

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

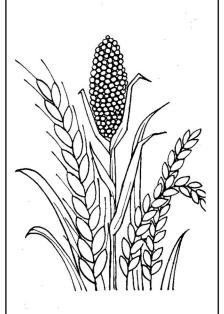
Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.

Vol XXXI No. 1

JANUARY-MARCH 1976 ISSN

0019-5014

INDIAN JOURNAL OF AGRICULTURAL ECONOMICS





INDIAN SOCIETY OF AGRICULTURAL ECONOMICS, BOMBAY

PUBLICATIONS RECEIVED

Alexander, K.C., Agrarian Tension in Thanjavur, National Institute of Community Development, Hyderabad, 1975. Pp. v+192. Rs. 45.00.

Araullo, E.V., de Padua, D.B., Graham, Michael (Eds.), *Rice: Post-harvest Technology*, International Development Research Centre, Ottawa, Canada, 1976. Pp. 394.

Armstrong, J. and Lloyd, D.H., A Better Place to Work—A Study in Management Development arising from Audit of the Human Organisation in an Agricultural Business, Research Study No. 18, University of Reading, Department of Agriculture and Horticulture, Reading, England, 1975. Pp. 138+15. £ 2.50.

Bangladesh, The People's Republic of, Farm Management Survey Report on Bogra Project, Farm Management Series No. 11, Agro-Economic Research Section, Ministry of Agriculture, Dacca-2, March, 1974. Pp. 46.

Bapna, S.L., Saving and Investment in an Agriculturally Prosperous Area (A Study in the Kota District, Rajasthan), 1971-72, Research Study No. 36, Agro-Economic Research Centre (for Gujarat and Rajasthan) Sardar Patel University, Vallabh Vidyanagar, 1974. Pp. 87 (mimeo.).

Bapna, S.L., Saving and Investment in an Agriculturally Prosperous Area (A Study in the Kota District, Rajasthan), 1972-73 Research Study No. 41, Agro-Economic Research Centre (for Gujarat and Rajasthan), Sardar Patel University, Vallabh Vidyanagar, 1975. Pp. 81+xii (mimeo.).

Bapna, S.L. and Verma, H.M., Saving and Investment in an Agriculturally Prosperous Area (A Study in the Kota District, Rajasthan): Combined Report, 1970-71—1972-73, General Report and Case Studies, Research Study No. 43, Agro-Economic Research Centre (for Gujarat and Rajasthan), Sardar Patel University, Vallabh Vidyanagar, 1975. Pp. 161+xvii (mimeo.).

Bhargava, P.K., Taxation of Agriculture in India, Vora & Co., Publishers Pvt. Ltd., Bombay-2, 1976. PP vii+111. Rs. 20.00.

Boyce, James K. and Evenson, Robert E., National and International Agricultural Research & Extension Programmes, Agricultural Development Council, Inc., New York., U.S.A., 1975. Pp. vii+229. \$ 4.50.

Chaturvedi, M.C., Second India Studies—Water, The Macmillan Company of India Ltd., Delhi, 1976. Pp. viii+94. Rs. 8.00.

Choudhary, K.M. and Bapat, M.T., A Study of Impact of Famine and Relief Measures in Gujarart and Rajasthan (with special reference to Banaskantha and Barmer Districts), Research Study No. 44, Agro-Economic Research Centre (for Gujarat and Rajasthan), Sardar Patel University, Vallabh Vidyanagar, 1975. Pp. 507+xv (mimeo.).

Committee on Economics Teaching Material for Asian Universities (Ed.), Economic Theory and Practice in Asian Setting: Volume 1—Macroeconomics, pp. xi+172; Volume 2—Microeconomics, pp. xi+170; Volume 3—The Economics of Agriculture, pp. xii+245; Volume 4—The Economics of Development, pp. xii+274. Wiley Eastern Ltd., New Delhi, 1975. Rs. 24.00 each volume.

