

## REVIEW OF THE ACTIVITIES OF THE INDIAN SOCIETY OF AGRICULTURAL STATISTICS, FOR THE YEAR 1977-78

The Indian Society of Agricultural Statistics is a scientific body, founded in 1947 with the object of promoting research in statistical theory and its application to agriculture, animal husbandry, agricultural economics and allied fields. With this objective it organises annual conference where statisticians working in this field meet and exchange ideas. It also publishes a Journal to facilitate publication of results of research. Apart from the Journal it has been publishing a number of books and research bulletins. It maintains a research unit to undertake research on specific problems of current interest in accordance with the guidance provided by a Research Direction Committee. The activities of the Society in all these fields during the year under report have been as follows :

The membership of the Society which is drawn from all parts of India as well as from abroad increased appreciably during the year. In addition to its regular membership the Society has a number of institutional subscribers to the Journal in India and abroad. During this year the membership was : Life members 105, Individual members 210, Institutional members 59, Subscribers 242 and Student members 14. Thus there were 630 members and subscribers during the year, as against 517 in the previous year.

So far the Society has published 30 Volumes of the Journal. The Hindi supplement continues to be a special feature of the Journal. The high standard of the Journal has been maintained due to the efforts of the referees and Editorial Board. The Society is thankful to them for their devoted work. One of the publications of the Society is *Sampling Theory of Surveys with Applications* by P.V. Sukhatme and B.V. Sukhatme. This has gone into a number of prints. The reprinting of the revised edition of the book with paper back was brought out year before last to meet the needs of student community. Another important publication *Statistical Methods in Animal Sciences* by Shri V.N. Amble was released three years back. This book was extremely useful for research workers in animal sciences. Some other adhoc publications of the Society are 'Contributions in Statistics and Agricultural Sciences,' a felicitation

Volume published on the occasion of the 60th birthday of late Dr. V.G. Panse, a founder member and for many years the Secretary of the Society. A Symposia Volume containing papers presented at the Symposia on 'Measurement of Green Revolution' and 'Statistical Assessment of Intensive Cattle Development Programme' was also published. The publication activities of the Society thus continued satisfactorily. It was found that a large number of papers were received for publication in the Journal. However, because of limitation of space it is difficult to publish them without considerable time lag. Suggestions have been made that publication of another series of the Journal for research papers of applied nature might be taken up by the Society and these suggestions would be looked into.

The Research Unit of the Society prepared a report on the project 'A Scientific Approach to Buffer-stock-Policy'. This is being finalised for publication. A study on trend of yield of wheat in pre and post H.Y.V. periods in different states was also undertaken by the Unit and findings of the same will be presented at the Session. A number of other interesting and useful studies such as "Problem of regional imbalances" and 'Analysis of constraints in agricultural production' can be taken up provided adequate funds and personnel are made available. The work of the Unit is being guided by a Research Direction Committee consisting of Dr. P.V. Sukhatme, Professor P.K. Bose, Shri S.C. Choudhri, Shri J.S. Sarma, Shri Ram Saran, Shri V.N. Amble and Dr. D. Singh.

The problem of finance for scientific activities of the Society and printing of its Journal could be solved to a certain extent through grants-in-aid received from the Central and State Governments and other organisations. The Society wishes to acknowledge gratefully the financial assistance received from the Government of India, Indian Council of Agricultural Research and the State Governments from time to time. Some difficulty has been faced in the running of Research Unit due to lack of availability of suitable personnel. This is primarily owing to the fact that the research workers in the Society leave their jobs very frequently as and when they are able to get regular employment. Another difficulty is the need for a whole time supervisor and guide for the research unit. The Executive Council has been aware of these problems and is considering suitable steps. In particular, they would like to get the services of a retired Scientist of sufficient standing in the field of agricultural statistics who could work for the Society on a regular basis.

The Society serves as a forum for discussing statistical problems. However, the members also feel that it should strive to impress upon

the authorities the need for giving due recognition to statistics as a separate discipline. In the past it has been customary for employers of statistical personnel to bracket it with the discipline of mathematics, economics and commerce because qualified and trained statisticians were not available. As a result posts requiring statistical expertise were often manned by persons without adequate training in statistics. Now with the adequate availability of persons trained in statistics it is time that the policy in this regard is changed and people qualified or trained in statistics are recruited against statistical jobs.

The last (31st) annual conference of the Society was held from 16th to 18th December, 1977, at New Delhi. The Honourable Union Minister Shri S.S. Barnala, spared his valuable time to inaugurate the conference. Prof. J.N. Srivastava, Colorado State University, U.S.A., the President-elect, delivered the Technical Address on "Statistical Design of Agricultural Experiments". Two Symposia, one on "Assessment of Livestock Development Programmes in Relation to Small and Marginal Farmers" and the other on "Model Building in Agriculture" were organised during the conference. Dr. Y. Prasad, Animal Husbandry Commissioner, Government of India, presided over the first Symposium and Dr. Uttam Chand, former Director General, Statistical Organisation, Government of India presided over the Second. Dr. Rajendra Prasad Memorial Lecture which was delivered by Prof. Raj Krishna, Member, Planning Commission and dealt with "Some aspects of the theory and practice of land reforms". Prof. P.K. Bose, presided over the lecture. Distinguished Prof. Dr. H.O. Hartley from U.S.A. delivered a special lecture on 'Multiple Frame Surveys and Applications' which was presided over by Dr. P.V. Sukhatme, the Executive President of the Society. There were two sessions for reading of technical papers. One session was presided over by Prof. J.N. Srivastava and the other by Prof. J.N.K. Rao, Professor of Statistics, Carleton University, Ottawa, Canada. The Society is grateful to all of them for sparing their time and making the Conference a success.

