

MINISTRY OF AGRICULTURE
DEMAND NO. 1
Department of Agriculture and Cooperation

A. The Budget allocations, net of recoveries, are given below:

		<i>(In crores of Rupees)</i>								
Major Head	Budget 2003-2004			Revised 2003-2004			Budget 2004-2005			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	1928.57	400.92	2329.49	1923.90	316.55	2240.45	2449.34	333.43	2782.77	
Capital	258.43	0.42	258.85	216.10	72.45	288.55	220.66	10.57	231.23	
Total	2187.00	401.34	2588.34	2140.00	389.00	2529.00	2670.00	344.00	3014.00	
1. Secretariat-Economic Services	3451	6.95	26.53	33.48	4.97	25.31	30.28	5.26	26.11	31.37
Crop Husbandry	3601	2.16	...	2.16	1.53	...	1.53	4.97	...	4.97
2. Seeds	2401	15.78	...	15.78	13.11	...	13.11	39.15	...	39.15
	4401	0.52	...	0.52	0.52	...	0.52	0.85	...	0.85
<i>Total</i>		18.46	...	18.46	15.16	...	15.16	44.97	...	44.97
Foodgrain Crops										
3. Accelerated Cereals	2401	4.03	...	4.03	4.03	...	4.03	1.50	...	1.50
Development Programme -	3601	2.37	...	2.37	2.37	...	2.37	...	...	...
Maize	<i>Total</i>	6.40	...	6.40	6.40	...	6.40	1.50	...	1.50
4. Others schemes of										
Foodgrain crops	2401	...	0.78	0.78	...	0.69	0.69	...	0.70	0.70
Total - Foodgrain crops		6.40	0.78	7.18	6.40	0.69	7.09	1.50	0.70	2.20
5. Development of Pulses	3601	13.96	...	13.96	15.96	...	15.96	...	...	...
	2401	16.43	0.60	17.03	19.34	0.36	19.70	...	0.49	0.49
	3602	0.01	...	0.01	0.01	...	0.01	...	...	...
<i>Total</i>		30.40	0.60	31.00	35.31	0.36	35.67	...	0.49	0.49
6. Manures & Fertilisers										
6.01 National Project on	2401	2.05	...	2.05	1.92	...	1.92	1.98	...	1.98
Development and use	3601	0.30	...	0.30	0.30	...	0.30	...	...	...
of Bio-fertilisers	4401	0.15	...	0.15	0.15	...	0.15	0.25	...	0.25
<i>Total</i>		2.50	...	2.50	2.37	...	2.37	2.23	...	2.23
6.02 Other Programmes	2401	3.91	...	3.91	1.98	...	1.98	34.04	...	34.04
	3601	2.34	...	2.34	0.01	...	0.01	0.03	...	0.03
	4401	0.25	...	0.25	0.01	...	0.01	0.43	...	0.43
<i>Total</i>		6.50	...	6.50	2.00	...	2.00	34.50	...	34.50
Total-Manures & Fertilisers		9.00	...	9.00	4.37	...	4.37	36.73	...	36.73
7. Plant protection	3601	1.41	...	1.41	2.10	...	2.10	4.92	...	4.92
	2401	16.75	13.80	30.55	14.70	13.92	28.62	39.82	14.72	54.54
	4401	5.20	...	5.20	5.20	...	5.20	6.05	...	6.05
<i>Total</i>		23.36	13.80	37.16	22.00	13.92	35.92	50.79	14.72	65.51
Commercial Crops										
8. Oil Seeds Production	3601	58.70	...	58.70	65.87	...	65.87	...	...	...
Programme	2401	20.00	0.60	20.60	20.00	0.61	20.61	...	0.62	0.62
<i>Total</i>		78.70	0.60	79.30	85.87	0.61	86.48	...	0.62	0.62
9. Loans for payment to										
Sugarcane Growers	7601	...	...	...	...	72.00	72.00	...	...	...
10. National Oilseeds and Vegetable										
Oil Development Board	2401	5.40	...	5.40	5.40	...	5.40	4.00	...	4.00
11. Research and development of										
Post Harvest Technology										
in Oilseeds & Pulses	2401	11.70	...	11.70	13.05	...	13.05	...	...	...
12. Intensive Cotton Development	3601	32.30	...	32.30	30.80	...	30.80	29.42	...	29.42
Programme/Technology	2401	5.70	0.51	6.21	3.87	0.49	4.36	10.83	0.52	11.35
Mission on Cotton	<i>Total</i>	38.00	0.51	38.51	34.67	0.49	35.16	40.25	0.52	40.77
13. Oil Palm Development	2401	0.10	...	0.10	0.10	...	0.10	...	...	...
Programme	3601	7.00	...	7.00	3.80	...	3.80	...	...	...
<i>Total</i>		7.10	...	7.10	3.90	...	3.90	...	...	...
14. Other Programmes of TMOP										
14.01 Post Harvest Technology										
including TMOP	2401	1.35	...	1.35	...	...	...	17.75	...	17.75
14.02 Integrated Oilseeds,										
Oilpalm, Pulses and	2401	3.65	...	3.65	...	...	...	45.95	...	45.95
Maize Developmen	3601	8.10	...	8.10	...	...	...	105.60	...	105.60
<i>Total</i>		11.75	...	11.75	...	...	...	151.55	...	151.55
14.03 Tree-borne Oilseeds	2401	0.60	...	0.60	...	...	...	16.00	...	16.00
Total-Other Programmes of TMOP	<i>Total</i>	13.70	...	13.70	...	...	...	185.30	...	185.30
15. Water Management	3601	70.00	...	70.00	...	...	...	...	...	...
	2401	...	...	...	0.50	...	0.50	49.75	...	49.75
<i>Total</i>		70.00	...	70.00	0.50	...	0.50	49.75	...	49.75

