



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

(Agriculture and Communication)

COMMUNICATE

Heart to heart, mind to mind,
That's what we did—
for the first time in Indian Banking
to disseminate information on modern agriculture
to farmers,
Demonstrating experimenting
productive and profitable agriculture,
Creating an awareness in them
Through
Farm Information Exchange Clubs
Capturing their interest
Through
Future Farmers Clubs in High Schools
Getting them involved
Through
Farm bulletins, expert lecture programmes,
competitions, melas
Infusing the desire to learn and improve
Through
Meetings with agriculture scientists
An extension activity on extensive and intensive
scale supporting agricultural finance introduced
so many years ago when no one would have dared
The countryside is much greener today

SYNDICATE BANK

Pioneer in farm communication

AGRICULTURAL SITUATION IN INDIA

A Monthly Journal of the Directorate of Economics and Statistics, Ministry of Agriculture.

Main features:

- Articles from experts to enable critical appreciation of current trends and prospects.
- Extensive commentary on the agricultural development 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. 4.00 or £ 0.47 or \$ 1.44
 ; Annual : Rs. 48.00 or £ 5.60 or \$17.28

Available from:

The Controller of Publications, Civil Lines, Delhi-110054.

COMMONWEALTH AGRICULTURAL BUREAUX

World Agricultural Economics and Rural Sociology Abstracts (WAERSA)

World Agricultural Economics and Rural Sociology Abstracts (WAERSA)

- WAERSA is still the main information source for economists, planners and administrators on all policy, production, marketing and supply aspects of agriculture and on related social and rural questions.
- published monthly, about 8,000 abstracts per year.
- full current author, subject and geographical indexes.
- database available for online searching as a subfile of CAB abstracts via DIALOG ESA/IRS and DIMDI.

1984 Subscription Rate: Non-member countries US \$ 326.00; £ 161.75
CAB member countries £ 105.00

SPECIAL OFFER—35% DISCOUNT to all first year subscribers.

Obtainable from:
Commonwealth Agricultural Bureaux,
Central Sales,
Farnham House,
Farnham Royal,
Slough SL2 3BN, UK
Tel. Farnham Common (02814) 2662

Computer Searches and Information from:
Commonwealth Bureau of Agricultural
Economics,
Dartington House,
Little Clarendon Street,
Oxford OX1 2HH, U.K.
Telex: 847964 Cables: Comag, Slough

WITH THE BEST COMPLIMENTS OF
AGRICULTURAL FINANCE CORPORATION LIMITED
(Regd. Office: Dhanraj Mahal, CSM Marg, Bombay 400 039)

Tel: 2028924

An Institution extending project consultancy services to individuals, institutions, commercial banks, state governments, World Bank, Asian Development Bank, Food and Agriculture Organization, International Fund for Agricultural Development, Islamic Development Bank, African Development Bank, etc.

Techno-economic surveys and project formulation for agricultural and rural development.

- Regional Offices:** — Eastern Region : Calcutta
Northern Region : Lucknow
Southern Region : Madras
- Branch Offices:** — Patna, Kota, Shillong, Ahmedabad, Trivandrum, Chandigarh, Hyderabad, Bhopal
- Project Office:** — New Delhi

M. NARASIMHAM

CHAIRMAN

MANAGING DIRECTOR



Imageads/BOB/6-10-10



**An integral part
of integrated
rural development**

Since October 2, 1977, Bank of Baroda has been fostering all-round integrated rural development through its Gram Vikas Kendras. Today, the network consists of over 160 such GVKs.

Bank of Baroda provides financial assistance for a wide range of productive activities like agriculture and allied activities such as poultry farming, dairying, sheep breeding, sericulture etc. and rural crafts and trades.



Bank of Baroda

(A Government of India Undertaking)

The Businesslike Bank.

Pakistan Journal of Applied Economics

Volume III, No. 1

Summer 1984

Aly Ercelawn.

