

# INDIAN SOCIETY OF AGRICULTURAL STATISTICS

## FIFTEENTH ANNUAL REPORT, 1961-62

ON behalf of the Council of the Society I have great pleasure in presenting to you the report of the Society's activities for the year ending 30th June 1962. The Society's membership during the year was 184. Six of the members on roll were honorary members, 7 patrons, 46 life-members and 125 ordinary members.

The membership is drawn from all parts of India as well as from abroad and extends over Agricultural Departments, Institutions and Universities, besides agricultural statisticians and other workers interested in the development of Statistics mainly in relation to agriculture. In addition to its regular membership, the Society is maintaining an additional mailing list of subscribers to the Journal which includes important research institutions here and abroad. The number of foreign and Indian subscribers was 146 during the year as compared to 136 in the previous year.

The Society continued to enjoy the privilege of having the President Dr. Rajendra Prasad as the President of the Society from its inception. In spite of his multifarious duties as President of India, he has continued to take keen interest in the activities of the Society and has been a great source of inspiration in advancing the objectives of the Society. The Society feels grateful to him and expresses its profound sense of gratitude to him.

As regards the publication programme of the Society, Volume XIII (Nos. 1 & 2) of the Society's Journal has since been published. Copies of the volume are placed on the table. Volume XIV of the Society's Journal is also expected to be out shortly. With regard to the printing of the Journal, the existing arrangements continued.

A new item on "News and Notes" has been started in the Society's Journal. The type of material which can be published under this head is indicated in the recent volumes of the Journal. All the members are requested to co-operate and send material for "News and Notes" periodically to the Society to make this new venture a success.

It will perhaps not be out of place to repeat that, judging from the requests that are being received for exchange, the Society's Journal

continues to draw great appreciation from eminent institutions and research workers in India and abroad. There are at present twelve journals which are received in exchange with the journal of the Society. Two requests for exchange of journals were received by the Council of the Society during the year under report. The journals received in exchange are kept in I.A.R.S. Library and the members of the Society can consult them.

The Hindi Supplement continues to be a feature of the Journals. This represents an attempt on the part of the Society at precise expression of the scientific discussions of the subject in the national language.

The problem of adequate finances for the printing of the Journal continues to receive the attention of Executive Council of the Society. The cost of printing such a technical journal being high, its publication is sustained mainly through the grants-in-aid received from the Centre, State Governments and other national organisations. During the year under report, grants-in-aid have been received from the Government of Orissa, Uttar Pradesh, Gujarat, Maharashtra, and the National Institute of Sciences. The Society wishes to acknowledge gratefully the financial assistance received from these Organisations.

Members will recall that with a view to promotion of research in statistics the Society had announced a scheme for the award of prizes for articles of sufficiently high standard and merit published in its Journal. Persons for these awards are recommended by panels of referees who are authorities in the respective fields.

An award of a prize of Rs. 500 was made jointly to Dr. K. Kishen and Dr. J. N. Srivastava at the 15th Annual Conference of the Society for the paper entitled "Mathematical Theory of Confounding in Asymmetrical and Symmetrical Factorial Designs" which was published in Volume XI of the Society's Journal. Based on the articles which appeared in Volumes X and XI of the Society's Journal the panel of referees on "Statistical Methods" has recommended that an award may be made to Dr. A. R. Roy and Dr. S. G. Mohanty for their outstanding paper entitled "Distribution of  $X^2$  Analogue for Normal Population with Class Intervals Defined in Terms of Sample Median" which appeared in Volume X of the Society's Journal. On the basis of these recommendations the Council of the Society decided to award a prize of Rs. 500 jointly to Dr. A. R. Roy and Dr. S. G. Mohanty. This award will be equally shared by them. The awards are proposed to be made at the inaugural function. The referees who helped the Society in assessing the papers in Volumes X and XI were Dr. R. C. Bose, Prof. O. Kemp-

thorne, Prof. W. G. Cochren, Dr. W. G. Madow, Dr. D. J. Finney, Dr. H. F. Robinson, Prof. H. Cramer, Dr. R. R. Bahadur. The Society is very much glad to record its grateful thanks to all of them.

The Society's publication *Sampling Theory of Surveys with Applications* by Dr. P. V. Sukhatme continues to be well received. Most of the stock of the new reprints of the book, printed at the Iowa State College Press, Ames, Iowa, U.S.A., has been sold out. A fresh consignment of 150 copies of the book has since been obtained from the Iowa State College Press. The book is now under revision and a revised edition of it is expected to be printed in the near future. Arrangement has been made on the request received from a Portuguese publisher for translating the book into Portuguese and printing 4,000 copies of it.

