

# Appendices



**(A) DEPARTMENT OF AGRICULTURAL RESEARCH AND EDUCATION**

**APPENDIX I**

**THE GOVERNMENT OF INDIA (ALLOCATION OF BUSINESS) RULES  
THE SECOND SCHEDULE  
(RULE 3)**

- (A) Distribution of Subjects in the Department (Vibhag),  
Ministry of Agriculture (Krishi Mantralaya)**
- (B) Department of Agricultural Research and Education  
(Krishi Anusandhan aur Shiksha Vibhag)**

**Part I**

The following subjects which fall within List I of the Seventh Schedule to the Constitution of India.

1. International co-operation in the field of agricultural research and education including relations with foreign and international agricultural research and educational institutions and organizations, including participation in international conferences, associations and other bodies dealing with agricultural research and education and follow-up of decisions at such international conferences, etc.
2. Fundamental, applied and operational research and higher education including co-ordination of such research and higher education in agriculture including agroforestry, animal husbandry, dairying and fisheries, including agricultural statistics, economics and marketing.
3. Co-ordination and determination of standards in institutions for higher education or research and scientific and technical institutions insofar as it relates to food and agriculture including animal husbandry, dairying and fisheries.
4. Cesses for financing to the Indian Council of Agricultural Research, and the Commodity Research programmes other than those relating to tea, coffee and rubber.
5. Sugarcane research.

**Part II**

For Union Territories the subjects mentioned in Part I above so far as they exist in regard to these territories and in addition the following subject which falls within List II of the Seventh Schedule of the Constitution of India.

6. Agricultural Education and Research.

**Part III**

General and consequential:

7. All matters relating to foreign aid received from foreign countries and International Organizations insofar as agricultural research and education and allied subjects are concerned, including all matters relating to assistance afforded by India to foreign countries in the field of agricultural research and education and allied subjects.
8. Plant introduction and exploration.
9. All-India Soil and Land-Use Survey relating to research, training, correlation, classification, soil mapping and interpretation.
10. Financial assistance to state governments and agricultural universities in respect of agricultural research and educational schemes and programmes.
11. National Demonstrations.
12. Indian Council of Agricultural Research and its constituent research institutes, stations, laboratories and centres.
13. Offences against laws with respect to any of the subjects allotted to this department.
14. Enquiries and statistics for the purpose of any of the subjects allotted to this department.
15. Fees in respect of any of the subjects allotted to this Department except fees taken in a court.

## APPENDIX II

### Total Number of Posts and Names of Important Functionaries

Group	Designation	Scale of pay (in rupees)	Santioned strength
A	Secretary	26,000 (Fixed)	1
A	Additional Secretary (DARE)/Secretary, ICAR	18,400 – 24,400	1
A	Financial Adviser and Additional Secretary	18,400 – 22,400	1
A	Director	14,300 – 18,300	1
A	Senior Principal Private Secretary	12,000 – 16,500	1
A	Under Secretary	10,000 – 15,200	5
A	Principal Private Secretary	10,000 – 15,200	1
B	Assistant Director (Official Language)	7,500 – 12,000	1
B	Private Secretary	6,500 – 10,500	1
B	Section Officer	6,500 – 10,500	3
B	Assistant	5,500 – 9,000	4
B	Personal Assistant	5,500 – 9,000	4
C	Junior Hindi Translator	5,500 – 9,000	1
C	UDC-cum-Cashier	4,000 – 6,000	1
C	UDC	4,000 – 6,000	2
C	Steno Grade 'D'	4,000 – 6,000	5
C	UDC-Hindi Typist	4,000 – 6,000	1
C	Staff Car Driver	4,000 – 6,000	1
C	LDC	3,050 – 4,590	3
D	Daftary	2,550 – 3,540	1
D	Peon	2,440 – 3,200	5
Total			44

### Names of the Important Functionaries

S.No.	Name	Designation
1.	Dr Mangala Rai	Secretary, DARE/DG, ICAR
2.	Ms Shashi Misra	Additional Secretary, DARE/Secretary, ICAR
3.	Mr Gautam Basu	Additional Secretary/Financial Adviser, DARE
4.	Dr K N Kumar	Director, DARE up to 30.9.2003
5.	Mr R S Bhandari	Senior Principal Private Secretary
6.	Mr G Chandra Sekhar	Under-Secretary
7.	Mr Vijay Kumar	Under-Secretary
8.	Ms Vandana Sharma	Under-Secretary
9.	Mr B J Bhattacharya	Under-Secretary
10.	Mr Madan Lal	Under-Secretary
11.	Mr D K Chhatwal	Under-Secretary
12.	Ms Geeta Nair	PPS

### APPENDIX III

#### ACTIVITY PROGRAMME CLASSIFICATION

The Budget Estimates (BE) and Revised Estimates (RE) of DARE and ICAR (Plan, Non-Plan) for 2002–2003 are Rs 1,498.80 crores and Rs 1,448.80 crores respectively and BE for 2003–2004 (Plan and Non-Plan) is Rs 1,510.92 crores. The detailed break-up of these financial figures are given below in Tables 1 and 2.

Department of Agricultural Research and Education (DARE): The details in respect of BE and RE for 2002–2003 and BE for 2003–2004 are given in Table 1. This excludes the payment to the ICAR.

**Table 1 Budget estimates and revised estimates of DARE and ICAR**

(Rupees in lakhs)

Item	Budget Estimates 2002–2003		Revised Estimates 2002–2003		Budget Estimates 2003–2004	
	Plan	Non-Plan	Plan	Non-Plan	Plan	Non-Plan
Major Head '3451'						
090 Secretariat						
Major Head '2415'	–	105	–	105	–	120
80 -General						
International Co-operation						
(010032) -India's membership contribution to Commonwealth Agricultural Bureau	–	10	–	10	–	10
(020002) -India's membership contribution to Consultative Group on International Agricultural Research	–	343	–	343	–	358
(030032) -Other Programmes	50	–	50	–	50	–
(040032) -India's contribution to Asia Pacific Association of Agricultural Institutions	–	5	–	5	–	5
(050032) -India's contribution to NACA	–	10	–	10	–	12
(060032) -India's contribution to CGPRT	–	5	–	5	–	5
(070032) -India's contribution to Seed Seed Testing Association	–	1.5	–	1.5	–	1.5
(080032) -ISHS Belgium	–	0.50	–	5.0	–	1.5

**Table 2 Details of Financial Outlay**

**Demand No. 2. Department of Agricultural Research and Education**

(Rupees in crores)

	Major Head	2002-2003 Budget			2002-2003 Revised			2003-2004 Budget		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
A. Budget Allocation, net of recoveries										
Revenue		775.00	723.80	1,498.20	725.00	723.80	1,448.80	775.00	735.92	1,510.92
Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		775.00	723.80	1,498.80	725.00	723.80	1,480.50	775.00	723.92	1,510.92
1. Secretariat - Economic Service	3451	0.00	1.05	1.05	0.00	1.05	1.05	0.00	1.20	1.20
Agricultural Research and Education										
2. Crop Husbandry										
2.1 Payments of net proceeds of cess under Agricultural Produce Cess Act, 1940	2415	0.00	40.00	40.00	0.00	40.00	40.00	0.00	40.00	40.00
2.2 Other Programmes of Crop Husbandry	2415	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.2.01 Crop Sciences	2415	125.50	163.50	289.00	124.10	163.50	287.50	127.00	166.00	293.00
2.2.02 Horticulture	2415	58.30	64.10	122.40	53.00	64.10	117.10	57.00	64.50	121.50
2.2.03 Agricultural Extension	2415	94.30	00.00	94.30	88.00	0.00	88.00	90.90	0.50	91.40
2.2.04 Agricultural Education	2415	72.00	4.00	76.00	65.60	4.00	69.60	71.00	4.10	75.10
2.2.05 Economics, Statistics and Management	2415	3.00	12.15	15.15	2.50	12.15	14.65	2.50	11.50	14.00
2.2.06 Agricultural Engg.	2415	21.20	21.00	42.20	19.20	21.00	40.20	21.00	22.00	43.00
2.2.07 ICAR Hq Admn. including ASRB and DIPA	2415	19.50	185.25	204.75	4.50	185.25	189.75	5.00	175.00	180.00
2.2.08 National Agril. Technology Project	2415	151.05	0.00	151.50	147.50	0.00	147.50	165.60	0.00	165.00
2.2.11 Indo-French Proj. on Seabass Breedings and Culture	2415	0.50	0.00	0.50	0.50	0.00	0.50	1.00	0.00	1.00
Total other Programme of Crop Husbandry		545.80	450.00	995.80	504.80	450.00	954.80	541.00	443.60	984.60
Total Crop Husbandry		545.80	490.00	1,035.80	504.80	490.00	994.80	541.00	483.60	1024.60
3. Soil and Water Conservation										
3.1 Soil and Water Conservation Institutes	2415	3.25	10.50	13.75	3.25	10.50	13.75	3.50	10.50	14.00
3.2 Other NRM Instts. including Agroforestry Research	2415	57.25	57.50	114.75	56.25	57.50	113.75	57.50	74.20	113.70
Total- Soil & Water Conservation		60.50	68.00	128.50	59.50	68.00	127.50	61.00	84.70	145.70
4. Animal Husbandry	2415	65.50	108.50	174.00	61.50	108.50	170.00	67.00	109.50	176.50
5. Dairy Development	2415	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Fisheries	2415	25.20	52.50	77.70	26.20	52.50	78.70	28.00	53.00	81.00
7. Forestry	2415	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. Lump-sum provision for Projects/ Schemes for the benefit of North-Eastern Region and Sikkim	2552	54.50	0.00	54.50	39.50	0.00	39.50	*77.50	0.00	77.50
Total		54.50	0.00	54.50	39.50	0.00	39.50	*77.50	0.00	77.50
Total-Payments to ICAR		751.50	719.00	1,470.50	691.50	719.00	1,410.50	774.50	730.80	1,505.30
9. Contribution to Commonwealth Agricultural Bureau, Consultative Group on International Agricultural Research and Association of Asia Pacific Agricultural Research Institutes	2415	0.50	3.75	4.25	0.50	3.75	4.25	0.50	3.92	4.42
10. Assistance to Central Agricultural University, Imphal	2415	23.00	0.00	23.00	33.00	0.00	33.00	**0.00	0.00	0.00
Total-Agricultural Research and Education		775.00	722.75	1,497.75	725.00	722.75	1,447.75	775.00	734.72	1,509.72
Grand Total		775.00	723.80	1,498.80	725.00	723.80	1,448.80	775.00	735.92	1,510.92

