



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 XLIV
No. 4

ISSN 0019-5014

OCTOBER-
DECEMBER
1989

INDIAN JOURNAL OF AGRICULTURAL ECONOMICS



INDIAN SOCIETY OF
AGRICULTURAL ECONOMICS,
BOMBAY

Behind millions of happy farmers...



mahyco[®]

India's foremost seed company!

Mahyco is committed to increased agricultural production through genetic research.

Mahyco's ongoing R&D programmes, carried out in different locations and in its modern laboratories, are aimed at creating seeds to give higher economic returns.

Mahyco seeds produced under expert technical supervision meet stringent vigour and purity tests.

Mahyco's nationwide distribution network ensures the reach of such seeds and services to the smallest farmer.

Maharashtra Hybrid Seeds Co. Ltd.

19, Raj Mahal, 84, Veer Nariman Road, Bombay-400 020. Phone: 2044178, 2043020, 2047871 Gram: HYBRIDSEED. Telex: 011-5671
B-4 Industrial Estate, Jalna - 431 203. Phone: 2841, 2842, 2843, 2844. Gram: HYBRIDSEED.

MAHYCO SEEDS— FOR HIGH YIELD, HIGH PROFIT.

INDIAN JOURNAL OF INDUSTRIAL RELATIONS

A Quarterly devoted to dissemination of knowledge in the fields of Industrial Relations and Human Resources, including relevant aspects of labour relations, personnel management and rural labour. Besides, communications from Managers and Union Leaders reflecting their views and Book Reviews are also incorporated.

Editor: J.S. Sodhi

Vol. 24

No. 4

April 1989

Articles

- | | |
|---|---|
| Managerial Response to Organizational Systems' Barriers : An Assessment | <i>Omer Bin Sayeed and M. L. Rao</i> |
| Job Involvement : Relationship to Perceived Outcome Importance and Family Environment | <i>Sarah Aleem and Preetam Khandelwal</i> |
| Profiles of Stress Experiences : Variations Across Ownership and Management Levels | <i>Shailendra Singh</i> |
| Are Leadership Styles Predictive of Managerial Effectiveness? | <i>Shakuntala Balaraman</i> |

Communications

- | | |
|---|------------------------------------|
| A Participatory Dimension of Union Democracy : Comparative Analysis | <i>Puvvada Devakidevi</i> |
| Interaction Process Among Faculty Members : A Study of Andhra University | <i>K. Ramesh</i> |
| Extent of Alienation as a Consequence of Social Change among Farm Labourers | <i>Harnek Singh</i> |
| Perceived Occupational Stress and Mental Health : A Case Study | <i>Jagdish and A.K. Srivastava</i> |

Index of Articles (Based on SRC Library)

Subscription Rate: for India - Rs.100.00 for one year; Rs.280.00 for three years; Rs.470.00 for five years; and Rs.25.00 for a single copy. For foreign countries (Air Mail) - \$55 for one year; \$165 for three years; and \$275 for five years. For foreign countries (Sea Mail) - \$25 for one year; \$75 for three years; and \$125 for five years.

Cheques payable to Shri Ram Centre for Industrial Relations and Human Resources, 4-E/16, Jhandewalan Extension, New Delhi-110 055.

ARTHA VIJNANA

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

Vol. 31

No. 3

Septemebr 1989

CONTENTS

Articles

Demand for Energy in a Rural Economy: A Micro Study *Debesh Chakraborty, Tuhin Das and Swapan Seth*

Equality-Oriented Rural Development in India - Its Origins, Shaping and Consequences *Kalyan Sankar Mandal*

Instability in Indian Crop Production: Its Magnitude and Sources *Suresh Pal and A.S. Sirohi*

Some Further Evidences on the Factor Content of Indian Trade *A.K. Sen Gupta*

New Technology and Labour Absorption in Agriculture: Some Emerging Issues *V. Ratna Reddy*

Comment and Reply

Economic Utility and Demand for Children - Comment *K. Sivaswamy Srikantan*

Economic Utility and Demand for Children - Reply *T. Lakshmanasamy*

Review Article

Forest, State and the People *Sharad Kulkarni*

Book Reviews

Revised Subscription Rates (inclusive of ordinary postage):

Annual: Rs. 120, \$ 40, £ 25. Single issue: Rs. 40, \$ 15, £ 10.

Please address all correspondence relating to academic matters (e.g., articles, book reviews, etc.) to Dr. B.S.R. Rao, 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).

INDIAN JOURNAL OF INDUSTRIAL RELATIONS

A Quarterly devoted to dissemination of knowledge in the fields of Industrial Relations and Human Resources, including relevant aspects of labour relations, personnel management and rural labour. Besides, communications from Managers and Union Leaders reflecting their views and Book Reviews are also incorporated.

Editor: J.S. Sodhi

Vol. 25

No. 1

July 1989

ARTICLES

- Comparative Impact of Monetary Incentives on Productivity in Public and Private Enterprises: A Case Study of the Indian Economy *Prajapati Trivedi and Rajen Mookerjee*
- Organisational Climate: A Property of the Individual or the Organisation? *Baldev R. Sharma*
- Trusteeship in Industry: Gandhiji's Dream and Contemporary Reality *Subratesh Ghosh*

COMMUNICATIONS

- Industrial Relations in the Japanese Banking Industry *Gan Chin Lee*
- Political Strategies and Individual Experiences: Are Public and Private Sector Managers Different? *Pramod Kumar and Rehana Ghadially*
- Worker's Identification with his Union and Its Correlates *P.P. Arya*
- Pre-conditions of Relative Deprivation - An Empirical Validation *C.M. Abraham and K. Pradeep Kumar*

INDEX OF ARTICLES (Based on SRC Library)

Subscription Rate: for India - Rs.100.00 for one year; Rs.280.00 for three years; Rs.470.00 for five years; and Rs.25.00 for a single copy. For foreign countries (Air Mail) - \$55 for one year; \$165 for three years; and \$275 for five years. For foreign countries (Sea Mail) - \$25 for one year; \$75 for three years; and \$125 for five years.

Cheques payable to SHRI RAM CENTRE FOR INDUSTRIAL RELATIONS AND HUMAN RESOURCES, 4-E/16, Jhandewalan Extension, New Delhi-110 055.

DOCUMENTED INDEX OF ARTICLES RELATING TO AGRICULTURAL ECONOMICS

A documented index of over 25,850 articles relating to Agricultural Economics published in Indian and foreign periodicals covering the period 1951-86, classified according to the Dewey Decimal System and computer-printed is available for sale to Universities and research institutions at cost.

A similar index of articles covering 1,070 titles relating to the year 1987 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-400 001.

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).

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.