

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 2004-2005			Revised 2004-2005			Budget 2005-2006			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	2449.34	333.43	2782.77	2619.54	330.82	2950.36	3956.98	374.92	4331.90	
Capital	220.66	10.57	231.23	345.46	0.68	346.14	252.34	5.59	257.93	
Total	2670.00	344.00	3014.00	2965.00	331.50	3296.50	4209.32	380.51	4589.83	
1. Secretariat-Economic Services	3451	5.26	26.11	31.37	5.36	28.34	33.70	8.00	29.92	37.92
Crop Husbandry										
2. Seeds	3601	4.97	...	4.97	4.82	...	4.82	9.03	...	9.03
	3602	...	...	...	0.15	...	0.15	0.54	...	0.54
	2401	39.15	...	39.15	26.66	42.09	68.75	76.04	...	76.04
	4401	0.85	...	0.85	1.14	...	1.14	1.00	...	1.00
	<i>Total</i>	<i>44.97</i>	<i>...</i>	<i>44.97</i>	<i>32.77</i>	<i>42.09</i>	<i>74.86</i>	<i>86.61</i>	<i>...</i>	<i>86.61</i>
Foodgrain Crops										
3. Accelerated Cereals Development Programme - Maize	2401	1.50	...	1.50	1.50	...	1.50	1.00	...	1.00
4. Others schemes of Foodgrain crops	2401	...	0.70	0.70	...	0.67	0.67	...	0.86	0.86
Total - Foodgrain crops		1.50	0.70	2.20	1.50	0.67	2.17	1.00	0.86	1.86
5. Development of Pulses	2401	...	0.49	0.49	...	0.31	0.31	...	0.53	0.53
6. Manures & Fertilizers										
6.01 National Project on Development and use of Bio-fertilizers	2401	1.98	...	1.98	1.01	...	1.01	...	...	...
	3601	...	...	...	...	...	...	...	...	...
	4401	0.25	...	0.25	0.50	...	0.50	...	...	...
	<i>Total</i>	<i>2.23</i>	<i>...</i>	<i>2.23</i>	<i>1.51</i>	<i>...</i>	<i>1.51</i>	<i>...</i>	<i>...</i>	<i>...</i>
6.02 Other Programmes	2401	34.04	...	34.04	5.63	...	5.63	25.80	...	25.80
	3601	0.03	...	0.03	0.03	...	0.03	0.15	...	0.15
	4401	0.43	...	0.43	0.13	...	0.13	0.55	...	0.55
	<i>Total</i>	<i>34.50</i>	<i>...</i>	<i>34.50</i>	<i>5.79</i>	<i>...</i>	<i>5.79</i>	<i>26.50</i>	<i>...</i>	<i>26.50</i>
Total-Manures & Fertilizers		36.73	...	36.73	7.30	...	7.30	26.50	...	26.50
7. Plant Protection	3601	4.92	...	4.92	6.30	...	6.30	1.41	...	1.41
	2401	39.82	14.72	54.54	26.07	15.02	41.09	29.11	16.99	46.10
	4401	6.05	...	6.05	3.50	...	3.50	5.41	...	5.41
	<i>Total</i>	<i>50.79</i>	<i>14.72</i>	<i>65.51</i>	<i>35.87</i>	<i>15.02</i>	<i>50.89</i>	<i>35.93</i>	<i>16.99</i>	<i>52.92</i>
Commercial Crops										
8. Oil Seeds Production Programme	2401	...	0.62	0.62	...	0.61	0.61	...	0.61	0.61
9. National Oilseeds and Vegetable Oil Development Board	2401	4.00	...	4.00	...	...	...	...	...	...
10. Intensive Cotton Development Programme/Technology Mission on Cotton	3601	29.42	...	29.42	40.65	...	40.65	44.25	...	44.25
	2401	10.83	0.52	11.35	9.10	0.49	9.59	5.25	0.53	5.78
	<i>Total</i>	<i>40.25</i>	<i>0.52</i>	<i>40.77</i>	<i>49.75</i>	<i>0.49</i>	<i>50.24</i>	<i>49.50</i>	<i>0.53</i>	<i>50.03</i>
11. Other Programmes of TMOP										
11.01 Post Harvest Technology including TMOP	2401	17.75	...	17.75	17.75	...	17.75	...	...	...
11.02 Integrated Oilseeds, Oilpalm, Pulses and Maize Development	2401	45.95	...	45.95	70.95	...	70.95	60.00	...	60.00
	3601	105.60	...	105.60	180.60	...	180.60	178.75	...	178.75
	3602	...	...	...	...	...	...	...	...	...
	<i>Total</i>	<i>151.55</i>	<i>...</i>	<i>151.55</i>	<i>251.55</i>	<i>...</i>	<i>251.55</i>	<i>238.75</i>	<i>...</i>	<i>238.75</i>
11.03 Tree-borne Oilseeds	2401	16.00	...	16.00	16.00	...	16.00	16.00	...	16.00
Total-Other Programmes of TMOP	<i>Total</i>	<i>185.30</i>	<i>...</i>	<i>185.30</i>	<i>285.30</i>	<i>...</i>	<i>285.30</i>	<i>254.75</i>	<i>...</i>	<i>254.75</i>
12. Water Management	3601	...	...	...	...	...	...	...	...	...
	2401	49.75	...	49.75	...	...	...	22.50	...	22.50
	<i>Total</i>	<i>49.75</i>	<i>...</i>	<i>49.75</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>22.50</i>	<i>...</i>	<i>22.50</i>
13. Watershed Development Council	2401	2.00	...	2.00	1.15	...	1.15	1.25	...	1.25
14. Sustainability of Dryland/ Rainfed farming system	2401	...	...	...	...	...	...	5.00	...	5.00
	3601	...	...	...	...	...	...	195.00	...	195.00
	<i>Total</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>200.00</i>	<i>...</i>	<i>200.00</i>
15. Other Commercial Crops	2401	...	1.44	1.44	...	1.43	1.43	...	1.57	1.57
Total-Commercial Crops		281.30	2.58	283.88	336.20	2.53	338.73	528.00	2.71	530.71

