

**F. No. 33-23/2016-MIDH (AAP)  
Government of India  
Ministry of Agriculture  
Department of Agriculture & Cooperation  
(Horticulture Division)**

Room No.- 434  
Krishi Bhawan, New Delhi  
Dated: 08 July, 2016

To

The Director of Horticulture  
State Horticulture Mission  
Government of Maharashtra  
Directorate of Horticulture  
ShivajiNagar, Pune – 411 005

**Subject: Implementation of National Horticulture Mission (NHM) under Mission for Integrated Development of Horticulture (MIDH) programme- Approval of Annual Action Plan (AAP) 2016-17-regarding.**

Sir,

I am directed to convey approval for implementation of National Horticulture Mission (NHM) programme under MIDH in the State of **Maharashtra** during 2016-17 with total outlay of **Rs. 16577.5 lakh** (including Rs. 4310.5 Lakh Spill over activity/ unspent balance) as per following details:

	(Rs. In lakh)		
	GOI Share (60%)	State Share (40%)	Total
<b>Total Outlay-2016-17</b>	7356.2	4910.8	12267.0
<b>Spill over Activity/ Unspent Balance</b>	2586.3	1724.2	4310.5
<b>Total</b>	9942.5	6635.0	16577.5

2. The component wise details of Annual Action Plan, 2016-17 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

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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.
- 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.
- XV. The SHM should also conduct Impact Evaluation Study through independent organization of repute in the State.

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- 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 2014-15 and Utilization Certificate for 2015-16, if not submitted so far, should be furnished to facilitate release of funds during 2016-17.
- 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](http://www.nhm.nic.in) by the 5<sup>th</sup> of every month and certified hard copy be furnished to this Department by the 10<sup>th</sup> 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 implementing agency should follow the instructions contained in the Department Letter No. 33-2/2016-MIDH(AAP) dated 03/05/2016 and 18-9/2016-MIDH(NHM) dated 22/04/2016. The SHM is also requested to implement the scheme keeping in view the broad discussions held during review meeting held on 4<sup>th</sup> – 6<sup>th</sup> April, 2016.

**Encl: as above**

Yours faithfully,



**(M.K. Mishra)**

Under Secretary (MIDH)

Ph. No. 011-23074238

Email: [mrityunjaya.m@nic.in](mailto:mrityunjaya.m@nic.in)

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S.NO	Activities	Unit	Phy Target	Financial Outlay	GOI Share	State Share	% of total outlay
1	Nursery and planting Materials	No.	6.0	208.0	124.8	83.2	1.7
2	Est of new gardens / Area Expansion +Mushrooms	Ha.	2285.0	374.1	224.5	149.6	3.0
3	Maintenances 1 & 2 Year	Ha.	401.0	44.5	26.7	17.8	0.4
4	Rejuvenation/ replanting	Ha.	365.0	73.0	43.8	29.2	0.6
5	Creation of Water resources	No.	215.0	1893.8	1136.3	757.5	15.4
6	Protected cultivation	Ha.	487.0	4285.0	2571.0	1714.0	34.9
7	Promotion of IPM/INM	Ha.	3.0	125.0	75.0	50.0	1.0
8	Adoption of Org Farm + Vermi compost Units	Ha.	1657.0	129.0	77.4	51.6	1.1
9	Centre of Excellence	No.	3.0	260.0	156.0	104.0	2.1
10	Beekeeping	No.	626.0	13.0	7.8	5.2	0.1
11	Horticulture Mechanization	No.	1899.0	849.8	505.9	343.9	6.9
12	FLD	No.	0.0	0.0	0.0	0.0	0.0
13	Human Resource Development (HRD)	No.	2700.0	159.0	95.4	63.6	1.3
14	Post Harvest Management	No.	622.0	3053.1	1831.9	1221.3	24.9
15	Markets	No.	16.0	96.3	57.8	38.5	0.8
16	Awareness, survey, Special Intervention etc.		38.0	90.0	54.0	36.0	0.7
17	Mission Management		0.0	613.4	368.1	245.4	5.0
18	Institutions		0.0	0.0	0.0	0.0	0.0
19	TSG		0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>11323.0</b>	<b>12267.0</b>	<b>7356.2</b>	<b>4910.8</b>	<b>100.0</b>
	Spill over		682.0	4310.5	2586.3	1724.2	
	<b>Grand Total</b>		<b>12005.0</b>	<b>16577.5</b>	<b>9942.5</b>	<b>6635.0</b>	