No.1 / Department of Agriculture and Cooperation

(In crores of Rupees)										
	Major Head	Budget 2003-2004			Revised 2003-2004			Budget 2004-2005		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
16. Watershed Development Council	2401	2.00	...	2.00	1.15	...	1.15	2.00	...	2.00
17. Other Commercial Crops	2401	...	1.45	1.45	...	1.30	1.30	...	1.44	1.44
Total-Commercial Crops		226.60	2.56	229.16	144.54	74.40	218.94	281.30	2.58	283.88
18. Horticulture and Vegetable Crops	3601	1.20	...	1.20	0.20	...	0.20	0.20	...	0.20
	2401	170.02	1.33	171.35	122.29	1.31	123.60	381.53	1.34	382.87
	<i>Total</i>	<i>171.22</i>	<i>1.33</i>	<i>172.55</i>	<i>122.49</i>	<i>1.31</i>	<i>123.80</i>	<i>381.73</i>	<i>1.34</i>	<i>383.07</i>
19. Extension and Training	2401	73.75	5.77	79.52	44.28	5.67	49.95	53.05	5.81	58.86
	3601	0.90	...	0.90	0.67	...	0.67	36.70	...	36.70
	3602	0.10	...	0.10	0.26	...	0.26	6.39	...	6.39
	4401	1.45	...	1.45	4.34	...	4.34	0.50	...	0.50
	<i>Total</i>	<i>76.20</i>	<i>5.77</i>	<i>81.97</i>	<i>49.55</i>	<i>5.67</i>	<i>55.22</i>	<i>96.64</i>	<i>5.81</i>	<i>102.45</i>
20. Crop Insurance - Payment to GIC for National Agricultural Insurance Scheme (NAIS)	2401	315.00	...	315.00	637.93	...	637.93	350.00	...	350.00
21. Farm Income Insurance Project (FIIP)	2401	...	...	...	...	56.00	56.00	...	32.00	32.00
Agricultural Economics & Statistics										
22. Agricultural Census	2401	3.95	...	3.95	3.30	...	3.30	4.30	...	4.30
	3601	4.85	...	4.85	4.22	...	4.22	7.85	...	7.85
	3602	0.20	...	0.20	0.16	...	0.16	0.30	...	0.30
	<i>Total</i>	<i>9.00</i>	<i>...</i>	<i>9.00</i>	<i>7.68</i>	<i>...</i>	<i>7.68</i>	<i>12.45</i>	<i>...</i>	<i>12.45</i>
23. <i>Other schemes of Agricultural Economics & Statistics</i>										
23.01 Directorate of Economics and Statistics	2401	...	7.02	7.02	...	7.00	7.00	...	6.89	6.89
23.02 Comprehensive Scheme for studying the cost of production of principal crops	2401	17.57	...	17.57	15.41	...	15.41	13.80	...	13.80
23.03 Improvement of Agricultural Statistics	2401	24.15	...	24.15	0.06	...	0.06	0.06	...	0.06
	3601	0.15	...	0.15	21.20	...	21.20	23.88	...	23.88
	3602	...	...	...	0.15	...	0.15	0.12	...	0.12
