

F. No. 33-16/2017-MIDH (AAP)
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation & Farmers Welfare
(Horticulture Division)

Room No.- 434
Krishi Bhawan, New Delhi
Dated: 25th August, 2017

To

Director of Horticulture & Mission Director
Directorate of Horticulture & Farm Forestry
6th Floor, Vindhyachal Bhavan,
Bhopal-462 001

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,

In continuation of this Ministry's earlier letter of even number dated 05.07.2017 regarding approval of AAP 2017-18, I am directed to convey approval for implementation of National Horticulture Mission (NHM) programme under MIDH in the State of **Madhya Pradesh** during 2017-18 with total outlay of Rs. 9705.0 lakh (including Rs. 2146.0 Lakh Spill over activity/ unspent balance) as per following details:

	(Rs. In lakh)		
	GOI Share (60%)	State Share (40%)	Total
Total Outlay-2017-18	4535.4	3023.6	7559.0
Spill over Activity/ Unspent Balance	1288.0	858.0	2146.0
Total	5823.4	3881.6	9705.0

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,



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- 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.
 - 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.

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- 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)

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Summary of Action Plan 2017-18: Madhya Pradesh

S. No.	Component	Unit	2017-18				% of Outlay	Spill Over	
			Phy Target	Fin. Outlay	Gol Share	State Share		Phy Target	Fin. Outlay
2	Nursery and planting Materials	No.	2	700.0	420.0	280.0	9.3	15.2	170.8
3	Establishment of new gardens	Ha.	750	183.8	110.3	73.5	2.4	418.7	127.6
4	Maintenance 1 & 2 Year	Ha.	1778	160.0	96.0	64.0	2.1	48.3	3.2
5	Mushroom		8	52.0	31.2	20.8	0.7	0.0	0.0
6	Rejuvenation/ replanting	Ha.	700	140.0	84.0	56.0	1.9	530.9	106.2
7	Promotion of IPM/INM	Ha.	1000	37.0	22.2	14.8	0.5	40.8	0.5
8	Adoption of Organic Farming	Ha./No	0	0.0	0.0	0.0	0.0	40.5	18.6
9	FLD+ PFDC+GAP	No.	0	0.0	0.0	0.0	0.0	0.0	0.0
10	Post Harvest Management	No.	187	3502.1	2101.3	1400.8	46.3	116.0	984.0
11	Food Processing	No.	0	0.0	0.0	0.0	0.0	0.0	0.0
12	Markets	No.	54	38.0	22.8	15.2	0.5	0.0	0.0
13	Creation of Water resources	No.	0	0.0	0.0	0.0	0.0	0.0	0.0
14	Protected cultivation	Ha.	2130	1501.5	900.9	600.6	19.9	1202.5	711.3
15	Horticulture Mechanization	No.	0	0.0	0.0	0.0	0.0	18.0	10.8
16	Beekeeping	No.	10253	112.0	67.2	44.8	1.5	102.0	4.9
17	Human Resource Development	No.	38	167.6	100.5	67.0	2.2	651.0	6.5
18	CoE for Horticulture	No.	0	0.0	0.0	0.0	0.0	0.0	0.0
19	Special Interventions	No.	22	463.9	278.3	185.6	6.1	0.0	0.0
20	Awareness, Survey,		44	124.0	74.4	49.6	1.6	1.0	1.6
21	Mission Management/ TSG			377.2	226.3	150.9	5.0	0.0	0.0
	Total			7559.0	4535.4	3023.6	100.0	3184.9	2146.0

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Annual Action Plan of Madhya Pradesh, 2017-18

