

## REVIEW OF THE ACTIVITIES OF THE INDIAN SOCIETY OF AGRICULTURAL STATISTICS, FOR THE YEAR 1978-79

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 can meet and exchange ideas. It also publishes a Journal to facilitate publication of results of research. The Journal is published in three issues *i. e.* in April, August and December every year. 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 115, individual members 244, Institutional members 57, Subscribers 283 and student members 19. Thus there were 718 members and subscribers during the year, as against 630 in the previous year.

So far the society has published 31 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 reprints of the revised edition of the book with paper back was brought out year before last to meet the needs of student community. The book is modestly priced at Rs. 22.00 and at Rs. 18.00 (the cost price) for the members. Another Important publication 'Statistical Methods in Animal Sciences' by Shri V. N. Amble was released four years back. This book is 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 Honorary 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 publications of the society have been in considerable demand during the year. The publication activities of the society thus continued satisfactorily.

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. To accomodate more research papers, printing of one more issue of the Journal devoted to applied type of papers has been commenced from Volume 31 as per decision taken at the last General Body Meeting of the society. It is hoped that this will help in reducing considerably the time lag in the publication of the papers in the Journal.

The Research Unit of the Society continued to tackle a number of problems of current interest. The report on 'A Scientific Approach to Bufferstock Policy' submitted to the Research Direction Committee earlier has been finalized in the light of the comments received from them and will be resubmitted to the Research Direction Committee shortly. A study on growth of wheat production in pre-HYV and post-HYV periods was completed and a report will be submitted to the committee soon. A research paper based on the study has been prepared and is being circulated for comments. A study on measurement of losses due to floods in U.P. was also initiated during the year and studies on growth of other crops, cereals and pulses, was

taken up on the lines of the study on wheat mentioned above. Studies on 'Regional Imbalances' and Constraints in Agricultural Production are proposed to be taken up in future depending upon the availability of resources. The Research Direction Committee for guiding the work of Research consists of Dr. P.V. Sukhatme, Prof. P.K. Bose, Shri S.C. Chaudhury, Shri J.S. Sharma, Shri Ram Saran, Shri V.N. Amble and Shri R. Raghunathan.

The problem of the 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 Government 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 Government 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 statistics are recruited against statistical jobs.

The last (32nd) annual conference of the Society was held from 21st to 23rd December, 1978 at Ludhiana under the auspices of

Punjab Agricultural University. Dr. M.S. Randhava spared his valuable time to inaugurate the conference. Dr. R.D. Narain chief of the Statistics Division of the Food and Agricultural Organisation of the United Nations, the President elect, delivered the Technical Address on 'International Agricultural Statistics some aspects of its Growth, problems and Prospects'. Two symposia, one on 'Assessment of Cross-Breeding programmes' and the other on 'Inventory and Storage Problems in Foodgrains and other Agricultural Products' were organised during the Conference. Dr. M.S. Randhawa Director Research, Punjab Agricultural University, Ludhiana presided over the first and Dr. R.D. Narain of the F.A.O. presided over the second. The 'Dr. Rajendra Prasad Memorial Lecture' on 'the Economics of Agricultural Research and Development' was delivered by Dr. A.S. Kahlon, Chairman Agricultural Prices Commission, Dr. M.S. Randhava delivered a popular lecture on 'Agricultural Production in India, progress and problems.' The president-elect Dr. R.D. Narain presided over both these lectures. There were two sessions for reading of technical papers. One session was presided over by Dr. T.A. Ramasubban, Head of the Deptt. of Mathematics and Stats., Punjab Agricultural University, Ludhiana and the other by Dr. P.N. Saxena Assistant Director General, Indian Council of Agricultural Research. The Society is grateful to all of them for sparing their valuable time and making the conference of great success.

Dr. Panse Memorial Lecture on 'Project Formulation-Need for a Data Base' was delivered this year by Dr. P.K. Mukherjee, Project Economist Ministry of Agriculture and Irrigation, Govt. of India, New Delhi. The lecture presided over by Dr. M.S. Swaminathan, the President of the Society.

