

F. No. 33-40/2017-MIDH (AAP)
Government of India
Ministry of Agriculture
Department of Agriculture & Cooperation
(Horticulture Division)

Room No.- 434
Krishi Bhawan, New Delhi
Dated: 14th June, 2017

To

Mission Director/Director (Hort.),
Union Territory of Puducherry, Botanical Garden, Puducherry – 605001,
Puducherry

Subject: Implementation of National Horticulture Mission (NHM) under Mission for Integrated Development of Horticulture (MIDH) programme- Approval of Annual Action Plan (AAP) 2017-18-regarding.

Sir,

I am directed to convey approval for implementation of National Horticulture Mission (NHM) programme under MIDH in the State of **Puducherry** during 2017-18 with total outlay of **Rs. 145.02 lakh** (including Rs. 45.02 Lakh Spill over activity/ unspent balance) as per following details:

(Rs. In lakh)

	Total
Total Outlay-2017-18	100.00
Spill over Activity/ Unspent Balance	45.02
Total	145.02

2. The component wise details of Annual Action Plan, 2017-18 indicating physical targets and financial outlay are enclosed. Details are also available on NHM website. The approval is subject to the following terms and conditions:-
- I. The State Horticulture Mission (SHM) may start implementation of the programme for activities other than project-based and submit the proposals for project based activities for approval of Empowered Committee of MIDH. For the project based activities, for which powers have been delegated to State Level Executive Committee (SLEC), the minutes of SLEC meeting wherein projects are approved may be furnished to this Department along with details of beneficiaries, location, bank loan, etc. to facilitate release of funds.
 - II. Expenditure on approved activities shall be in conformity with the norms laid down in the operational guidelines of the scheme.
 - III. SHM should make advance arrangement for procurement of planting material from accredited nurseries/certified planting material/certified seeds for ensuing season.



- SHM should have a mechanism in place for the proper certification and distribution of planting material/seeds. Sourcing of planting material/seeds from ICAR institutes, SAUs, KVKs and Government Department is to be given priority over other sources. **Area Expansion shall be restricted to availability of planting material from accredited nurseries/certified Planting Material.** In case of Truthfully Labelled (TL) seeds, it should be procured only from public sector agencies. Merely procurement of the planting material/seed through the public sector agencies like Seed Corporation, Agro Corporation and other agencies do not ensure the quality of planting material/seed as they do not produce the same. SHM should ensure that these public sector agencies procure certified material and in case certified material is not available, seedlings/ TL seeds are to be procured only from ICAR institutes, SAUs, KVKs and Government Departments.
- IV. More focus is to be given on enhancing productivity of horticulture crops for the holistic development supported with infrastructure for Pre- and Post- Harvest Management and Marketing.
 - V. To improve the productivity of existing old and senile orchards, there is need to identify gaps and revise the existing strategy for achieving the desired results. A proper mechanism needs to be devised to disseminate technology and train farmers on rejuvenation technology. Exposure visit of farmers should be organized to those institutes/places where rejuvenation technology has been developed and also adopted by the farmers. Chief Consultants under NHM will visit the State and discuss this matter with the SHM.
 - VI. The programme for protected cultivation and lining of Community tanks/ponds should be taken up in close coordination with the Precision Farming Development Centre (PFDC) in the State.
 - VII. Protected Cultivation of vegetables should be promoted under NHM in clusters around major cities/metros. These clusters may be provided with other infrastructural facilities like pre-cooling units, cold storages, reefer vans, vending carts etc. and marketing arrangements may be tied up by linking with cooperatives/private retail chains like SAFAL, farmer markets.
 - VIII. Organic farming should be linked to certification. No separate funds will be provided for adoption of organic farming alone. Arrangements should also be made by the SHM or concerned agency for the marketing of organic produce. Selection of Service Provider Agencies is to be done by adoption of competitive bidding.
 - IX. IPM measures should be need based and are to be taken after clearly identifying the problem of pests/disease in the clusters. INM measures are to be adopted in the clusters to correct soil deficiency and reduce excessive dependence on chemical fertilizers.
 - X. The creation of water harvesting structure should be implemented in conjunction with Mahatma Gandhi National Rural Employment Guarantee Scheme (MNREGA) wherever feasible and should be compulsorily linked with the new area expansion and micro-irrigation programmes.
 - XI. For implementation of horticulture mechanization, PHM, marketing and mobile/primary processing activities, SHM should make efforts to organize self-help groups, farmers' interest groups, growers association at local level and also involve Panchayats, Cooperatives, Producers Company etc. In this regard, SHM is to play pro-active role and should appoint one senior level officer as nodal officer and make him responsible for these components.
 - XII. Efforts should also be made for the buyback arrangements of the horticulture produce.