No.1/Department of Agriculture and Cooperation

		(In crores of Rupees)								
Major Head		Budget 2004-2005			Revised 2004-2005			Budget 2005-2006		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
16. Horticulture and Vegetable Crops	3601	0.20	...	0.20	0.20	...	0.20	...	...	...
	2401	381.53	1.34	382.87	155.80	1.40	157.20	175.00	1.61	176.61
	<i>Total</i>	<i>381.73</i>	<i>1.34</i>	<i>383.07</i>	<i>156.00</i>	<i>1.40</i>	<i>157.40</i>	<i>175.00</i>	<i>1.61</i>	<i>176.61</i>
17. National Horticulture Mission	2401	...	...	...	...	...	...	630.00	...	630.00
18. Micro Irrigation	2401	...	...	...	...	...	...	350.00	...	350.00
19. Extension and Training	2401	53.05	5.81	58.86	35.09	5.99	41.08	16.85	6.70	23.55
	3601	36.70	...	36.70	24.70	...	24.70	39.00	...	39.00
	3602	6.39	...	6.39	3.20	...	3.20	7.00	...	7.00
	4401	0.50	...	0.50	1.96	...	1.96	0.50	...	0.50
	<i>Total</i>	<i>96.64</i>	<i>5.81</i>	<i>102.45</i>	<i>64.95</i>	<i>5.99</i>	<i>70.94</i>	<i>63.35</i>	<i>6.70</i>	<i>70.05</i>
20. Crop Insurance - Payment to GIC/AIC for National Agricultural Insurance Scheme (NAIS)	2401	350.00	...	350.00	540.65	...	540.65	549.00	...	549.00
21. Farm Income Insurance Project (FIIP)	2401	...	32.00	32.00	...	10.56	10.56	...	1.00	1.00
Agricultural Economics & Statistics										
22. Agricultural Census	2401	4.30	...	4.30	4.30	...	4.30	3.20	...	3.20
	3601	7.85	...	7.85	7.85	...	7.85	9.15	...	9.15
	3602	0.30	...	0.30	0.30	...	0.30	0.25	...	0.25
	<i>Total</i>	<i>12.45</i>	<i>...</i>	<i>12.45</i>	<i>12.45</i>	<i>...</i>	<i>12.45</i>	<i>12.60</i>	<i>...</i>	<i>12.60</i>
23. Other Schemes of Agricultural Economics & Statistics										
23.01 Directorate of Economics and Statistics	2401	...	6.89	6.89	...	6.86	6.86	...	7.04	7.04
23.02 Comprehensive Scheme for studying the cost of cultivation and production of principal crops	2401	13.80	...	13.80	16.75	...	16.75	16.13	...	16.13
23.03 Improvement of Agricultural Statistics	2401	0.06	...	0.06	0.04	...	0.04	0.04	...	0.04
	3601	23.88	...	23.88	21.52	...	21.52	22.86	...	22.86
	3602	0.12	...	0.12	0.09	...	0.09	0.10	...	0.10
	<i>Total</i>	<i>24.06</i>	<i>...</i>	<i>24.06</i>	<i>21.65</i>	<i>...</i>	<i>21.65</i>	<i>23.00</i>	<i>...</i>	<i>23.00</i>