Action Plan 2017-18										
S. No	Activity	Maximum permissible cost	Pattern of Assistance	AAP 2017-18			Spill Over		Remark	
				Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target		Fin. Outlay
1	2	3	4		6	7	8		6	
I Plantation Infrastructure and Development										
Production of planting material Public Sector										
Hi-tech nursery (4ha)										
	a) Public Sector	Rs. 25.00 lakh/ha	100% to public sector limited to Rs 100 lakh/unit and in case of private sector, credit linked back-ended subsidy @ 40% of cost, subject to a maximum of Rs. 40 lakh/unit, for a maximum of 4 ha. as project based activity on prorata basis. Each nursery will produce a minimum of 50,000 numbers per hectare of mandated perennial fruit crops/ tree spices/ aromatic trees/plantation crops per year, duly certified for its quality.	2	200.00	120.00	80.00		0.00	Project to be submitted
	b) Private Sector	Rs. 25 lakh/ha unit			0.00	0.00	0.00		0.00	Project to be submitted
Small Nursery (1 ha)										
	a) Public Sector	Rs. 15 lakh/one ha unit	100% to public sector and in case of private sector, credit linked back-ended subsidy @ 50% of cost, subject to a maximum of Rs. 7.50 lakh/unit, as project based activity. Each nursery will produce a minimum of 25,000 numbers of mandated perennial vegetatively propagated fruit plants/tree spices/plantation crops aromatic plants, per year, duly certified for its quality.		0.00	0.00	0.00		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiaries, location, bank loan etc to facilitate release of funds.
	b) Private Sector	Rs. 15 lakh/one ha unit			0.00	0.00	0.00		0.00	do
Upgrading nursery Infrastructure to meet accreditation norms (4 ha)										
	a) Public Sector	Up to Rs. 10.00 lakh/nursery of 4 ha, on prorata basis	100% of Public Sector		0.00	0.00	0.00		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds
	b) Private sector	Up to Rs. 10.00 lakh/nursery of 4 ha, on prorata basis	50% of cost to Private sector subject to a maximum of Rs. 5.00 lakh/nursery.		0.00	0.00	0.00		0.00	
Strengthening of existing Tissue Culture (TC) units										
	a) Public Sector	Rs. 20.00 lakh	100% of cost to public sector		0.00	0.00	0.00		0.00	
	b) Private sector	Rs. 20.00 lakh	50% of cost to private sector		0.00	0.00	0.00		0.00	
Setting up of new TC Units.										
	a) Public Sector	Rs. 250.00 lakh	100% of cost to public sector		0.00	0.00	0.00		0.00	Project to be submitted

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	b) Private sector	Rs. 250.00 lakh	40% of cost to private sector		0.00	0.00	0.00	2	166.22	Project to be submitted
Seed production for vegetables and spices										
Open pollinated crops										
	a) Public Sector	Rs. 35,000/ha	100% of cost, limited to 5 ha. Output target of seed for each crop will be fixed by the individual state.		0.00	0.00	0.00	13	4.60	
	b) Private sector	Rs. 35,000/ha	35% in general areas and 50% in NE & Himalayan States, Tribal Sub Plans (TSP) areas, Andaman & Nicobar & Lakshadweep Islands, limited to 5 ha. Output target of seed for each crop will be fixed by the individual state.		0.00	0.00	0.00		0.00	
Hybrid seeds										
	a) Public Sector	Rs. 1.50 lakh/ha	100% of cost, limited to 5 ha. Output target of seed for each crop will be fixed by the individual state.		0.00	0.00	0.00		0.00	
	b) Private sector	Rs. 1.50 lakh/ha	35% in general areas and 50% in NE & Himalayan States, Tribal Sub Plans (TSP) areas, Andaman & Nicobar & Lakshadweep Islands, limited to 5 ha. Output target of seed for each crop will be fixed by the individual state.		0.00	0.00	0.00		0.00	
Import of planting material for trial & demonstration purpose (By State Government,PSU)										
	a) Public sector	Rs. 100.00 lakh	100% of cost for State Govt. PSUs, as project based		0.00	0.00	0.00		0.00	do
Seed infrastructure										
	a) Public sector	Rs. 200.00 lakh	100% of cost		0.00	0.00	0.00		0.00	
	b) Private sector	Rs. 200.00 lakh	50% of cost	5	500.00	300.00	200.00		0.00	
	Sub-total Planting material			7.00	700.00	420.00	280.00	15.15	170.82	
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)										
Fruits - Perennials										
(a) Cost intensive crops										
	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	0.00	26.56	23.90	

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).	250	93.75	56.25	37.50	0.13	0.05	(1.8m x 1.8m)
Sub total			250	93.75	56.25	37.50	26.69	23.95	
Maintenance with Integration									
1st Year			111.00	33.30	19.98	13.32		0.00	
Sub total maintainance			111.00	33.30	19.98	13.32		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	0.00	31.35	18.81	
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). 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).		0.00	0.00	0.00		0.00	
Sub total			0	0.00	0.00	0.00	31.35	18.81	
Maintenance with Integration									
1st Year			15	3.00	1.80	1.20		0.00	
Sub total maintainance			15	3.00	1.80	1.20	0	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	0.00	25.26	9.09	