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- XIII. SHM should involve State Agricultural University and ICAR Institutes in the State for the extension activities under NHM.
- XIV. SHM shall document the Annual Report and success stories and furnish them to DAC&FW.
- XV. The SHM should also conduct Impact Evaluation Study through independent organization of repute in the State.
- XVI. While implementing the NHM programme, convergence and synergy should be ensured with the other schemes like Micro Irrigation, RKVY, PKVY, MNREGS, National Mission on Medicinal Plants, AEZs of APEDA, Tribal Sub Plan, Mega Food Parks of Ministry of Food Processing Industries, Watershed Development Programmes, BRGF and Schemes of the State Government.
- XVII. The Audited Statement of Accounts (ASA) for 2015-16 and Utilization Certificate for 2016-17, if not submitted so far, should be furnished to facilitate release of funds during 2017-18.
- XVIII. According to the provisions of the Fiscal Responsibilities and Budget Management (FRBM) Act, 2003 and Rules thereof, regular feedback from the implementing agencies on the physical and financial progress of the activities is necessary for periodical review.
- XIX. The monthly physical and financial progress may be posted on the website www.nhm.nic.in by the 5th of every month and certified hard copy be furnished to this Department by the 10th of every month following the month under report.. Status of project based proposals need also to be uploaded on NHM website.
- XX. It may be noted that the release of funds would be subject to the furnishing of requisite information as mentioned above. In addition to that, a mid-term review would be undertaken at appropriate time.

3. The SHM is also requested to implement the scheme keeping in view the broad discussions held during review meeting held on 2nd – 3rd May, 2017.

Encl: as above

Yours faithfully,



(M.K. Mishra)

