

ANNUAL REPORT

9TH

1999-2000



INSTITUTE OF PESTICIDE FORMULATION TECHNOLOGY
Registered under Societies Act XXI (Registration number S-21944/1991)
Sector-20, Udyog Vihar, Gurgaon - 122 016 (Haryana)



9th
Annual Report
1999-2000



INTRODUCTION

In the ninth year of its operation, the Institute of Pesticide Formulation Technology (IPFT) has been able to consolidate its position by taking its own cadre of technologists, scientists and supporting staff and has been able to attract more projects and contractual work from the pesticide industry and the Bureau of Indian Standards. The Institute further strengthened its analytical capabilities with the addition of the state-of-the art LC-MS/MS, GC, MSD, Dionex ASE-200 and Centrifugal Extractor system widening its analytical services to the pesticide industry as well as for more effectively participating in the Round Robin Test conducted by the Organisation for Prohibition of the Chemical Weapons (OPCW) of the Chemical Weapons Convention. The design and the construction of a state-of-the art laboratory building has been started with the approval of the required funds by the Govt. of India, which would enable the Institute to obtain recognition of the international and national authorities that would enable the Institute to expand its designated services far and wide thereby generating more income needed for its self-reliance. The Institute continued to function as the Technical Coordinator Unit of the Regional Network on Pesticides for Asia and the Pacific (RENAPAP) of the UNDP/UNIDO in the field of pesticide formulation technology development and quality assurance.

Objectives of the Institute

The main objectives of the Institute of Pesticide Formulation Technology as given in the Memorandum of Association of the Society are:

1. Development and production of the state-of-the art user and environment friendly pesticide formulation technology.
 2. Promotion of efficient application technologies suiting the existing requirements of the newer formulations.
 3. Information dissemination of safe manufacturing practices, quality assurances, raw material specification and sources.
 4. Analytical and consultancy services.
 5. Fostering the improvement in the qualification and usefulness of pesticide scientists working in the agrochemical area.
- Continuing education through specialised training for pesticide personnel.

Activities during the year under report

The Institute continued to strengthen its four Divisions viz. Formulation Development, Analytical, Bio-Sciences Division and Process Development Division.

i) Formulation Division

During the year under review, the pesticide industry continued to support the activities of the Institute through sponsoring projects for the development of user and environment friendly varieties of pesticides formulations. The following projects were sponsored during the year under review by M/s United Phosphorous Limited, M/s Atul Chemicals and M/s E.I.D. Parry Limited.



<i>S.No.</i>	<i>Projects</i>	<i>Name of the Party</i>	<i>Status</i>
1.	Phosphomidon 42.5 WP	UPL	Phase I completed
2.	Metameturon 70WG	UPL	Phase I completed
3.	Mancozeb 75 WG	UPL	Phase I completed
4.	Chlorthalonil 75 WG	UPL	Phase I completed
5.	2,4-D 70 SG	Atul	Ready for Phase I demonstration
6.	Devrinol 50WG	UPL	The process being refined.
7.	Aza spreading	EID Parry	Ready for Phase I demonstration.
8.	Aza Microemulsion 30%	EID Parry	Ready for Phase I demonstration.

Developmental studies

During the year exploratory studies completed including Endosulfan 50 WG, Aza based dust granule and household and N125 seed dressing formulation.

Processing Job works

The Division undertook laboratory processing extending laboratory processing facility for wet milling to M/s Atul Chemicals, M/s Sulfur Mills and M/s Rhone Poulanc India Ltd.

Particle size testing

The various industries approached this Division for sample testing for particle size distribution for various industries and this was done in respect of 670 samples.

ii) Analytical Division

This Division continued to consolidate its activities towards development of new methods for analysing active ingredients of pesticides, method validation, modification of existing methods, preparation of impurity profile pesticides, quality assurance and quality control, residue analysis and persistence of pesticides in soil and water. The laboratory continued to participate in the testing activities organised by the CIPAC, RENPAC and GTZ. State-of-the-art instruments like GC MSD, Dionex ASE-200 and Centrifugal Extractor system and LC MSMS have been procured and commissioned for extending its specialised services to the industry.



PHOTO
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GC-MS Lab

Method Development

1. The Institute has developed a HPLC method for determining active ingredient content of Thiram technical and their formulation.
2. A HPLC method has been developed for active ingredient analysis of Carbendazim technical and their formulations.
3. A GLC method has been developed for determining active ingredient of Phorate technical and its formulation.

Collaborative Studies:

With the Industry: Collaborative Study with M/s EID Parry (India) Ltd. for active ingredient analysis of Azadirachtin has been carried out.

With the Bureau of Indian Standards:

A collaborative study with Central Insecticides Lab. Registration Committee and BIS for development of HPLC method for azadirachtin content in commercial formulations of neem is underway.