23.04 Other Programmes	2401	17.79	8.21	26.00	17.10	2.24	19.34	19.54	2.31	21.85
<i>Total-Other Schemes of Agricultural Economics & Statistics</i>		<i>55.65</i>	<i>15.10</i>	<i>70.75</i>	<i>55.50</i>	<i>9.10</i>	<i>64.60</i>	<i>58.67</i>	<i>9.35</i>	<i>68.02</i>
Total-Agricultural Economics & Statistics		68.10	15.10	83.20	67.95	9.10	77.05	71.27	9.35	80.62
24. Agricultural Engineering	2401	2.30	5.14	7.44	2.45	5.16	7.61	2.90	5.90	8.80
	3601	0.80	...	0.80	2.15	...	2.15	3.20	...	3.20
	4401	4.90	0.57	5.47	4.90	0.68	5.58	2.90	0.59	3.49
	<i>Total</i>	<i>8.00</i>	<i>5.71</i>	<i>13.71</i>	<i>9.50</i>	<i>5.84</i>	<i>15.34</i>	<i>9.00</i>	<i>6.49</i>	<i>15.49</i>
25. Grant to NAFED for MIS/PSS	2401	...	192.53	192.53	...	171.88	171.88	...	260.00	260.00
26. Investments in Public Enterprises	6401	4.68	10.00	14.68	0.68	...	0.68	1.00	5.00	6.00
27. Other Programmes of Crop Husbandry										
27.01 International Cooperation	2401	...	11.62	11.62	...	12.04	12.04	...	11.97	11.97
27.02 Other Programmes	2401	94.72	...	94.72	63.41	...	63.41	88.00	...	88.00
	3601	19.00	...	19.00	7.26	...	7.26	19.00	...	19.00
	<i>Total</i>	<i>113.72</i>	<i>...</i>	<i>113.72</i>	<i>70.67</i>	<i>...</i>	<i>70.67</i>	<i>107.00</i>	<i>...</i>	<i>107.00</i>
<i>Total- Other Programmes of Crop Husbandry</i>		<i>113.72</i>	<i>11.62</i>	<i>125.34</i>	<i>70.67</i>	<i>12.04</i>	<i>82.71</i>	<i>107.00</i>	<i>11.97</i>	<i>118.97</i>
Total- Crop Husbandry		1438.16	292.60	1730.76	1324.04	277.43	1601.47	2633.66	323.21	2956.87
Other Agricultural Programmes										
28. Other Administrative Services - Implementation of Insecticides Act	2070	1.55	4.50	6.05	4.02	4.72	8.74	3.07	5.21	8.28
29. Agricultural Marketing	2435	155.22	19.14	174.36	113.21	19.36	132.57	162.90	20.47	183.37
	3601	0.25	...	0.25	0.90	...	0.90	1.00	...	1.00
	4435	0.05	...	0.05	...	...	...	0.10	...	0.10
	<i>Total</i>	<i>155.52</i>	<i>19.14</i>	<i>174.66</i>	<i>114.11</i>	<i>19.36</i>	<i>133.47</i>	<i>164.00</i>	<i>20.47</i>	<i>184.47</i>
Total-Other Agricultural Programmes		157.07	23.64	180.71	118.13	24.08	142.21	167.07	25.68	192.75
Soil and Water Conservation										
30. Soil conservation in catchment of river valley projects and Flood Prone Areas	2402	...	0.32	0.32	...	0.32	0.32	...	0.35	0.35