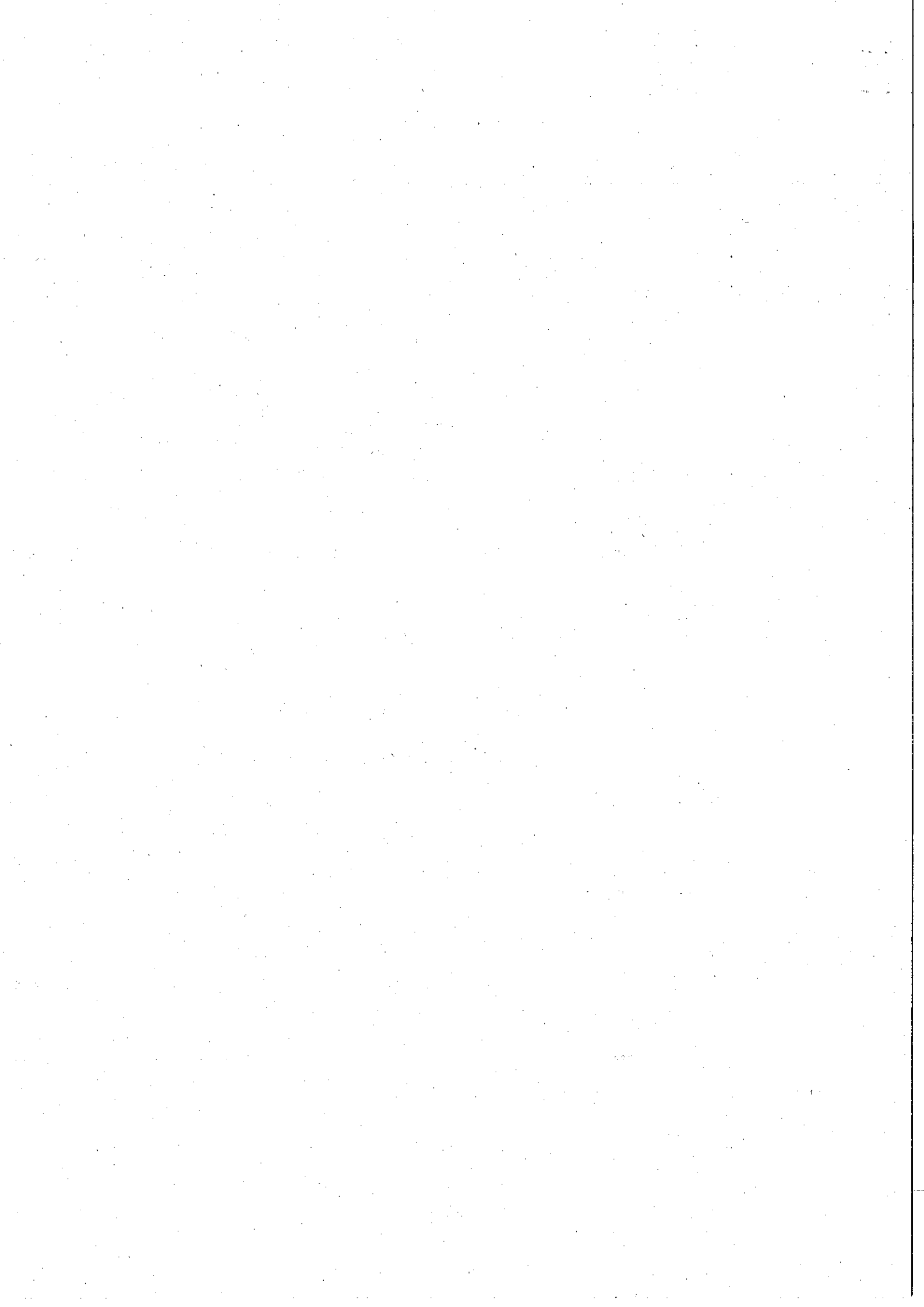
Under Secretary (MIDH)

