p. or \$1.20).

ANNOTATED BIBLIOGRAPHIES

1. The Green Revolution (\$1.70 or \$4.50)
2. The Marketing of Agricultural Produce in W. Africa (70p or \$1.80)
3. The Development of Chinese Agriculture 1949-70 (£2.50 or \$6.50)
4. The Economics of Fertilizer Use (£2.25 or \$5.84)
5. EEC Agricultural Policy : I Structural Reform (£2.25 or \$5.85)
6. EEC Agricultural Policy : II Membership Applications (£1.25 or \$3.25)
7. The Role of Private Plots in Socialist Agriculture 1949-70 (£1.25 or \$3.25)

Produced by :

COMMONWEALTH BUREAU OF
AGRICULTURAL ECONOMICS
Dartington House,
Little Clarendon Street,
Oxford OX1 2HH.

Order and Subscriptions to :

C.A.B. CENTRAL SALES
Farnham Royal, Slough SL2 3BN
Bucks, England.

**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

CANADIAN JOURNAL OF AGRICULTURAL ECONOMICS

Volume 18, No. 3

November/novembre 1970

Looking Backward, Forward and Sideways in Agricultural Economics	G. R. Winter
The Total Community of the Canadian Wheat Prairies	Carle C. Zimmerman and Garry Moneo
Rural Economics Reorganization as Induced by Agricultural Adjustments	Allan A. Warrack
Labour Productivity in Agriculture, A Canada-U.S. Comparison	L. Auer
Drainage Maintenance and Reconstruction Costs and Benefits: A Watershed Analysis	G. A. Norton and J. A. MacMillan
Use of Weighted Regression in Estimating Models of Binary Choice	Lowell E. Hill
The Economics of Pest Control in Canadian Apple Production	Lewis A. Fischer
Labour Mobility and Market Imperfections	Theodore P. Lianos
The Future Role of International Commodity Arrangements	J. S. Lohoar
Financial Management and Farm Planning Information: Some Implications for Research and Education	Peter J. Barry
The Task Force Report and Commercial Agriculture	H. D. McRorie, H. K. Leckie, A. D. MxLead

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. H. Hawkins, Editor, Department of Agricultural Economics, University of Alberta, EDMONTON 7, Alberta, Canada.

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

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.




HOW PROFITABLE IS YOUR FARMING?




In farming for profit, conventional methods won't do.



Profitable farming calls for:

- Adequate and timely water supply by having a suitable irrigation system: tubewells,  borewells, surface percolation wells with proper lifting devices, e.g. pumpsets,  rahat, etc.

- Necessary production inputs like chemical fertilizers,  improved seeds, pesticides,  insecticides, etc.

- Mechanisation with tractors,  power tillers,  improved implements and  power sprayers, for timely and precision operations.

- Diversification of farming with enterprises like dairy farming,  poultry farming,  piggery, horticulture,  sericulture, etc; to get maximum profit with available farm resources.

- Marketing facilities such as godowns,  cold storages, transport  vehicles, etc.

All this and more.
costs money.
And that makes
a profit-minded farmer
bank-minded. He reaps
a bumper harvest,
year after year, with
financial assistance
from BANK OF INDIA.
What about you?



Contact your nearest Branch,
for more details.

Bank of India

Tel. No. 26364

THE AHMEDABAD DISTRICT CO-OPERATIVE BANK LTD.

Tilak Road, Ahmedabad

Paid up Share Capital	...	Rs. 1,58,84,600
Reserve & Other Funds	...	Rs. 1,20,05,900
Deposits	...	Rs. 10,35,73,100
Working Capital	...	Rs. 19,61,16,880

51 Branches of the Bank in Ahmedabad & Gandhinagar Districts

ATTRACTIVE RATES OF INTEREST ON FIXED DEPOSITS

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

"Savings Deposit 4%"*Contact to the nearest branch*Vithalbhai Patel
MANAGERVithalbhai P. Amin
CHAIRMAN**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.**

STATE BANK OF MYSORE

OFFERS

ATTRACTIVE RATES ON DEPOSITS



CONTACT

Head Office:

Avenue Road, Bangalore-9.
Phone No.: 73061

Local Office:

24/26, Dalal Street,
Fort, Bombay-1.
Phone No.: 254210

THE INDIAN ECONOMIC JOURNAL

The Quarterly Journal of the Indian Economic Association

Volume XVIII

July-September, 1970

No. 1

An Empirical Study of the Ricardian Theory of Comparative Cost	Joel W. Sailors and William D. Bronson
Economic Expansion and the Terms of Trade under Conditions of Variable Factor Supplies	Raveendra Batra
Foreign Exchange Constraints in Economic Development : A Geometric Note	Deepak Lal
Tied Aid and Industrial Growth... ..	R. M. Honavar
Tied Loans, The Liquidity Constraint and the Two-Gap Models of Foreign Aid	Sunanda Sen
Three-Phases of Growth in a Developing Economy Relative to International Trade	S. Y. Wu and D. Wassink
Economic Growth, Trade and Welfare	K. C. Roy Chowdhury
A Note on Full Employment of Abundant Factor in Heckscher-Ohlin Theorem	Falih Al-Shaikhly
Devaluation—The Indian Case	V. C. Shah
A Note Surveying Books on the 1966 Devaluation of the Indian Rupee	Geeta Parthasarathy

Proceedings of 52nd Annual Conference of the Indian Economic Association

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 12/6d.
or \$ 1.50—post free.

Per annum: Rs. 30-00 or £2-10-0
or \$ 6.00—post free.

SYNDICATE BANK

Serves the country with over 450 branches spread over the States of Andhra Pradesh, Gujarat, Haryana, Kerala, Maharashtra, Mysore, Tamil Nadu, Uttar Pradesh, West Bengal and The Union Territories of Andaman Islands, Delhi, Goa and Pondicherry.

Syndicate Bank provides
all types of banking
services to suit all
classes of people.

SYNDICATE BANK

Head Office:
MANIPAL

K. K. PAI
CUSTODIAN

ARTHA VIJNANA

Quarterly Journal of the Gokhale Institute of Politics
and Economics, Poona 4—India

Volume 13

March 1971

No. 1

Inter-regional Homogeneity of Consumer Behaviour in India	<i>B. M. Mahajan</i>
Consumption Pattern of a Tribal Community	<i>Madhusudan Dattatraya Sathe</i>
Institutional Underwriting in India	<i>M. Y. Khan</i>
Projection of Occupational-Educational Structure of Manpower—A Study of Two Indian Public Sector Industries : Machine Tools and Heavy Electrical Equipment ..	<i>Shri Prakash</i>
Life Table for Ceylon 1963	<i>M. Balasubramanian,</i> <i>L.B. Kahawatte and R.N. Sharma</i>
Trends in Marriage Age of Girls in India ..	<i>S. S. Yadav</i>
Prof. Milton Friedman on Monetary Policy ..	<i>V. Krishna Murty</i>
The Indian Federation.. .. .	<i>Madhuri Bhargava</i>

Subscription Rates Inclusive of Postage :

Please address all correspondence to :

Annual : Rs. 25.00; \$ 7.50; 45s.
Single issue : Rs. 7.50; \$ 2.00; 15s.

The Editor, **Artha Vijnana**
Gokhale Institute of Politics and
Economics, Poona-4 (India).

THE GUJARAT STATE CO-OPERATIVE LAND DEVELOPMENT BANK LIMITED

489, Ashram Road,
Navrangpura,
AHMEDABAD-9

The Bank is playing an important role in increasing Agricultural Production by advancing productive loans for wells, oil engines and electric motors, tractors and farm machinery, bunding, farm houses, horticultural development, reclamation of land, etc.

Branches : 181
Membership : 8.00 lacs
Authorised Share Capital : 10 crores
Debentures raised : 92.88 lacs

DETAIL OF TOTAL ADVANCES

Sr. No.	Purposes	Number	Amount in crores
1.	New Wells	1,66,998	Rs. 40.71
2.	Repairs to Wells	36,542	Rs. 3.70
3.	Oil Engines & Electric Motors	1,50,964	Rs. 54.80
4.	Tractors	3,289	Rs. 6.43
5.	Advances under Land Reforms Act	—	Rs. 2.63
6.	Other purposes	—	Rs. 13.98
TOTAL ADVANCES :			Rs. 122.25

Maganbhai R. Patel

Vice-Chairman

H. H. Trivedi, I.A.S. (Retd.)

Managing Director

Udaybhansinhji

Chairman



The Bank of Maharashtra
helps agriculture

CONTACT NEAREST BRANCH

**THE BANK OF
MAHARASHTRA LTD**

At your service with 119 Branches

BM/6879

READ AND ADVERTISE IN

The following foremost trade and technical publications:

- ELECTRICAL INDIA—Monthly—Official Organ of the Indian Electrical Manufacturers' Association. Single copy—Rs. 3; Annual Subscription—Rs.30.
- MACHINE BUILDING INDUSTRY—Bi-Monthly—Officially recognised by the Indian Machine Tool Manufacturers' Association. Single copy—Rs. 4; Annual Subscription—Rs. 20.
- MBI'S INDIAN INDUSTRIES ANNUAL—Single copy—Rs. 15.
- INDUSTRIAL ENGINEERING AND MANAGEMENT—Quarterly—Official Organ of the Institute of Industrial Engineers (India). Single copy—Rs. 5; Annual Subscription—Rs. 16.
- TEXTILE MACHINERY, ACCESSORIES AND STORES—Bi-Monthly. Single copy—Rs.4; Annual Subscription—Rs. 20.
- INDIAN DRUGS & PHARMACEUTICALS INDUSTRY—Bi-Monthly. Single copy—Rs. 4; Annual Subscription—Rs. 20.
- AGRICULTURE AND AGRO-INDUSTRIES JOURNAL—Monthly. Single copy—Rs. 3; Annual Subscription—Rs. 30.
- CIVIL ENGINEERING, CONSTRUCTION AND PUBLIC WORKS JOURNAL—Bi-Monthly. Single copy—Rs. 4; Annual Subscription—Rs. 20.
- CHEMICALS AND PETRO-CHEMICALS JOURNAL—Monthly. Single copy—Rs. 3; Annual Subscription—Rs. 30.
- IND EXPORT—Bi-Monthly. Single copy—Rs. 4; Annual Subscription—Rs. 20.

For further details please contact :

PUBLISHERS/PROPRIETORS : CHARY PUBLICATIONS

Registered Office:
14, Sidh Prasad

GHATKOPAR-MAHUL ROAD
CHEMBUR, Bombay-89.

City Office :

18, MILITARY SQUARE LANE
2ND FLOOR, KALAGHODA
Bombay-1.

Phone : 257714-255060

Central provides that stalk from which springs manifold yield. Whether in agriculture, industry or any other sphere of human endeavour, 'CENTRAL' helps to reap a good harvest to those who work and work for progress. 'CENTRAL' gives encouragement to the man who has the talent and will to work

**ONE STALK
TO GIVE
THE YIELD
OF TWO**



PNB-CBI-106-70 A



CENTRAL BANK OF INDIA

HEAD OFFICE: MAHATMA GANDHI RD., BOMBAY-1

BANK THAT MOVES OUT TO PEOPLE AND PLACES.

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—post free.****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 ECONOMICS46-48, Esplanade Mansions, Mahatma Gandhi Road
BOMBAY I.

earn increased rates of interest on small savings

Higher interest rates announced by the Central Government are now in force.

you can't help saving now!

POST OFFICE SAVINGS BANK—

- i) Single, Joint and Provident Fund Accounts.
- ii) Minimum Balance Rs. 100.
- iii) Blocked Deposit for 2 years.

POST OFFICE TIME DEPOSITS

POST OFFICE RECURRING DEPOSIT

7-YEAR NATIONAL SAVINGS CERTIFICATE (IV ISSUE).

Old Rate (p. a.)	New Rate (p. a.)
3½%	4%
4%	4½%
4½%	4½%
5½% to 6¾%	6% to 7½%
6½%	6¾%
7½%	7½%

For details, please ask your nearest Post Office or write to the Regional Director, National Savings of your State.

NATIONAL SAVINGS ORGANIZATION



dayp 70/644

LIST OF CONTRIBUTORS

AUTHORS

- Ralph W. Cummings, Jr. : Advisor in Agricultural Economics, Harvard Advisory Group, DJakarta, Indonesia.
- C. C. Maji
D. Jha
L. S. Venkataramanan } Division of Agricultural Economics, Indian Agricultural Research Institute, New Delhi-12.
- M. G. Pavaskar : Economist, Tata Economic Consultancy Services, Orient House, Mangalore Street, Ballard Estate, Bombay-1.