Dr. Panse Memorial Lecture could not be organised during the year because of unforeseen difficulties. However, efforts to organise it have been continuing and the next lecture is expected to be delivered early next year.

The railway authorities, as in the past, gave concession to the members of the Society and delegates who attended the conference of the Society at New Delhi. The Society records its grateful thanks to the railway authorities,

The accounts of the society for the year 1977-78 were audited by a professional Auditor as usual.

The work of the Society during the year was made possible through the active help of the members of the Executive Council of the society, the Editorial Board and the Research Direction Committee. The Society is also thankful to Dr. B.B.P.S. Goel for his help in preparing the Hindi Supplement of the Journal. The burden of the entire secretariat of the Society has been willingly borne by my colleagues Shri S.D. Bokil, Dr. K.C. Raut and Dr. B.B.P.S. Goel. Joint Secretaries of the Society. In the end, I have to thank the staff of the Society for their devoted work.

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

**Income and Expenditure Account for the Year Ended 31st March, 1978**

<i>Expenditure</i>			<i>Income</i>	<i>Current Year</i>
	<i>Current Year</i>			
To Salaries	4,040.00		By Life Membership Fees	3,401.00
Less : Transferred to Journal Account	3,030.00	1,010.00	By Ordinary Membership Fees	6,479.59
<i>To Other Expenses</i>			By Interest on Saving Bank Account	765.90
Postage	1,679.62		By Interest of Fixed Deposits	3,087.89
Printing & Stationary	654.85		By Misc. Income	25.00
Bank Charges	149.00		By Sale of Symposium Volumes	110.00
Conveyance Charges	29.60		By Profit on Sale of Published Books	3,313.85
General Charges	117.40		By Grant for Project of Directorate of Extension	
Audit Fees	450.00			
Entertainment Expenses	60.30		<i>By Profit on Souvenir</i>	
	<u>3,140.85</u>		Advertisement receipts	8,407.50
Less : Transferred to Journal Account	2,355.64	785.21	Less : Expenses	1,160.02
				<u>7,247.50</u>
To Membership fees paid to International Statistical Institute			By Grant Received from ICAR	8,000.00
To Panse Memorial Lecture		903.35	By Delegates Fees	2,322.00
Project of Directorate of Extension			By Credits Writen Back	2,749.14
To Annual Conference Expenses		17,098.74		
To Membership fees more than two year— W/off		733.00		
<i>To Depreciation W/off</i>				
Furniture	49.00			
Cooler	46.00	95.00		
To excess of Income over expenditure				
C/o To General reserve		16,876.57		
		<u>37,501.87</u>		<u>37,501.87</u>

Subject to our report even date

For C.S. Bhatnagar & Co.

Sd/-

(C.S. BHATNAGAR)

Chartered Accountant

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI**  
**Income & Expenditure Account (Journal Vol-29) for the year ended on 31.3.78**

<i>Expenditure</i>	<i>Current Year</i>	<i>Income</i>	<i>Current Year</i>
To Opening Stock (Journals in Hand)	5,764.50	By Sale & Subscription of Current Volume	12,590.82
To Printing Charges	8,249.00	By Sale of Back Volumes	4,560.62
To Staff Salaries	3,030.00	By Sale of reprints	536.05
To other Expenses	2,355.64	By Advertisement Receipts	—
To Postage	1,878.30	<i>By Closing Stock</i> (at cost and as certified by the Secretary)	5,262.42
To Surplus Transferred to Balance Sheet.	1,672.47		
	<hr/> 22,949.91 <hr/>		<hr/> 22,949.91 <hr/>

Dated: 4.9.78

F or C.S. BHATNAGAR & Co.

Sd/-  
(C.S. BHATNAGAR)  
Chartered Accountant

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS (RESEARCH UNIT)**

**Income & Expenditure account of the year ended 31st, March, 1978**

<i>Liabilities</i>	<i>Cursent Year</i>	<i>Assets</i>	<i>Current Year</i>
To Establishment	23,213.94	By Grant in Aid Sanctioned by Govt. of India	40,000.00
To Office Rent	— —	By Excess of Expenditure over Income	— —
To Gsneral Charges	98.03	C/o to B/Sheet	— —
To Stationery & Printing	1,013.16		
To Audit Fees	350.00		
To Electricity Charges	69.50		
To Telephone Expenses	589.60		
To Travelling & Conveyance	101.80		
To Depreication W/off	947.65		
To Liveries to Staff	100.65		
To Entertainment	20.90		
To Printing of Research Unit Papers	2,383.00		
To Excess of Income over Expenditure	11,111.77		
	<u>40,000.00</u>		<u>40,000.00</u>

Checked and certified correct accordance with books,  
Vouchers and Informations prove to us.

For C.S. Bhatnagar & Co.

Sd/-

**C.S. BHATNAGAR**

Chartered Accountant

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS (RESEARCH UNIT)**

**Balance Sheet as on 31st March 1978**

<i>Liabilities</i>	<i>Current year</i>		<i>Assets</i>	<i>Current Year</i>
<i>General Reserve</i>			<i>Fixed Assets</i>	
As per last B/Sheet	333.50		(As per Schedule)	7,779.05
<i>Add: Surplus for the year</i>	11,111.77	11,445.27	<i>Grant Recoverable</i>	
<i>Expenses Payable</i>			Indian Society of Agricultural Statistics	4,016.22
Audit Fees		350.00		
Indian Society of Agricultural Statistics				
		<u>11,795.27</u>		<u>11,795.27</u>

Checked and certified correct accordance with books,

Vouchers and Informations prove to us.

For C.S. Bhatnagar & Co.

Sd/

(C.S. BHATNAGAR)

Chartered Accountant