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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). 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)		0.00	0.00	0.00		0.00	
Sub total			0	0.00	0.00	0.00	25	9.09	
Maintenance with Integration									
1st Year									
Mango			38.00	4.56	2.74	1.82		0.00	
Guava			28.00	3.36	2.02	1.34	4.40	0.18	
2nd Year									
Mango			26.00	3.12	1.87	1.25		0.00	
Guava			41.00	4.92	2.95	1.97	16.40	0.98	
Maintenance without integration									
2nd Year									
Mango			29.00	2.32	1.39	0.93	22.50	1.80	
Guava			65.00	5.20	3.12	2.08	2.00	0.16	
Sub total maintainance			227.00	23.48	14.09	9.39	45.30	3.13	
(b) Fruit crops other than cost intensive crops using normal spacing									
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	0.00	190	45.60	
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.	500	90.00	54.00	36.00		0.00	
Sub total			500	90.00	54.00	36.00	190	45.60	
Maintenance with Integration									
1st Year									
Citrus			600	48.00	28.80	19.20			
Guava			10	0.80	0.48	0.32			
2nd Year									
Mango			35	2.80	1.68	1.12			
Guava			10	0.80	0.48	0.32			
Citrus			80	6.40	3.84	2.56			

Sub total

	Pomegranate				0.00	0.00	0.00		
	Litchi				0.00	0.00	0.00		
	Maintenance without Integration								
	1st Year								
	Guava				0.00	0.00	0.00		0.00
	2nd Year								
	Guava			80.00	4.80	2.88	1.92	3.03	0.11
	Mango			10.00	0.60	0.36	0.24		
	Citrus			600.00	36.00	21.60	14.40		
	Sub total maintainance			1425.00	100.20	60.12	40.08	3.03	0.11
	Vegetable (For maximum area of 2 ha per beneficiary)								
	Hybrid	Rs.50,000/ ha	40% of cost in general areas		0.00	0.00	0.00	117	23.48
	Sub-total			0.00	0.00	0.00	0.00	117	23.48
3	Flowers (For a maximum of 2 ha per beneficiary)								
	Cut flowers								
	Small & Marginal Farmers	Rs. 1.00 lakh/ha	40% of cost		0.00	0.00	0.00		0.00
	Other farmers	do	25% of the cost		0.00	0.00	0.00		0.00
	Bulbulous flowers								
	Small & Marginal Farmers	Rs. 1.50 lakh/ha	40 % of the cost		0.00	0.00	0.00	4.1	2.46
	Other farmers	do	25% of cost		0.00	0.00	0.00	4.0	1.50
	Loose Flowers								
	Small & Marginal Farmers	Rs. 40,000/ha	40% of cost		0.00	0.00	0.00	11.8	1.88
	Other farmers	do	25% of cost		0.00	0.00	0.00	6.5	0.65
	Sub-total flowers			0.0	0.00	0.00	0.00	26.4	6.49
4	Spices (For a maximum area of 4 ha per beneficiary)								
	Seed spice and Rhizomatic spices	Rs.30,000/ha	Maximum of Rs. 12,000/- per ha. (40% of cost) for meeting the expenditure on planting material and cost of material for INM/IPM etc).		0.00	0.00	0.00	1.68	0.20
	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	0.00		0.00
	Sub-total spices			0	0.00	0.00	0.00	1.68	0.20
	Aromatic Plants (For a maximum area of 4 ha per beneficiary)								
	(a) Cost intensive aromatic plants	Rs. 1,00,000/ha	40% of cost, subject to a maximum of Rs.40,000/- per ha, for meeting the expenditure on planting material and cost of material for INM/IPM etc.		0.00	0.00	0.00		0.00