Ph. No. 011-23074238

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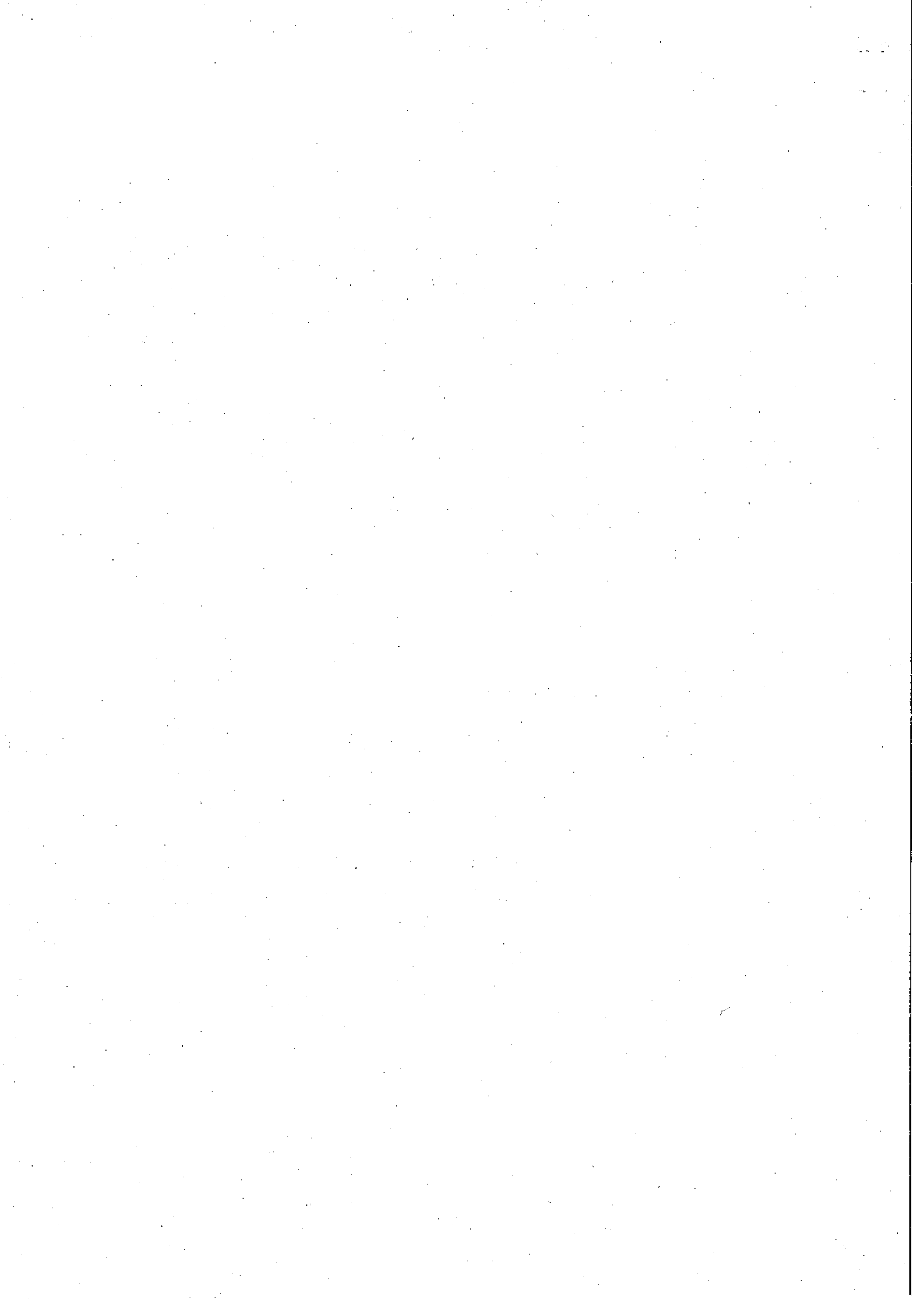
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Summary of Action Plan 2017-18 Puducherry

S.No.	Component	Unit	2017-18			Spill Over	
			Phy Target	Fin. Outlay	% of Outlay	Phy Target	Fin. Outlay
1	Nursery and planting Materials	No.	1	20.0	20.0	0.00	0.00
2	Establishment of new gardens	Ha.	165	31.5	31.5	44.85	17.94
3	Maintenance 1 & 2 Year	Ha.	71	4.9	4.9	0.00	0.00
4	Mushrooms		1	6.0	6.0	3.00	15.40
5	Rejuvenation/ replanting	Ha.	10.00	2.0	2.0	0.00	0.00
6	Post Harvest Management	No.	2	4.0	4.0	1.00	2.00
7	Markets	No.	10	1.5	1.5	1.00	5.25
8	Protected cultivation	Ha.	10.10	7.3	7.3	0.12	4.43
9	Beekeeping	No.	210	2.4	2.4	0.00	0.00
10	Human Resource Development	No.	280	8.0	8.0	0.00	0.00
11	Others (Awareness, Survey,)		0	4.4	4.4	0.00	0.00
12	Mission Management/ TSG			8.0	8.0	0.00	0.00
G. Total				100.0	100.0		45.02

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Annual Action Plan of Puducherry, 2017-18

Action Plan 2017-18

(Rs. in Lakhs)