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Component wise details for Physical Target and Financial outlay approved for implementation of NHM Programmes during 2016-17 Maharashtra  
Action Plan 2016-17

S. No	Activity	Maximum permissible	Pattern of Assistance	Priv Target	Fin. Outlay	GOI Share 60%	State Share 40%	Spill over	Remarks
								Priv Target	Fin. Outlay
1	2	3	4	5	6	7	8	9	10
1	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.		0.00	0.00	0.00		50
	b) Private Sector	Rs. 25 lakh/ha unit	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.		0.00	0.00	0.00		
	<b>Upgrading nursery infrastructure to meet accreditation norms (4 ha)</b>								
	a) Public Sector	Up to Rs. 10.00 lakh/nursery of 4 ha, on prorata basis.	100% of Public Sector		30.00	18.00	12.00		
	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		
	<b>Strengthening of existing Tissue Culture (TC) units</b>								
	a) Public Sector	Rs. 20.00 lakh	100% of cost to public sector		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		
	<b>Setting up of new TC Units.</b>								
	a) Public Sector	Rs. 250.00 lakh	100% of cost to public sector		0.00	0.00	0.00		
	b) Private sector	Rs. 250.00 lakh	40% of cost to private sector	3	178.00	106.80	71.20		
	<b>Sub-total Planting material</b>		<b>Establishment of new gardens / Area Expansion</b>	6.00	208.00	124.80	83.20	1.00	50.00
2	<b>Fruit crops other than cost intensive crops using normal spacing (For a maximum area of 4 ha per beneficiary)</b>								
	<b>Fruits - Perennials</b>								
	(a) Cost intensive crops								
	Fruit crops like Grape, Kiwi, Passion fruit etc.								
	a) Integrated package with drip irrigation and trellis.	Rs. 4.00 lakh/ha.	Maximum of Rs. 1.60 lakh/ per ha. (40% of cost) for meeting the expenditure on planting material and cost of material for drip irrigation, trellis and INM/PM. In 3 instalments of 60:20:20 subject to survival rate of 75% in 2 <sup>nd</sup> year and 90% in 3 <sup>rd</sup> year.		0.00	0.00	0.00		
	b) Without integration	Rs. 1.25 lakh/ha	Maximum of Rs. 0.50 lakh/ha (40% of cost) for meeting the expenditure on planting material and cost of INM/PM in three instalments of 60:20:20 subject to survival rate of 75% in 2 <sup>nd</sup> year and 90% in 3 <sup>rd</sup> year. For (a) and (b) above, in the case of TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost.		0.00	0.00	0.00		
	<b>Sub total</b>			0	0	0	0		