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	(b) Other aromatic plants	Rs. 40,000/ha	40% of cost, subject to a maximum of Rs.16,000/- per ha, 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 & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost.		0.00	0.00	0.00		0.00	
	Sub-total aromatics			0.0	0.00	0.00	0.00	0.0	0.00	
	Grand Total Area Expansion			750.00	183.75	110.25	73.50	418.73	127.63	
	Grand Total Area Expansion maintenance			1778.00	159.98	95.99	63.99	48.33	3.24	
	Mushrooms									
	Production unit									
	Public Sector	Rs. 20.00 lakh/ unit	100% of the cost.		0.00	0.00	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.	2.0	16.00	9.60	6.40		0.00	
	Spawn making unit					0.00	0.00			
	Public Sector	Rs. 15 lakh/ unit	100% of the cost.		0.00	0.00	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.	6.0	36.00	21.60	14.40		0.00	
	Sub-total mushrooms			8.00	52.00	31.20	20.80	0.00	0.00	
5	Rejuvenation/ replacement of senile plantation including Canopy management. Mango	Rs. 40,000/ha	50% of the total cost subject to a maximum of Rs. 20,000/ha limited to two ha per beneficiary.	700.00	140.00	84.00	56.00	530.85	106.17	To be implemented as per guidelines circulated
	Sub-total			700	140.00	84.00	56.00	531	106.17	
5	Protected cultivation									
	(b) Naturally ventilated system									
	(i) Tubular structur	Rs.1060/Sq.m	50% of the cost limited to 4000 Sq.m per beneficiary.		0.00	0.00	0.00		0.00	
	Hilly areas.	Rs.1290/Sq.m	do		0.00	0.00	0.00		0.00	
	(i) Tubular structur	Rs. 935/Sq.m (>500 Sq. m up to 1008 Sq. m)	50% of the cost limited to 4000 Sq.m per beneficiary.		0.00	0.00	0.00		0.00	
	(i) Tubular structur	Rs. 890/Sq. m (>1008 Sq.m up to 2080 Sq. m)	50% of the cost limited to 4000 Sq.m per beneficiary.		0.00	0.00	0.00	2.81	125.05	
	(i) Tubular structur	Rs. 844/Sq. m (>2080 Sq. m up to 4000 Sq. m)	50% of the cost limited to 4000 Sq.m per beneficiary.	15.00	633.00	379.80	253.20	6.95	293.29	
	c) Plastic Mulching					0.00	0.00			
	Plastic Mulching	Rs. 32,000/ha	50% of the total cost limited to 2 ha per beneficiary.	2100	336.00	201.60	134.40	1188	190.10	
	Plastic Mulching	Rs. 36,800/ha for hilly areas	50% of the total cost limited to 2 ha per beneficiary.		0.00	0.00	0.00		0.00	
	d) Shade Net House					0.00	0.00			

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	i) Tubular structure	Rs. 710/Sq.m	50% of cost limited to 4000 Sq.m per beneficiary.	15.00	532.50	319.50	213.00	1.51	53.49	
	i) Tubular structure	Rs. 816/Sq.m for hilly areas	50% of cost limited to 4000 Sq.m per beneficiary.		0.00	0.00	0.00		0.00	
	f) Cost of planting material & cultivation of high value vegetables grown in poly house	Rs.140/Sq. m	50% of cost limited to 4000 Sq.m per beneficiary.		0.00	0.00	0.00	1.32	9.24	
	h) Cost of planting material & cultivation of Carnation & Gerbera under poly house/shade net house.	Rs. 610/Sq.m	50% of cost limited to 4000 Sq. m per beneficiary.		0.00	0.00	0.00	0.20	6.10	
	i) Cost of planting material & cultivation of Rose and lilum under poly house/shade net house	Rs. 426/Sq.m	50% of cost limited to 4000 Sq. m per beneficiary.		0.00	0.00	0.00	1.60	34.08	
	Sub-total protected cultivation			2130.00	1501.50	900.90	600.60	1202.52	711.34	
6	Promotion of Integrated Nutrient Management(INM)/ Integrated Pest									
	Promotion of IPM	Rs. 4000/ha	30% of cost subject to a maximum of Rs 1200/ha limited to 4.00 ha/ beneficiary.	1000	12.00	7.20	4.80	41	0.49	To be need based and taken up after identifying problem of pest / disease and nutrient deficiency.
	Promotion of INM	Rs. 4000/ha	30% of cost subject to a maximum of Rs 1200/ha limited to 4.00 ha/ beneficiary.		0.00	0.00	0.00		0.00	do
	Disease forecasting unit (PSUs)	Rs. 6.00 lakh/unit	100 % of costs.		0.00	0.00	0.00		0.00	
	Plant Health Clinic									
	a) Public Sector	Rs. 25.00 lakhs/unit	100% to Public sector	1	25.00	15.00	10.00		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds.
	b) Private Sector	Rs. 25.00 lakhs/unit	50% to private sector.		0.00	0.00	0.00		0.00	Project to be submitted
	Sub-total INM / IPM			1001	37.00	22.20	14.80	41	0.49	
7	Adoption Organic Farming									
	iii) Vermi compost Units /organic input production unit									
	i) Vermi compost Units	Rs.1,00,000/ unit for permanent structure and Rs. 16,000/unit for HDPE Vermibed.	50% of cost conforming to the size of the unit of 30'x8'x2.5' dimension of permanent structure to be administered on pro-rata basis. 50% of cost conforming to the size of 96 cft (12'x4'x2') and IS 15907:2010 to be administered on pro-rata basis.		0.00	0.00	0.00	37	18.27	Designs para meter of HDPE beds will conform to BIS standards (IS 15907: 010)
	ii) Vermibeds	do	do		0.00	0.00	0.00	4	0.32	
	Sub-total			0.00	0.00	0.00	0.00	40.53	18.59	
8	Pollination support through beekeeping									
	Production of nucleus stock (Public sector)	Rs. 20.00 lakh	100% of the cost.		0.00	0.00	0.00		0.00	
	Production of bee colonies by bee breeder	Rs. 10.00 lakh	40% of cost for producing min. of 2000 colonies / year	3	12.00	7.20	4.80	1	4.00	