S. No	Activity	Maximum permissible cost	Pattern of Assistance	AAP 2017-18		Spill Over		Remarks
				Phy Target	Fin. Outlay	Phy Target	Fin. Outlay	
1	2	3	4		6		6	
1	Plantation Infrastructure and Development							
	Strengthening of existing Tissue Culture (TC) units							
	a) Public Sector	Rs. 20.00 lakh	100% of cost to public sector	1	20.00		0.00	
	Sub-total Planting material			1.00	20.00	0.00	0.00	
2	Establishment of new gardens / Area Expansion							
	Fruit crops other than cost intensive crops using normal spacing (For a maximum area of 4 ha per beneficiary)							
	iii) Banana (sucker)							
	a) Integrated package with drip irrigation.	Rs. 2.00 lakh/ha	Maximum of Rs. 0.80 lakh/ha (40% of the cost) for meeting expenditure on planting material, drip irrigation and cost of material for INM/IPM, in 2 installments (75:25).		0.00		0.00	
	b) Without integration	Rs. 87,500/ha	Maximum of Rs. 0.35 lakh/ha (40% of cost) for meeting the expenditure on planting material and cost of INM/IPM in 2 installments (75:25). For (a) and (b) above, in the case of TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost in 2 installments.	60	11.70		0.00	
	Sub total			60	11.70	0	0.00	
	Maintenance without integration							
	1st Year				0.00		0.00	
	Sub total maintenance			0	0.00	0	0.00	
	v) Banana (TC)							
	a) Integrated package with drip irrigation.	Rs. 3.00 lakh/ha	Maximum of Rs. 1.20 lakh/ha (40% of cost) for meeting the expenditure on planting material and cost of material for drip system, INM/IPM etc., in 2 installments (75:25).		0.00		0.00	
	b) Without integration	Rs. 1.25 lakh/ha.	Max. of Rs. 0.50 lakh per ha, (40% of cost) for meeting the expenditure on planting material and cost of INM/IPM in 2 installments (75:25). For (a) and (b) above, in the case of TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost in 2 installments (75:25).	2	0.61		0.00	
	Sub total			2	0.61	0	0.00	
	Maintenance without integration							

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1st Year						0.00		0.00
Sub total maintenance						0.00		0.00
vii) Papaya								
a) Integrated package with drip irrigation.	Rs. 2.00 lakh/ha.	Maximum of Rs. 0.80 lakh/ha (40% of the cost) for meeting expenditure on planting material, drip irrigation and cost of material for INM/IPM, in 2 installments (75:25).				0.00		0.00
b) Without integration	Rs. 60,000/ha	Maximum of Rs. 0.30 lakh/ha (50% of cost) for meeting the expenditure on planting material and cost of INM/IPM in 2 installments (75:25).	1.0			0.23		0.00
		For (a) and (b) above, in the case of NE and Himalayan States, TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost in 2 installments (75:25).						
	Sub total		1			0.23	0	0.00
Maintenance without Integration								
1st Year						0.00		0.00
Sub total maintenance						0.00		0.00
ix) High density planting (mango, guava, litchi, pomegranate, apple, citrus etc).								
a) Integrated package with drip irrigation	Rs. 1.50 lakh /ha	Maximum of Rs. 0.60 lakh per ha. (40% of cost) for meeting the expenditure on planting material, cost of drip system, INM/IPM, canopy management etc., in 3 installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3 rd year.				0.00		0.00
b) Without integration.	Rs. 1.00 lakh/ha.	Maximum of Rs. 0.40 lakh/ha (40% of the cost) for meeting the expenditure on planting material and cost of INM/IPM in 3 installments (60:20:20).	3.0			0.53		0.00
		For (a) and (b) above, in the case of TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost in 3 installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3rd year)						
	Sub total		3			0.53	0	0.00
Maintenance without Integration								
1st Year								
2nd Year			63.76			4.35		0.00
			7.00			0.53		0.00
	Sub total maintenance		70.76			4.88	0.00	0.00
(b) Fruit crops other than cost intensive crops using normal spacing								