	Major Head	2002-2003 Budget			2002-2003 Revised			2003-2004 Budget		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
	Head of Div.	Budget support	IEBR	Total	Budget support	IEBR	Total	Budget support	IEBR	Total
B. Plan Outlay										
1. Agricultural Research Education	12415	775.00	0.00	775.00	725.00	0.00	725.00	775.00	0.00	775.00
C. Major Head-wise Total										
		775.00	723.80	1,498.80	725.00	723.80	1,448.80	775.00	735.92	1,510.92
	2415	720.50	722.75	1,443.25	685.80	722.75	1,408.25	697.50	734.72	1,432.22
	3451	0.00	1.05	1.05	0.00	1.05	1.05	0.00	1.20	1.20
	2552	54.50	0.00	54.50	39.50	0.00	39.50	77.50	0.00	77.50

\* Including Rs 25 crores for assistance to CAO, Imphal to be reappropriated under 'Major Head 2415' later on with the approval of the competent authority.

\*\*Rs 25 crores to be provided and reappropriated later on with the approval of competent authority from 'Major Head 2552' of Rs 77.50 crores, i.e. 10% allocation from the total provision of Rs 775 crores under Plan in the BE 2003-2004.

## (B) INDIAN COUNCIL OF AGRICULTURAL RESEARCH

### APPENDIX 1

#### INDIAN COUNCIL OF AGRICULTURAL RESEARCH SOCIETY

The Society shall have the following *Ex-Officio* Members:

(i) *Minister-in-charge of the portfolio of Agriculture in the Union Cabinet, President of the Society*

1. Mr Rajnath Singh  
Minister of Agriculture  
Government of India, Krishi Bhavan  
New Delhi 110 001
- (ii) *Minister of State in the Union Ministry of Agriculture, dealing with the ICAR, Vice-President*
2. Minister of State for AHD&DARE  
Government of India, Krishi Bhavan  
New Delhi 110 001
- (iii) *Union Ministers holding charge of Finance, Planning, Science and Technology, Education and Commerce (in case the Prime Minister is holding any of these portfolios, the Minister of State in the Ministry/ Department concerned)*
3. Mr Jaswant Singh  
Minister of Finance, Government of India  
New Delhi 110 001
4. Mr Satyabrata Mookerjee  
Minister of State for Planning  
Yojana Bhawan, Government of India  
New Delhi 110 001
- 5,6 Dr Murlī Manohar Joshi  
Minister of Science & Technology, and  
Human Resource Development  
Government of India, Shastri Bhawan  
New Delhi 110 001
7. Mr Arun Jaitley  
Minister of Commerce, Government of India  
Udyog Bhawan, New Delhi 110 001
- (iv) *Other Ministers in the Union Ministry of Agriculture*
8. Mr Hukumdeo Narayan Yadav  
Minister of State for Agriculture  
Government of India, Krishi Bhavan,  
New Delhi 110 001
- (v) *Ministers in the States/Incharge of Agriculture/Animal Husbandry/Fisheries*

#### **Andhra Pradesh**

9. Mr V S Rao  
Minister for Agriculture  
Government of Andhra Pradesh  
Hyderabad (Andhra Pradesh) 500 022
10. Mr N Kishtappa  
Minister of Animal Husbandry  
Government of Andhra Pradesh  
Hyderabad  
(Andhra Pradesh) 500 022
11. Mr N Narsimha Rao  
Minister of Fisheries  
Government of Andhra Pradesh  
Hyderabad 500 022

12. Mr P Narayana Swamy Naidu  
Minister for Horticulture  
Government of Andhra Pradesh  
Hyderabad 500 022

#### **Arunachal Pradesh**

13. Mr Tako Dabi  
Minister for Agriculture  
Government of Arunachal Pradesh  
Itanagar (Arunachal Pradesh) 791 111
14. Mr C L Singhpho  
Minister for Animal Husbandry and Dairy  
Development  
Government of Arunachal Pradesh  
Itanagar (Arunachal Pradesh) 791 111
15. Mr Lichi Legi  
Minister of Fisheries  
Government of Arunachal Pradesh  
Itanagar 791111
16. Mr Lijum Rohya  
Minister for Horticulture  
Government of Arunachal Pradesh  
Itanagar 791 111

#### **Assam**

17. Dr A K Dey  
Minister for Agriculture, Government of Assam  
Janta Bhavan, Guwahati (Assam) 781 006
18. Mr G C Langthasa  
Minister for Veterinary and Animal Husbandry  
Government of Assam, Janta Bhavan  
Guwahati (Assam) 781 006
19. Mr Etuwa Munda  
Minister for Fisheries, WPT&C and  
Parliamentary Affairs  
Government of Assam, Janta Bhavan  
Guwahati (Assam) 781 006

#### **Bihar**

20. Mr Gulam Sarwar  
Minister for Agriculture  
Government of Bihar  
Patna (Bihar) 800 015
21. Dr Mohd. Jawed  
Minister for Animal Husbandry and Fisheries  
Government of Bihar  
Patna (Bihar) 800 015
22. Mr Chedi Paswan  
Minister for Horticulture  
Government of Bihar  
Patna (Bihar) 800 015

#### **Chhatisgarh**

23. Minister for Agriculture, Animal Husbandry &  
Fisheries  
Government of Chhatisgarh  
Raipur (Chhatisgarh)

24. Minister for Horticulture  
Government of Chhatisgarh  
Raipur (Chhatisgarh)

#### **Delhi**

25. Minister for Agriculture Development and Food  
Animal Husbandry & Fisheries  
National Capital Territory of Delhi, Delhi

#### **Goa**

26. Mr Dayanand Rayu Mandrekar  
Minister for Agriculture and Horticulture  
Government of Goa, Panaji (Goa) 403 001

#### **Gujarat**

27. Mr Bhupendrasinh M Chudasama  
Minister for Agriculture and Horticulture  
Government of Gujarat  
Gandhinagar, (Gujarat) 382 010
28. Mr Dalip Thakur  
Minister of State for Animal Husbandry and Fisheries  
Government of Gujarat,  
Gandhinagar, (Gujarat) 382 010

#### **Haryana**

29. Mr Jaswinder Singh Sandhu  
Minister for Agriculture & Horticulture  
Government of Haryana  
Chandigarh (Haryana) 160 001
30. Mr Mohammed Ilyas  
Minister for Animal Husbandry and Fisheries  
Government of Haryana  
Chandigarh (Haryana) 160 001

#### **Himachal Pradesh**

31. Mr Virbhadra Singh  
Chief Minister holding Charge of Horticulture  
Government of Himachal Pradesh  
Shimla 171 002
32. Mr Raj Krishan Gaur  
Minister for Agriculture  
Government of Himachal Pradesh  
Shimla (Himachal Pradesh) 171 001
33. Mr Harsh Mahajan  
Minister of State for Animal Husbandry and Fisheries  
Government of Himachal Pradesh  
Shimla 171 002

#### **Jammu and Kashmir**

34. Mr Abdul Aziz Zargar  
Minister for Agriculture, Animal Husbandry,  
Horticulture and Cooperation  
Government of Jammu and Kashmir  
Srinagar (Jammu and Kashmir) 190 001
35. Mr Ghulam Mohi-ud-din  
Minister of Fisheries  
Government of Jammu & Kashmir  
Srinagar (Jammu & Kashmir) 190 005

#### **Jharkhand**

36. Mr Arjun Munda  
Chief Minister holding charge of Animal Husbandry,  
Horticulture and Fisheries  
Government of Jharkhand, Ranchi (Jharkhand) 843 001

37. Mr Devidhan Besra  
Minister for Agriculture  
Government of Jharkhand  
Ranchi (Jharkhand) 843 001

#### **Karnataka**

38. Mr V S Koujalgi  
Minister for Agriculture  
Government of Karnataka  
Bangalore (Karnataka) 560 001
39. Mr M Mahadeva  
Minister for Animal Husbandry  
Government of Karnataka  
Bangalore (Karnataka) 560 001
40. Mr M Shivanna  
Minister for Horticulture  
Government of Karnataka  
Bangalore (Karnataka) 560 001
41. Mr Vasant V Saliana  
Minister of Fisheries  
Government of Karnataka  
Bangalore (Karnataka) 560 001

#### **Kerala**

42. Ms K R Gouri Amma  
Minister for Agriculture & Coir including Animal  
Husbandry and Horticulture  
Government of Kerala  
Thriuvananthapuram (Kerala) 695 001
43. Prof K V Thomas  
Minister of Fisheries  
Government of Kerala  
Thiruvananthapuram (Kerala) 695 001