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 Ludhiana. The society records its grateful thanks to the Railway authorities.

The statement of audited accounts of the society for the year 1978-79 is enclosed. The audit has been carried out 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**  
**Balance Sheet as on 31st March, 1979**

<i>Liabilities :</i>	<i>Current Year</i>		<i>Assets.</i>	<i>Current Year.</i>
	<i>Rs.</i>	<i>Rs.</i>		
<i>General Reserve :</i>			<i>Cash in Hand :</i>	385.27
As per Last Balance Sheet	1,18,182.77		Cash at Bank (with State Bank of India, Parliament Street, New Delhi)	
<i>Add : Excess of Income over Expenditure.</i>	17,567.33	1,35,750.10	In Current Account.	311.71
<i>Publication Fund :</i>		30,819.81	In Saving Account.	129.47
Membership fees Received in advance		1,051.00	(With Syndicate Bank, Pusa, N. Delhi) In Saving Account.	44,821.60
<i>Capital Reserved Fund : (Life Membership Fees).</i>		4,403.00	In Current Account.	251.16
<i>Advance Subscription for Journals :</i>			In Fixed Deposits (with State Bank of India, Parliament Street, New Delhi)	90,000.00
Volume 30	—			1,35,513.94
Volume 31	6,224.72		<i>Membership Fees Outstanding :</i>	
Volume 32	112.04		Due upto 1977-78.	1,626.00
Volume 33	112.04	6,448.80	<i>Less : W/off.</i>	387.57
<i>Sundry Creditors:</i>			<i>Less : Received.</i>	394.41
For Audit Fees.	450.00			844.00
For Printing Charges.	947.00	1,397.00	Due for 1978-79.	2,044.00
				2,888.00
			For Advertisement.	—
			For Sale of Books.	430.50
				3,318.50

**Research Unit :**

Balance as per last year.	4,016.22	
<i>Add</i> : Grant Received during the year.	<u>41,000.00</u>	
	45,016.22	
<i>Less</i> : Debits during the year.	<u>39,911.68</u>	5,104.54
		<u>1,84,974.25</u>

**Fixed Assets :**

**Furniture :**

As per last Balance Sheet.	443.00	
<i>Less</i> : Depreciation W/off.	44.00	399.00
Library Books.	<u>          </u>	82.65
<b>Cooler</b>		
As per last Balance Sheet.	255.00	
<i>Less</i> : Depreciation.	38.00	217.00
<b>Stock in Hand (At Cost) :</b>		
Journals.	6,935.22	
Symposium Volumes.	1.00	
Published Books.	<u>27,637.49</u>	34,573.71
<b>Deficiency Accounts (Journals) :</b>		
As per last Balance Sheet.	8,521.10	
<i>Add</i> : Loss for the year.	<u>1,963.08</u>	10,484.18
		<u>1,84,974.25</u>

New Delhi,  
Dated ; 10.11.79

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

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS**  
**Income and Expenditure Account for the year ending 31st March, 1979.**

<i>Expenditure</i>	<i>Current Year</i>		<i>Income</i>	<i>Current Year</i>
To Salaries and Honorarium.	5,485.00		By life Membership Fees	—
Less : Transferred to Journals Account.	3,888.75	1,596.25	By Ordinary Membership Fees.	5,918.50
			By Interest on Saving Bank A/c.	1,275.95
<i>To Other Expenses.</i>			By Interest on Fixed Deposits.	2,000.00
Postage.	962.85		By Misc. Income.	133.00
Printing & Stationery.	106.46		By Sales of Symposium Volumes.	152.00
Bank Charges.	113.50		By Grant for projects.	10,000.00
Conveyance Charges.	56.10		By profit on Souvenir.	—
General Charges.	3.00		By Grant From Govt. of Maharashtra.	2,000.00
Audit Fees.	450.00		By Grant Received from I.C.A.R. for Annual Conference.	5,000.00
Entertainment Expenses.	54.25		By Delegates Fees.	—
	<u>1,746.16</u>		By Credits Written back.	—
Less : Transferred to journal Account.	1,309.62	436.54	By profit on sale of published Books.	944.61