<i>(In crores of Rupees)</i>										
Major Head	Budget 2004-2005			Revised 2004-2005			Budget 2005-2006			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
31. Other Soil and Water										
<i>Conservation Schemes</i>										
31.01 All India Soil and Land Use Survey and Application of Remote Sensing technology for Soil Survey	2402	7.35	1.33	8.68	6.50	1.33	7.83	7.65	1.35	9.00
	4402	1.15	...	1.15	...	...	...	0.35	...	0.35
<i>Total</i>		8.50	1.33	9.83	6.50	1.33	7.83	8.00	1.35	9.35
31.02 National Land Resources Commission/Board	2402	0.90	...	0.90	0.40	...	0.40	...	...	...
Total - Other Soil and Water Conservation Schemes		9.40	1.33	10.73	6.90	1.33	8.23	8.00	1.35	9.35
State Plan										
32. Control of Shifting Cultivation	3601	20.00	...	20.00	20.00	...	20.00	30.00	...	30.00
Total - State Plan		20.00	...	20.00	20.00	...	20.00	30.00	...	30.00
Total - Soil and Water Conservation Co-operation		29.40	1.65	31.05	26.90	1.65	28.55	38.00	1.70	39.70
33. Education & Training	2425	40.57	...	40.57	40.57	...	40.57	67.50	...	67.50
34. National Cooperative Development Corporation										
34.01 Warehousing and marketing cooperatives	2425	8.50	...	8.50	8.50	...	8.50	1.00	...	1.00
34.02 Capital participation in Co-operative Spinning Mills	2425	1.80	...	1.80	5.80	...	5.80	1.00	...	1.00
34.03 Assistance to NCDC Programme for Cooperative Development	2425	5.00	...	5.00	1.00	...	1.00	35.00	...	35.00
<i>Total-NCDC</i>		15.30	...	15.30	15.30	...	15.30	37.00	...	37.00
35. Debentures of State Land Development Banks	6425	60.00	...	60.00	91.46	...	91.46	57.00	...	57.00
36. Other programmes-Cooperation and Credit	2425	11.80	...	11.80	11.87	...	11.87	1.00	...	1.00
Total-Cooperation		127.67	...	127.67	159.20	...	159.20	162.50	...	162.50
37. Supplementation/complementation of States effort through Work Plans (Macro Management)	2401	30.00	...	30.00	40.00	...	40.00	35.00	...	35.00
	2402	1.96	...	1.96	1.96	...	1.96	...	...	...
	3601	488.68	...	488.68	775.96	...	775.96	596.07	...	596.07
	3602	2.50	...	2.50	0.80	...	0.80	1.60	...	1.60
	6402	1.95	...	1.95	1.95	...	1.95	...	...	...
	7601	122.00	...	122.00	216.00	...	216.00	149.02	...	149.02
	7602	0.35	...	0.35	0.20	...	0.20	0.40	...	0.40
<i>Total</i>		647.44	...	647.44	1036.87	...	1036.87	782.09	...	782.09
38. Lumpsum provision for projects/schemes for the benefit of North Eastern Region and Sikkim	2552	247.50	...	247.50	271.46	...	271.46	383.89	...	383.89
	4552	17.50	...	17.50	23.04	...	23.04	34.11	...	34.11
<i>Total</i>		265.00	...	265.00	294.50	...	294.50	418.00	...	418.00
Grand Total		2670.00	344.00	3014.00	2965.00	331.50	3296.50	4209.32	380.51	4589.83
B. Investments in Public Enterprises	Head of Dev.	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
26.01 National Seeds Corporation	12401	4.00	...	4.00	...	...	...	0.30	...	0.30
26.02 Damodar Valley Corporation	12402	1.95	...	1.95	1.95	...	1.95	...	...	...
26.03 State Farms Corporation of India	12401	0.68	...	0.68	0.68	...	0.68	0.70	...	0.70
26.04 Land Development Banks	12425	60.00	...	60.00	91.46	...	91.46	57.00	...	57.00
Total		66.63	...	66.63	94.09	...	94.09	58.00	...	58.00
C. Plan Outlay										
Central Plan:										
1. Crop Husbandry	12401	2081.69	...	2081.69	2357.00	...	2357.00	3415.75	...	3415.75
2. Other Agricultural Programmes	12435	155.52	...	155.52	114.11	...	114.11	164.00	...	164.00
3. Secretariat-Economic Services	13451	5.26	...	5.26	5.36	...	5.36	8.00	...	8.00
4. Other Administrative Services	32070	1.55	...	1.55	4.02	...	4.02	3.07	...	3.07
5. Soil & Water Conservation	12402	13.31	...	13.31	10.81	...	10.81	8.00	...	8.00
6. Cooperation	12425	127.67	...	127.67	159.20	...	159.20	162.50	...	162.50
7. North Eastern Areas	22552	265.00	...	265.00	294.50	...	294.50	418.00	...	418.00
<i>Total</i>		2650.00	...	2650.00	2945.00	...	2945.00	4179.32	...	4179.32
State Plan										
1. Control of Shifting Cultivation	43601	20.00	...	20.00	20.00	...	20.00	30.00	...	30.00
Total		2670.00	...	2670.00	2965.00	...	2965.00	4209.32	...	4209.32