Chemical Weapons Convention (CWC)

The Institute participated in the Round Robin VI and VII tests organized by OPCW, The Hague. It has also participated successfully in the National Round Robin Test sponsored by the National Authority.

In order to meet the high precision needs of the OPCW Round Robin tests Centrifugal Extraction Systems and LC MSMS systems have been procured and commissioned during the reporting year.



iii) Bio-Science Division

Through its well-equipped bio-assay laboratory, green houses and experimental farm, the division is working in coordination with the Formulation Division and Process Development Division in order to evaluate various products biologically and generating necessary data for registration purpose.

During the year, Central Insecticides Board/Registration Committee, Ministry of Agriculture, Govt. of India has agreed to accept the data generated by IPFT for registration of pesticide technical/formulations.

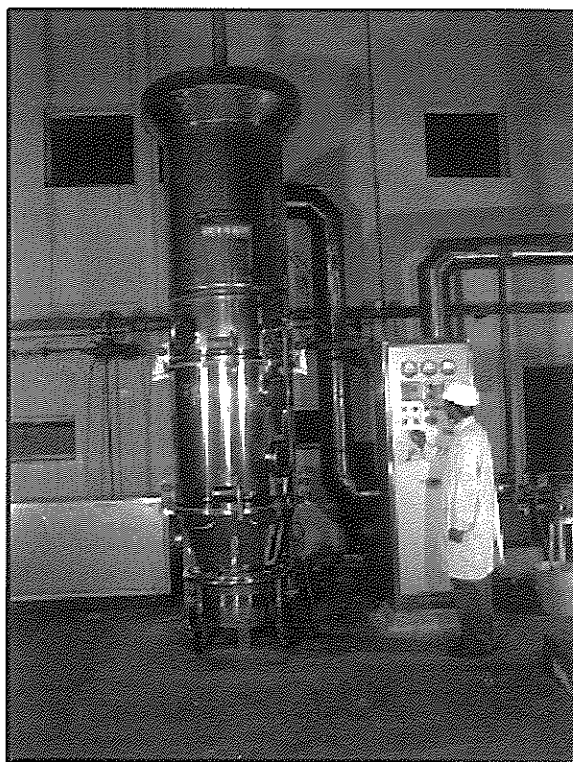
During the year 1999-2000, the Division has carried out the studies which are summarized as under:

1. Bio-efficacy and Phytotoxicity studies of Phosphomidon 40 SP and SL in Brinjal, Chilli and Mustard crops against major insect pests have been carried out and the report is ready for submission.
2. Field trial of APSA-80 to evaluate Bio-efficacy and Phytotoxicity singly and in combination of commonly used wheat herbicide have been carried out, the report is ready for submission.

iv) Process Development

In pursuance of the decision taken by the Governing Body, the Process Development Group interacted with the prospective sponsoring industries for transferring the process technology package. However, the industries are not very willing to come forward for the Phase II part of the project as they are fearful about the non-protection of the new formulations being sponsored by them by the Registration Committee of the Govt. of India and they were not quite willing to invest for the Phase II studies.

PHOTO
(2)



Spray Granulator



The studies completed/carried out in Pilot plant during the year are summarised below:

- i) Job work for processing special type of filler for M/s Rhone Poulenc India Ltd. Using **Fluid Energy Mill System**.
- ii) Job work for M/s Sulfur Mills Limited for producing Isoproturon WG formulation.
- iii) Job work for M/s Sulfur Mills for producing Metameturon WG formulation.



PHOTO
(3)

Processing of Suspension Concentrate

In House Formulation Developments Work

The specialised pilot plant equipments were used by formulation development laboratory for in house formulation development work which included Lodge Mixer, Ribbon Blender, Fluid energy Mill, etc.

Training Programmes

During the year, IPFT organized five training programmes. The details of the training programmes organized during the year are as under:

Workshop on Pesticide Registration and Regulation

The workshop was organized from 22-23 September, 1999 wherein 13 participants from different pesticide industries participated. The participants took very keen interest in learning different aspects of pesticide registration procedures, Insecticide Act & Rules, Regulation on the judicious use of Pesticides, Safety to both workers and users. The faculty consisted of eminent Scientists from pesticide, ICAR, CIB/RC, CIL & IPFT.



Workshop on Analytical Techniques

The Workshop was conducted with the basic aim of bringing awareness on the importance of Analytical Techniques in Pesticide Analysis, recent advances in the various spectroscopic techniques and methods and recent development in the instruments. The programme was organised from 4-5 October, 1999 and 17 participants attended the programme. The participants were given practical demonstration and hand on experience. The faculty was drawn from ICAR and IPFT.