	<i>Total</i>	<i>24.30</i>	<i>...</i>	<i>24.30</i>	<i>21.41</i>	<i>...</i>	<i>21.41</i>	<i>24.06</i>	<i>...</i>	<i>24.06</i>
23.04 Other Programmes	2401	16.23	7.02	23.25	9.07	7.25	16.32	17.79	8.21	26.00
Total-Other Schemes of Agri Eco & Statistics		58.10	14.04	72.14	45.89	14.25	60.14	55.65	15.10	70.75
Total-Agricultural Economics & Statistics		67.10	14.04	81.14	53.57	14.25	67.82	68.10	15.10	83.20
24. Agricultural Engineering	2401	1.63	4.86	6.49	1.63	5.02	6.65	2.30	5.14	7.44
	3601	0.70	...	0.70	1.10	...	1.10	0.80	...	0.80
	4401	1.57	0.42	1.99	1.17	0.45	1.62	4.90	0.57	5.47
	<i>Total</i>	<i>3.90</i>	<i>5.28</i>	<i>9.18</i>	<i>3.90</i>	<i>5.47</i>	<i>9.37</i>	<i>8.00</i>	<i>5.71</i>	<i>13.71</i>
25. Grant to NAFED for MIS/PSS	2401	...	294.02	294.02	...	156.00	156.00	...	192.53	192.53
26. Investments in Public Enterprises	6401	7.79	...	7.79	7.24	...	7.24	4.68	10.00	14.68
27. <i>Other programmes of Crop Husbandry</i>										
27.01 International Cooperation	2401	...	11.36	11.36	...	11.56	11.56	...	11.62	11.62
27.02 Other programmes	2401	47.50	...	47.50	41.56	...	41.56	94.72	...	94.72
	3601	4.50	...	4.50	...	...	...	19.00	...	19.00
	<i>Total</i>	<i>52.00</i>	<i>...</i>	<i>52.00</i>	<i>41.56</i>	<i>...</i>	<i>41.56</i>	<i>113.72</i>	<i>...</i>	<i>113.72</i>
Total- Other Programmes of Crop Husbandry		52.00	11.36	63.36	41.56	11.56	53.12	113.72	11.62	125.34
Total- Crop Husbandry		1007.43	349.54	1356.97	1144.02	339.63	1483.65	1438.16	292.60	1730.76
Other Agricultural Programmes										
28. Other Administrative Services - Implementation of Insecticides Act	2070	1.64	4.01	5.65	1.50	4.21	5.71	1.55	4.50	6.05
29. Agricultural Marketing	2435	99.35	19.65	119.00	86.51	18.26	104.77	155.22	19.14	174.36
	3601	0.25	...	0.25	0.29	...	0.29	0.25	...	0.25
	4435	0.40	...	0.40	0.20	...	0.20	0.05	...	0.05
	<i>Total</i>	<i>100.00</i>	<i>19.65</i>	<i>119.65</i>	<i>87.00</i>	<i>18.26</i>	<i>105.26</i>	<i>155.52</i>	<i>19.14</i>	<i>174.66</i>
Total-Other Agricultural Programmes		101.64	23.66	125.30	88.50	22.47	110.97	157.07	23.64	180.71
Soil and Water Conservation										
30. Soil conservation in catchment of river valley projects and Flood Prone Areas	2402	...	0.31	0.31	...	0.31	0.31	...	0.32	0.32

