

# INDIAN SOCIETY OF AGRICULTURAL STATISTICS

## TENTH ANNUAL REPORT, 1956-57

THE Report gives a brief review of the Society's activities for one year from 1st July 1956 to 30th June 1957.

### MEMBERSHIP

The Society's membership during the year was 148. They are classified as follows:—

Honorary Members	..	..	..	7
Patrons	..	..	..	5
Life-Members	..	..	..	41
Ordinary Members	..	..	..	95

Besides its regular membership, the Society is maintaining an additional mailing list of subscribers to the Journal which includes important research institutions in India and abroad. The number of foreign and Indian subscribers during the year was 85 as compared to 83 in the previous year.

### ACCOUNTS

The Society's funds have been divided under the two heads, (i) General Account, Indian Society of Agricultural Statistics and (ii) Publication Fund Account, Indian Society of Agricultural Statistics. The accounts are being audited by professional auditors since the year 1954-55. A brief statement of the receipts and expenditure of the Society during the year under report is as follows:—

	General Account			Publication Fund Account		
	Rs.	A.	P.	Rs.	A.	P.
Opening Balance	.. 27,314	8	0	19,483	15	3
Receipts during the year	.. 9,885	3	10	302	0	0
Expenditure	.. 10,760	8	0	..		
Closing Balance	.. 26,439	3	10	19,785	15	3

The following grants-in-aid received by the Society during the year are acknowledged gratefully:—

	Rs.	A.	P.
1. National Institute of Sciences of India ..	1,000	0	0
2. Government of Bombay ..	500	0	0
3. Government of Uttar Pradesh ..	500	0	0
4. Government of Uttar Pradesh <sup>r</sup> (Special) ..	2,000	0	0
5. Government of Orissa ..	1,000	0	0

An audited statement of accounts for the year ending 30th June, 1957, is given at the end of the Report.

#### JOURNAL

Combined Volume VII, Nos. 1 and 2, and Volume VIII, Nos. 1 and 2 of the Journal of the Society were published during the year, and Volume IX, No. 1 is in the press. A list of the publications received in exchange from different institutions and available in the Society's Office for reference has now been published in Volume VIII of the Society's Journal. This volume also gives the names and addresses of the members of the Society currently on roll, and it has been decided to make this an annual feature. It is also intended to issue a Directory of the members of the Society and to include a section for "News and Notes" in the Journal.

Judging from the requests that are being received for exchange, the Journal continues to draw great appreciation from eminent institutions and research workers in India and abroad. Among the requests for exchange approved by the Council of the Society during the year under report is one from the National Institute of Agricultural Science, Nishigahara, Kita-ku, Tokyo, Japan.

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 in the national language.

The cost of printing such a technical Journal being high, its publication is sustained mainly through the grants-in-aid received from public organisations. It is a pleasure to record that the Government of Uttar Pradesh and the National Institute of Sciences of India have

increased their grants-in-aid to the Society from Rs. 500 per year to Rs. 1,000 during the year, 1957-58.

#### OTHER ACTIVITIES

(a) Members of the Society will be glad to know that the Railway authorities have agreed to give concession to members and delegates attending the Annual General Meeting of the Society. The Council of the Society is making efforts to have it on a permanent basis.

(b) The Society's publication *Sampling Theory of Surveys with Applications* by Dr. P. V. Sukhatme continues to be well received. As the Society's edition of the book was exhausted, an order for 600 copies of the book was placed with the Iowa State College Press, U.S.A. Out of this number, 200 copies due to the F.A.O. have been delivered directly to Rome, and the balance of 400 copies have been received by the Society. Orders for supplying the book from the new stock are being received in the Society's Office. Members may be interested to know that the Spanish edition of the book has also been well received and is in demand in Latin American Countries.

The question of translating and publishing in Hindi the text-book *Statistical Methods for Agricultural Workers* by Sukhatme and Panse has been postponed for the present by the Executive Council as no appreciable demand is expected for such a publication at the moment.

(c) In order to expand its constructive activities the Council of the Society agreed in principle to hold periodical seminars in spite of inherent organisational difficulties.