Workshop on Training for Trainers

This Workshop was first of its kind wherein 23 participants from the Govt. participated. The workshop was organised from 11-14 October 1999. The participants were from Agriculture Department of Different States, Ministry of Agriculture & Food, Central Warehousing Corporation and Pesticide Industry. The programme focussed on different aspects of eco-friendly formulation consisting of its use and restrictions, safety while manufacture and judicious use of formulations in the field. The programme was for five days duration.

Workshop on Pesticide Formulation Technology

Twentyeight participants consisting of Executives from Pesticide Industries and Scientists from CSIR Laboratories attended the workshop held from 13-15 March, 2000. Theoretical and practical training on Eco & environmental friendly formulation was the theme of this training programme. The participants were exposed to various newer generation eco & environmental formulations and adequate practical training were also imparted in the laboratories.

Workshop on Pesticide Residue Analysis

The programme was designed to train the participants in the various aspects of pesticide residue analysis techniques. The workshop was held from 29-31 March, 2000 and 19 participants attended the programme. Adequate laboratory training were also organized during the workshop. The faculty included experts from Pesticide Industry, IARI and Delhi University besides the internal faculty of IPFT.

The final evaluation showed that the programmes were well received by the participants from the various industries.

CONSTRUCTION OF LABORATORY BUILDING

A new R&D Laboratory building has been designed in consultation with the National Accreditation Board (NABL) and the building would have a covered area of 30000 sq.ft. and incorporate state-of-art facilities to meet the standard requirement of ISO 9000 and EN 45001. The cost of construction of new Laboratory Building is likely to be around Rs. 440 lakhs. The Ministry of Chemicals & Fertilizers have released a sum of Rs. 300 lakhs for the construction of this New Laboratory.



The total construction activity has been split up into the following parts:

1. Civil construction (including internal electrification and sanitary work)
2. Internal furnishing.
3. Air conditioning
4. External electrification including supply of sub-station, DG sets and UPS.
5. Boundary wall and Utility building.

The contract for civil construction (including internal electrification and sanitary work) has been awarded to M/s National Building Construction Corpn. Ltd.

The contract for air-conditioning has been awarded to M/s Aerocomfort. The contract for construction of boundary wall and utility building has also been awarded to M/s National Building Construction Corporation.

The contract for external electrification including supply of substation, DG set has been awarded to M/s Scopic India Engineers Pvt. Ltd.

The building is likely to be completed in all respects by end of December, 2000 and the total project is likely to be closed by the end of the current financial year.

Regional Network on Safe Pesticides Production and Information for Asia and the Pacific (RENAP)

The Institute continued to function as Technical Coordinator Unit (TCU) of the Regional Network on Safe Pesticides Production and Information for Asia and the Pacific (RENAP) of UNDP/UNIDO on user and environment friendly pesticide formulation technology and quality assurance. The Institute also continued to provide on behalf of the Government of India the secretarial assistance and logistic support to the RENAP.



Management

1. Dr. S P Dhua, part-time Chairman.
2. Shri Shantanu Consul, Joint Secretary, Deptt. of Chemicals & Petrochemicals.
3. Joint Secretary (Plant Protection), Ministry of Agriculture, Department of Agriculture & Cooperation, Krishi Bhawan, New Delhi.
4. Financial Adviser, Ministry of Chemicals & Fertilizers.
5. Dr. K V Raghvan, Director, Indian Institute of Chemical Technology, Hyderabad.
6. Science Secretary & Head (R&D), Council of Scientific & Industrial Research.
7. Joint Secretary (In-charge) Malaria Programme in the Ministry of Health, Nirman Bhawan, New Delhi.
8. Shri Rajendra Mohan, Chairman & Managing Director, Hindustan Insecticides Limited.
9. Director Agriculture, Department of Agriculture, Govt. of Punjab, Chandigarh.
10. President, Indian Crop Protection Association.
11. Secretary (Industries), Govt. of Haryana, Chandigarh.
12. Mr. Rajju Shroff, Chairman & Managing Director, United Phosphorus Limited, Mumbai.
13. Dr. K H Gharda, Chairman & Managing Director, Gharda Chemicals Limited, Mumbai.
14. Director, IPFT and ex-Officio Member Secretary.