REVIEWERS

- S. M. Shah : Director (IAD), Department of Community Development, Ministry of Food, Agriculture, Community Development and Co-operation, Government of India, New Delhi.
- G. Parthasarathy : Professor & Head, Department of Co-operation and Applied Economics, Andhra University, Waltair (A.P.).
- E. T. Mathew : Department of Economics, University of Kerala, Trivandrum.
- R. Ramanna : Professor of Agricultural Economics, Agricultural College, University of Agricultural Sciences, Hebbal, Bangalore-3.
- C. Muthiah : Deputy Director, Agro-Economic Research Centre, University of Madras, Madras-5.
- N. S. Jodha : Senior Research Officer, Agro-Economic Research Centre, Vallabh Vidyanagar, District Kaira (Gujarat).
- Mahendra Desai : Deputy Director, Agro-Economic Research Centre, Vallabh Vidyanagar, District Kaira (Gujarat).
- A. P. Kulkarni : Kirloskar Consultants, 917/19A Shiva-jinagar, Fergusson College Road, Poona-4.

STATEMENT ABOUT OWNERSHIP AND OTHER PARTICULARS OF THE
INDIAN JOURNAL OF AGRICULTURAL ECONOMICS

[In terms of Rule 8 of the Registration of Newspapers (Central) Rules 1956]

FORM IV

1. Place of Publication : The Indian Society of Agricultural Economics,
46-48, Esplanade Mansions, Mahatma Gandhi Road,
Fort, Bombay-1.
2. Periodicity of its Publication : Quarterly.
3. Printer's Name : Shri T. R. Sundaram.
Nationality : Indian.
Address : No. 7, Dey's Building, Jawaharlal Nehru Road,
Mulund (West), Bombay-80.
4. Publisher's Name : Shri T. R. Sundaram.
Nationality : Indian.
Address : No. 7, Dey's Building, Jawaharlal Nehru Road,
Mulund (West), Bombay-80.
5. Editor's Name : *Editorial Board :*
- | | |
|----------------------|-------------|
| Prof. M. L. Dantwala | .. Chairman |
| Shri V. M. Jakhade | .. Editor |
| Dr. Jai Krishna | } Members |
| Dr. Nilakantha Rath | |
| Dr. C. H. Shah | |
| Dr. I. J. Singh | |
- (1) Prof. M. L. Dantwala,
Kumar Villa, 1st Pasta Lane,
Colaba, Bombay-5.
- (2) Shri V. M. Jakhade,
25, 'Bank House,'
156, Backbay Reclamation,
Bombay-1.
- (3) Dr. Jai Krishna,
Chief Economist & Head,
Management Services Division,
The State Trading Corporation of India Ltd.,
Chandra Lok Building, 36, Janpath,
New Delhi.
- (4) Dr. Nilakantha Rath,
Gokhale Institute of Politics & Economics,
Poona-4.
- (5) Dr. C. H. Shah,
Department of Economics,
University of Bombay, Bombay-32.
- (6) Dr. I. J. Singh,
Department of Agricultural Economics & Co-operation,
U.P. Agricultural University, Pantnagar,
Dist. Nainital (U.P.)
6. Names and addresses of individuals
who own the newspapers and
partners or shareholders, holding
more than one per cent of the total
capital : The Indian Journal of Agricultural Economics is
owned by the Indian Society of Agricultural Econo-
mics, 46-48, Esplanade Mansions, Mahatma Gandhi
Road, Fort, Bombay-1.

I, T. R. Sundaram, hereby declare that the particulars given above are true to the best of my knowledge and belief.

Date : 31st March, 1971.

Sd/- T. R. SUNDARAM
Name of the Publisher



**To help produce a better crop
State Bank will give him
credit for fertilisers, pesticides
and hybrid seeds**

Depending upon the nature of crops and size of cultivated land the State Bank helps the farmer by cash credit against crops, at reasonable rates of interest.

Call at your nearest branch of the State Bank and see how they can help you obtain better yields and higher profits through modern farming methods.

**NOW, ENSURE A BETTER HARVEST NEXT YEAR
STATE BANK FOR SERVICE**

S.379A

Printer : Shri T. R. Sundaram; Place of Printing : The Examiner Press, 35, Dalal Street, Fort, Bombay-1; Publisher : Shri T. R. Sundaram; Place of Publication and Owners : The Indian Society of Agricultural Economics, 46-48, Esplanade Mansions, Mahatma Gandhi Road, Fort, Bombay-1.

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 8 $\frac{1}{2}$ -by-11 inches) including tables and appendices (with margins on all sides of at least 1 $\frac{1}{2}$ 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, Arhabodhi, 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.