After long deliberations and discussions with the members of the Society, the Council of the Society has now formulated a revised scheme to improve the standard and quality of the Journal. According to this scheme it has been decided to institute biennial prizes of the value of Rs. 500 each for articles published in the Journal of the Society and of sufficiently high merit in each of the following fields:—

1. Design of Experiments.
2. Sampling.
3. Statistical Genetics.
4. Statistical Theory and Methodology.

In order to promote research in Agricultural Statistics, the Council has also decided, as an experimental measure, to make contributions

up to Rs. 500 towards meeting the expenditure on travel and other facilities for promising research workers intending to improve their contacts or horizons. Such awards will be limited to five in the first instance.

Details of these two schemes have been announced separately in Volumes IX and X of the Journal of the Society and are also being given wide publicity in research institutions and journals in India and abroad.

(d) The Council of the Society selected Dr. S. R. Sen, Dr. V. G. Panse and Shri Daroga Singh to represent the Society at the 18th Annual Conference of the Indian Society of Agricultural Economics to be held at Nagpur in December, 1957.

The Society could not be represented at the August, 1957 meeting of the International Statistical Institute at Stockholm due to the unfortunate illness of Dr. Sukhatme. The Society is, however, arranging to present papers on Experimental Designs and Sampling at the special session at Brussels in September, 1958.

(e) The 10th Annual General Meeting of the Society was held at Lucknow from 20th to 22nd January, 1957. The members showed a keen enthusiasm in attending this meeting and participating in the discussions. The meeting was inaugurated by Shri K. M. Munshi, Rajyapal, Uttar Pradesh, and was followed by an address on "The use of the concept of power of statistical tests in the design of experiments" by Prof. J. Neyman, Director, Statistical Laboratory, University of California, U.S.A. A session for reading of contributed papers was held under the Chairmanship of Dr. K. R. Nair, Forest Research Institute, Dehra Dun. Two symposia, one on "Statistical Study and Analysis of the Agricultural Plan" presided over by Dr. F. Yates, Rothamsted Experimental Station, England, and the other on "Role of Statistics in Bio-assays" jointly with the Biometric Society and presided over by Dr. B. Mukerji, Director, Central Drug Research Institute, Lucknow, were also held and were well attended. A popular lecture, illustrated by lantern slides on "California studies of effectiveness of artificial rain making" by Prof. J. Neyman was one of the features of the meeting. The U.P. Government made a generous grant of Rs. 2,000 on the occasion to enable the Society to meet at Lucknow and the General Body of the Society has recorded a vote of thanks to the U.P. Government.

The inaugural address by Shri K. M. Munshi, Rajyapal, Uttar Pradesh, the welcome speech by Thakur Hukum Singh Visen, Minister

of Agriculture and Rehabilitation, U.P., and Prof. Neyman's technical address on "The use of the concept of power of statistical tests in the design of experiments", have been published in Volume IX, No. 1 of the Journal. The symposium on "Role of Statistics in Bio-assays" has also been published in Volume IX, No. 1, while the symposium on "Statistical Study and Analysis of the Agricultural Plan" has been published in Volume IX, No. 2, of the Journal.

## INDIAN SOCIETY OF AGRICULTURAL STATISTICS

*Proceedings of the Tenth Annual General (Business) Meeting of the  
Indian Society of Agricultural Statistics held on 20th January 1957  
at Lucknow*

The following members were present:

1. Dr. R. S. Koshal (*in the Chair*); 2. Dr. Uttam Chand;
3. Prof. James N. Warner; 4. Dr. K. R. Nair; 5. Dr. K. S. Rao;
6. Shri N. S. Choudhry; 7. Dr. V. N. Patankar; 8. Dr. O. B. Tandon;
9. Shri G. R. Ayachit; 10. Shri H. K. Chawla; 11. Shri A. C. Kaistha;
12. Shri Y. S. Kapse; 13. Shri S. D. Bokil;
14. Shri G. P. Singh; 15. Shri R. M. Chatterjee; 16. Shri M. N. Das;
17. Dr. B. V. Sukhatme; 18. Shri Daroga Singh. 19. Shri T. P. Abraham;
20. Shri P. S. Sahota; 21. Shri V. N. Murty;
22. Dr. P. N. Saxena; 23. Shri D. S. Ranga Rau; 24. Shri S. S. Iyer;
25. Shri D. Y. Lele; 26. Dr. S. S. Prabhu; 27. Shri V. R. Rao;
28. Dr. K. Kishen; 29. Dr. A. R. Sen; 30. Dr. V. G. Panse;
31. Shri S. Thotapali (*Representative, Planning Commission*).