Dagli, Vadilal (Ed.), Financial Institutions of India, Commerce Economic Studies Vol. XII, Commerce (1935) Ltd., Vora & Co., Publishers Pvt. Ltd., Bombay-2, 1976. Pp. iv+338. Rs. 40.00.

Daniel, A.V., Strategy for Agricultural Development, Vora & Co., Publishers Pvt. Ltd., Bombay-2, 1976. Pp. xii+171. Rs. 25.00.

Desai, M.D., Saving and Investment in an Agriculturally Prosperous Area—A Case Study of Surat District in Gujarat, 1971-72, Research Study No. 40, Agro-Economic Research Centre (for Gujarat and Rajasthan), Sardar Patel University, Vallabh Vidyanagar, 1975. Pp. 91+lxv (mimeo.).

Ghosh, P.K., Minocha, V.S. and Gupta, D.B. (Eds.), Business, Economics & Planning (Essays in honour of Professor A. B. Ghosh), Kalyani Publishers Ludhiana, 1976. Pp. xx+325. Rs. 45.00.

Golikov, V. (Ed.), Soviet Agriculture: 1965—1975, Novosti Press Agency Publishing House, Moscow, 1975. Pp. 326.

Gupta, V.K. and Mathur, D.P., Wheat Production, Marketing, and Procurement, CMA Monograph No. 58, Centre for Management in Agriculture, Indian Institute of Management, Ahmedabad, 1976. Pp. vi. +292. Rs. 12.50.

Hunter, Guy, The Implementation of Agricultural Development Policies: Organisation, Management and Institutions, Summary and Comment on the Second International Seminar on Change in Agriculture, at the University of Reading, September 9-19, 1974, Overseas Development Institute Ltd., London, 1974. Pp. v+39. 50p.

India, Government of, National Sample Survey: Number 215—Twenty-sixth Round: July, 1971—September, 1972—Tables on Land Holdings—All India, National Sample Survey Organisation, Department of Statistics, Ministry of Planning, New Delhi, 1976. Pp. vi. +54.

Kuppuswamy, B., *Population and Society in India*, Popular Prakashan Pvt. Ltd., Bombay-34, 1975. Pp. vii+136. Rs. 28.00.

Management Development Institute, Management of Cotton Spinning Industry, New Delhi-57, 1976. Pp. viii+238. Rs. 15.00.

- Moulik, T.K., From Subsistence to Affluence: Socio-Psychological Aspects of Development Change in New Delhi Villages, Popular Prakashan Pvt. Ltd., Bombay-34, 1975. Pp. xv+180. Rs. 48.00.
- Moulik, T.K. and Srivastava, U.K., Bio-Gas Plants at the Village Level: Problems and Prospects in Gujarat, CMA Monograph No 59, Centre for Management in Agriculture, Indian Institute of Management, 1975. Pp. 149. Rs. 10.00.
- Naidu, I.J., All-India Report on Agricultural Census, 1970-71, Ministry of Agriculture and Irrigation (Department of Agriculture) Government of India, Manager of Publications, Delhi, 1975. Pp. 285. Rs. 19.50.
- National Institute of Community Development, *Perspectives on Tribal Development and Administration*, Papers and Proceedings of the Workshop held at NICD, Hyderablad, 18-20 April, 1974, Hyderabad, 1975. Pp. xii+260. Rs. 45.00.
- National Institute of Community Development, Changing Agrarian Relations in India, Papers and Proceedings of Seminar held at the NICD, Hyderabad, April 5-6, 1974, Hyderabad, 1975. Pp. viii+196. Rs. 45.00.
- Organisation for Economic Co-operation and Development, 1975 Review—Development Co-operation: Efforts and Policies of the Members of the Development Assistance Committee, Paris, France, 1975. Pp. 261. £ 5.00.
- Patel, H.F., Employment Situation in Dry Agriculture—A Study in an IADP Project Area (Rajkot Taluka, Gujarat), Research Study No. 39, Agro-Economic Research Centre (for Gujarat and Rajasthan), Sardar Patel University, Vallabh Vidyanagar, 1975. Pp. 47 (mimeo.).
- Patel, V.C., Indu, R. and Patel, Vilas P., Employment Pattern in Rural Gujarat—A Study of Four Villages in Anand Taluka, 1970-71, Research Study No. 37, Agro-Economic Research Centre (for Gujarat and Rajasthan), Sardar Patel University, Vallabh Vidyanagar, 1975. Pp. 101+19 (mimeo.).
- Pathak, Mahesh T. and Desai, Mahendra D., Levels of Agricultural Development in Tehsils of Rajasthan, Research Study No 42, Agro-Economic Research Centre (for Gujarat and Rajasthan), Sardar Patel University, Vallabh Vidyanagar, 1975. Pp. 37 (mimeo.).
- Purohit, S. D., Zawar (Udaipur District, Rajasthan): A Tribal Village in the Vicinity of Zawar Mines, Indian Village Study No. 19, Agro-Economic Research Centre (for Gujarat and Rajasthan) Sardar Patel University, Vallabh Vidyanagar, 1974. Pp. xvii+209 (mimeo.).