#### **Madhya Pradesh**

44. Minister for Agriculture  
Government of Madhya Pradesh  
Bhopal (Madhya Pradesh) 423 006
45. Minister for Fisheries  
Government of Madhya Pradesh  
Bhopal (Madhya Pradesh) 423 006
46. Minister for Animal Husbandry  
Government of Madhya Pradesh  
Bhopal (Madhya Pradesh) 423 006

#### **Maharashtra**

47. Mr Govindrao Adik  
Minister for Agriculture  
Government of Maharashtra  
Mumbai (Maharashtra) 400 032
48. Mr Anand Rao Deokate  
Minister for Fisheries and Dairy Development  
Government of Maharashtra  
Mumbai 499 932
49. Dr Dashrath Bhande  
Minister for Animal Husbandry  
Government of Maharashtra  
Mumbai (Maharashtra) 400 032
50. Mr Ajit Pawar  
Minister for Horticulture and Irrigation  
Government of Maharashtra  
Mumbai (Maharashtra) 400 032

## Manipur

51. Mr K Ranjit Singh  
Minister of Agriculture  
Government of Manipur  
Imphal (Manipur) 795 001
52. Mr Thangso Baite  
Minister for Animal Husbandry  
Government of Manipur  
Imphal (Manipur) 795 001
53. Dr M D Maniruddin Shaikh  
Minister for Fisheries  
Government of Manipur  
Imphal (Manipur) 795 001
54. Mr R K Thekho  
Minister for Horticulture  
Government of Manipur  
Imphal (Manipur) 795 001

## Meghalaya

55. Mr P M Syiem  
Minister for Agriculture and Horticulture  
Government of Meghalaya  
Meghalaya Secretariat  
Shillong (Meghalaya) 793 001
56. Dr D P langjuh  
Minister for Animal Husbandry, Veterinary and Soil  
Conservation  
Government of Meghalaya, Meghalaya Secretariat (C)  
Shillong (Meghalaya) 793 001
57. Mr S Sangma  
Minister for Fisheries  
Meghalaya Secretariat (e)  
Shillong (Meghalaya) 793 001

## Mizoram

58. Minister for Agriculture and Horticulture  
Government of Mizoram  
Aizwal (Mizoram) 796 021
59. Minister for Animal Husbandry  
Government of Mizoram  
Aizwal (Mizoram) 796 001
60. Minister for Fisheries  
Government of Mizoram  
Aizwal (Mizoram) 796 001

## Nagaland

61. Mr Huska  
Minister for Agriculture  
Government of Nagaland  
Kohima (Nagaland) 797 001
62. Mr Nyeiwang Koryak  
Minister for Animal Husbandry  
Government of Nagaland  
Kohima (Nagaland) 797 001
63. Mr Chenlom Phom  
Minister for Fisheries, Government of Nagaland  
Kohima (Nagaland) 797 002
64. Mr Jongshilemba  
Minister for Horticulture  
Government of Nagaland  
Kohima (Nagaland) 797 001

## Orissa

65. Mr Navin Patnaik  
Chief Minister holding the charge of Agriculture  
and Horticulture  
Government of Orissa  
Bhubaneswar (Orissa) 751 001
66. Ms Droupadi Murmu  
Minister for Animal Resources Development and Fisheries  
Government of Orissa  
Bhubaneswar (Orissa) 751 001

## Pondicherry

67. Mr A Namassivayam  
Minister for Agriculture, Horticulture, Animal  
Husbandry and Fisheries  
Government of Pondicherry  
Pondicherry 605 001

## Punjab

68. Mr Jagmohan Singh Kang  
Minister of Animal Husbandry, Fisheries  
and Dairy Development  
Government of Punjab  
Chandigarh (Punjab) 160 001
69. Ms Rajinder Kaur Bhattal  
Minister for Agriculture  
Government of Punjab  
Chandigarh (Punjab) 160 001
70. Dr Mahinder Kumar Rinwa  
Minister for Horticulture  
Government of Punjab  
Chandigarh (Punjab)

## Rajasthan

71. Minister of State for Agriculture and Ground Water  
Government of Rajasthan  
Jaipur (Rajasthan) 302 005
72. Minister for Livestock and Dairy Development  
Government of Rajasthan  
Jaipur (Rajasthan) 302 005
73. Minister for Fisheries  
Government of Rajasthan  
Jaipur (Rajasthan) 302 005

## Sikkim

74. Mr G M Gurung  
Minister for Agriculture, Horticulture, Irrigation and  
Flood Control  
Government of Sikkim  
Secretariat, Gangtok (Sikkim) 737 101
75. Mr P S Tamang  
Minister for Animal Husbandry  
Government of Sikkim  
Secretariat, Gangtok (Sikkim) 737 001
76. Mr D T Lepcha  
Minister of Fisheries  
Government of Sikkim  
Gangtok (Sikkim) 737 001

## Tamil Nadu

77. Mr R Jeevanathan  
Minister for Agriculture  
Government of Tamil Nadu  
Chennai, (Tamil Nadu) 600 009

78. Mr M Radhakrishnan  
Minister for Fisheries  
Government of Tamil Nadu  
Chennai (Tamil Nadu) 600 009
79. Mr Damodharam  
Minister for Animal Husbandry  
Government of Tamil Nadu  
Chennai (Tamil Nadu) 660 009
80. Minister of Horticulture  
Government of Tamil Nadu  
Chennai (Tamil Nadu) 600 009

#### Tripura

81. Mr Tapan Chakravorty  
Minister for Agriculture and Horticulture  
Civil Secretariat, Government of Tripura  
Agartala (Tripura) 799 001
82. Mr Narayan Rupini  
Minister for Animal Resources and Development  
Government of Tripura  
Agartala (Tripura) 799 001
83. Mr Sukumar Barman  
Minister for Fisheries and Transport  
Government of Tripura  
Agartala (Tripura) 799 001

#### Uttaranchal

84. Mr Mahinder Singh Mahra  
Minister for Agriculture  
Government of Uttaranchal  
Dehradun (Uttaranchal)
85. Mr Govind Singh Kunjwal  
Minister for Horticulture  
Government of Uttaranchal  
Dehradun (Uttaranchal)
86. Mantri Prasad Naithani  
Minister for Co-operative, Fisheries, Milk,  
Animal Husbandry  
Government of Uttaranchal  
Dehradun (Uttaranchal)

#### Uttar Pradesh

87. Mr Hukam Singh  
Minister for Agriculture  
Government of Uttar Pradesh  
Lucknow (Uttar Pradesh) 226 001
88. Dr Laxmi Kant Bajpayee  
Minister for Animal Husbandry  
Government of Uttar Pradesh  
Lucknow (Uttar Pradesh) 226 001
89. Mr Raj Kishore Singh  
Minister for Horticulture  
Government of Uttar Pradesh  
Lucknow (Uttar Pradesh) 226 001
90. Mr Shankh Lal Manji  
Minister of Fisheries  
Government of Uttar Pradesh  
Lucknow (Uttar Pradesh) 226 001

#### West Bengal

91. Mr Kamal Guha  
Minister for Agriculture  
Government of West Bengal Writers' Building  
Calcutta (West Bengal) 700 001

92. Mr Anisur Rahman  
Minister for Animal Resources Development  
Government of West Bengal  
Calcutta, (West Bengal) 700 001
93. Mr Kironmoy Nanda  
Minister for Fisheries & Aquatic Resources  
and Fishing Harbours  
Government of West Bengal  
Calcutta (West Bengal) 700 001
94. Mr Sailen Sarkar  
Minister for Horticulture and  
Food Processing Industries  
Government of West Bengal  
Writers Building  
Calcutta (West Bengal) 700 001
- (vi) *Member of Planning Commission, Incharge of  
Agriculture*
95. Mr Som Pal  
Member (Agriculture), Planning Commission  
Yojana Bhavan,  
New Delhi
- (vii) *Six members of Parliament (Four elected by  
Lok Sabha and two elected by Rajya Sabha)*
96. Mr Oscar Fernandes 2.4.2004  
Member of Parliament (RS)  
Doris Rest Haven, Ambalpadi  
Post Brahmagiri  
Udupi, Karnataka and  
C-1/12, Humayun Road  
New Delhi 110 001
97. Mr S S Ahluwalia 2.4.2004  
Member of Parliament (RS)  
Boring Canal Road  
Ward No. 4  
P S Shri Krishna Puri  
P.O. G.P.O., Patna  
Patna (Bihar), and  
10, Gurudwara Rakab Ganj Road  
New Delhi 110 001
98. Mr Ashok Argal Till the expiry of  
Member of Parliament (Lok Sabha) Lok Sabha term  
Duttpara, Murena  
Madhya Pradesh 476 001 and  
124-126, North Avenue  
New Delhi 110 001
99. Mr Padmanava Behera -do-  
Member of Parliament (Lok Sabha)  
Bilupader, P O Nuepader  
Via Phiringic, Distt. Kondhmal (Orissa) and  
23, Feroz Shah Road  
New Delhi 110 001
- 100 Mr Uttamrao Patil -do-  
Member of Parliament (Lok Sabha)  
11 Mahabali Layout Wadgon  
Yavatmal (Maharashtra), and  
No.3, Mahadev Road  
New Delhi
- 101 Tarlochan Singh Tur -do-  
Member of Parliament (Lok Sabha)  
Village & P.O. Tur, Teh. Khandoor Sahib  
Distt. Amritsar, Punjab and  
14-B-Feroze Shah Road, New Delhi 110 001

