

INDIAN SOCIETY OF AGRICULTURAL STATISTICS

FOURTEENTH ANNUAL REPORT, 1960-61

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 1961. The Society's membership during the year was 183 as against 173 in the previous year. Six of the members on roll were honorary members, 7 patrons, 46 life-members and 124 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 136 during the year as compared to 112 in the previous year.

The Society continues 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. As you all know, the President inaugurated the 14th Annual Meeting held at Delhi and for this the Society is very much happy and grateful to the President.

As regards the publication programme of the Society, Volume XII (Nos. 1 and 2) of the Society's journal has since been published. Copies of the volume are placed on the table. Volume XIII of the Society's journal is also expected to be out shortly. With regard to the printing of the journal, the existing arrangements continue. In this connection, the Council of the Society had also to agree, in the absence of any suitable alternatives, to a slight increase in the printing rates, as demanded by the Bangalore Press due to scarcity of papers, etc.

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. A number of requests for exchange of journals were received by the Council of the Society during the year under report.

The Hindi Supplement continues to be a feature of the journal. 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 the 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, Government of Uttar Pradesh and Government of Maharashtra. 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 to be recommended by panels of referees appointed by the Executive Council.

An award of prize of Rs. 500 was made to Dr. K. C. Seal at the 14th Annual Meeting of the Society for his paper in Statistical Genetics entitled "Generalisation of Products Formula" which was published in Volume IX of the Society's journal. No award was made in the three other fields in absence of any recommendation from the referees of papers in those fields. After Volume XI of the Society's Journal was out, panels of referees were selected for assessing the papers printed in Volumes X and XI. Recommendations from three of the four panels of referees have been received and considered by the Council of the Society. The panel on Design and Analysis of Experiments has recommended the name of Dr. K. Kishen and Shri J. N. Srivastava for the award of the prize for their paper entitled "Mathematical Theory of Confounding in Asymmetrical and Symmetrical Factorial Designs"

which was published in Volume XI of the Society's Journal. On the basis of this recommendation the Council of the Society has decided to award the prize of Rs. 500 jointly to Dr. K. Kishen and Shri J. N. Srivastava. 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 papers in Volumes X and XI for the award were: Dr. R. C. Bose, Prof. O. Kempthorne, Prof. W. G. Cochran, Dr. W. G. Madow, Dr. D. J. Finney, Dr. H. F. Robinson, Prof. H. Cramer, and 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. The Spanish edition of the book is also in great demand in Latin American countries.

As regards the other activities of the Society, under a scheme of the Society for the encouragement and promotion of research in statistics, an award of research assistance of Rs. 500 was made by the Society to Dr. M. V. Jambunathan (Lecturer of Statistics in Mysore University) for conducting a repeat survey in the village of Daddagani in order to assess the improvement in the sphere of agriculture in the village. Shri K. C. Agarwal, Horticultural Research Assistant at Saharanpur, who is already receiving financial assistance from the Society, is working on uniformity trials and branch sampling relating to horticultural crops. Applications from fresh individuals desirous of such assistance may be addressed to the Secretary in time during the year. Full details of these schemes appear as a special announcement in the journal of the Society.

The 14th Annual Meeting of the Society was held at New Delhi on 9th, 10th and 11th of January, 1961. The session was inaugurated at Vigyan Bhayan by the President of India, Dr. Rajendra Prasad. A speech welcoming the President was delivered by Shri S. K. Patil, Minister for Food and Agriculture, and a welcome address was delivered by Shri V. Shankar, Special Secretary, Ministry of Food and Agriculture, at the inaugural session. A technical address on Agricultural Statistics "Requirements of Users" was delivered by Dr. P. S. Lokanathan, Director-General, National Council of Applied Economic Research.

Two symposia, one on "Fertilizers in Relation to Agricultural Production in India" and the other on "Intensive District Programme", were arranged at the session. The former symposium was presided

over by Shri K. R. Damle, Secretary, Ministry of Food and Agriculture, while the latter was presided over by Shri V. Shankar. The participants in the symposium on "Fertilizer in Relation to Agricultural Production" included Shri C. R. Ranganathan, Shri T. P. Abraham, Dr. S. P. Raychaudary, Dr. R. V. Tamhane, Dr. O. P. Gautham, Dr. D. S. Ranga Rao, Mr. Robert H. Engle, Dr. Vincent Sauchelli, Shri T. R. Chadda, Dr. K. S. Rao, Dr. A. K. Dutt and Dr. S. D. Nijhawan. The participants in the other symposium on "Intensive District Agricultural Programme" were amongst others Mr. A. D. Waker, Dr. J. P. Bhattacharjee, Dr. H. R. Caepner, Shri V. M. Jakhade, Dr. G. R. Seth and Dr. S. D. Srivastava.

A popular lecture on "India's Problem of Hunger and Future Needs in Food Supplies" was delivered by Dr. P. V. Sukhatme. In addition, there were two paper reading sessions in the meeting.

The meeting was organised by a Reception Committee with Dr. V. G. Panse as Chairman.

The International Ore and Fertilizer (India) Ltd. entertained the delegates who attended the meeting, and arranged a tea party for the delegates who attended the meeting.

The General Body of the Society recorded its grateful vote of thanks to the International Ore and Fertilizer (India) Ltd. for the tea party and the Reception Committee for excellent arrangements for holding the Society meeting.