Income inequality in rural Pakistan: A study of sample villages.

Hafiz A. Pasha and Tahira Qureshi.

Capacity utilisation in selected industries of Pakistan.

Elie Appelbaum and Aman Ullah.

An empirical test of the risk aversion hypothesis.

Mohammed Sabihuddin Butt.

Education and farm productivity in Pakistan.

Book Reviews

ANNUAL SUBSCRIPTION RATES

	Surface Mail	Air Mail
Overseas		
Institutions	US \$ 20.00	US \$ 30.00
Individuals	US \$ 12.00	US \$ 22.00
Subcontinent:		
Institutions	Rs. 50.00	Rs. 60.00
Individuals	Rs. 30.00	Rs. 40.00
Students*	Rs. 20.00	Rs. 30.00

*Students must provide a letter supporting their status.

Pakistan Journal of Applied Economics, Applied Economics
Research Centre, University of Karachi, P. O: Box 8403,
Karachi - 32, Pakistan.

ARTHA VIJNANA

Journal of the Gokhale Institute of Politics and Economics
Pune 411 004

Vol. 26, No. 4

Contents

December 1984

Articles

The Prevailing Forms of Crisis in Soviet-type Economies

Bernard Chavance

**Some Issues Concerning Economic Rationality in USSR and East
European Countries**

K. K. Das Gupta

Multilateralisation of the Intra-CMEA Trade

B. G. Bapat

Earnings, Incomes and Living Standards in Bulgaria

B. Debroy

Review Articles

Is It Socialism and Is It Feasible ?

Ramnath Narayanaswamy

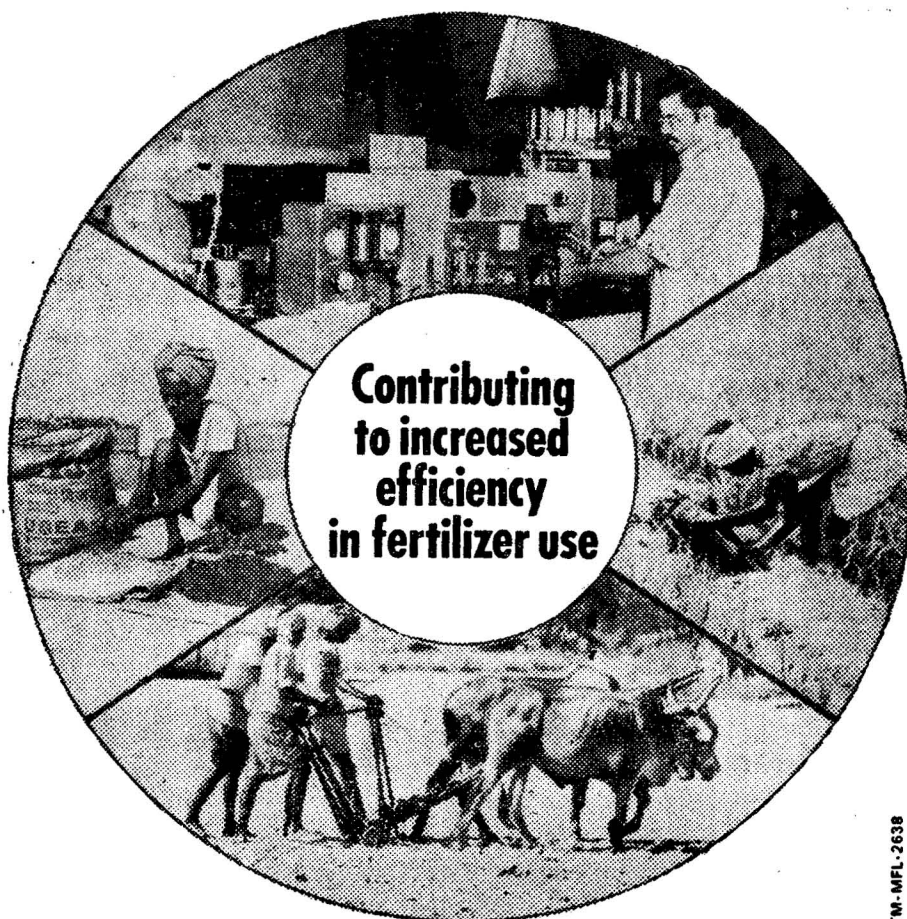
Economic Regulation Through Shortage Ramnath Narayanaswamy