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a) Integrated package with drip irrigation	Rs. 1.00 lakh/ha	Maximum of Rs. 0.40 lakh/ha. (40% of cost) for meeting the expenditure on planting material, cost of drip system, INM/IPM, canopy management etc in 3 installments of 60:20:20 subject to survival rate of 75% in 2nd year & 90% in 3rd year for perennial crops and for non perennial crops in 2 installments of 75:25.			0.00			0.00
b) Without Integration	Rs. 60,000/ha	Maximum of Rs. 0.30 lakh/ha (50 % of cost) for meeting the expenditure on planting material and cost of INM/IPM in 3 installments of 60:20:20.	10	1.10				0.00
	Sub total		10	1.10	0			0.00
	Maintenance without Integration							
	1st Year							
	2nd Year			0.00				0.00
				0.00				0.00
	Sub total maintenance		0.00	0.00	0.00			0.00
	Vegetable (For maximum area of 2 ha per beneficiary)							
	Hybrid	Rs.50,000/ ha	70	14.00				0.00
	Sub-total		70.00	14.00	0			0.00
3	Flowers (For a maximum of 2 ha per beneficiary)							
	Cut flowers							
	Small & Marginal Farmers	Rs. 1.00 lakh/ha		0.00	44.85			17.94
	Other farmers	do		0.00				0.00
	Bulbulous flowers							
	Small & Marginal Farmers	Rs. 1.50 lakh/ha	1.0	0.60				0.00
	Other farmers	do		0.00				0.00
	Loose Flowers							
	Small & Marginal Farmers	Rs. 40,000/ha	15.0	2.40				0.00
	Other farmers	do		0.00				0.00
	Sub-total flowers		16.0	3.00	44.85			17.94
4	Spices (For a maximum area of 4 ha per beneficiary)							
	Seed spices and Rhizomatic spices	Rs. 30,000/ha	3	0.36				0.00

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Perennial spices (black pepper)	Rs. 50,000/ha.	Maximum of Rs. 20,000/- per ha (@40% of cost) for meeting the expenditure on planting material and cost of material for INM/IPM etc. For (i) and (ii) above, in the case of TSP areas, Andaman and Lakshadweep Islands, assistance will be @ 50% of cost.			0.00		0.00
Sub-total spices			3		0.36	0	0.00
Grand Total Area Expansion			165.00		31.53	44.85	17.94
Grand Total Area Expansion maintenance			70.76		4.88	0.00	0.00
Mushrooms							
Production unit							
Public Sector	Rs. 20.00 lakh/ unit	100% of the cost.			0.00		0.00
Private Sector	Rs. 20.00 lakh/ unit	40% of cost for private sector, for meeting the expenditure on infrastructure, as credit linked back ended subsidy.	1.0		6.00	2.0	9.40
Spawn making unit							
Public Sector	Rs. 15 lakh/ unit	100% of the cost.			0.00		0.00
Private Sector	Rs. 15 lakh/ unit	40% of cost for private sector, for meeting the expenditure on infrastructure, as credit linked back ended subsidy.			0.00	1.0	6.00
Sub-total mushrooms			1.00		6.00	3.00	15.40
5	Rejuvenation/ replacement of senile plantation including Canopy management. Mango	50% of the total cost subject to a maximum of Rs. 20,000/ha limited to two ha per beneficiary.	10.00		2.00		0.00
	Sub-total		10		2.00	0	0.00
5							
	Protected cultivation						
	(b) Naturally ventilated system						
	(i) Tubular structure	Rs. 1060/Sq.m	0.10		4.67		0.00
	Hilly areas.	Rs. 1290/Sq.m			0.00		0.00
	(i) Tubular structure	Rs. 935/Sq.m (>500 Sq. m up to 1008 Sq. m)			0.00	0.02	0.93
	c) Plastic Mulching						
	Plastic Mulching	Rs. 32,000/ha	10		1.60		0.00
	Plastic Mulching	Rs. 36,800/ha for hilly areas			0.00		0.00
	d) Shade Net House						
	i) Tubular structure	Rs. 710/Sq.m			0.00	0.10	3.50