Rao, K.L., *India's Water Wealth*: Its Assessment, Uses and Projections, Orient Longman Ltd., New Delhi-1, 1975. Pp. xvi+255. Rs. 35.00.

Ratnawat, B.P., Agricultural Manpower and Economic Development, Popular Prakashan Pvt Ltd., Bombay-34, 1975. Pp. xiv+290. Rs. 50.00.

Reserve Bank of India, The Small Farmers Development Agencies (1972-73)— A Field Study, Division of Rural Surveys, Economic Department, Bombay, 1975. Pp. xi+214. Rs. 22.00

Sambrani, Shreekant and Pichholiya, K.R., An Inquiry into Rural Poverty and Unemployment, CMA Monograph No. 57, Centre for Management in Agriculture, Indian Institute of Management, Ahmedabad, 1975. Pp. 167. Rs. 12.50.

Sen, Lalit K., Tripathy, R.N., Misra, Girish K. and Thaha, Abdul L., Growth Centres in Raichur—An Integrated Development Plan for a District in Karnataka, National Institute of Community Development, Hyderabad, 1975. Pp. xv+416. Rs. 50.00.

Sevak, R.D. Drought Prone Area Programme— A Case Study of the Banas-kantha District in Gujarat (Rabi and Summer 1972-73), Research Study No. 38, Agro-Economic Research Centre (for Gujarat and Rajasthan), Sardar Patel University, Vallabh Vidyanagar, 1975. Pp. vii+viii+123 (mimeo.).

Sidhu, B.S., Land Reform, Welfare and Economic Growth, Vora & Co., Publishers Pvt. Ltd., Bombay-2, 1976. Pp. xvi+271. Rs. 30.00.

Singh, Shrinath, Modernisation of Agriculture (A Case Study in Eastern Uttar Pradesh), Heritage Publishers, New Delhi-1, 1976. Pp. xiii+238. Rs. 20.00.

Sinha, P.R.R. and Kolte, N.V., Adult Education in relation to Agricultural Development—An Evaluative Study of a Development Block in Andhra Pradesh, Report of a Research Project initiated by UNESCO, National Institute of Community Development, Hyderabad, India and the UNESCO Press, Paris, France, 1974. Pp. viii+100. Rs. 12.00

Sorenson, Vernon L., International Trade Policy: Agriculture and Development, Michigan State University, East Lansing, Michigan, U.S.A., 1975. Pp. xx+290.

Spurgeon, David, Hidden Harvest: A Systems Approach to Postharvest Technology, International Development Research Centre, Ottawa, Canada, 1976. Pp. 36.

United Nations Research Institute for Social Development, Rural Co-operatives as Agents of Change: A Research Report and a Debate, Rural Institutions and Planned Change, Volume VIII, Geneva, Switzerland, 1975. Pp. xii+116. \$ 2.50.

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
- 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 \$2.7 : Rs. 48.00 or £ 5.60 or \$17.28

Available from:

The Controller of Publications, Civil Lines, Delhi-110 006.