(In crores of Rupees)										
Major Head	Budget 2003-2004			Revised 2003-2004			Budget 2004-2005			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
31. Other soil and water conservation schemes										
31.01 All India Soil and Land Use Survey and Application of Remote Sensing technology for Soil Survey	2402	6.38	1.30	7.68	6.38	1.28	7.66	7.35	1.33	8.68
	4402	...	...	...	...	...	...	1.15	...	1.15
Total		6.38	1.30	7.68	6.38	1.28	7.66	8.50	1.33	9.83
31.02 National Land Resources Commission/Board	2402	0.65	...	0.65	0.65	...	0.65	0.90	...	0.90
31.03 Eco Restoration of Degraded catchments of Jhelum, Chanab, Shivaliks in J&K	2402	16.00	...	16.00	5.00	...	5.00	...	...	...
Total - Other Soil and Water Conservation Schemes		23.03	1.30	24.33	12.03	1.28	13.31	9.40	1.33	10.73
State Plan										
32. Control of Shifting Cultivation	3601	20.00	...	20.00	20.00	...	20.00	20.00	...	20.00
Total State Plan		20.00	...	20.00	20.00	...	20.00	20.00	...	20.00
Total - Soil and Water Conservation Co-operation										
33. Education & Training	2425	31.15	...	31.15	18.10	...	18.10	40.57	...	40.57
34. National Cooperative Development Corporation										
34.01 Warehousing and marketing cooperatives	2425	8.50	...	8.50	8.56	...	8.56	8.50	...	8.50
34.02 Capital participation in Co-operative Spinning Mills	2425	9.00	...	9.00	0.50	...	0.50	1.80	...	1.80
34.03 Assistance to NCDC Programme for Cooperative Development	2425	1.60	...	1.60	0.50	...	0.50	5.00	...	5.00
Total-NCDC		19.10	...	19.10	9.56	...	9.56	15.30	...	15.30
35. Debentures of State Land Development Banks	6425	100.00	...	100.00	70.00	...	70.00	60.00	...	60.00
36. Other programmes-Cooperation and Credit	2425	13.00	...	13.00	12.07	...	12.07	11.80	...	11.80
Total-Cooperation		163.25	...	163.25	109.73	...	109.73	127.67	...	127.67
37. Supplementation/ complementation of States effort through work plans (Macro Management)	2401	30.50	...	30.50	26.50	...	26.50	30.00	...	30.00
	2402	3.00	...	3.00	2.50	...	2.50	1.96	...	1.96
	3601	487.20	...	487.20	408.47	...	408.47	488.68	...	488.68
	3602	2.00	...	2.00	0.40	...	0.40	2.50	...	2.50
	6402	3.00	...	3.00	2.50	...	2.50	1.95	...	1.95
	7601	121.80	...	121.80	108.28	...	108.28	122.00	...	122.00
	7602	0.50	...	0.50	0.10	...	0.10	0.35	...	0.35
Total		648.00	...	648.00	548.75	...	548.75	647.44	...	647.44
38. Lumpsum provision for projects/ schemes for the benefit of North East Region and Sikkim	2552	200.90	...	200.90	195.61	...	195.61	247.50	...	247.50
	4552	15.80	...	15.80	16.39	...	16.39	17.50	...	17.50
Total		216.70	...	216.70	212.00	...	212.00	265.00	...	265.00
Grand Total		2187.00	401.34	2588.34	2140.00	389.00	2529.00	2670.00	344.00	3014.00
B. Investment in Public Enterprises										
	Head of Dev.	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
26.01 National Seeds Corporation	12401	2.29	...	2.29	2.29	...	2.29	4.00	...	4.00
26.02 Damodar Valley Corporation	12402	3.00	...	3.00	2.50	...	2.50	1.95	...	1.95
26.03 State Farms Corporation of India	12401	5.50	...	5.50	4.95	...	4.95	0.68	...	0.68
26.04 Land Development Banks	12425	100.00	...	100.00	70.00	...	70.00	60.00	...	60.00
TOTAL		110.79	...	110.79	79.74	...	79.74	66.63	...	66.63
C. Plan Outlay										
Central Plan:										
1. Crop Husbandry	12401	1649.43	...	1649.43	1687.77	...	1687.77	2081.69	...	2081.69
2. Other Agricultural Programmes	12435	100.00	...	100.00	87.00	...	87.00	155.52	...	155.52
3. Secretariat-Economic Services	13451	6.95	...	6.95	4.97	...	4.97	5.26	...	5.26
4. Other Administrative Services	32070	1.64	...	1.64	1.50	...	1.50	1.55	...	1.55
5. Soil & Water Conservation	12402	29.03	...	29.03	17.03	...	17.03	13.31	...	13.31
6. Cooperation	12425	163.25	...	163.25	109.73	...	109.73	127.67	...	127.67
7. North Eastern Areas	22552	216.70	...	216.70	212.00	...	212.00	265.00	...	265.00
Total		2167.00	...	2167.00	2120.00	...	2120.00	2650.00	...	2650.00
State Plan										
1. Control of Shifting Cultivation	43601	20.00	...	20.00	20.00	...	20.00	20.00	...	20.00
TOTAL		2187.00	...	2187.00	2140.00	...	2140.00	2670.00	...	2670.00