Accounts and Audit

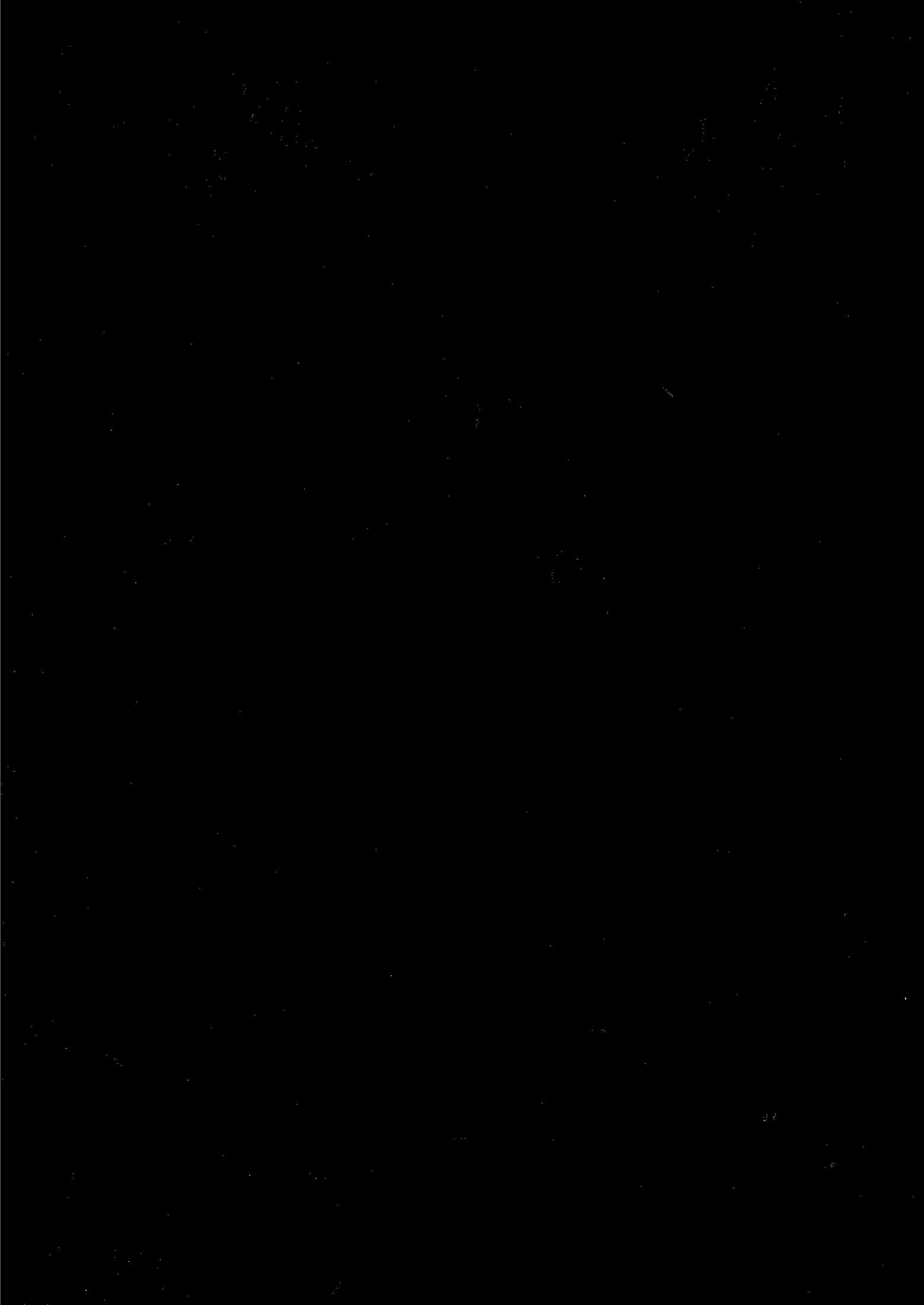


BALANCE SHEET

Figures for 1998-99			LIABILITIES		Figures for 1999-2000		
IPFT	RENPAF	Total	HEAD OF ACCOUNT		IPFT	RENPAF	Total
-	-	-	Capital Account	49440138.98			
-	-	-	Transfer of CWC Advance	348467.35			
-	-	-	Add Grant in aid	10000000.00			
-	-	-		59788606.33			
49440138.98	-	49440138.98	Less Excess of Expn. Over income	2109519.82			
			Less Interest earned on Corpus/ Membership Fund transferred to respective account	873858.00			
				2983377.82	56805228.51		56805228.51
-	-	-	Accum. Of Expn. Over Income	-401022.64			
-	-401022.64	-401022.64	Add Excess of Expn. Over Income	-47514.76		-448537.40	-448537.40
4300000.00	-	4300000.00	Corpus Fund	4300000.00			
			Add Interest Earned during the year	567333.00	4867333.00	-	4867333.00
2620000.00	-	2620000.00	Membership fund A/c.	3120000.00			
			Add Interest Earned during the year	306525.00	3426525.00	-	3426525.00
433297.54	-	433297.54	Provision for Gratuity	533165.85		-	533165.85
-	-	-	Provision for Bonus	-		-	-
1226780.85	-	1226780.85	Provision for Depreciation	1663456.35		-	1663456.35
501109.57	-	501109.57	Expenses payable	543786.57		-	543786.57
-	-	-	Grant received for Neem project	2488000.00		-	2488000.00
691440.00	-	691440.00	Amount payable to UNDP	691440.00		-	691440.00
127534.15	-	127534.15	Amount payable to HIL (HO)	155599.81		-	155599.81
2369627.85	-	2369627.85	Amount payable to HIL (R&D)	860065.75		-	860065.75
3200.00	-	3200.00	Advance received from parties	93700.00		-	93700.00
1500000.00	-	1500000.00	Advance received against CWC project	1151532.65		-	1151532.65
-	474525.94	474525.94	IPFT	-		522040.70	522040.70
500000.00	-	500000.00	Advance against project	-		-	-
118663.00	-	118663.00	Security Deposit	292283.20		-	292283.20
180000.00	-	180000.00	EMD	-		-	-
64011791.94	73503.30	64085295.24			73572116.69	73503.30	73645619.99