At the invitation of the Government of Punjab, the 15th Annual Meeting of the Society was held at Chandigarh from 26th to 29th December 1961. The session was inaugurated by Shri N. V. Gadgil, Governor of Punjab. Dr. Gopichand Bhargava, Planning and Finance Minister, Punjab, delivered the opening address which was followed by a welcome address by Sardar Pratap Singh Kairon, Chief Minister of Punjab. A technical address on "Agrarian Reforms" was delivered by Professor D. G. Karve, at the inaugural function. Two symposia, one on "Evaluation of Benefits from Irrigation Projects" and the other on "Food Consumption Surveys", were arranged at the session. The former symposium was presided over by Dr. B. N. Uppal, Agricultural Adviser to the Government of Punjab, while the latter was presided over by Dr. P. V. Sukhatme, Director of Statistics Division, F.A.O., Rome. The participants in the symposium on "Evaluation of Benefits from Irrigation Projects" included Dr. D. K. Malhotra, M/s. J. K. Jain, R. Giri, G. R. Ayachit and A. V. K. Sastry. The participants of the other symposium on "Food Consumption Surveys" were Dr. V. G. Panse, Dr. S. C. Choudhury, Dr. J. Sathyanarayana, M/s. Ram Suran and D. Singh. A popular lecture on "Crop Insurance and Agricultural Reconstruction," was delivered at the Conference by T. Yamauchi, F.A.O. Expert of Crop Insurance with the Government of Punjab. Another popular lecture on "Planning for Agriculture" was delivered by Dr. V. G. Panse, the F.A.O. Regional Adviser on "Agricultural Census". In addition there were two paper-reading sessions in the Conference. There were in all 21 papers which were presented. The meeting was organised by the Reception Committee with Dr. Gopichand Bhargava as Chairman and Shri P. S. Sahota, Organising Secretary. The General Body of the Society recorded its grateful thanks to the Reception

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI**

**Receipts and Payments Account for the year ending 30th June 1962**

RECEIPTS			PAYMENTS		
	Rs. nP.	Rs. nP.		Rs. nP.	Rs. nP.
To Opening Balances—			By Printing of Journal paid to Bangalore Press—		
Cash in Hand ..	94 96		For Vol. XII, No. 2 (last year)	2,837 09	
Bank Balance with the State Bank of India, New Delhi: Current A/c. ..	5,985 80		For Current year ..	2,363 79	
		6,080 76		5,200 88	
To Membership Fees—			By Staff Salaries ..		1,681 00
Life-Membership ..		189 00	By Meeting Expenses ..	2,621 80	
Ordinary Membership—			<i>Less</i> Special Grant from Punjab Govt.	2,000 00	
(a) Old Outstanding Realised 1958-59 Rs. 36 00				621 80	
1959-60 Rs. 74 43			<i>Less</i> Refunds received against previous years payments ..	47 00	
1960-61 Rs. 128 42				574 80	
		238 85	By Contribution to Indian Society of Agricultural Economics, Bombay, towards Seminar Expenses ..		1,687 45
(b) Current Year ..	1,111 92		By Referees Fees ..	500 00	
(c) Advance Fees: 1962-63 ..	166 74		By Award of Prizes ..	500 00	
		1,517 51	By Research Assistance ..	153 48	
To Sale of Journals ..		3,370 71		1,153 48	
To Interest on F.D. credited to Current Account ..		0 10			



## INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI

## (Publication Fund Accounts)

## Receipts and Payments Account for the year ending 30th June 1962

RECEIPTS			PAYMENTS		
	Rs. nP.	Rs. nP.		Rs. nP.	Rs. nP.
To Opening Balances—			By Expenses—		
Cash in Hand ..	54 23		Postage Expenses ..	51 62	
Cash with State Bank of India, New Delhi (Current Account) ..	7,301 35		Cooliage and Conveyance ..	2 75	
National Savings Certificates ..	10,000 00		Miscellaneous Expenses ..	2 00	
		17,355 58	Bank Charges ..	3 25	
To Sale of Books—					59 62
During the year ..	1,994 73		By Transfer of Royalty Payment having been debited last year to Society's Account ..		3,800 05
Made last year, realised ..	24 56		By Proceeds of Sales of Books wrongly credited to Society's Account ..		942 57
		2,019 29	By Closing Balances—		
To Amount belonging to the Society found credited in Publication Fund Account ..		256 00	Cash in Hand ..	47 86	
			With State Bank of India, New Delhi (Current Account) ..	4,780 77	
			National Savings Certificates..	10,000 00	
					14,828 63
TOTAL ..		19,630 87	TOTAL ..		19,630 87

64, Regal Buildings, New Delhi,  
Dated 28-12-1962.

(Sd.) C. S. BHATNAGAR,  
For C. S. BHATNAGAR & Co.,  
Chartered Accountants.

Committee and the Government of Punjab for the excellent arrangements for holding the Society's Conference at Chandigarh.

A statement of audited accounts of the Society for the year 1961-62 is placed on the table. The audit has been carried out by a Professional auditor as usual.

As in previous years, the Railway authorities agreed to give concession to the members and delegates attending the Annual Meeting of the Society. The Society records its thanks to the Railway authorities.

The work of the Society during the past year which I have briefly summarised above was made possible through the active help of all the members of the Executive Council of the Society and the guidance and encouragement received from our Executive President, Dr. M. S. Randhawa, I.C.S.

A large number of persons, both in India and abroad has helped the Society in refereeing the papers received for publication in its Journal. The Society is very much glad to record its thanks to all of them.

The Society is also thankful to Shri T. Prasad and Shri B. B. P. S. Goel for their help in preparing the Hindi Supplement of the journal.

In the end I have to thank the Secretariat of the Society especially Shri Sadanand for taking a very keen interest in the work of the Society. Their untiring efforts and devotion is reflected in the smooth and efficient handling of its secretarial work. The Society is glad to record its thanks for the valuable services being rendered by them to the Society.