- (viii) *Director-General, ICAR*  
102. Dr Mangala Rai  
Director-General, ICAR  
Krishi Bhavan, New Delhi 110 001
- (ix) *All Secretaries in the Ministry of Agriculture*  
103. Mr R C A Jain  
Secretary (Agriculture and Co-operation)  
Ministry of Agriculture, Department of Agriculture,  
Krishi Bhavan, New Delhi 110 001
104. Ms Binoo Sen  
Secretary (Animal Husbandry and Dairying)  
Krishi Bhavan,  
New Delhi 110 001
- (x) *Secretary, Planning Commission*  
105. Mr N K Sinha  
Secretary, Planning Commission  
Yojana Bhavan, New Delhi 110 001
- (xi) *Chairman, University Grants Commission*  
106. Dr A S Nigavekar  
Chairman, University Grants Commission  
Bahadur Shah Zafar Marg, New Delhi
- (xii) *Chairman, Atomic Energy Commission (or Director, Bhabha Atomic Research Centre, if nominated by the Chairman, Atomic Energy Commission)*  
107. Mr R Chidambaram  
Chairman  
Atomic Energy Commission and  
Secretary to the Government of India  
Department of Atomic Energy  
Anushakti Bhavan, Chhatrapati Shivaji  
Maharaj Marg  
Mumbai 400 039
- (xiii) *Member, Finance (Secretary/Additional Secretary in the Ministry of Finance), Government of India*  
108. Mr D Swarup  
Additional Secretary to the Government of India  
Ministry of Finance, Department of Expenditure  
New Delhi 110 001
- (xiv) *Four Vice-Chancellors of the Agricultural Universities nominated by the President*  
109. Dr Tej Pratap 30.4.2005  
Vice-Chancellor  
Himachal Pradesh Krishi Vishwavidyalaya  
Palampur (Himachal Pradesh) 176 062
110. Dr P K Singh 17.09.2003  
Vice-Chancellor  
Chandra Shekar Azad University of  
Agriculture and Technology  
Kanpur (Uttar Pradesh) 208 002
111. Dr K V Peter 7.07.2005  
Vice-Chancellor  
Kerala Agricultural University
112. Dr S S Magar 17.09.2006  
Vice-Chancellor  
Dr Balasaheb Sawant Konkan  
Krishi Vidyapeeth, Distt. Ratnagiri  
Dapoli (Maharashtra) 415 712
- (xv) *Five technical representatives, namely Agricultural Commissioner, Horticultural Commissioner, Animal Husbandry Commissioner, Fisheries Development Commissioner from the Union Ministry of Agriculture and Inspector-General of Forests, Government of India*  
113. Dr C D Mayee Ex-officio  
Agricultural Commissioner  
Department of Agriculture and Co-operation  
Krishi Bhavan,  
New Delhi 110 001
114. Dr H P Singh  
Horticultural Commissioner, Department of  
Agriculture,  
Krishi Bhavan, New Delhi 110 001
115. Ms Nita Choudhary  
Joint Secretary and Animal Husbandry  
Commissioner  
Department of Agriculture, Krishi Bhavan,  
New Delhi
116. Mr M K R Nair Ex-officio  
Fisheries Development Commissioner  
Department of Agriculture, Krishi Bhavan  
New Delhi 110 001
117. Mr N K Joshi Ex-officio  
Inspector-General of Forests, Government of India  
Department of Environment and Forests  
CGO Complex, Lodi Road, New Delhi 110 003
- (xvi) *Fifteen scientists from within and outside the Council, including one from the Indian Council of Medical Research nominated by the President*  
118. Dr Shiv Raj Singh 25.09.2006  
15, Bhagirathi Colony  
Sundarpur  
Varanasi
119. Dr Y L Nene 25.09.2006  
Ex. DDG, ICRISAT  
47, ICRISAT Colony - 1  
Brig. Sayeed Road  
Secunderabad 500 009
120. Padmashri Dr J S P Yadav 25.09.2006  
Ex-Chairman, ASRB  
B-14, Indian Agricultural Research  
Institute (IARI)  
New Delhi 110 012
121. Dr N Panda 25.09.2006  
Ex. Dean  
Department of Soil Science  
Orissa University of Agriculture & Technology  
Bhubaneswar 751 003
122. Dr N N Goswami 25.09.2006  
Ex. Vice-Chancellor., CSUAT, Kanpur  
Specialization: Social Science  
JD-20D, Pitampura  
Delhi 110 034
123. Dr S N Dwivedi 25.09.2006  
Ex. Director, CIFE, Bombay  
Specialization: Fisheries & Environment  
E-1/106, Arera Colony  
Bhopal 462 016  
Madhya Pradesh

124.	Dr M Y Kamal Ex-Vice-Chancellor SKUAST Shahjahan Bagh Society Block No. 10, Flat No. 102 Dwarka, New Delhi 110 075	25.09.2006	138.	Mr Subhash Bhatia R- 65A, Shakti Nagar Gupteshwar, Jabalpur (Madhya Pradesh)	08.10.2006
125.	Dr K Pradhan Ex Vice-Chancellor RAU, Bikaner H-101, Somvihar New Delhi 110 022	25.09.2006	139.	Mr Ajit Singh Kiran Ajay Bagh, Ajhota Post Laved Dist. Meerut (Uttar Pradesh)	08.10.2006
126.	Dr B S Pathak Director SPRERI Vallabh Vidyanagr 388 120	25.09.2006	140.	Mr Asha Ram Yadav Ex-M.L.A. Narghat Mirzapur (Uttar Pradesh) 231 001 and B-1/3, Gulab Bagh Sigra Varanasi 221 002 (Uttar Pradesh)	08.10.2006
127.	Prof M M Mehta Ex Vice-President M/s Escort Tractors Consultant, 1179, Sector 15 Faridabad (Haryana)	25.09.2006	141.	Mr D S Ananth Planter Sri Satya Sai Estate Mahadevapet, Madikeri Distt. Coorg (Karnataka) 571 201 and 3rd Stage, Basaveswara Nagar Bangalore (Karnataka) 560 074	08.10.2006
128.	Mr J N L Srivastava Former Secretary (A&C) 25, NRI Colony Greater Kailash Part IV New Delhi	25.09.2006	142.	Mr Shakuntala Bapusaheb Shirgaonker At./OO Ankalkhop Tal. Palus, Distt. Sangli Maharashtra 416 316	08.10.2006
129.	Mr Sudhir Bhargava Director Agroman System Pvt. Ltd. 25/2, Tardeo Ac Market Mumbai 400 034	25.09.2006	143.	Mr Rajendra D Pawar Chairman Baramati Agro Ltd., Post Pimpli Tal. Baramati Distt. Pune (Maharashtra) 413 102	23.12.2003
130.	Prof S K Jha Agril. Economics Department Rajendra Agricultural University Pusa, Samastipur 848 125	25.09.2006	<b>Representatives of Rural Interest</b>		
131.	Prof N S L Srivastava Ex. ADG, ICAR, B-6, NASC Complex, DPSM, New Delhi 110 012	25.09.2006	144.	Dr S A Khanvilkar Nandashree Apartment A-Wing, Block No.1 Near Hotel Vrindavan Tal Dapoli District Ratnagiri Dapoli 415 712 (Maharashtra)	08.10.2006
<b>Representatives of the ICMR</b>			145.	Mr Gautam Murarka B-104, Gulmohar Park New Delhi 110 049 and  511 Maker Chambers 221, Nariman Point Mumbai 400 021	08.10.2006
132.	Dr Rakesh Mittal Deputy Director-General Division of Reproductive Health & Nutrition Indian Council of Medical Research Ansari Nagar, PB4911 New Delhi 110 029	17.9.2006	146.	Mr Ramesh Dattambhat Vaidya Director Raichur Distt. Coop. Bank Ltd. Post Hitnal, PIN 583 234 Tal & Distt. Koppal (Karnataka)	08.10.2006
(xvii)	<i>Three representatives of Commerce and Industry, nominated by the President</i>		147.	Mr Sant Kumar Chaudhary Ved Kutir 141, Sukhdev Vihar Mathura Road New Delhi 110 025 and President S K Chaudhary Educational Trust K V K, Basaitha - Chanpura Distt. Madhubani (Bihar)	23.12.2003
133.	Vacant				
134.	Vacant				
135.	Vacant				
(xviii)	<i>One farmer from each region of the country as mentioned in Rule 60 (a) and four representatives of rural interest, nominated by the President</i>				
136.	Mr Surya Dev Tyagi Tarni Mohalla Sardhana, Distt. Meerut (Uttar Pradesh)	08.10.2006			
137.	Dr Yogiraj B Patil 'Annapurna' Akkamahadevi Building Koppadakeri, Dharwad (Karnataka) 580 008	08.10.2006			

- (xix) *Four Directors of the ICAR Research Institutes, nominated by the President*
148. Dr S Nagarajan 07.10.2006  
 Director  
 Indian Agricultural Research Institute  
 New Delhi 110 012
149. Dr S K Dwivedi 07.10.2006  
 Director  
 National Research Centre on Equines  
 Sirsa Road  
 Hisar (Haryana) 125 001
150. Dr A V Parthasarathy 07.10.2006  
 Director  
 Indian Institute of Spices Research  
 P B No. 1701  
 Marikunnu P O  
 Calicut (Kerala) 673 012
151. Dr S Sreenivasan 07.10.2006  
 Director  
 Central Institute for Research on Cotton Technology  
 P No. 16640  
 Adenwala Road, Matunga  
 Mumbai (Maharashtra) 400 019
- (xx) *Secretary, Indian Council of Agricultural Research*
152. Ms Shashi Misra  
 Member-Secretary  
 Indian Council of Agricultural Research  
 Krishi Bhawan,  
 New Delhi 110 001