THE BANGLADESH DEVELOPMENT STUDIES

0000000000000000000000000000000000

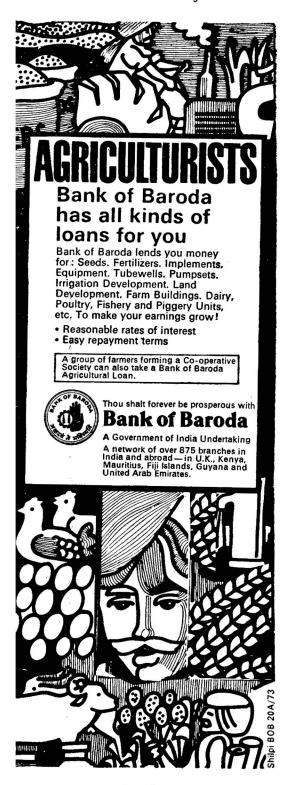
The Bangladesh Institute of Development Studies

The Bully	luucsii	motitut	6 01	Development Studies
Volume III		July 1	975	Number 3
ARTICLES				
Mohiuddin Alamgir		,,	••	Some Aspects of Bangladesh Agriculture : Review of Per- formance and Evaluation of Policies
Md. Anisur Rahman	10000	**	••	Farm Size, Efficiency and the Socioeconomics of Land Distribution
Keith B. Griffin		• •		Income Inequality and Land Redistribution in Morocco
Peter J. Bertocci	•	**	. ,,	Microregion, Market Area and Muslim Community in Rura Bangladesh
Nurul Islam	• •	••	• •	Development Strategy in the Poor Countries

Published four times a year: January, April, July and October. Annual subscription is Tk. 30.00 or US\$ 15.00 or UK £6.00 or equivalent thereof in other currencies. Reprints of articles are available in limited quantity at Tk. 2.00 or US\$ 1.00 or equi-

valent thereof in any other currencies.

Books for review should be sent in duplicate to the Executive Editor. Manuscripts in duplicate and editorial correspondence should be addressed to the Executive Editor, The Bangladesh Development Studies, Adamjee Court, Motijheel Commercial Area, Dacca-2, Bangladesh. Style instructions for guidance in preparing manuscripts in acceptable form will be provided upon request. Rejected manuscripts will not be returned.



BOOKS ON AGRICULTURE

TAXATION OF AGRICULTURE		
IN INDIA P. K. Bhargava	ъ.	201
P. K. Bhargava LAND REFORMS, WELFARE AND	HS.	20/-
ECONOMIC GROWTH		
B. S. Sidhu	Rs.	30/-
STRATEGY FOR AGRICULTURAL		
DEVELOPMENT A. V. Daniel	De	25/-
AGRARIAN STRATEGY IN INDIA	ns.	25/-
	Rs.	30/-
REGIONAL PROFILE OF		
INDIAN AGRICULTURE Edited by Vadilal Dagli	_	
RESURVEY OF MATAR TALUKA	Rs.	50/-
Report sponsored by Planning		
Commission, Govt. of India		
	Rs.	40/-
MARKETING OF AGRICUL- TURAL PRODUCE IN INDIA		
A D O .	Rs.	30/-
PRINCIPLES AND PRACTICE OF		50,
AGRICULTURAL MARKETING AND		
PRICES IN INDIA S. C. Jain	Do	20/
MANAGEMENT OF AGRI-	ns.	20/-
CULTURAL FINANCE		
S. C. Jain	Rs.	12/-
FARM CREDIT AND CO- OPERATIVES IN INDIA		
V. Tirupati Naidu	Re	15/-
FOUNDATIONS OF INDIAN	113.	10,
AGRICULTURE Edited by		
Vadilal Dagli ELEMENTS OF VEGETABLE PESTS	Rs.	25/-
O. P. Singh	D.	20/
CHANGING INDIAN AGRICULTURE	Rs.	20/-
S. C. Jain	Rs.	15/-
ECONOMICS OF UNDER-		
DEVELOPED AGRICULTURE Ed. by Tara Shukla	_	
AGRICULTURE IN ECO-	Rs,	22.50
NOMIC DEVELOPMENT		
Carl Eicher & Lawrence Witt	Rs.	10/-
AGRICULTURAL ECONOMIC THEORY		
AND INDIAN ECONOMY Dr. J. R. Bellerby &		
N. A.Majumdar	Rs.	7.50
		10

VORA & CO., PUBLISHERS PVT. LTD

3, Round Building, Bombay-2.