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, development of multi-state cooperatives and national land use and conservation board.

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 Grants to SFCI/NSC for restructuring. Provision has been kept in existing schemes as well as in restructured schemes.

3. The Scheme aims at increasing 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.

6. The provision is for expenditure on strengthening of central fertiliser quality control and training institute and National Project on Promotion of Organic Farming.

7. The provision is for Implementation of the Insecticides Act, 1986, strengthening and modernization of Plant Quarantine Facilities in India, strengthening and Modernization of Pest Management and monitoring of pesticide residues at national level.

8. The provision is for Directorate of Oilseeds Development under Non-Plan.

10. 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.

11. The provision is for Integrated Oilseeds, Oilpalm, Pulses and Maize Development and Tree-borne Oilseeds.

12. 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.

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

14. There is an immediate need to develop dry land farming to increase production and productivity of rainfed areas in the country. Under the scheme rainwater harvesting, water conservation, efficient use of water and especially as life saving irrigation is proposed to be given thrust.

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

16. The provision is for National Horticulture Board, Coconut Development Board including Technology Mission on Coconut, Hilly/tribal area development, Technology Mission on Horticulture, and two Directorates (Cashew and Spices). The provision includes National Mission on Bamboo Technology and Trade Development.

17. To give impetus to the encouraging growth in cultivation of fruits, vegetables, flowers, spices, etc. a National Horticulture Mission is being launched to double production. The goal is to make available horticulture produce, improve economic conditions

of the farmers by sustaining golden revolution and to increase exports.

18. The Government laid emphasis on the development of Micro Irrigation during 8th Plan under the scheme Use of Plastics in Agriculture with drip and sprinkler irrigation. With a view to cover more areas under this technology Micro-Irrigation scheme has been launched.

19. The provision is for 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.

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 state 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).

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, 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.

24. This provision is for Farm Machinery Training and Testing Institutes. They provide training to the progressive farmers, technicians, nominees of State Governments and Agro Industries Corporations, farming institutions and engineering entrepreneurs. The provision also provides 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 to PSUs namely, State Farm Corporation of India and National Seeds Corporation Ltd.

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), 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 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.

32. The 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 objective 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 cooperatives.

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.