## APPENDIX 2

### GOVERNING BODY

#### Chairman

1. Dr Mangala Rai  
Director-General  
Indian Council of Agricultural Research  
Krishi Bhavan, New Delhi 110 001

#### Ex-officio Members

##### Member-Finance

2. Mr D Swarup  
Additional Secretary to the Government of India  
Ministry of Finance, Department of Expenditure  
New Delhi 110 001

##### Secretary, Planning Commission

3. Mr N K Sinha  
Secretary  
Planning Commission  
Yojna Bhavan, New Delhi 110 001

##### Secretary, Agriculture

4. Mr R C A Jain  
Secretary (Agriculture and Co. op),  
Government of India  
Ministry of Agriculture, Department of  
Agriculture, Krishi Bhavan, New Delhi 110 001

##### Chairman, University Grants Commission

5. Dr A Nigavekar  
Chairman  
University Grants Commission  
Bahadur Shah Zafar Marg, New Delhi

##### Chairman, Atomic Energy Commission or Director, BARC, if nominated by Chairman (AEC)

6. Mr R Chidambaram  
Chairman, Atomic Energy Commission and Secretary,  
Government of India, Department of Atomic Energy  
Anusakti Bhawan Chatrapatishivaji Marg, Trombay,  
Mumbai 400 039

#### Members

*Four scientists (including one Management Expert) who are not employees of the ICAR and are nominated by the President*

##### Management Expert

7. Mr J N L Srivastava  
Former Secretary ( A&C)  
25, NRI Colony  
Greater Kailash Part IV  
New Delhi

#### Scientists

8. Dr Y L Nene  
Ex. DDG, ICRISAT  
47, ICRISAT Colony - I  
Brig. Sayeed Road  
Secunderabad 500 009
9. Dr Shiv Raj Singh  
15, Bhagirathi Colony  
Sundarpur, Varanasi

10. Shri Sudhir Bhargava  
Director  
Agroman System Pvt. Ltd.  
25/2, Tardeo Ac Market  
Mumbai 400 034

#### Three Vice-Chancellors

11. Dr Tej Pratap  
Vice-Chancellor  
Himachal Pradesh Krishi Vishwa Vidyalaya  
Palampur  
Himachal Pradesh 176 062
12. Dr P K Singh  
Vice-Chancellor  
Chandra Shekhar Azad University  
of Agriculture & Technology  
Kanpur 208 002  
Uttar Pradesh
13. Prof K V Peter  
Vice-Chancellor  
Kerala Agricultural University  
Vellanikkara P.O.  
Thrissur 680 656  
Kerala

#### Three Members of Parliament (Two from Lok Sabha and one from Rajya Sabha) nominated by the President

14. Mr Uttamrao Patil  
Member of Parliament (Lok Sabha)  
11, Mahabali Nagar, Wadgon  
Yavatamal, Maharashtra and  
3, Mahadev Road  
New Delhi 11 0 001
15. Mr Ashok Argal  
Member of Parliament (Lok Sabha)  
Duttpura, Murena  
Madhya Pradesh 476 001 and  
124-126, North Avenue  
New Delhi 110 001
16. Mr S S Ahluwalia  
Member of Parliament (Rajya Sabha)  
Boring Canal Road  
Ward No. 4, P.S. Shri Krishna Puri,  
P.O., GPO Patna and  
10, Gurudwara Rakab Ganj Road  
New Delhi 110 001

#### Three Farmers

17. Mr S A Khanvilkar  
Nandashree Apartment  
A-wing, Block No.1, Near Hotel Vridavan  
Tal Dapoli  
District Ratnagiri  
Dapoli 415 712  
Maharashtra
18. Mr Gautam Murarka  
B-104, Gulmohar Park  
New Delhi 110 049 and  
221, Nariman Point, Mumbai 400 049

- |   |                   |   |                   |
|---|-------------------|---|-------------------|
| <p>19. Mr Surya Dev Tyagi<br/>Tarni Mohalla<br/>Sardhana, District Meerut<br/>Uttar Pradesh</p>                           | <p>08.10.2006</p> | <p>22. Dr V A Parthasarthy<br/>Director<br/>Indian Institute of Spices Research<br/>P B No. 1701, Marikunnu P.O.<br/>Calicut 673 012 (Kerala)</p>             | <p>07.10.2006</p> |
| <p><b>Three Directors</b></p>   |                   | <p><b>Member-Secretary</b></p>  |                   |
| <p>20. Dr S Nagarajan<br/>Director<br/>Indian Agricultural Research Institute<br/>Pusa, New Delhi 110 012</p>             | <p>07.10.2006</p> | <p>23. Ms Shashi Misra<br/>Additional Secretary (DARE) and Secretary,<br/>Indian Council of Agricultural Research<br/>Krishi Bhawan<br/>New Delhi 110 001</p> |                   |
| <p>21. Dr S K Dwivedi<br/>Director<br/>National Research Centre on Equines<br/>Sirsa Road<br/>Hisar 125 001 (Haryana)</p> | <p>07.10.2006</p> |   |                   |

### APPENDIX 3

#### STANDING FINANCE COMMITTEE

**Chairman,  
Director-General**

1. Dr Mangala Rai  
Director-General  
Indian Council of Agricultural Research,  
Krishi Bhavan, New Delhi

**Ex-officio Members  
Member-Finance**

2. Mr D Swarup  
Additional Secretary to the  
Govt. of India  
Ministry of Finance  
Department of Expenditure, New Delhi

Ex-officio

**Secretary,  
Agriculture**

3. Mr R C A Jain  
Secretary (Agriculture & Coop.)  
Govt. of India  
Ministry of Agriculture  
Department of Agriculture  
Krishi Bhawan, New Delhi

Ex-officio

**Seven members of the Governing Body of the ICAR Society (viz. one Management Expert, two Scientists, one Vice-Chancellor, one Director, one Farmer & one Member of Parliament elected by the Governing Body in its 188th Meeting (18th Dec, 2001) on the Standing Finance Committee for a fresh period of one year from 18.12.2001 to 17.12.2002.**

#### SCIENTISTS

4. Vacant
5. Vacant

#### DIRECTOR

6. Vacant

#### FARMER

7. Vacant

#### MEMBER OF PARLIAMENT

8. Mr Uttamrao Patil  
11, Mahabali Nagar  
Wadgon, Yavatmal, Maharashtra and  
3, Mahadev Road, New Delhi 110 001

14.07.2004

#### MANAGEMENT EXPERT

9. Vacant

#### VICE-CHANCELLOR

10. Prof K V Peter  
Vice-Chancellor  
Kerala Agricultural University  
Vellanikkara  
P.O. Thrissur 680 656, Kerala

13.03.2004

#### SPECIAL INVITEES

11. Mr Gautam Basu  
Financial Adviser (ICAR & DARE)  
Krishi Bhavan, New Delhi 110 001
12. Ms Shafali Shah  
Director, EP (Agri) Room No. 222  
Dept. of Commerce  
Ministry of Commerce & Industry  
Udyog Bhavan, New Delhi 110 001
13. Dr R C Maheshwari  
Asstt. Director-General (TC)  
ICAR, Krishi Bhavan, New Delhi 110 001

#### MEMBER - SECRETARY

14. Ms Shashi Misra  
Additional Secretary (DARE) & Secretary  
Indian Council of Agricultural Research  
Krishi Bhavan, New Delhi 110 001

## APPENDIX 4

### SENIOR OFFICERS AT THE HEADQUARTERS OF THE ICAR

#### 1. Dr Mangala Rai

Director-General, ICAR and  
Secretary to the Government of India  
Department of Agricultural Research and Education

#### 2. Ms Shashi Misra

Secretary, ICAR and  
Additional Secretary to Government of India  
Department of Agricultural Research and Education

#### Deputy Directors-General

1. Dr Puranjan Das (Agricultural Extension)
2. Dr J C Katyal (Education)
3. Dr V K Taneja (Animal Sciences)
4. Dr J S Samra (Natural Resource Management)
5. Dr G Kalloo (Horticulture)
6. Dr S Ayyappan (Fisheries)

#### Assistant Directors-General

##### Crop Sciences

1. Dr O P Dubey (Plant Protection)
2. Dr N B Singh (Oilseeds and Pulses)
3. Dr K C Jain (Commercial Crops)
4. Dr S P Tewari (Seeds)
5. Dr S N Shukla (Food and Fodder Crops)

##### Horticulture

1. Dr S N Pandey (Horticulture)

##### Natural Resource Management

1. Dr Gurubachan Singh (Agronomy)
2. Dr P D Sharma (Soils)
3. Dr K R Solanki (Agroforestry)

##### Engineering

1. Dr P Chandra (PE)

##### Animal Sciences

1. Dr Sushil Kumar (DAP&T)
2. Dr Lal Krishna (Animal Health)
3. Dr (Ms) P P Bhat (Animal Genetics)

##### Fisheries

1. Dr A D Divan (Marine Fisheries)

##### Education

1. Dr G C Tiwari (EP&I)
2. Dr Tej Verma (Home Science)
3. K S Nainawatee (HRD II)
4. B S Bish (HRD I)

##### Extension

1. Dr Rajinder Parshad (Agril, Extn.)
2. Dr B S Hansra (Extension)

##### Others

1. Dr R C Maheshwari (Technical Co-ordination)
2. Dr J P Mishra (ESM)
3. Dr K S Khokhar (PIM)

##### Principal Scientists

###### Crop Science

1. Dr A K Sharma (Food Crops)
2. Dr C P Singh (Seeds)
3. Dr S Maurya (Commercial Crops)
4. Dr (Ms) P Kaur (Plant Protection)