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	Honey bee colony	Rs.2000/colony of 8 frames	40% of cost limited to 50 colonies / beneficiary.	5000	40.00	24.00	16.00	50	0.40	
	Hives	Rs 2000/ per hive.	40% of cost limited to 50 colonies / beneficiary.	5000	40.00	24.00	16.00	50	0.40	
	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.	250	20.00	12.00	8.00	1	0.08	
	Sub-total			10253	112.00	67.20	44.80	102.00	4.88	
9	Horticulture Mechanization									
	i) Tractor (upto 20 PTO HP)	3.00 lakh/unit	25% of cost, subject to a maximum of Rs. 0.75 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal famers, women farmers and beneficiaries in NE states, 35% of cost, subject to a maximum of Rs. 1.00 lakh per unit.		0.00	0.00	0.00	5	3.75	
	ii) Power Tiller									
	a) Power tiller (below 8 BHP)	1.00 lakh per unit	Subject to a maximum of Rs.0.40 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.50 lakh/unit.		0.00	0.00	0.00	6	2.40	
	b) Power tiller (8 BHP & above)	1.50 lakh per unit	Subject to a maximum of Rs.0.60 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.75 lakh/unit.		0.00	0.00	0.00	6	3.60	
	iv) Self-propelled Horticulture Machinery	2.50 lakh per unit	Subject to a maximum of Rs. 1.00 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 1.25 lakh/unit.		0.00	0.00	0.00	1	1.00	
	Sub-total			0	0.00	0.00	0.00	18	10.75	
	Technology Dissemination through demonstration/ Front Line Demonstration (FLD)	Rs. 25.00 lakh	75 % of cost in farmers' field and 100% of cost in farms belonging to Public Sector, SAUs etc. No change		0.00	0.00	0.00		0.00	Project to be submitted
10	Human Resource Development (HRD)									
	Skill Development				0.00	0.00	0.00		0.00	Rs.16420/ farmer for 200 hours training (100%of the cost)
	HRD for Supervisors & Entrepreneurs	Rs. 20.00 lakh / unit	100% of the cost in first year. In subsequent years, cost of infrastructure not to be claimed.		0.00	0.00	0.00		0.00	