1. The provision is for expenditure on Secretariat of the Department of Agriculture and Cooperation, Counsellor (Agriculture) Embassy of India, Rome, Headquarter of Technology Mission on Oilseeds and Pulses. It also includes the establishment related expenditure of credit planning & monitoring and development of multi-state cooperatives.

2. It includes provision for implementation of Protection of Plant Varieties of Farmers Rights Legislation and two restructured schemes (i) Development and strengthening of infrastructure facilities for production & distribution of quality seeds and (ii) Restructuring of NSC/SFCI in place of existing schemes on Transport subsidy on seeds, Seed Crop Insurance, Establishment & Maintenance of seed bank, Quality arrangement on seeds and Loan to SFCI/NSC. Provision has been kept in existing schemes as well as in restructured schemes.

3. The scheme aims at to increase productivity of maize on a mission approach basis through the implementation of various types of demonstrations training programmes. The entire provision is for the EAP component.

4. The provision is for the directorates of rice and millet related development programmes.

5. The provision is for Directorate of Pulses Development under Non-Plan. Under Plan, provision has been kept in the restructured scheme at item No.14.02.

6. The provision is for expenditure on development and use of bio-fertilisers, strengthening of central fertiliser quality control and training institute and National Project on Promotion of Organic Farming.

7. The provision is for Central Plant Protection Training Institute, Promotion of Integrated Pest Management, Locust Control & Research, Implementation of the Insecticides Act, 1986, strengthening and modernization of Plant Quarantine Facilities in India restructured scheme strengthening and Modernization of Pest Management and for a new scheme monitoring of pesticide residues at national level.

8. The provision is for Directorate of Oilseeds Development under Non-Plan. Under Plan, provision has been kept in the restructured scheme at item No.14.02.

10. The provision is for National Oilseeds and Vegetable Oil Development Board which was set up under the NOVOD Board Act, 1983 for integrated development of oilseed and vegetable oil industry.

12. The provision is mainly for Grants in aid to ICAR for organizing front line demonstration and for training to farmers for production of hybrid seeds, and to NSC/SFCI for production and distribution of seeds.

14. The provision is for R&D Post Harvest Technology on oilseeds, Integrated Oilseeds, Oilpalm, Pulses and Maize Development, and Tree borne oilseeds.

15. Under this scheme assistance is given for construction of shadow tube-wells with pump sets, lift irrigation points and electric/diesel pump sets to individuals/group of farmers.

16. The provision is for Watershed Development Council which was constituted with overall responsibility for execution of the World Bank assisted projects.

17. The provision is for making expenditure on various Directorates responsible for development programmes of Commercial Crops.

18. The provision is for National Horticulture Board, Coconut Development Board including Technology Mission on Coconut, Human Resource Development, Hilly/tribal area development Technology Mission on Horticulture, Hi-tech horticulture for efficient

utilization of resources through precision farming and sustainable development of horticulture through technological intervention and two directorates (Cashew and Spices). The provision includes two new schemes National Horticulture Mission and Micro Irrigation and National Mission on Bamboo Technology and Trade Development.

19. The provision is for National Agricultural Extension Project, two foreign-aided schemes National Agricultural Technology Project and UNDP Project on Food Security, two restructured schemes Extension Support to Central Institutes/DOE and Support to State Extension Programme in place of existing schemes of Strengthening of Agriculture Extension services, Training of Women in Agriculture, Human Resource Development, Information Support/Management Information System and Strengthening of Agricultural Extension. Provision has been kept in the existing schemes as well as in the restructured schemes.