5. Dr S Kochar (Intellectual Property Rights)

##### Horticulture

1. Dr K C Garg
2. Dr U C Srivastava

##### Natural Resource Management

1. Dr D K Paul (Engineering)
2. Dr O P Sharma (Agronomy)

##### Education

1. Dr G D Diwakar (Accreditation)

##### Fisheries

1. Dr Anil Aggarwal (Marine Fisheries)
2. V S Chitranchi (Fisheries)

##### Engineering

1. Dr S K Tandon

##### ARIS Unit

1. Dr A K Jain

##### Extension

1. Dr G Appa Rao (Extension)
2. Dr A M Narula

##### Others

1. Dr A K Bawa (D G Section )
2. Dr K L Jagiasi (PIM)
3. Dr D B S Sahra (ES&M)
4. Dr R K Mittal (Cdn. Tech)

##### National Agricultural Technology Project

1. Dr S L Mehta, National Director
2. Dr J P Mittal, Principal Scientist
3. Dr K P Aggarwal, Principal Scientist
4. Dr D P Singh, Principal Scientist
5. Dr V S Upadhyay, Principal Scientist
6. Dr A Bandyopadhyay Principal Scientist

##### Administration

###### Directors

1. Mr K K Bajpai, Director (P)
2. Mr B L Jangira, Director (F)
3. Mr H C Pathak, Director (F), NATP
4. Mr A K Dubey, Director (Hindi)
5. Mr V P Kothiyal, Director (Works)

###### Deputy Secretaries

1. Mr Sanjay Gupta
2. Mr H L Meena
3. Mr Sodhi Singh
4. Mr J Ravi
5. Mr B N Rao

###### Deputy Directors

1. Dr D C Saxena, Deputy Director (F)
2. Mr T V Asari, Deputy Director (F)

##### Others

1. Mr Anil K Sharma, Chief Publicity and Public Relations Officer
2. Mr R P Mangla, Exhibition Officer

##### Directorate of Information and Publications of Agriculture

1. Mr A Chakravarty, Director
2. Mr V K Bharti, Chief Production Officer

3. Mr Kuldeep Sharma, Chief Editor (Hindi) I/C
4. Mr C S Vihwanath, Chief Editor (English) I/C
5. Mr S K Joshi, Business Manager
6. Mr Hansraj, Information System Officer
7. Dr R P Sharma, Editor (E)
8. Ms Shashi Varma, Editor (E)

#### **Agricultural Scientists' Recruitment Board**

1. Dr A S Faroda, Chairman
2. Dr A G Sawant, Member
3. Dr S A H Abidi, Member
4. Mr Sukh Pal, Secretary
5. Mr Vikram Singh, Controller of Examinations

## APPENDIX 5

### ICAR INSTITUTES AND THEIR DIRECTORS

#### National Institutes

1. Dr S Nagarajan  
Indian Agricultural Research Institute  
New Delhi 110 012  
E-mail: snagarajan@iari.res.in
2. Dr M P Yadav  
Indian Veterinary Research Institute  
Izatnagar (Uttar Pradesh) 243 122  
E-mail: ivri@x400nicgw.nic.in
3. Dr Nagendra Sharma  
National Dairy Research Institute  
Karnal (Haryana) 132 001  
E-mail: nsharma@ndri.hry.nic.in
4. Dr S C Mukherjee  
Central Institute of Fisheries Education  
Jaiprakash Road, Seven Bungalow (Versova)  
Mumbai (Maharashtra) 400 061  
E-mail: cife@x400nicgw.nic.in

#### Agricultural Sciences

5. Dr R B Rai  
Central Agricultural Research Institute  
Andaman and Nicobar Group of Islands  
P B 181 Port Blair (Andamans) 744 101  
E-mail: cari@and.nic.in
6. Dr Pratap Narain  
Central Arid Zone Research Institute  
Jodhpur (Rajasthan) 342 003  
E-mail: pratap@cazri.raj.nic.in
7. Dr Nawab Ali  
Central Institute of Agricultural Engineering  
Berasia Road, Nabi Bagh,  
Bhopal (Madhya Pradesh) 462 038  
E-mail: nali@ciae.mp.nic.in
8. Dr D G Dhandar  
Central Institute for Arid Horticulture  
Bikaner (Rajasthan) 334 006  
E-mail: ciah@hub1.nic.in
9. Dr P Singh  
Central Institute for Cotton Research  
ICAR Housing Complex, Central Bazar Road  
Bajaj Nagar, Nagpur (Maharashtra) 440 010  
E-mail: Psingh@yahoo.com
10. Dr S M Ilyas  
Central Institute of Post-Harvest Engineering and  
Technology, Ludhiana (Punjab) 141 004  
E-mail: cipheth@eth.net
11. Dr S Srinivasan  
Central Institute for Research on Cotton Technology  
PB 16640, Adenwala Road, Matunga  
Mumbai (Maharashtra) 400 019  
E-mail: circot@vsnl.com
12. Dr R K Pathak  
Central Institute for Subtropical Horticulture  
Rehmankhhera, PO Kakori  
Lucknow (Uttar Pradesh) 226 107  
E-mail: cish200line@yahoo.co.in
13. Dr A A Sofi  
Central Institute for Temperate Horticulture  
old Air Field  
Rangreth (Jammu and Kashmir) 190 007  
E-mail: cith@hub.nic.in
14. Dr V Rajagopal  
Central Plantation Crops Research Institute  
Kasaragod (Kerala) 671 124  
E-mail: cpcric@hub1.nic.in
15. Dr S M Paul Khurana  
Central Potato Research Institute  
Shimla (Himachal Pradesh) 171 001  
E-mail: director@cpcric.hp.nic.in
16. Dr Y S Ramakrishna  
Central Research Institute for Dryland Agriculture  
Santoshnagar, P O Saidabad  
Hyderabad (Andhra Pradesh) 500 059  
E-mail: ramakrishna.ys@crida.ap.nic.in
17. Dr H S Sen  
Central Research Institute for Jute and Allied Fibres  
Barrackpore, Distt 24 Paraganas  
(West Bengal) 700 120  
E-mail: senhs@crijaf.org
18. Dr S G Sharma  
Central Rice Research Institute  
Cuttack (Orissa) 753 006  
E-mail: crrietc@ori.nic.in
19. Dr N K Tyagi  
Central Soil Salinity Research Institute  
Zarifa Farm, Kachwa Road, Karnal (Haryana) 132 001  
E-mail: director@csuktiddn.org
20. Dr V N Sharda  
Central Soil and Water Conservation Research and  
Training Institute, 218 Kaulagarh Road  
Dehra Dun (Uttaranchal) 248 195  
E-mail: vnsharda@stpd.soft.net
21. Dr K D Singh  
Central Tobacco Research Institute  
Rajahmundry (Andhra Pradesh) 533 105  
E-mail: ctri@sify.com
22. Dr S Edison  
Central Tuber Crops Research Institute, PB3502  
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(Madhya Pradesh) 462 038
73. Dr S K Sharma  
Project Co-ordinator (Network Programme for  
Development of Technology Package for  
Organic Farming PDCSR  
Modipuram, Meerut (Uttar Pradesh) 250 110

#### **Animal Sciences and Fisheries**

#### **Engineering and Technology**

62. Dr A K Bhattacharya  
Project Co-ordinator (Agricultural Drainage)  
Water Technology Centre, Indian Agricultural  
Research Institute, New Delhi 110 012
63. Dr Dipankar De  
Project Co-ordinator (Energy Requirements  
in Agricultural Sector), Central Institute of Agricultural  
Engineering, Nabi Bagh, Berasia Road  
Bhopal, (Madhya Pradesh) 462 038

74. Dr S P S Ahlawat  
Project Co-ordinator (Animal Genetic Resources)  
National Bureau of Animal Genetic Resources  
PB 129, Karnal, (Haryana) 132 001
75. Dr R K Sethi  
Project Co-ordinator (Buffalo Breeding)  
Central Institute for Research on Buffaloes  
Hisar (Haryana) 125 001
76. Dr R P Misra  
Project Co-ordinator  
(Crop Based Animal Production Systems)  
Central Institute for Research on Goat  
Mathura, Makhdoom, (Uttar Pradesh) 281 122

77. Dr Arun Varma  
Project Co-ordinator (Embryo Transfer)  
Indian Council of Agricultural Research  
Krishi Bhavan, New Delhi 110 001
78. Dr R P Mishra  
Project Co-ordinator (Goats)  
CIRG, Mathura, Makhdoom (Uttar Pradesh) 281 122
79. Dr A K Chhabra  
Project Co-ordinator (Pigs)  
Indian Veterinary Research Institute  
Izatnagar (Uttar Pradesh) 243 122
80. Dr A L Arora  
Project Co-ordinator (Sheep Improvement)  
Central Sheep and Wool Research Institute  
Aviknagar 304 501
81. S K Bandyopadhyay  
Project Co-ordinator (Foot-and-Mouth Disease)  
Division of Epidemiology  
Indian Veterinary Research Institute  
Mukteshwar Campus (Uttar Pradesh) 263 138
82. Dr Nem Singh  
Project Co-ordinator  
(Network on Haemorrhagic Septicaemia)  
IVRI, Izatnagar (Uttar Pradesh) 243 122
83. Dr Sushil Kumar  
Project Co-ordinator (Agril. Byproducts as Animal Feed)  
Indian Council of Agricultural Research  
Krishi Bhavan, New Delhi 110 001
84. Dr M Rajshekhar  
Project Director (Animal Diseases Monitoring  
and Surveillance)  
Institute of Animal Health and Veterinary Biology  
Hebbal, Bangalore (Karnataka) 560 004
85. Dr Nem Singh  
Project Coordinator  
(Network on Haemorrhagic Septicaemia)  
IVRI, Izatnagar, Uttar Pradesh 243 122
86. Dr Nem Singh  
Project Co-ordinator  
(Network on Gastro-intestinal Parasitism)  
IVRI, Izatnagar  
(Uttar Pradesh) 243 122
87. Dr Nem Singh  
Project Co-ordinator  
(Network on Bluetongue)  
IVRI, Izatnagar  
(Uttar Pradesh) 243 122
88. Dr Sushil Kumar  
Project Co-ordinator  
Network Programme on Micronutrients in Animal  
Nutrition and Production  
Krishi Bhawan  
New Delhi 110 001
89. Dr G R Patil  
Project Co-ordinator (Process Upgradation of  
Indigenous Milk Products)  
Network Project on R & D Support for Process  
Upgradation of Indigenous Milk Products for  
Industrial Application,  
NDRI, Karnal, (Haryana) 132 001
90. Dr R K Sethi  
Project Co-ordinator (Network on Buffalo)  
CIRB, Hisar (Haryana) 125 001
92. Dr Sushil Kumar  
Project Co-ordinator (Network on Agricultural  
Byproducts as Animal feed)  
ICAR, Krishi Bhawan  
New Delhi 110 0011