ARTHA-VIKAS

Biannual Journal of Economic Development

Vol. XI

July 1975

No. 2

I. ARTICLES

Employment and Migration

Theodor Bergmann

A. S. Patel

New Technology in Indian Agriculture—A Critical Appraisal

Forecasting Frame of Demand for Manpower by

Skills in Gujarat's Economy D. R. Veena

II. NOTE

Productivity in the Agricultural Sector of the European Economic Community (1968-1970) . .

Paul E. Ruckman

Subscription Rates (inclusive of postage):

Annual

: Rs. 12.00 ; \$ 5.00

Single issue

: Rs. 7.00; \$ 2.50

Please address all correspondence to: Managing Editor, ARTHA-VIKAS, Department of Economics, Sardar Patel University, Vallabh Vidyanagar (388120), Gujarat, India.

YEAR BOOK OF LABOUR STATISTICS 1975

What makes the thirty-fifth edition of this unique and acclaimed work different from its predecessors?

For one thing, population statistics more strongly reflect 1970 census "bench mark" data. In addition, its 45 statistical tables (on some 190 countries) include, where possible data for the period from 1965-74, and in certain instances include part of 1975.

Researchers in business and industry, libraries, universities, employers' and employees' organisations, and government have found the previous editions of the *Year Book* essential in gaining and understanding of trends and developments in labour related areas which have an impact on modern society.

Approximately 900 pp., trilingual (English, French and Spanish).

ISBN 92-2-001426-2

Hardbound Price: Sw. frs. 95.

Publications may be obtained through major booksellers, or from ILO Publications, International Labour Office, CH-1211 Geneva 22, Switzerland, or from ILO Area Office, 7 Sardar Patel Marg, Chanakyapuri, New Delhi 21.



ARTHA VIJNANA

Quarterly Journal of the Gokhale Institute of Politics and Economics, Poona-4 (India) CONTENTS

инизоранияянотникая произорания выправности при выправности при выправности при выправности при выправности при

Growth of Population of India and Pakistan, 1801-1961 The Portfolio Behaviour of Commercial Banks in Nigeria Redistribution of Consumer Expenditures through Taxation and Benefits and Level of Living-A Case Study of West Bengal

Fertility and Mortality in India during 1951-1971 A Hypothetical Study of Populations under Constant Mortality and Fertility Notes and Memoranda

Projecting Nepal's Economic Growth An Examination of State Compensation to Andhra Pradesh Municipalities

P.C. Mahalanobis and D. Bhattacharva Simeon Ibi Ajayi

March 1976

Binamali Dev U.P. Sinha

K.B. Gupta

Navin Chandra Joshi

S. Rama Rao

Book Reviews

Vol. 18, No. 1

Subscription Rates (inclusive of postage) Annual: Rs. 25; \$7.50; £2.25

Single Issue: Rs. 7.50; \$2; £0.75

Please address all correspondence to:

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

Contributors should send two copies of their articles intended for publication in Artha Vijnana. ADZAGARSONIARKURANTUNGGARANKALDIRDUKALDIRDUKALDIRI GARASIA DARI KARIBARUKAN BARIKALDIRI DARI KARIBARUKAN BARIKALDIRI BARIKANDIRI BARIKALDIRI BARIKALDIRI BARIKALDIRI BARIKALDIRI BARIKALDIRI BARIKALDIRI BARIKALDIRI BARIKALDIRI BARIKANDIRI BARIKALDIRI BARIKANDIRI B

ORLD AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY ABSTRACTS (WAERSA)

£45.00 per year, or £20.00 to subscribers in countries contributing to CAB from : Commonwealth Agricultural Bureaux, Central Sales, Farnham House, Farnham Royal, Slough, SL12 3BN, England.