To Expenses on Dr. Panse Memorial Lectures.		1,049.05	
To Annual Conference Expenses.		5,364.37	
To Membership fee due for more than two years W/off.		387.57	
To Membership Fee of International Statistical Institute.		950.95	
To Depreciation W/off.			
Furniture.	44.00		
Cooler.	<u>38.00</u>	82.00	
To excess of Income over Expenditure.		<u>17,567.33</u>	
		<u>27,424.06</u>	<u>27,424.06</u>

New Delhi,  
Dated : 10.11.79.

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

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI**  
**"RESEARCH UNIT"**

**Balance Sheet as on 31st March, 1979.**

<i>Liabilities</i>	<i>Current year</i>		<i>Assets</i>	<i>Current year</i>	
Balance as per last B/Sheet	11,445.27		<i>Fixed Assets</i>		
<i>Less</i> : Deficiency for the year	121.07	11,324.20	Balance as per last B/Sheet	7,779.05	
<i>Capital Reserve</i>		6,835.19	Additions during the year	6,835.19	
<i>Expenses Payable</i>				14,614.24	
Audit Fees.		350.00	<i>Less</i> : Depreciation W/off.	1,656.39	12,957.85
<i>P.F. A/c. (Sh. Bhawani Dutt)</i>	1,278.00		<i>Deposits with Post Office (P.F.A/c)</i>		680.00
<i>Less</i> : Loan against P.F.	485.00	793.00	<i>Advance to Staff.</i>		560.00
			<i>Indian Society of Agricultural Statistics</i>		5,104.54
		<u>19,302.39</u>			<u>19,302.39</u>

Dated : November 10, 1979

For C.S. Bhatnagar & Co.

Sd./-

(C.S. BHATNAGAR)

Chartered Accountant

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS, NEW DELHI**  
**"RESEARCH UNIT"**

**Income & Expenditure Account for the year ending 31st March, 1979.**

To Establishment	25,735.80	By Grant in aid sanctioned by Govt. of India, Ministry of Food and Agriculture		41,000.00
To General Charges	180.15			
To Stationery & Printing	1,383.39			
To Audit Fees	350.00	Less : Utilised for Capital Expenditure	6,835.19	34,164.81
To Electricity Charges	—	By Deficiency		121.07
To Employers' Contribution to P.F.	639.00			
To Telephone Expenses	932.20			
To Travelling & Conveyance	435.30			
To Liveries to Staff	59.05			
To Postage	878.15			
To Entertainment	36.20			
To Printing of Research Unit Papers	2,000.25			
To Depreciation W/off.	1,656.39			
To Excess of Income over Expenditure.	—			
	<u>34,285.88</u>			<u>34,285.88</u>

64, Regal Buildings. New Delhi-110001

Checked and certified correct in accordance with books, Vouchers and informations provided to us.

Dated : November 10, 1979.

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

REVIEW OF THE ACTIVITIES OF THE SOCIETY

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

**Income & Expenditure Account (Journal Vol. 30) for the year ending 31st March, 1979**

<i>Particulars</i>	<i>Current year</i>	<i>Particulars</i>	<i>Current year</i>
To Opening Stock (Journals)	5,262.42	By Sales & Subscription of Current Volume	12,188.48
To Printing Charges (Vol. 30)	11,156.75	By Sales of Back Volumes	4,496.16
To Staff Salaries	3,888.75	By Sales of Re-prints	72.00
To Other Expenses	1,309.62	By Closing Stock (At Cost)	6,935.22
To Postage	4,037.40	By loss Transferred to B/Sheet	1,963.08
To Surplus Transferred to B/Sheet	—		
	<u>25,654.94</u>		<u>25,654.94</u>

New Delhi

Dated : November 10, 1979

For C.S. Bhatnagar & Co.

Sd/-

(C.S. BHATNAGAR)

Chartered Accountant