Sd/-
(J.P. Singh)
Head (F/A/T)

Sd/-
(Dr. D. Sengupta)
Director



AS ON 31-03-2000



Figures for 1998-99			ASSETS	Figures for 1999-2000		
IPFT	RENAP	Total	HEAD OF ACCOUNT	IPFT	RENAP	Total
FIXED ASSETS						
5928071.86	-	5928071.86	Capital Work in progress	11747303.30	-	11747303.30
2100223.00	-	2100223.00	Building	2100223.00	-	2100223.00
293899.22	-	293899.22	Plant & Machinery	293899.22	-	293899.22
-	5472.30	5472.30	Typewriter	-	5472.30	5472.30
617517.48	42691.00	660208.48	Furniture & Fixture	617517.48	42691.00	660208.48
341296.30	-	341296.30	Office Equipment	350896.30	-	350896.30
167864.25	-	167864.25	Vehicle	167864.25	-	167864.25
6412441.56	-	6412441.56	Laboratory Equipment	6810453.11	-	6810453.11
Investment						
4300000.00	-	4300000.00	Cor. Fund Inv. A/c.	4300000.00	-	4300000.00
2620000.00	-	2620000.00	Membership Fund Invst. A/c.	2620000.00	-	2620000.00
CURRENT ASSETS						
Cash & Bank						
232701.81	-	232701.81	SBI, New Delhi Current A/c.	73174.91	-	73174.91
666390.30	-	666390.30	SBI Dundahera Current A/c.	229797.25	-	229797.25
680.36	-	680.36	SBI, Dundahera A/c. 80241	13146.21	-	13146.21
415.92	-	415.92	Cash in Hand	905.93	-	905.93
38100736.00	-	38100736.00	Fixed /Term Deposit with Banks	41570941.00	-	41570941.00
ADVANCES						
10316.34	5.00	10321.34	Staff, Medical & others	3408.43	5.00	3413.43
9000.00	750.00	9750.00	Festival Advances to staff	13500.00	750.00	14250.00
5144.50	-	5144.50	LTC Advance	-	-	-
45000.00	-	45000.00	MTNL	45000.00	-	45000.00
55071.00	-	55071.00	Advance to Parties - DAVP	59860.50	-	59860.50
RECOVERABLE						
477490.00	-	477490.00	Testing charges	639222.00	-	639222.00
434110.00	-	434110.00	Interest receivable	392095.00	-	392095.00
86092.00	-	86092.00	Prepaid Expenses	98547.00	-	98547.00
632804.10	24585.00	657389.10	Other amounts recoverable	902321.10	24585.00	926906.10
474525.94	-	474525.94	RENAP	522040.70	-	522040.70
64011791.94	73503.30	64085295.24		73572116.69	73503.30	73645619.99