Book Reviews

Revised Subscription Rates (inclusive of ordinary postage):

Annual: Rs. 90, \$ 30, £ 15. Single Issue: Rs. 30, \$ 10, £ 5.

Please address all correspondence relating to academic matters
(e.g., articles, book reviews, etc.) to Dr. B. G. Bapat, Managing Editor,
Artha Vijnana and other correspondence (e.g., subscription, etc.) to the
Editorial Assistant, Artha Vijnana, Gokhale Institute of Politics and
Economics, Pune 411 004 (India)



HTM-MFL-2638

Fertilizer being an expensive input forms a sizeable percentage of a farmer's total cultivation cost. Therefore, it is of critical importance to use every unit of fertilizer effectively.

Towards this, in all our field programs as well as mass media programs, we have been communicating to farmers the following practices designed to enhance fertilizer use efficiency.

- ☐ Soil testing to determine fertilizer needs for each field and crop.
- ☐ Placement of fertilizers.

- ☐ Split application of nitrogen
- ☐ Conservation and efficient utilization of organic wastes.
- ☐ Use of neem cake treated urea for top dressing of paddy.
- ☐ Use of high yielding varieties, proper water management and timely control of weeds and other pests.

MFL-at the service of farmers

Madras Fertilizers Limited,
Manali, Madras 600 068



INDIAN JOURNAL OF INDUSTRIAL RELATIONS

A Quarterly devoted to advancement of knowledge in the field of industrial relations including relevant aspects of labour economics, sociology, industrial psychology, personnel management and labour laws. The Journal also welcomes communications from managers and trade union leaders reflecting their experience and insights. All manuscripts intended for publication and books for review should be sent in duplicate to the editor.

Editor : C. K. Johri
Associate Editor : Kuriakose Mamkoottam

Vol. 20 No. 2 October 1984

Organizational Goals and Lower Management Job Satisfaction.	<i>Pradip N. Khandwalla and Gautam Raj Jain</i>
Variables in Redesign Jobs : A comparative study of job diagnostic survey and two factor theory constructs.	<i>Omer Bin Sayeed</i>
Workers' Influence in Managerial decision-making : A study in Bangladesh.	<i>M. A. Mannan</i>
Occupational stress, security-insecurity and job involvement of first-level industrial supervisors.	<i>A. P. Singh and H. C. Singh</i>
Productivity per worker under 'disguised' unemployment in rural Uttar Pradesh.	<i>V. N. Misra</i>
Poverty, Literacy and life expectancy : A Taxonomic Analysis.	<i>C. K. Johri and B. K. Jain</i>
<i>Communications</i>	
Sharing of productivity gains in Indian Sugar Industry : An empirical study.	<i>M. P. Singh and Nar Singh</i>
Changing pattern of Industrial employment in Haryana	<i>K. K. Tandon</i>
Social Power in Indian Organisations.	<i>Mahfooz A. Ansari, Alka Kapoor and Rehana</i>

Index of Articles (Based on the SRG Library)

Subscription Rate; Rs. 60.00 a year; Rs. 115.00 for two years; Rs. 170.00 for three years; Rs. 15.00 for single copy.

Cheques payable to Shri Ram Centre for Industrial Relations and Human Resources may be sent to Shri Ram Centre for Industrial Relations and Human Resources, 5, Sadhu Vaswani Marg, New Delhi-110 005 (India).

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	45.00
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.