

REVIEW OF THE ACTIVITIES OF THE INDIAN SOCIETY OF AGRICULTURAL STATISTICS FOR THE YEAR 1970-71

I have great pleasure in presenting the report of the activities of the Indian Society of Agricultural Statistics. This year is of particular significance to us as the Society has just completed 25 years of its very useful service for the cause of the Agricultural Statistics. This is an occasion when we may look back and take stock of our achievements, pitfalls and potentialities.

Following the Bengal famine in 1943, the Government of India paid greater attention for the improvement of Agricultural Statistics in the country. A strong centre for evolving suitable statistical methodology for collection and compilation of crop statistics in the country was therefore established in the I.C.A.R. under the able guidance of Dr. P.V. Sukhatme. At that time it was felt that it would be of great help if a Society of the Agricultural Statisticians is formed to give publicity to the activities in the field of Agricultural Statistics and provide a forum for mutual discussion of the Statisticians and other Scientists. Accordingly, this Society was founded in 1947 under the patronage of late Dr. Rajendra Prasad, the then Minister for Agriculture, Dr. M.S. Randhawa, Dr. P.V. Sukhatme, Shri G.D. Birla and several others.

From its inception the Society started the publication of its journal. Through this journal it has propagated a good amount of path breaking research work in the field of Statistics and its application to Agriculture, Animal Husbandry, Agricultural Economics, and allied fields. For example, an article entitled "Crop Survey in India" by Dr. P.V. Sukhatme and Dr. V.G. Panse which contained the entire methodology for crop survey in India was of great service to the Agricultural Statisticians both in India and abroad. This article provides the basis for conducting surveys taking into account the difficulties faced in developing countries. A number of useful designs including those suitable for cultivators' fields, a general theory of construction and analysis of Asymmetrical Factorial and Response Surface Designs appeared in this journal.

Since then the Society has published 23 volumes of the journal. This journal is in great demand both in this country and abroad.

The Society is at present maintaining a mailing list for circulation of its journal of more than 500 subscribers both in this country and abroad. These include amongst others Life members, ordinary members, a large number of Institutional members and those with whom the Society is having exchange relations. This year the Society has brought out a Silver Jubilee Number, containing invited articles written by eminent Statisticians, Economists and other research workers in India and abroad. A souvenir has also been brought out on the occasion of the Silver Jubilee.

An important feature of the journal of the Society is that Hindi summaries of all the articles published in the journal are included in it. The Society also published a Hindi vocabulary of statistical terms as early as 1948. This helped greatly to bring out statistical publications in Hindi.

Among its other publications the Society published a book entitled "Sampling Theory of Surveys with Application" by Dr. P.V. Sukhatme. This book was in great demand both in this country and abroad. An American edition of this book was also brought out. This book was translated in several foreign languages. In view of the great advances in the field of sample survey theory that took place after this book was published, a necessity was felt for its revision. It was therefore revised and enlarged under the authorship of Dr. P.V. Sukhatme and Dr. B.V. Sukhatme. The revised edition of the book is also in great demand and is of great service to the cause of Agricultural Statistics.

In appreciation of the services rendered by late Dr. V.G. Panse, the Society published a felicitation volume entitled "Contribution in Statistics and Agricultural Sciences" which contained articles contributed by noted Statisticians, Agricultural Economists and Scientists in allied disciplines.

An important activity of the Society is to provide a forum for discussion of the important problems in relation to Agricultural Statistics of current interest. This, the Society has done by organising annual Conferences, special lectures, symposia, seminars, etc. The Society instituted two lectures called "Dr. Rajendra Prasad Memorial Lecture" and "Dr. Panse Memorial Lecture" to perpetuate the memories of Dr. Rajendra Prasad, the Founder President of the Society, and of Dr. V.G. Panse who contributed much for the development of the activities of the Society. Top scientists in the

country and abroad usually deliver these lectures and discuss problems of importance for the well-being of the country. So far the Society had organised 24 technical addresses delivered at its inaugural sessions, 25 special lectures and 42 symposia. In collaboration with the Indian Society of Agricultural Economics, the Society organised two symposia—one on planning for agricultural production, and the other on problems of cost studies in Agriculture.

A large number of research papers written by young scientists on Statistical Methodology and its application to Agriculture and Animal Husbandry and other allied fields have been read in these Conferences. The proceedings of the Conference along with the abstracts of papers read and extended summaries of papers presented in symposia are printed in the journal of the Society.

Another important activity of the Society is the setting up of a research unit of its own. This unit working under the direction of a small Committee undertakes research in problems of current interest. It is currently engaged in the "Investigation of a statistical basis for the planning for economic development of livestock in India". The members of the staff of this Unit has already brought out a number of publications. It is proposed to utilise this unit for undertaking problems of current interest and also provide consultancy services to private and public sector organisations. This unit is being run with the financial assistance from the Government of India. I have great pleasure in acknowledging and recording our grateful thanks to Shri J.S. Sarma and Shri Ram Saran for their keen interest in setting up the Research Unit and its development and continuation. The Society is also thankful to Shri V.N. Amble for providing guidance for the research work undertaken in the unit.

The Society is a member of the International Statistical Institute. Several papers have been presented to its Conferences which have been represented by several members of the Society.

The 24th Annual Conference of the Society was organised by the Madras University in Madras from 31st December, 1970 to 2nd January, 1971. It was inaugurated by Shri P.U. Shanmugam, Minister of Food, Government of Tamil Nadu. Professor P.K. Bose, Pro-Vice-Chancellor, Calcutta University, delivered a technical address on "Some thinking on statistical training and research in India." During the Conference two symposia on "Model sampling experiments" and "Fertilizer demand" were organised. Dr. Rajendra Prasad

Memorial Lecture on The Story of Green Revolution was delivered by Shri C. Subramaniam.