WAERSA in its new computerized monthly format provides the best available current awareness and fully indexed reference service on all economic and policy aspects of world agricultural production and trade as well as on sociological and regional planning problems of rural areas.

As the machine base on WAERSA and the other 19 CAB journals dealing with all scientific aspects of world agriculture builds up additional services such as cross disciplinary searches and special profiles will be available. Data can already be supplied on magnetic tapes.

The WAERSA series of Annotated Bibliographies is constantly up-dated to meet current interests and developments in agricultural economics and policies. Titles are available on specialized agricultural economic topics, and on particular commodities and areas as well as on fringe subjects such as tourism, pollution, etc.

Recent Bibliographies from CBAE

16.	EEC Agricultural Policy : III Inte	ernat io n	al Trade					£	2.00
17.	Tourism and the Leisure Industry	: Interi	national	Problen	ns and	Prospe	ects	£	2.65
18.	Agriculture and Industry in Ecor	omic D	evelopm	ent				£	1.50
21.	Economic and Social Issues of F	Pollution	Contro	1			••	£	3.25
23.	Oil Exploration and Land		• •			*		£	2.50
25.	Oilseeds		• •			••	**	£	1.25
27.	Arid Land Agriculture	• •	••	• •	• •	* *	• •	£	1.25
28.	Women in Chinese Society							£	2.00
29.	EEC Agricultural Policy: IV Ref	orm Pro	posals i	n the Er	larged	Comm	nunity	£	2.00
30.	Chinese Agriculture and Society	••		• •			***	£	3.00
32.	Tourism: New Serials	••		••		.,		£	2.65
33.	Land and Population in Agricult	ural Dev	elopmer	nt		**	**	£	2.25
34.	Agriculture in Hill and Mountain	Areas			• •		••	£	2.50
35.	Regional Planning and Rural De	evelopme	ent	•				£	3.00
Sne	cial Series also available and in	prepara	ation on	Africa.	Asia.	South	America	an	d the

Orders and full list of Bibliographies from:

Caribbean.

Commonwealth Bureau of Agricultural Economics, Dartington House, Little Clarendon Street, Oxford, OXI 2HH, England.

The helping hand of UCOBANK:



ready with finance to assist agriculturists, dairy and poultry farmers

Agriculturists, dairy and poultry farmers! Now there's no need for you to borrow money at high rates of interest.

Just come to UCOBANK—and you'll get the benefit of easy-to-arrange easy-to-repay loans tailored to suit your needs—for purchasing machinery and equipment,

for land and crop improvement, for dairy and poultry farming and even horticulture.

For details contact nearest branch of UCOBANK.

United
Commercial Ban
Helping people to help
themselves—profitably

Introducing

VIKAS

-The Winner

Syndicate Bank introduces a "Winner" Cash Certificate—VIKAS CASH CERTIFICATE which fetches attractive returns on your investment.

VIKAS CASH CERTIFICATE comes in the denomination of Rs. 500/- and multiples thereof and excells as the best medium term investment earning Compound Interest. A Certificate of Rs. 500 fetches you Rs. 651.50 after 36 months.

It is also irresistible as a gift that you would love to present on occasions like marriage, birthdays, etc.

And, apart from getting the best deal for your money, you are likely to win attractive prizes. There are cash prizes ranging from Rs. 1,000 to Rs. 25,000/-.

Step into any of our Branches for details,

SYNDICATE BANK

Where Service is a Way of Life

Head Office: Manipal 576 119 (Karnataka)

INDIAN JOURNAL OF INDUSTRIAL RELATIONS

Editor: A. Joshi Associate Editor: S. M. Pandey

An interdisciplinary Journal devoted to the scientific study and advancement of knowledge in the fields of industrial relations and human resources including rural labour and social policy issues.