As per Audit Report of Even date

Sd/-
(Gulshan Jhurani)
Partner
Gulshan Vineet & Associates
Chartered Accountants



INCOME & EXPENDITURE ACCOUNT

Figures for 1998-99			EXPENDITURE	Figures for 1999-2000		
IPFT	RENPAF	TOTAL	HEAD OF ACCOUNT	IPFT	RENPAF	TOTAL
3744325.86	756752.57	4501078.43	Salary & Wages	4636595.48	816661.96	5453257.44
317493.50	59523.00	377016.50	Institute Contribution to PF	398254.50	60078.00	458332.50
17148.00	2294.00	19442.00	Admn. Charges on PF	21656.40	3093.00	24749.40
9985.14	734.00	10719.14	DLI Charges on PF	10457.00	924.00	11381.00
6345.00	-	6345.00	Bonus	16927.00	-	16927.00
28898.00	7191.50	36089.50	Staff Welfare Expenses	22828.95	4481.00	27309.95
48281.70	1152.00	49433.70	Transport Allowance	105496.27	1181.02	106677.29
97103.10	14601.50	111704.60	LTC	30897.90	-	30897.90
176330.09	21854.70	198184.79	Medical Expenditure	87282.95	16657.00	103939.95
63641.00	2573.00	66214.00	Gratuity	169355.92	-	169355.92
107063.08	44427.80	151490.88	Leave Encashment	120204.57	24228.50	144433.07
59565.22	15357.35	74922.57	Canteen Subsidy	30809.40	13599.20	44408.60
2190.00	-	2190.00	Washing Allowance	-	-	-
346743.12	33334.80	380077.92	Travelling Expenses/Conveyance	249103.15	28558.70	277661.85
31697.11	842.00	32539.11	Entertainment Expenses	25676.52	-	25676.52
36138.40	3026.00	39164.40	Miscellaneous Expenses	29099.74	2749.80	31849.54
293386.12	272.70	293658.82	Repair & Maintenance	123317.23	-	123317.23
110288.88	-	110288.88	Laboratory Expenses	78940.12	-	78940.12
208931.16	-	208931.16	Chemicals	62403.52	-	62403.52
170692.25	7229.00	177921.25	Postage, Telegram & Telephones	262954.56	7912.00	270866.56
43061.30	20331.30	63392.60	Rent, Rates & Taxes	22179.60	22179.60	44359.20
11930.00	-	11930.00	Insurance	102964.00	-	102964.00
197657.54	12912.50	210570.04	Electricity Charges Including Diesel	365262.98	11010.00	376272.98
55734.70	42926.64	98661.34	Printing & Stationary & other supply	59845.47	32664.36	92509.83
120843.10	4362.00	125205.10	Vehicle Fuel, Repair & Maintenance	99529.37	35827.62	135356.99
242333.50	-	242333.50	Security Charges	326136.00	-	326136.00
2065.00	2060.52	4125.52	Staff Training Expenses	23495.00	1500.00	24995.00
1400.75	-	1400.75	Newspaper & periodicals	4517.50	-	4517.50
4027.00	-	4027.00	Bank Charges	8371.65	25.00	8396.65
425.00	-	425.00	Cartage & Collage	-	-	-
5500.00	-	5500.00	Audit Fees	5500.00	-	5500.00
2000.00	-	2000.00	Remuneration to Auditors	3200.00	-	3200.00
197301.00	2962.00	200263.00	Depreciation	433713.50	2962.00	436675.50
233873.79	-	233873.79	Expenses on CWC	613418.05	-	613418.05
77532.00	-	77532.00	Consultancy Charges	41533.00	-	41533.00
54203.00	-	54203.00	Recruitment Expenses	66294.35	-	66294.35
62016.62	-	62016.62	Seminar & Workshop Expenses-CSIR	-	-	-
74006.00	-	74006.00	Expenses on ETP/PP	18905.35	-	18905.35
71555.00	-	71555.00	Clearance Charges	17631.00	-	17631.00
-	-	-	Advertisement & Publicity	3000.00	-	3000.00
90232.25	-	90232.25	Debit relating to earlier years	393787.50	-	393787.50
7423944.28	1056720.88	8480665.16		9091545.50	1086292.76	10177838.26

Sd/-
(J.P. Singh)
Head (F/A/T)

Sd/-
(Dr. D. Sengupta)
Director



FOR THE YEAR ENDING 31-03-2000

Figures for 1998-99			INCOME	Figures for 1999-2000		
IPFT	RENAP	TOTAL		IPFT	RENAP	TOTAL
-	500000.00	500000.00	Grant in Aid	1365000.00	500000.00	500000.00
-	-	-	Less Transferred to UNDP Trust Fund	865000.00		
-	-	-	Membership Fee Recd.	500000.00		
-	-	-	Less to be Transferred to MF Fund	500000.00	-	-
0.00	526458.00	526458.00	Received from UNDP	-	538778.00	538778.00
516790.00	-	516790.00	Testing Charges	551550.00	-	551550.00
-	-	-	Seminar & workshop	201174.38	-	201174.38
225000.00	-	225000.00	Income from Project(Formulation Lab)	1235000.00	-	1235000.00
-	-	-	Income from Project(Bio-sciences)	302000.00	-	302000.00
602159.00	-	602159.00	Job work (PP)	405500.00	-	405500.00
990684.91	-	990684.91	Intrests on Deposits	3332909.30	-	3332909.30
610936.50	-	610936.50	Income from Corpus Fund	567333.00	-	567333.00
294111.00	-	294111.00	Income from MF Invst. A/c.	304021.00	-	304021.00
2755.00	-	2755.00	Income from AMF Fund	2504.00	-	2504.00
98381.00	-	98381.00	Misc. Income/receipt	4804.00	-	4804.00
216.00	-	216.00	Hire & Rent	-	-	-
258000.00	-	258000.00	Sale of Tender	45000.00	-	45000.00
90890.00	-	90890.00	Credit relating to earlier years	30230.00	-	30230.00