Among the other activities of the Society during the year, special mention may be made of a seminar on "Problems of Cost Studies in Agriculture" which was held at Matheran from 28th October to 4th November, 1960, under the joint auspices of the Indian Society of Agricultural Economics and the Indian Society of Agricultural Statistics in collaboration with the Government of India. The participants included a number of workers and experts in the field from within India as well as Dr. Horring and Yang, two foreign experts, who were deputed by the F.A.O. A report on the seminar has been published. The members of the Society of Agricultural Statistics can purchase this report from the Indian Society of Agricultural Economics at a Cash discount of 25%.

A statement of audited accounts of the Society for the year 1960-61 is placed on the table. The audit has been carried out by 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, have helped the Society in referring 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, for his help in preparing the Hindi Supplement of the journal.

In the end I have to thank the Secretariat of the Society especially Shri Sada Nand 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.

INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI
Receipts and Payments Account for the year ending 30th June 1961

RECEIPTS			PAYMENTS			
	Rs. nP.	Rs. nP.		Rs. nP.	Rs. nP.	
To Opening Balances—			By Revenue Expenditure—			
Cash in Hand ..	99 33		Printing of Journals ..	3,381 10		
Cash with State Bank of India, New Delhi (Current Account) ..	9,370 46		Salaries to Clerical Staff ..	1,885 50		
Fixed Deposit with State Bank of India, New Delhi ..	5,884 00		Meeting Expenses ..	752 00		
National Savings Certificates ..	15,000 00	30,353 79	Postage Expenses ..	742 18		
To Membership Fees ..	2,395 62		Award of Prize ..	500 00		
To Sale of Journals ..	4,020 33		Referee's Fees ..	410 00		
To Interest on Fixed Deposit ..	147 52	6,563 47	Stationery ..	290 42		
To Publication Fund Account ..		56 00	Travelling Expenses ..	80 82		
To Grant-in-Aid—			Conveyance Charges ..	78 56		
From U.P. Government ..	1,000 00		Refreshments ..	34 84		
" Orissa Government ..	1,000 00		Freight Expenses ..	32 62		
" Maharashtra Government ..	500 00	2,500 00	Cycle Repairs ..	26 35		
			Bank Charges ..	21 60		
			Renewal of Post Box Number ..	15 00		
			Cost of Battery Cells ..	2 40		
			Repairs of Typewriter ..	2 00	8,255 39	
			By Capital Expenditure—			
			Furniture (Godrej Safe) ..	276 06		
			Cost of Dictionary ..	30 00	306 06	
			By Publication Fund Account—			
			(Being payment in their account but debited to Society's Bank Account)		3,800 05	
			By Closing Balances—			
			Cash in Hand ..	94 96		
			Cash with State Bank of India, New Delhi (Current Account) ..	5,985 80		
			Fixed Deposit with State Bank of India, New Delhi ..	6,031 00		
			National Savings Certificates ..	15,000 00	27,111 76	
TOTAL ..		39,473 26		TOTAL ..	39,473 26	

FOURTEENTH ANNUAL REPORT, 1960-61

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64, Regal Building, New Delhi,
 Dated 21-12-1961.

Subject to our report of even date.

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

INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI

(Publication Fund Accounts)

Receipts and Payments Account for the year ending 30th June 1961

RECEIPTS		PAYMENTS			
	Rs. nP.	Rs. nP.		Rs. nP.	Rs. nP.
To Opening Balances—			By Expenses—		
Cash in Hand ..	46 72		Royalty Paid ..	3,800 05	
Cash with State Bank of India, New Delhi (Current Account) ..	5,697 12		Forwarding Charges ..	13 36	
National Savings Certificates ..	10,000 00		Bank Charges ..	0 65	
		15,743 84	Postage Expenses ..	33 53	
To Sale Proceeds of Books ..		1,720 78	Conveyance Expenses ..	5 50	
To Society account being the payment of Royalty debited to their Bank Account instead of Fund's Account ..		3,800 05	By Transfer of amounts to Societies Bank Account previously credited to Fund Account ..		56 00
			By Closing Balances—		
			Cash in Hand ..	54 23	
			Cash with State Bank of India, New Delhi (Current Account) ..	7,301 35	
			National Savings Certificates..	10,000 00	
					17,355 58
TOTAL ..		21,264 67	TOTAL ..		21,264 67

64, Regal Building, New Delhi,
Dated 21-12-1961.

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

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS
NEW DELHI**

Bank Reconciliation Account as on 30th June 1961

Balance as per Receipt and Payment Accounts	Rs. nP. 5,985 80
<i>Less:</i> Amounts deposited in Bank but Bank has not given credits up to 30-6-1961—			
Credited on		Amount	
		Rs. nP.	
8-7-1961		20 00	
8-7-1961		40 00	
1-8-1961		20 39	
5-7-1961		130 87	
		<hr style="width: 50%; margin: 0 auto;"/>	211 26
Balance as per Bank Statement	..		5,774 54

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

**(Publication Fund Account)
Bank Reconciliation Account**

Balance as per Receipt and Payment Accounts	Rs. nP. 7,301 35
<i>Less:</i> Amounts deposited but Bank has not given credit up to 30-6-1961—			
Credited on		Amount	
		Rs. nP.	
20-7-1961		60 00	
21-8-1961		25 01	
		<hr style="width: 50%; margin: 0 auto;"/>	85 01
Balance as per Bank Statement	..		7,216 34