### *Item No. 1*

*Confirmation of the Proceedings of the Ninth Annual General  
(Business) Meeting of the Society*

The Proceedings were read out by the Secretary and were then confirmed.

### *Item No. 2*

#### *Secretary's Annual Report*

Before reading the Report the Hon. Secretary explained that normally this report should be presented to and approved by the general body of the Society before the inaugural session is held, but on the present occasion the inaugural session had to be held in the morning to suit the Governor's convenience and there was no time to convene the general body meeting before then. We hope that members would appreciate the reasons that necessitated a change in the normal procedure.

The Secretary pointed out the salient features of the report and added that the delays in bringing out the Journal were mainly due to the Press and that it was hoped to bring it up to date during 1957. With regard to Dr. Sukhatme's book on sampling surveys the Secretary replied to a query that the translation rights were with the author and that the Executive Council of the Society had decided to accept with thanks the proposed donation by the author of the royalty due to him from the Society on 400 copies of the book so that it could be utilised for certain special objectives envisaged by him.

There was some discussion on the Hindi supplement of the Journal and the Hon. Secretary explained that the object of the Abstracts at present published in Hindi was to make an attempt at precise expression of the scientific discussion in the language. It was suggested that good original articles in Hindi should be invited and published in full in the Journal although it was felt that technically these may not be of the same level as the English Section of the Journal. There was also a suggestion to publish statistical text-books in Hindi. The Chairman suggested that a beginning might be made by translating the elementary book by Sukhatme and Panse into Hindi. A discussion then followed into the scope and utility of such a venture and the matter was left to Executive Council for further consideration.

The report was then adopted.

### *Item No. 3*

#### *Suggestions for Expanding the Activities of the Society*

##### *(Recommendations of the Sub-Committee)*

The Secretary read out the recommendations of the Sub-Committee (appended with) for expanding the constructive activities of the Society and explained that the matter had been considered by the Executive Council of the Society where it was decided to invite the opinion of the general body on the subject. With regard to the suggestion to build up a Reference Library the general body decided that the Journal of the Society should contain a complete list of all available material received in exchange along with the contents, and that the question of purchases for the library may be referred to the members through a circular. With regard to the other two suggestions, *viz.*, the holding of seminars and the grant of fellowships, the Executive Council was requested to develop them further, giving an idea of the expenditure involved.

*Item No. 4*

*Election of Office-Bearers*

In accordance with the practice followed, the nominations of the Executive Council for the election of Office-bearers for the year 1956-57 were placed before the House. No additional nominations were made by the members present. As Dr. B. V. Sukhatme wished to withdraw his name which had been proposed for the post of Hon. Joint Secretary, Dr. Uttam Chand was requested to continue in the post for another year. He was assured of assistance by Dr. Sukhatme.

*Item No. 5*

*Fixing the Venue and Time of the Next Annual General Meeting of the Society*

No suggestions were made and the decision was left to Executive Council of the Society.

*Item No. 6*

*Any Other Business with the Permission of the Chair*

On a motion of the Hon. Secretary, the general body of the Society gratefully recorded a vote of thanks to the U.P. Government for their generous grant of Rs. 2,000 to enable the Society to meet at Lucknow; to the local Organising Secretary Dr. K. Kishen, Chief Statistician, U.P., and his colleagues for the excellent arrangements they had made for the meeting; to Sri Ram Surat Singh, Chairman, Reception Committee and Director of Agriculture, U.P., Lucknow; and last but not least to Dr. B. Mukerji, Director, Central Drug Research Institute, Lucknow, for his kindness in placing the facilities at the Central Drug Research Institute at the disposal of the Society for holding the present annual session. It was decided that a suitable resolution be prepared and communicated to Uttar Pradesh Government.