#### **Education**

93. Dr (Ms) Tej Verma  
Project Co-ordinator (Home Science)  
ICAR, Krishi Anusandhan Bhavan II  
Pusa, New Delhi 110 012

## APPENDIX 10

### AGRICULTURAL UNIVERSITIES AND THEIR VICE-CHANCELLORS

1. Dr S P Singh  
Acharya N G Ranga Agricultural University  
Rajendranagar, Hyderabad (Andhra Pradesh) 500 030  
E-mail: root@apau.ren.nic.in
2. Dr G L Kaul  
Assam Agricultural University, Jorhat  
(Assam) 785 003  
E-mail: glkaul@aaau.ac.in
3. Prof Debabrata Das Gupta  
Bidhan Chandra Krishi Vishwa Vidyalaya  
PO Krishi Vishwa Vidyalaya  
Mohanpur, Nadia (West Bengal) 741 252  
E-mail: vcck@vsnl.net
4. Dr S N Pandey  
Birsra Agricultural University  
Ranchi (Jharkhand) 834 006  
E-mail: vc\_bau@rediffmail.com
5. Dr P K Singh  
Chandra Shekhar Azad University of Agriculture  
and Technology,  
Kanpur (Uttar Pradesh) 208 002  
E-mail: pks\_csau@hotmail.com
6. Dr M K Miglani  
Chaudhary Charan Singh Haryana Agricultural  
University, Hisar (Haryana) 125 004  
E-mail: vc@hau.nic.in
7. Dr S A Nimbalkar  
Dr Punjabrao Deshmukh Krishi Vidyapeeth  
Akola (Maharashtra) 444 104  
E-mail: vc@mah.nic.in
8. Dr S S Negi  
Dr Yashwant Singh Parmar University of  
Horticulture and Forestry  
Nauni, Distt Solan, (Himachal Pradesh) 173 230  
E-mail: vcuhf@yahoo.com
9. Dr P L Gautam  
Govind Ballabh Pant University of Agriculture  
and Technology  
Pantnagar (Uttaranchal) 263 145  
E-mail: vc@gbpuat.ernet.in
10. Dr R P S Ahalawat  
Gujarat Agricultural University  
Sardar Krushinagar, Distt Banaskantha  
(Gujarat) 385 506  
E-mail: vc@gausk.n.guj.nic.in
11. Dr Tej Pratap  
Ch Shriavan Kumar  
Krishi Vishwavidyalaya  
Palampur (Himachal Pradesh) 176 062  
E-mail: vc@hillagric.org
12. Dr C R Hazra  
Indira Gandhi Krishi Vishwavidyalaya  
Raipur (Chhatisgarh) 492 012  
E-mail: crhazra@yahoo.co.in
13. Dr D P Singh  
Jawaharlal Nehru Krishi Vishwa Vidyalaya  
Jabalpur (Madhya Pradesh) 482 004  
E-mail: dpsingh\_inkw@yahoo.co.in
14. Dr K V Peter  
Kerala Agricultural University  
Vellanikara, Distt Trichur (Kerala) 680 656  
E-mail: vckau@vsnl.com
15. Dr S S Magar  
Dr Balaesahib Sawant Konkan Krishi Vidyapeeth  
Dapoli (Maharashtra) 415 712  
E-mail: ssmagar@hotmail.com
16. Dr S N Puri  
Mahatma Phule Krishi Vidyapeeth  
Rahuri (Maharashtra) 413 722  
E-mail: snpuri@mail.com
17. Dr V M Pawar  
Marathwada Agricultural University  
Parbhani (Maharashtra) 431 402  
E-mail: vemau@rediffmail.com
18. Dr R P Singh  
Maharana Pratap University of Agriculture and  
Technology  
Udaipur (Rajasthan) 313 001  
E-mail: vc@oudt.om.nic.in
19. Dr B B Singh  
Narendra Deva University of Agriculture  
and Technology,  
Faizabad (Uttar Pradesh) 224 229  
E-mail: nduat@up.nic.in
20. Mr Sahadeva Sahoo  
Orissa University of Agriculture and Technology  
Bhubaneswar (Orissa) 141 004  
E-mail: vc@oudt.ori.nic.in
21. Dr K S Aulakh  
Punjab Agricultural University  
Ludhiana (Punjab) 141 004  
E-mail: vcpau@glide.net.in
22. Prof Parmatma Singh  
Rajasthan Agricultural University  
Bikaner (Rajasthan) 334 006  
E-mail: vc@raub.raj.nic.in
23. Dr S R Singh  
Rajendra Agricultural University  
Samastipur, Pusa (Bihar) 848 125  
E-mail: rau@bih.nic.in
24. Dr Anwal Alam  
Sher-E-Kashmir University of Agricultural Sciences  
and Technology  
Srinagar (Jammu and Kashmir) 191 001
25. Mr H U Khan  
Sher-e-Kashmir University of Agricultural  
Sciences and Technology  
45-B, Gandhinagar, PB 37  
Jammu (Jammu and Kashmir) 180 012  
E-mail: hu\_khan@rediffmail.com
26. Dr C Ramasamy  
Tamil Nadu Agricultural University  
Coimbatore (Tamil Nadu) 641 003  
E-mail: vc@tnau.ac.in

27. Dr R Kadirvel  
Tamil Nadu Veterinary and Animal Sciences  
University, Chennai (Tamil Nadu) 600 051  
E-mail: tanuvas@vsnl.com
28. Dr A M Krishnappa  
University of Agricultural Sciences  
Bangalore (Karnataka) 560 065  
E-mail: amkrishnappa@yahoo.com
29. Dr S A Patil  
University of Agricultural Sciences  
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E-mail: sapatil\_uas@rediffmail.com
30. Dr A K Bhattacharya  
West Bengal University of Animal and  
Fishery Sciences, 38KB Sarani  
Kolkata (West Bengal)  
E-mail : wbuatsherikar@hotmail.com
31. Dr A T Sherikar  
Maharashtra Animal and Fishery Sciences University  
Nagpur (Maharashtra) 440 006  
E-mail: atsherikar@hotmail.com
32. Dr M Zaka-ur-Rab  
Director  
Faculty of Agriculture  
Aligarh Muslim University  
Aligarh (Uttar Pradesh) 202 002
33. Dr Ramachandra Rao  
Banaras Hindu University  
Varanasi (Uttar Pradesh) 221 005
34. Dr S K Basu  
Viswa Bharati, Santiniketan  
(West Bengal)
35. Dr P P Singh  
Sardar Vallabh Bhai Patel University of Agriculture and  
Technology, Modipuram  
Meerut (Uttar Pradesh) 250 110
36. Dr S K Garg  
U P Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan  
Vishwa Vidyalaya Evam Go Anusandhan Sansthan  
Mathura (Uttar Pradesh) 281 001
37. Dr S K Brahmachari  
Uttar Banga Krishi Vishwavidyalaya  
Pundibari  
Cooch Bihar  
(West Bengal) 736 165

#### **Central University**

1. Dr S S Baghel  
Central Agricultural University  
Imphal (Manipur) 795 004

#### **Deemed-to-be Universities**

1. Dr S Nagarajan  
Indian Agricultural Research Institute  
Pusa,  
New Delhi 110 012
2. Dr M P Yadav  
Indian Veterinary Research Institute  
Izatnagar (Uttar Pradesh) 243 122
3. Dr Nagendra Sharma  
National Dairy Research Institute  
Karnal (Haryana) 132 001
4. Dr S C Mukherjee  
Central Institute of Fisheries Education  
Jaiprakash Road,  
Seven Bungalows, Versova  
Mumbai (Maharashtra) 400 061
5. Prof R B Lal  
Allahabad Agricultural University  
Allahabad (Uttar Pradesh) 211 007

**APPENDIX 11**

**Total number of employees in the ICAR and its research institutes and Number of Scheduled Castes, Scheduled Tribes and other backward classes\***