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	HRD for Gardeners	Rs. 15.00 lakh / unit	100% of the cost.		0.00	0.00	0.00		0.00	
Training of farmers										
	Within the State	Rs. 1000/day per farmer including transport	100% of the cost.	0		0.00	0.00	651	6.51	three days training
	Outside the state	Project based as per actual.	100% of the cost.			0.00	0.00		0.00	five days training
(e) Exposure visit of farmers										
	Outside the State	Project based as per actual.	100% of the cost.		0.00	0.00	0.00		0.00	
	Outside India	Rs. 4.00 lakh / participant	Project Based. 100% of air/rail travel cost.	30.00	119.57	71.74	47.83		0.00	Project to be submitted
Training / study tour of technical staff/ field functionaries										
	Within the State	Rs. 300/day per participant plus TA/DA, as admissible	100% of the cost.		0.00	0.00	0.00		0.00	
	Study tour to progressive States/ units (group of minimum 5 participants)	Rs. 800/day per participant plus TA/DA, as admissible	100% of the cost.			0.00	0.00		0.00	
	Outside India	Rs. 6.00 lakh / participant	100% of the cost on actual basis.	8	48.00	28.80	19.20		0.00	
	Sub-total			38.00	167.57	100.54	67.03	651.00	6.51	
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.	49	98.00	58.80	39.20	34	68.80	Minutes of SLEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds.
	Integrated pack house with facilities for conveyer belt, sorting, grading units, washing, drying and weighing.	Rs. 50.00 lakh per unit with size of 9Mx18M	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.							
	a) General Area	Rs. 50.00 lakh per unit with size of 9Mx18M	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.	4	70.00	42.00	28.00		0.00	
	b) Hilly Area	Rs. 50.00 lakh per unit with size of 9Mx18M	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	
Cold Storage (Construction, Expansion and Modernisation)										
i) Cold storage units Type 1 - basic mezzanine structure with large chamber (of >250 MT)										
	a) General Area	Rs. 8,000/MT, (max 5,000 MT capacity)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.	17	2380.00	1428.00	952.00	13	802.86	

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	b) Hilly Area	Rs. 8,000/MT, (max 5,000 MT capacity)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	
ii) Cold Storage Unit Type 2 – PEB structure for multiple temperature and product use,										
	a) General Area	Rs. 10,000/MT, (max 5,000 MT capacity)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	Project to be submitted
	b) Hilly Area	Rs. 10,000/MT, (max 5,000 MT capacity)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	Project to be submitted
iii) Cold Storage Units Type 2 with add on technology for Controlled Atmosphere										
	a) General Area	Additional Rs. 10,000/MT for add on components of controlled atmosphere technology. Details are as per Appendix - II	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.	1	350.00	210.00	140.00		0.00	Project to be submitted
	b) Hilly Area	Additional Rs. 10,000/MT for add on components of controlled atmosphere technology. Details are as per Appendix - II	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	Project to be submitted
Technology induction and modernisation of cold-chain										
	a) General Area	Max Rs. 250.00 lakh for modernization of PLC equipment, packaging lines, dock levelers, advanced graders, alternate technologies, stacking systems,	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	Project to be submitted
	b) Hilly Area	Max Rs. 250.00 lakh for modernization of PLC equipment, packaging lines, dock levelers, advanced graders, alternate technologies, stacking systems,	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	Project to be submitted
	C.A/M.A. Storage units -	Rs. 32,000/ MT for 5000 MT capacity	Credit linked back-ended subsidy @40% of the cost of project in General areas.		0.00	0.00	0.00		0.00	
Refer vans/ containers (general areas)										Project to be submitted

a) General Area	Rs. 26.00 lakh for 9 MT (NHM & HMNEH), and prorata basis for lesser capacity, but not below 4 MT.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case of Hilly & Scheduled areas, per beneficiary.	1	9.10	5.46	3.64		0.00	Project to be submitted
b) Hilly Area	Rs. 26.00 lakh for 9 MT (NHM & HMNEH), and prorata basis for lesser capacity, but not below 4 MT.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case of Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	Project to be submitted
Ripening chamber project in general areas	Rs. 1.00 lakh/MT.	-do-	3	315.00	189.00	126.00	4	61.62	Project to be submitted.
Ripening chamber project in Hilly areas	Rs. 1.00 lakh/MT.	-do-		0.00	0.00	0.00		0.00	
Evaporative / low energy cool chamber (8 MT)	Rs. 5.00 lakh/unit	50% of the total cost.	112	280.00	168.00	112.00		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds.
Primary/ Mobile / Minimal processing unit									Project to be submitted
a) General Area	Rs. 25.00 lakh/unit.	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	
b) Hilly Area	Rs. 25.00 lakh/unit.	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	Project to be submitted
Preservation unit (low cost)	Rs.2.00 lakh/unit for new unit and Rs.1.00lakh/unit for up-gradation	50% of the total cost.							
New unit	Rs.2.00 lakh/unit for new unit			0.00	0.00	0.00		0.00	
Upgraded unit	Rs.1.00lakh/unit for up-gradation			0.00	0.00	0.00		0.00	
Low cost onion storage structure (25 MT)	Rs. 1.75 lakh/per unit	50% of the total cost.		0.00	0.00	0.00	65	50.76	Minutes of SLEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds.
Pusa Zero energy cool chamber (100 kg)	Rs. 4000 per unit	50% of the total cost.		0.00	0.00	0.00		0.00	
Integrated Cold Chain supply System									