20. The provision is for 'National Agricultural Insurance Scheme' (NAIS) which has been implemented with effect from Kharif 1999 for enlarging the coverage in terms of farmers, crops and risk. The scheme operates on the basis of 'Area Approach' and each participating states or UT is required to reach the level of gram panchayat as the unit area of insurance in a period of three years.

21. The provision is for Pilot Project on Farm Income Insurance Scheme (FIIS). In order to target the two critical target components of farmer's income i.e. yield and price through single policy instrument, it has been proposed to implement this scheme (FIIS). The programme is proposed to be taken up on a pilot basis from Rabi-2003-04 in 20 districts of 16 States for wheat, rabi - rice.

22. The provision is for meeting expenditure for carrying out agricultural census. The main objective of the scheme is to obtain data on the structure of operational holdings and other matters needed for policy purposes.

23. The provision is mainly for existing schemes relating to cost of production of principal crops, Regional centres for agro-economics research, strengthening of agricultural statistics and agricultural policy, planning and management of agriculture, formulation of long term mechanization strategy for each agro-climatic zone/state, National Crop Forecasting Centre, crop acreage and production estimation, special data dissemination standards etc. Provision has also been kept for Directorate of Economics and Statistics, forecasting agricultural output using space, agro-meteorology and land based observation (FASAL) and improvement of agriculture statistics which includes timely reporting of estimates of area and production of principal crops, improvement of crop statistics, collection of agricultural statistics and crop estimation survey of fruits/vegetables and minor crops.

24. This provision is for Farm Machinery Training and Testing Institutes. They provide training to the progressive farmers, technicians, nominees of state govts., and agro industries corporations, farming institutions and engineering entrepreneurs. The provision also includes for demonstration of newly developed agricultural equipment including horticultural equipment at farmer's field.

25. The price support or market intervention measures are designed to ensure remunerative prices to farmers. NAFED is the central designated agency for carrying out such operations.

26. The provision is for providing loan assistance for restructuring two PSUs. namely, State Farm Corporation of India and National Seeds Corporation Ltd. and implementing VRS in these P.SUs.

27. The provision includes contribution to Food and Agriculture Organization and World Food Programme. The

provision also includes the expenditures on Disaster Management Programme, Agri-Business and Agri-clinics, Strengthening/promoting Agricultural Information Systems (Strengthening of IT Apparatus in Agriculture and Cooperation for States/UTs., IT apparatus in DAC(HQ), IT apparatus in the field offices, Development of agricultural informatics and communication, Agriculture resources information system). The provision also includes for two new schemes Mass Media use in Agriculture Extension and National Commission on Farmers.

28. The provision is for expenditure relating to administration and implementation of the Insecticides Act.

29. The provision is for existing scheme relating to strengthening agmark grading and export quality control, market research survey, marketing information network, Directorate of Marketing and Inspection, assistance to National Institutes of Agriculture Marketing, construction of Rural Godowns, development of market infrastructure, grading and standardization.

30. The provision is for grant to Damodar Valley Corporation (DVC) to conduct Training Programme.

31. The provision is for All India Soil and Land Use Survey and National Land Resource Board/Commission.

32. This provision is for central assistance for State Plan schemes relating to shifting cultivation.

33. The provision is for organizing education for members of cooperatives and training of personnel of the State cooperative

departments/ cooperative institutions with the objectives of making the members aware about the benefit of co-operatives.

34. The provision is for assistance for cooperative spinning mills, cooperative marketing, processing, and storage programme in cooperatively under-developed states/UTs. through National Cooperative Development Corporation. Provision has also been made for one restructured scheme assistance to NCDC for development of cooperative.

35. The scheme is for providing long-term agricultural credit to the farmers for development purposes in the field of minor irrigation, land development, farm mechanization, etc.

36. The provision is for assistance to national cooperative federations and integrated cooperative development in selected districts.

37. So far, assistance to the States were given for implementing programmes as per scale/contents determined by the Govt. of India. To provide flexibility to the State Govts. for implementation of various centrally sponsored schemes on MOU basis, the new scheme "Supplementation/Complementation of State's Efforts through Work Plans" has been formulated by integrating 27 ongoing schemes. It started operations from 2000-01.

38. The provision is for schemes for the benefit of North Eastern Region and Sikkim.