Sl.no. Posts	Total posts sanctioned	Total employees in position	Total scheduled castes among them	Percentage to total employees	Total scheduled tribes among them	Percentage to total employees	Total OBC among them	Percentage total employees
<b>1. Scientific Post</b>								
Scientist	3,881	3,126	297	9.50	46	1.46	207	6.62
Senior Scientist	1,651	1,232	92	7.46	13	1.05	62	5.03
Principal Scientist	749	528	34	6.44	2	0.38	13	2.46
RMP Scientist	147	140	2	1.43	1	0.71	6	4.29
<b>Total</b>	<b>6,428</b>	<b>5,026</b>	<b>425</b>	<b>8.45</b>	<b>62</b>	<b>1.23</b>	<b>288</b>	<b>5.73</b>
<b>2. Technical Posts</b>								
Category I	4,456	4,083	830	-	305	-	341	-
Category II	3,075	2,648	507	-	182	-	198	-
Category III	731	702	103	-	44	-	46	-
<b>Total</b>	<b>8,262</b>	<b>7,433</b>	<b>1,440</b>	<b>-</b>	<b>531</b>	<b>-</b>	<b>585</b>	<b>-</b>
<b>3. Administration Posts</b>								
(a) Directors/Dy.Secretaries Under Secretaries/ Sr. Admn. Officer/ Sr. Accounts Officer/ Admn. Officer/ F&AO/Legal, PS etc.	301	211	40	-	12	-	9	-
(b) Asstt. Fin. & Accounts Officer/Accounts Officer Section Officer/Hindi Officer/Desk Officer/	724	551	81	-	37	-	34	-
(c) Assistants	1,364	1,010	166	-	65	-	44	-
(d) Stenographers	691	599	87	-	11	-	5	-
(e) UDC/Senior Clerk	1,358	1,160	238	-	71	-	52	-
(f) LDC/Junior Clerk	936	919	158	-	45	-	96	-
<b>Total</b>	<b>5,374</b>	<b>4,450</b>	<b>770</b>	<b>-</b>	<b>241</b>	<b>-</b>	<b>240</b>	<b>-</b>
<b>4. Supporting Staff</b>								
Grade I	4,572	3,654	1,004	-	223	-	525	-
Grade II	3,365	3,400	961	-	212	-	150	-
Grade III	1,936	1,915	515	-	126	-	59	-
Grade IV	928	912	284	-	103	-	54	-
<b>Total</b>	<b>10,801</b>	<b>9,881</b>	<b>2,764</b>	<b>-</b>	<b>664</b>	<b>-</b>	<b>788</b>	<b>-</b>
<b>5. Supporting Staff</b>	<b>381</b>	<b>311</b>	<b>230</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>14</b>	<b>-</b>
(Safaiwala)								
<b>Auxillary posts</b> (dying cadre)	<b>53</b>	<b>88</b>	<b>19</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>5</b>	<b>-</b>

## APPENDIX 12

### AWARDS

AWARD	AWARDEES
<b>Sardar Patel Outstanding Institution Award (2002)</b>	<i>State Agricultural University</i> Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra  <i>ICAR Institutes</i> (i) Central Plantation Crops Research Institute, Kasaagod, Kerala
<b>Jawaharlal Nehru Awards for Outstanding Post-graduate Agricultural Research (2002)</b>	<i>Crop Improvement</i> (i) Dr Vinay Kumar Sharma, RAU, Pusa, Bihar (ii) Dr (Ms) Ranjana Bhattacharjee, ICRISAT Patancheru (AP)  <i>Biotechnology</i> (i) Dr Perumal Azhaguvel, National Institute of Agricultural Sciences, Ibaraki, Japan (TNAU, Coimbatore)  <i>Plant Protection</i> (i) Dr (Ms) Thirumala Devi, University of Wisconsin, Madison, USA, Osmania University, Hyderabad (ii) Dr Avijit Roy, University of Florida, Gainesville, USA, IARI, New Delhi  <i>Natural Resource Management</i> (i) Dr P Shaji James, KAU, Tavanur (ii) Dr Vinay Kumar Sehgal, ISRO, Ahmedabad  <i>Horticulture</i> (i) Dr (Ms) Ganga Mathian, TNAU, Coimbatore  <i>Engineering Technology</i> (i) Dr Atmaram Mishra, WTC for Eastern Region, Bhubaneswar  <i>Animal Sciences</i> (i) Dr Sreekumar Chirukandoth, USDA, Maryland, USA, IVRI, Izatnagar  <i>Social Sciences</i> (i) Dr V Venkatesa Palanichamy, TNAU, Coimbatore
<b>Jagjivan Ram Kisan Puruskar (2002)</b>	(i) Mr Kushal Pal Sirohi, Sirohi Agril. Farm, Chandna, Haryana
<b>N.G. Ranga Farmer Award for Diversified Agriculture (2002)</b>	(i) Mr Vimal Chawda, VNR Farm, Gomchi, Raipur Agartala, Tripura
<b>Panjabrao Deshmukh Women Scientist Award (2002)</b>	(i) Dr Irani Mukherjee, IARI, New Delhi (ii) Dr (Ms) B Meena Kumari, CIFT, Cochin
<b>Vasantrya Naik Award for Research Applications in Agriculture (2002)</b>	(i) Dr U S Patnaik and Associates, CSWCRSTI, Sunabada, Orissa
<b>Chaudhary Devi Lal outstanding AICRP Project Award (2002)</b>	(i) AICRP on Vegetable Crops, IVRI, Varanasi
<b>Chaudhary Charan Singh Award for Excellence in Journalism in Agricultural Research &amp; Development (2002)</b>	(i) Mr Sunil Gangrade, Editor, Krishak Jagat, Bhopal New Delhi (ii) Mr Harvir Singh, Spl. Correspondent, Hindustan, New Delhi
<b>Lal Bahadur Shastri Young Scientist Awards for the Biennium (2001-2002)</b>	<i>Crop Sciences (Crop Improvement and Protection)</i> (i) Dr A J Rajkumar, Cardamom Research Station, Pampadumpara, Kerala (ii) Dr Bhupinder Singh, IARI, New Delhi

AWARD	AWARDEES
	<p><i>Soil Science, Agronomy and Agroforestry</i>            (i) Dr T Raghavareddy Rupa, IISS, Bhopal, M.P.</p> <p><i>Horticulture</i>            (i) Dr Sankar Prasad Das, NRC for Orchids, Pakyong, East Sikkim</p> <p><i>Animal Science</i>            (i) Dr D Nagalakshmi, College of Veterinary, Science, ANGRAU, Rajendranagar, Hyderabad, A.P.</p>
<p><b>Hari Om Ashram Trust Awards for the Biennium (2001-2002)</b></p>	<p><i>Crop Sciences</i>            (i) Dr B Mishra &amp; Associates, Directorate of Rice Research, Hyderabad</p> <p><i>Horticulture</i>            (i) Dr M S Ladaniya &amp; Associates, NRCC, Rohtak</p> <p><i>Resource Management</i>            (i) Dr I S Dahiya and Associates, KVK, Rohtak</p> <p><i>Animal Sciences</i>            (i) Dr Usha R Mehra &amp; Associates, IVRI, Izatnagar</p>
<p><b>Rafi Ahmed Kidwai Awards for the Biennium (2001-2002)</b></p>	<p><i>Crop Improvement and Crop Protection</i>            (i) Dr J L Karihaloo, NBPGR, New Delhi</p> <p><i>Horticulture</i>            (i) Dr G Kalloo, ICAR, New Delhi</p> <p><i>Natural Resource Management</i>            (i) Dr M S Aulakh, PAU, Ludhiana</p> <p><i>Engineering and Technology</i>            (i) Dr Pitam Chandra, IARI, New Delhi</p> <p><i>Animal Sciences</i>            (i) Dr J M Kataria, IVRI, Izatnagar and Dr S K Bandyopadhyay, IVRI, Mukteswar (<i>Jointly</i>)            (ii) Dr B P Singh, CARI, Izatnagar and Dr Parimal Roy, TNVASU, Chennai (<i>Jointly</i>)</p> <p><i>Fisheries and Aquatic Sciences</i>            (i) Dr V S Murty, CMFRI, Cochin</p>
<p><b>Swami Sahajanand Saraswati Extension Scientist /Worker Awards for the Biennium (2001-2002)</b></p>	<p><i>Crop production</i>            (i) Dr R N Padaria, IARI, New Delhi</p> <p><i>Livestock Production</i>            (i) Dr (Mrs) Jancy Gupta, NDRI, Karnal <i>Resource Management</i>            (i) Dr Hardial Singh, Regional Research Centre for CIFA, PAU, Campus, Ludhiana            (ii) Dr Sanjay Kumar Das, College of Fisheries, AAU, Assam.</p>

## APPENDIX 13 Audit Paras

### MINISTRY OF AGRICULTURE DEPARTMENT OF AGRICULTURAL RESEARCH AND EDUCATION

**Unfruitful expenditure on prematurely closed projects:** Southern Regional station of the National Dairy Research Institute, Bangalore undertook two in-house projects entitled "Strategies for augmenting fertility in buffaloes" in January 1996 and "Integrated Approach for Optimum Performance of Cattle in Farmers' Herds" in April 1996 at an estimated cost of Rs54.35 Lakh and Rs.60 Lakh respectively. Both the Projects were foreclosed without achieving their objectives. This resulted in unfruitful expenditure of Rs55.97 lakh being incurred on these projects.

*(Para 6.1 of Report No.5 of 2003)  
Scientific Departments*

**Failure of Revolving Fund Scheme:** ICAR sanctioned a loan of Rs30.53 lakh to the Sugarcane breeding Institute (SBI), one of its constituent units, in September 1997 for a project, "Mass Production of Bio-fertilisers for Sugarcan" to be repaid in five annual instalments. However, before sanctioning the loan, it did not ensure the SBI had conducted a formal feasibility study and market survey. Since the Institute could not earn the projected revenue, the first instalment amount to Rs.6.11 lakh was made only in July 2000 and further instalments were yet to be paid. The future of the project is still uncertain and it is unlikely that the Institute would be in a position of repay the balance amount of Rs.24.42 lakh to ICAR.

*(Para 6.2 of Report No.5 of 2003)  
Scientific Departments*