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	Cost of planting material & cultivation of Rose and Jilum under poly house/shade net house	Rs. 426/Sq.m	50% of cost limited to 4000 Sq. m per beneficiary.	0.05	1.00			0.00	
	Sub-total protected cultivation			10.10	7.27	0.12	4.43		
8	Pollination support through beekeeping								
	Honey bee colony	Rs. 2000/colony of 8 frames	40% of cost limited to 50 colonies / beneficiary.	200	1.60		0.00		
	Hives	Rs 2000/ per hive.	40% of cost limited to 50 colonies / beneficiary.		0.00		0.00		
	Equipment including honey extractor (4 frame), food grade container (30 kg), net, etc.	Rs. 20,000/set	40% of the cost limited to one set per beneficiary.	10	0.80		0.00		
	Sub-total			210	2.40	0.00	0.00		
10	Human Resource Development (HRD)								
	Skill Development			5	0.82		0.00		Rs. 16420/ farmer for 200 hours training (100%of the cost)
	HRD for Gardeners	Rs. 15,00 lakh / unit	100% of the cost.		0.00		0.00		
	Within the State	Rs. 1000/day per farmer including transport	100% of the cost	200	1.50		0.00		
	Outside the State	Project based as per actual.	100% of the cost.	50	2.20		0.00		
	Training / study tour of technical staff/ field functionaries								
	Study tour to progressive States/ units (group of minimum 5 participants)	Rs. 800/day per participant plus T/ADA, as admissible	100% of the cost.	25	3.50		0.00		
	Sub-total			280.00	8.02	0.00	0.00		
11	INTEGRATED POST HARVEST MANAGEMENT								
	Pack house / On farm collection & storage unit	Rs. 4,00 lakh/unit with size of 9Mx6M	50% of the capital cost.	2	4.00	1	2.00		
	Sub-total			2.00	4.00	1.00	2.00		
12	ESTABLISHMENT OF MARKETING INFRASTRUCTURE FOR HORTICULTURAL PRODUCE								
	Retail Markets/ outlets (environmentally controlled)								
	a) General Area	Rs. 15,00 lakh /unit	Credit linked back-ended subsidy @ 35% of the capital cost of project in general areas and 50% in case of Hilly & Scheduled areas, per beneficiary.		0.00	1	5.25		Minutes of SLEEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds.
	b) Hilly Area	Rs. 15,00 lakh /unit	Credit linked back-ended subsidy @ 35% of the capital cost of project in general areas and 50% in case of Hilly & Scheduled areas, per beneficiary.		0.00		0.00		Minutes of SLEEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds.

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Static/Mobile Vending Cart/ platform with cool chamber.	Rs. 30,000/ unit	50% of total cost.	10	1.50	0.00	Minutes of SLEC meeting to be submitted along with details of beneficiaries, location.
Sub-total	Total MKT		10.00	1.50	1.00	5.25
13	Mission Management		10.00	1.50	1.00	5.25
State & Districts Mission Offices and implementing agencies for administrative expenses, project, preparation, computerization, contingency etc.	5% of total annual expenditure on the basis of appraised needs to State Horticulture Mission (SHM) / Implementing Agencies	100% assistance.		8.00		
Institutional Strengthening, hire/purchase of vehicles, hardware/software	Project based	100% assistance.		4.00		
Technical Support Group (TSG) at State Level for hiring experts/staff, studies, monitoring & concurrent evaluation/evaluation, mass media, publicity, video conference etc.	Project based, subject to a ceiling of Rs. 50.00 lakh per annum/state	100% of cost		0.40		
Sub-total			0.00	12.40	0.00	
Grand Total			759.86	100.00	49.97	45.02

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