3734020.87	30262.88	3764283.75	Excess of Expenditure over income	2109519.82	47514.76	2157034.58
			Carried forward to Balance Sheet			

7423944.28	1056720.88	8480665.16		9091545.50	1086292.76	10177838.26
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As per Audit Report of Even date

Sd/-
(Gulshan Jhurani)
Partner
Gulshan Vineet & Associates
Chartered Accountants



SCHEDULE OF FIXED ASSETS

Particulars	Gross Block at cost			
	Cost as at 1/4/99	Additions During the Year	Transfer During the year	Total Cost as at 31.3.2000
IPFT				
Capital Work in Progress	5928071.86	5819231.44	-	11747303.30
Office Equipment	341296.30	9600.00	-	350896.30
Plant & Machinery	293899.22	-	-	293899.22
Furniture & Fixtures	617517.48	-	-	617517.48
Laboratory Equipment	6412441.56	398011.55	-	6810453.11
Building	2100223.00	-	-	2100223.00
Vehicle	167864.25	-	-	167864.25
	15861313.67	6226842.99		22088156.66
RENPAP				
Furniture & Fixtures	42691.00	-	-	42691.00
Typewriter	5472.30	-	-	5472.30
	48163.30			48163.30



AS ON 31-03-2000

Rate of Depreciation %	Upto 31-03-99	Depreciation			Net Block	
		During the Year 99-2000	Written Back during the year	Total Dep. Upto 31.3.2000	As at 31.03.2000	As at 31.03.99
-	-	-	-	-	11747303.30	5928071.86
4.75%	67827.13	16439.50	-	84266.63	266629.67	273469.17
4.75%	96884.50	13960.00	-	110844.50	183054.72	197014.72
6.33%	85637.75	39089.00	-	124726.75	492790.73	531879.73
4.75%	371574.52	314044.00	-	685618.52	6124834.59	6040867.04
1.63%	558520.03	34234.00	-	592754.03	1507468.97	1541702.97
9.50%	29236.00	15947.00	-	45183.00	122681.25	138628.25
	1209679.93	433713.50		1643393.43	20444763.23	14651633.74
6.33%	13747.92	2702.00	-	16449.92	26241.08	28943.08
4.75%	3353.00	260.00	-	3613.00	1859.30	2119.30
	17100.92	2962.00		20062.92	28100.38	31062.38



**DETAILS OF INVESTMENT OF CORPUS FUND LIFE MEMBERSHIP FUND
AND ASSOCIATE MEMBERSHIP FUND AS ON 31.3.2000**

Deposit With	FDR No.	Date	Amount	Interest	Due on
CORPUS FUND					
SAIL, NEW DELHI	3106986	29/3/97	600000.00	15%	*29.3.2000
SAIL, NEW DELHI	3107308	6/4/97	1100000.00	15%	6.4.2000
NTPC, NEW DELHI	98400672	7/4/97	1600000.00	14%	6.4.2000
BOB, GURGAON	663519	19/3/99	1000000.00	11%	19.3.2002
			<u>4300000.00</u>		

* Subsequently re-invested with Dena Bank in 2000-2001

LIFE MEMBERSHIP FUND

SBI, Gurgaon	582297	28/5/99	300000.00	10.5%	28.5.2002
SAIL, NEW DELHI	320106	21/9/97	700000.00	13.50%	21.9.2000
NTPC, New Delhi	98400807	22/9/97	800000.00	14%	21.9.2000
SBI, Gurgaon	582323	10/6/99	300000.00	10.5%	10.6.2002
SBI Gurgaon	581947	16/1/99	500000.00	11.5%	16.1.2002
			<u>2600000.00</u>		

ASSOCIATE MEMBERSHIP FUND

NTPC, New Delhi	98400807	22/9/97	10000.00	14%	21.9.2000
NTPC, New Delhi	98315664	16/3/98	10000.00	11%	15.3.2001
			<u>20000.00</u>		

DETAILS OF LIFE MEMBERSHIP FUND ACCOUNT AS ON 31.3.2000



Date of Receipt	Name of the Organisation	Amount (Rs.)
9.2.94	M/s United Phosphorus Limited, Bombay	1500000.00
6.5.96	M/s Gharda Chemicals Limited, Bombay	600000.00
11.1.99	M/s E.I.D. Perry India Limited, Madras	500000.00
31.3.2000	M/s Excel Industries, Bombay	500000.00
		<u>3100000.00</u>