The meeting ended with a vote of thanks to the Chair.

*Proceedings of the Meeting of the Sub-Committee of the Executive Council of the Indian Society of Agricultural Statistics held on 7th January 1957 in the Room of Dr. S. R. Sen, at 5:00 p.m.*

The following were present:

1. Dr. S. R. Sen (*Chairman*);
2. Shri B. N. Datar;
3. Dr. V. G. Panse;
4. Dr. Uttam Chand.



*Agenda**Consideration of ways and means for securing fresh grants, creation of reserve funds and expansion of constructive activities of the Society*

The matter was discussed by the members of the Sub-Committee in detail and the following suggestions were made.

1. It was recommended that the Society should organise seminars on suitable topics from time to time and invite experts in the respective fields for participation. The expenditure on travelling allowance, etc., of such experts should be borne by the Society.

2. The Sub-Committee was of the opinion that the Society should have a library of its own to be located at its headquarters at the Statistical Wing of the Council for providing reading and reference facilities to its members, especially out-station members and recommended that a special library fund may be created for building up the library.

3. It was also decided to provide suitable Research Fellowships to lecturers in statistics from different universities and other institutions to work on research problems in statistical theory and application in broad relation to agriculture and other biological fields during the summer vacation at suitable centres such as the Statistical Wing of Indian Council of Agricultural Research. The research fellow would be required to submit reports of further progress of their work from time to time and the continuance of their fellowships for the next year will depend on the merit of the reports.

The meeting ended with a vote of thanks to the Chair.

# THE INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI

## Receipt and Payment Account for the year ending 30th June 1957

RECEIPTS					PAYMENTS				
	Rs.	A. P.	Rs.	A. P.		Rs.	A. P.	Rs.	A. P.
To Opening Balances—					By Cost of Publication of Journals				
Cash in Hand ..	58	8 6			including Freight ..			5,793	10 9
Cash with State Bank of India, New Delhi—Current Account	28,027	14 9			By Clerical Staff ..			1,385	0 0
A Fixed Deposit with State Bank of India, New Delhi	8,712	0 0			By Stationery and Printing ..			202	4 9
National Savings Certificates ..	10,000	0 0			By Postage ..			414	8 9
			46,798	7 3	By Post Box Renewal Fee ..			15	0 0
To Membership Fees—					By Miscellaneous ..			61	12 0
For Current Year ..	1,156	9 9			By Bank Commission ..			31	5 3
For Arrears ..	341	10 0			By Travelling Expenses ..			218	7 0
For Advances ..	80	0 0			By Telephone ..			48	12 0
			1,578	3 9	By Registration of Society ..			6	8 0
Life-Membership ..			575	0 0	By Audit Fees ..			100	0 0
To Sale of Journals ..			2,539	14 7	By Cost of Badges ..			57	6 0
To Interest on Fixed Deposits ..			50	7 6	By Difference due to Conversion ..			0	0 6
To Grant-in-Aid—					By Cost of Furniture ..			233	12 0
National Institute of Sciences	1,000	0 0			By Advance to Dr. Kishen of Lucknow ..			2,000	0 0
Bombay Government ..	500	0 0			By Suspense (Publication Fund) ..			192	1 0
U.P. Government ..	500	0 0			By Amount transferred to Publica- tion Fund ..			19,785	15 3
U.P. Government (Special) ..	2,000	0 0			By Cash in Hand and Bank—				
Orissa Government ..	1,000	0 0			Cash in Hand ..	23	13 0		
			5,000	0 0	Cash with State Bank of India, New Delhi—Current Account ..	6,030	6 10		
To Advertisement Charges ..			140	0 0	Fixed Deposit with State Bank of India, New Delhi	5,385	0 0		
To Bank Charges realised ..			1	10 0	National Savings Certificates	15,000	0 0		
To Sale of Books (Publication Fund) ..			302	0 0				26,439	3 10
			56,985	11 1				56,985	11 1
TOTAL ..					TOTAL ..				

64, Regal Building, New Delhi  
Dated 2-1-1958  
Camp: Banda

(Sd.) C. S. BHATNAGAR  
Chartered Accountant