Appearing in January 1976 Issue

Structure of Rural Unemployment : A Seasonal Analysis

Analysis S.M. Pandey
Production Function in India's Sugar Industry . . G. S. Gupta & Kirit Patel

Returns to Scale and Sources of Growth of Output in Large Scale Indian Industries Reconsidered ... S.S. Mehta

The Authoritative Leadership: A Style of Effective Management J.B.P. Sinha

Published in every July ,October, January and April.

Price: Rs. 45 a year; Rs. 85 for two years; Rs. 125 for three years.

Make cheques payable to the Shri Ram Centre for Industrial Relations and Human Resources. All manuscripts intended for publication and books for review should be sent in duplicate to the Associate Editor, Indian Journal of Industrial Relations.

SHRI RAM CENTRE FOR INDUSTRIAL RELATIONS AND HUMAN RESOURCES

5-Sadhu Vaswani Marg, New Delhi-110 005, India.



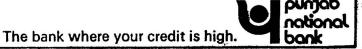
We are a new kind of fortunetellers. Show us your plan, not your palm.

You can have a bigger harvest, if you plan all that is necessary. Make a list of the items you need for your farm and make an estimate of the cost. Bring it to us and we'll turn your dreams into reality. PNB will finance your plans, by giving you loans for tractors, tubewells, pump-sets, high-yielding varieties of seeds, fertilisers and pesticides. You can rely on PNB for loans, even for bunding, levelling, irrigation and fencing of your land.

Or if you need other assistance....

PNB will also give you loans for dairy farming, poultry and horticulture. Unemployed engineers can also contact us for help, in setting up custom service units and agro-service centres.

Our repayment terms are very liberal. Visit our nearest branch and we'll explain all about them. Chances are, we'll agree on a plan that suits you best and helps you make your fortune.



WE SOW SELF RELIANCE THROUGH CO-OPERATIVE ENDEAVOUR

As you sow, so you reap. We made multisided efforts to sow self reliance in Rural and Urban Maharashtra through Primary Agricultural Co-operative Credit Societies, Marketing Societies, Artisans and Jungle Kamgar Societies, Co-operative Hospitals, Industrial Societies, Urban Banks and Salary Earners Societies.

AND WE SEE

The face of Rural and Urban Maharashtra is changed.

THE MAHARASHTRA STATE CO-OPERATIVE BANK LTD.

9, Bakehouse Lane, Fort, Bombay-400 023.

A BANK WITH MISSION

SOCIAL AND ECONOMIC STUDIES

Published by

INSTITUTE OF SOCIAL AND ECONOMIC RESEARCH UNIVERSITY OF THE WEST INDIES JAMAICA, WEST INDIES

A Journal devoted to the publications of research and discussion on agricultural, anthropological, demographic, economic, educational, monetary, political and sociological questions, with emphasis on the problems of the developing territories, particularly those in the Caribbean.

VOL. 24, NO. 4, DECEMBER 1975

Unanan Persaud Ramon Daubon and Warren C. Robinson de Albuquerque and Paul D. Mader

: An Econometric Model of Trinidad and Tobago 1960-1971. Changes in Consumption Patterns During Economic : Development : Puerto Rico 1940-1970.

William F. Stinner, Klaus Metropolitan Dominance and Fertility Change in Puerto

Rico 1950-1970.

Robert N. Thomas and Charles N. Croner :

Migrant Paths to Tegucigalpa and San Pedro Sula, Honduras: The Role of Accessibility.

The Rise and Decline of the Christian Democratic Party in Chile: An Analysis of the 1961 and 1965 Congressional

Elections. : Race, the Political Factor and the Nationalization of the Demerara Bauxite Company, Guyana.