DETAILS OF ASSOCIATE MEMBERSHIP FUND ACCOUNT AS ON 31.3.2000

Date of Receipt	Name of the Organisation	Amount (Rs.)
25.8.94	M/s Agrosynth Chemicals, Bangalore	10000.00
28.2.95	M/s Pest Control of India Limited	10000.00
		<u>20000.00</u>



DETAILS OF DEBIT RELATING TO EARLIER YEARS

PARTICULARS	Amount (Rs.)
Purchase of Chemicals	17992.00
Entertainment Expenses	1500.00
Travelling Expenses	2555.50
CWC Expenses	10500.00
Printing & Stationary	4240.00
Consultancy fee paid to Architect for Renovation of Building	357000.00
	<u>393787.50</u>

DETAILS OF CREDIT RELATING TO EARLIER YEARS

PARTICULARS	Amount (Rs.)
Re-imburement of Expenses by Ministry	9210.00
Interest Income	21020.00
	30230.00





NOTES ON ACCOUNTS FOR THE YEAR ENDING 31.03.2000

1. Out of grant of Rs. 15 lakhs available for upgradation of Analytical laboratory for CWC, assets valuing Rs. 348467.35 have been purchased during the year.
2. a. Assets valuing Rs. 55638.44 transferred by HIL (R&D) during 1997-98 have not been accounted for in the books due to non-handing over/taking over of the same.
b. Physical verification of Assets transferred by HIL (R&D) amounting to Rs. 54590.00 during 1995-96 is still pending due to non-availability of the details.
3. Claim submitted M/s Jeet Enterprises on account of final payment on hostel building is pending for verification. However, provision of Rs. 487710.00 has been made and charged to capital work in progress.
4. The provision for gratuity for IPFT employees has not been made on actuarial basis.
5. Previous year figure have been regrouped wherever necessary.



AUDITOR'S REPORT
TO THE MEMBERS OF INSTITUTE OF
PESTICIDE FORMULATION TECHNOLOGY

We have audited the attached Balance Sheet of Institute of Pesticide Formulation Technology, as at 31st March, 2000 and the Income & Expenditure Accounts for the year ended on that date, annexed thereto and report that :-

1. Building expenses amounting to Rs. 21,00,223/- incurred by PDC prior to inception of IPFT has been capitalised. However, building expenses incurred by IPFT amounting to Rs. 56,22,198.40 up to 31st March, 2000 have been classified as Capital Work in Progress, pending receipt of completion certificate.
2. The land on which the Hostel Building has been constructed, belongs to Hindustan Insecticides Limited. No lease agreement of the same in favour of Institute of Pesticide Formulation Technology, Gurgaon, has been executed. The legal implications of transfer of the building have not been ascertained and no provision for any liability on this account has been created.
3. As a result of change in the accounting policy, the interest earned on Corpus Fund/Membership Fund during the year has been credited to the respective accounts.

Subject to the forgoing and in our opinion and to the best of our information and according to the explanations given to us the said Balance Sheet and Income and Expenditure Statement read together present a true and fair view.

- I In the case of Balance Sheet of the Statement of Society's affairs as at 31.3.2000.
- II In the case of Income and Expenditure Statement of the excess of Expenditure over Income of the Society for the year ended on 31.3.2000.

FOR GULSHAN VINEET & ASSOCIATES
CHARTERED ACCOUNTANTS

Place : New Delhi
Date : 11th October, 2000

Sd/-
Gulshan Jhurani
Partner



Audit Point

Reply

1. Building Expenses amounting to Rs. 21,00,223.00 incurred by PDC prior to inception of IPFT has been capitalised. However, building expenses incurred by IPFT amounting to Rs. 56,22,198.40 up to 31st March, 2000 has been classified as Capital Work in Progress, pending receipt of completion certificate.

The HUDA Authorities have been approached for the transfer of land in the name of IPFT on which the Hostel Building has been constructed. The transfer of the land in favour of Institute of Pesticide Formulation Technology, Gurgaon is being pursued with HUDA along with HIL. As soon as the permission is obtained, the completion certificate would be available and building will be capitalised.
2. The land on which the Hostel Building has been constructed belongs to Hindustan Insecticides Ltd. No lease agreement of the same in favour of Institute of Pesticide Formulation Technology, Gurgaon has been executed. The legal implications of transfer of the building have not been ascertained and no provision for any liability on this Account has been created.

HIL has confirmed demarcation of 17 acre of the land in the drawing which includes, the land on which Hostel Building has been constructed. HIL has already written to HUDA authorities in Gurgaon for transfer of the title of the land in the name of Institute of Pesticide Formulation Technology, and the matter is being pursued with the HUDA Authorities.