There were two sessions for reading contributed papers. A joint session of the Biometric Society and Indian Society of Agricultural Statistics for reading of contributed papers was also organised during this Conference. There was a special lecture on "Agricultural Labour in Tamil Nadu" by Smt. S. Satyavanimuthu, Minister for Agriculture, Government of Tamil Nadu. The Council of the Society is very much thankful to the Madras University and the Government of Tamil Nadu for the excellent arrangement of the conference and for the financial help provided for it.

The Society has not yet been able to have a firm stand on its financial resources for the publication of its journal, organisation of the conference and running the Research Unit. It has to depend upon the grants-in-aid from the Central and State Governments, Indian Council of Agricultural Research, and several other Organisations. The Society wishes to acknowledge the financial assistance received from the Government of India, National Institute of Sciences, Indian Council of Agricultural Research and the Government of Maharashtra.

The railway authorities continued to give railway concessions to the delegates attending annual conferences held in various parts of the country, since 1958. This helped young scientists and other research workers to attend the conference in large numbers. The Railway Board was so far sanctioning the concessions on request. I feel happy to inform you that this year onwards they have sanctioned the concession on a recurring basis. The Society is very much thankful to the Railway Board for the railway concession granted to its delegates.

The Society's account is audited by a Chartered Accountant. A statement of the audited account of the Society for the year 1970-71 has been presented. The Society is thankful to the Auditor for the help rendered to the Society.

With the active help and co-operation of all the members of the Society, Executive Council Members, Patrons, Editorial Board, and the Referees, the Society has continued to fulfil its objectives and developed its present status. It is hoped that the Society will continue to receive active support from all in future and progress further so that it can be developed into an organisation of national importance.

THE INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI

Income And Expenditure Account For The Year Ending 30th June, 1971

Previous year	Expenditure	Current year	Previous year	Income	Current year	
3451.70	To Salaries	1683.22	572.00	By Life Membership fee	585.69	
2588.76	Less : Transferred to Journal Account	<u>1262.42</u>	420.80	2793.64	By Ordinary membership fees	<u>2808.00</u>
						3393.69
862.94	To Other Expenditure					
1373.70	Postage	921.40				
349.74	Printing and Stationery	157.66	290.64	Interest on (S.B. A/c)	252.23	
34.75	Bank Charges	27.25				
158.30	Conveyance charges	129.70	2623.53	Interest on Fixed Deposit	1700.21	
75.02	Miscellaneous charges	518.80				
79.95	Cycle repairs and expenses	57.76	28.00	By Miscellaneous income	<u>169.00</u>	
325.00	Audit fees	300.00				2121.44
541.40	Telephone charges	697.50				
34.85	Entertainment charges	29.00				
	Travelling expenses of Miss A. George	1234.50		By income on sale of Dr. Panse's Book.		67.72
12.47	Difference due to exchange	—				
105.00	Magazine binding	—				
3090.18	Less :	4073.57				
2317.64	Transferred to Journal A/c.	<u>3062.67</u>				
			1010.90			
722.54	Net Loss on the Sale of Books and issue of complimentary copies of Dr. Panse's book.	—				
2255.00	To Annual Conference Expenses :					
1560.00	Travelling expenses	850.00				
353.90	To Membership Subscription to International Statistical Institute, Hague	—				
256.17	To Membership fee W/off.	—				
	To Depreciation written off					
21.00	To Furniture @ 10 %	19.00				
14.00	To Cycle @ 15 %	<u>13.00</u>				
			32.00			
212.26	To Excess of Income over expenditure carried over to General Reserve		3268.55			
6307.81		Total Rs.	5582.25	6307.81		
						Total Rs. 5582.25

64, Regal Buildings,
New Delhi,
Dated : 22.3.72

Subject to our report of even date.

For C. S. BHATNAGAR & CO.
Sd/-
Chartered Accountant.

THE INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI

Income And Expenditure Account (Journal) For The Year Ending 30th June, 1971

<i>Previous year</i>	<i>Expenditure</i>	<i>Current year</i>	<i>Previous year</i>	<i>Income</i>	<i>Current year</i>
3063.27	To Opening Stock	3355.80	8124.90	By Subscription for Journal received	9640.80
			52.50	By Royalty received	—
8914.80	To Printing Charges of Journal	7220.78		By Grant in Aid :	
			500.00	Director of Agriculture, Maharashtra State, Poona	—
2588.76	To Staff salaries (Proportionate)	1262.42		By Closing Stock :	
			1.00	Up to Vol. No. XVII(I) and (II) at token value	
2317.64	To other expenses (Proportionate)	3062.67	370.84	Volume No. 18 (I)	—
			392.00	Volume No. 18 (II)	1.00
			328.24	Volume No. 19 (I)	305.86
			308.24	Volume No. 19 (II)	292.68
			62.30	Volume No. 20 (I)	18.69
			222.68	Volume No. 20 (II)	181.66
			892.32	Volume No. 21 (I)	858.00
			777.48	Volume No. 21 (II)	727.32
			—	Volume No. 22 (I)	820.10
			—	Volume No. 22 (II)	870.46
			4851.27	By Deficiency transferred to Balance sheet.	4075.77
					1185.10
<u>16,884.47</u>		<u>14,901.67</u>	<u>16,884.47</u>		<u>14,901.67</u>

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Dated : 22.3.72

Subject to our report of even date.

For C.S. Bhatnagar & Co.
Sd/-
Chartered Accountant.