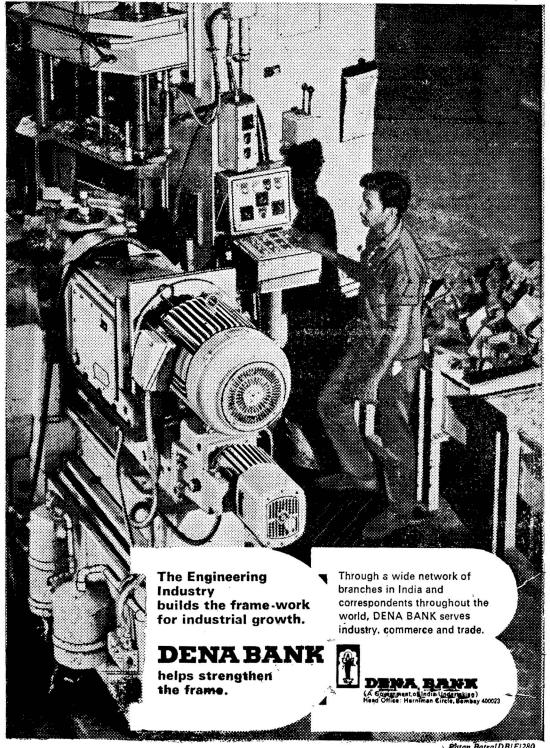
Subscription Rates:

Albert Szymanski

Maurice St. Pierre

Per volume: J\$6.00, W.I. & T.T. \$14.40, £3.00, U.S. \$7.50. Single number: J\$2.00, W.I. & T.T. \$4.80, £1.00, U.S.\$2.50.

Subscriptions and orders for back numbers should be addressed to: The Publications Editor, Social and Economic Studies, Institute of Social and Economic Research. University of West Indies, Mona, Kingston 7, Jamaica W.I.



SAFETY:

SECURITY:

SERVICE:

INSURANCE

FOR

MARRIAGE

EDUCATION

RETIREMENT

INVEST

IN

STATE BANK OF MYSORE SAVINGS CERTIFICATES AND CUMULATIVE DEPOSIT

We compound interest monthly and multiply your deposit at fabulous rates, while you are busy serving the nation.

"NO MATTER WHICH INDUSTRY YOU BELONG WE HAVE SOMETHING INTERESTING TO OFFER" Pine Oils, Perfumed Solvents, SOAP & DETERGENTS ... sophisticated terpene-based perfumery ingredients. Terpineols, Terpinyl Acetate, Iso-PERFUMERY & COSMETICS bornyl Acetate and several basic perfumery ingredients. TYRES & RUBBER PRODUCTS .. Solvents, devulcanizing agents and tackifying Resins. Camphor, Terpin Hydrate, etc. PHARMACEUTICALS PAINTS, VARNISHES, PRINTING INKS Thinner, Solvents, Pine Oils, Resins. Ore floatation grade Pine Oils. MINING Solvents for dye-printing, Pine TEXTILES Oils and Resins for textile stiffening. Also Sodium Acetate. Resins for hot-melt coating and PAPER COATING paper stiffening. Resins. ADHESIVES & TAPES INSULATING VARNISHES, CLUTCHES & BRAKE LININGS, CHEWING GUMS -and we have many more-Enquiries to :-

CAMPHOR & ALLIED PRODUCTS LTD. Jehangir Building, 133 Mahatma Gandhi Road, Bombay-400 023.

Tel: 294046

Gram: 'CAMPHINE,

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 $8^{1/2}$ -by-11 inches) including tables and appendices (with margins on all sides of at least $1^{1/2}$ 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, Arthabodh, 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							
 INDIAN JOURNAL OF AGRICULTURAL ECONOMICS 1940-1964-SELECTED READINGS (1966) 	25.00						
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	45.00 30.00						
 INDIAN AGRICULTURAL DEVELOPMENT SINCE INDEPENDENCE (1986) AGRICULTURAL DEVELOPMENT IN INDIA: THE NEXT STAGE (1988) 	135.00 190.00						
6. AGRICULTURAL DEVELOPMENT POLICY: ADJUSTMENTS AND REORIENTATION (1990)	250.00						
SEMINAR SERIES							
 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						
 TECHNOLOGY OPTIONS AND ECONOMIC POLICY FOR DRYLAND AGRI- CULTURE: 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:							

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.