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	a) General Area	Project Based. Project should comprise of minimum two components listed under C.1 to C.13 above, with maximum cost of Rs. 600.00 lakh.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	
	b) Hilly Area	Project Based. Project should comprise of minimum two components listed under C.1 to C.13 above, with maximum cost of Rs. 600.00 lakh.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	
	Sub-total			187.00	3502.10	2101.26	1400.84	116.00	984.04	
12	ESTABLISHMENT OF MARKETING INFRASTRUCTURE FOR									
	Rural Markets/ Apni mandies/Direct markets									
	Project to be submitted									
	a) General Area	Rs. 25.00 lakh	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled areas, per beneficiary.	2	20.00	12.00	8.00		0.00	Project to be submitted
	b) Hilly Area	Rs. 25.00 lakh	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00		0.00	Project to be submitted
	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.	2	10.50	6.30	4.20		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiareis, localiton, 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	0.00		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiareis, localiton, etc to facilitate release of funds.
	Static/Mobile Vending Cart/ platform with cool chamber.	Rs. 30,000/ unit	50% of total cost.	50	7.50	4.50	3.00		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiareis, localiton, etc to facilitate release of funds.
	Sub-total			54.00	38.00	22.80	15.20	0.00	0.00	
	Total MKT									
	54.00 38.00 22.80 15.20 0.00 0.00									
	SPECIAL INTERVENTIONS									
	Value Chain Analysis on Orange in Aqar Malwa	10% of outlay	50% of cost, based on project proposal.	1.0	424.0	254.4	169.6			

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	Solar Dryer	10% of outlay	50% of cost, based on project proposal.	20.0	5.0	3.0	2.0			Solar Dryer
	Common Facility Centre for food processing	10% of outlay	50% of cost, based on project proposal.	1.0	34.9	20.9	14.0			
	Tackling of emergent /unforeseen requirements of SHMs	Rs.20.00 lakh	50% of cost, based on project proposal.		0.0	0.0	0.0		0.00	
	Sub-total			22.0	463.9	278.3	185.6	0.00	0.00	
13	Mission Management									
	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.		377.20	226.32	150.88			
	Institutional Strengthening, hire/purchase of vehicles, hardware/software	Project based	100% assistance.		15.00	9.00	6.00			
	Seminars, conferences, workshops, exhibitions, Kisan Mela, horticulture shows, honey festivals etc.									Minutes of SLEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds.
	International level	Rs. 7.50 lakh per event.	100% of cost per event of 4 days, on pro rata basis.		0.00	0.00	0.00		0.00	
	National level	Rs. 5.00 lakh per event.	100% of cost per event of two days.	1	5.00	3.00	2.00		0.00	
	State level	Rs. 3.00 lakh /event	100% assistance subject to a maximum of Rs.3.00 lakh per event of two days.	3	9.00	5.40	3.60		0.00	
	District level	Rs. 2.00 lakh /event	100% assistance subject to a maximum of Rs.2.00 lakh per event of two days.	40	80.00	48.00	32.00	1	1.55	
	Information dissemination through publicity, printed literature etc and local advertisements	Rs. 0.40 lakh/ block	100% of cost.		5.00	3.00	2.00		0.00	
	Development of technology packages in electronic form to be shared through IT network	Rs. 1.00 lakh/ district	100% of Cost		0.00	0.00	0.00		0.00	
	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		10.00	6.00	4.00			
	Sub-total			44.00	501.20	300.72	200.48		1.55	
	Grand Total			16972.00	7559.00	4535.40	3023.60	3183.94	2146.00	

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