Sub total

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	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 of SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 1.25 lakh/unit.	25	25.00	12.50	12.50						
	iv) Self-propelled Horticulture Machinery (SC, ST, Small & Marginal farmers)	2.50 lakh per unit	Subject to a maximum of Rs. 1.00 lakh/unit for general category farmers, and in the case of 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						
	(v) PP Equipment												
	Manual Sprayer (Knapsack/foot operated sprayer)												
	a) General	0.012 lakh per unit	Subject to a maximum of Rs.0.005 lakh/unit for general category farmers, and in the case of SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs.0.006 lakh/unit.	200	1.00	0.60	0.40						
	b) SC/ST etc	0.012 lakh per unit	Subject to a maximum of Rs.0.005 lakh/unit for general category farmers, and in the case of SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs.0.006 lakh/unit.		0.00	0.00	0.00						
	Power Knapsack sprayer/power operated Taiwan sprayer (8-12 lts Capacity)												
	a) General	0.062 lakh per unit	Subject to a maximum of Rs. 0.025 lakh/unit for general category farmers, and in the case of SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs.0.031 lakh/unit.	80	2.00	1.20	0.80						
	b) SC/ST etc	0.062 lakh per unit	Subject to a maximum of Rs. 0.025 lakh/unit for general category farmers, and in the case of SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs.0.031 lakh/unit.		0.00	0.00	0.00						
	Power Knapsack sprayer/power operated Taiwan sprayer (12-16 lts Capacity)												
	a) General	0.062 lakh per unit	Subject to a maximum of Rs.0.03 lakh/unit for general category farmers, and in the case of SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs.0.038 lakh/unit.	66	1.98	1.19	0.79						
	b) SC/ST etc	0.062 lakh per unit	Subject to a maximum of Rs.0.03 lakh/unit for general category farmers, and in the case of SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs.0.038 lakh/unit.		0.00	0.00	0.00						
	Sub-total			1899.00	849.82	505.91	343.91	0.00	0.00				
10	Human Resource Development (HRD)												
	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						
	HRD for Gardeners	Rs. 15.00 lakh / unit	100% of the cost.		0.00	0.00	0.00						
	Within the State	Rs. 1000/day per farmer including transport	100% of the cost.	2500	150.00	90.00	60.00						
	Outside the state	Rs. 1000/day per farmer including transport	100% of the cost.	100		0.00	0.00						
	Outside the State	Project based as per actual.	(e) Exposure visit of farmers										
	Outside India	Rs. 4.00 lakh / participant	100% of the cost.	100	9.00	5.40	3.60						
	Within the State	Project Based. 100% of air/trail travel cost.	100% of the cost.		0.00	0.00	0.00						

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INTEGRATED POST HARVEST MANAGEMENT													
Sl. No.	Sub-total	Project Description	Unit	Rate	Quantity	Subsidy @ 35%	Subsidy @ 50%	Subsidy @ 55%	Subsidy @ 60%	Total			
11	Sub-total	Pack house / On farm collection & storage unit Integrated pack house with facilities for conveyer belt, sorting, grading units, washing, drying and weighing. a) General Area	Rs. 4,00 lakh/unit with size of 9Mx6M	357	714.00	428.40	285.60	14.00	0.00	84.00			
			Rs. 50.00 lakh per unit with size of 9Mx18M	2	35.00	21.00	14.00	0.00	0.00	0.00			
			Rs. 50.00 lakh per unit with size of 9Mx18M	2	17.50	10.50	7.00	0.00	0.00	0.00			
			Cold Storage (Construction, Expansion and Modernisation)										
			b) Cold storage units Type 1 - basic mezzanine structure with large chamber (of >250 MT) type with single temperature	a) General Area	Rs. 8,000/MT, (max 5,000 MT capacity)	2	280.00	168.00	112.00	0.00	0.00	0.00	
				b) Hilly Area	Rs. 8,000/MT, (max 5,000 MT capacity)	2	280.00	168.00	112.00	0.00	0.00	0.00	
			Refer vans/containers (General areas)										
			a) General Area	Rs. 26.00 lakh for 9 MT (NHM & HMINNH), and provata basis for lesser capacity, but not below 4 MT.	10	91.00	54.60	36.40	0.00	0.00	0.00	0.00	
			b) Hilly Area	Rs. 26.00 lakh for 9 MT (NHM & HMINNH), and provata basis for lesser capacity, but not below 4 MT.	10	91.00	54.60	36.40	0.00	0.00	0.00	0.00	
			Reopening chamber	Rs. 1.00 lakh/MT.	50	210.00	126.00	84.00	0.00	0.00	0.00	0.00	
Primary Mobile / Minimal processing unit													
a) General Area	Rs. 25.00 lakh/unit.	122	1220.00	732.00	488.00	0.00	0.00	0.00	0.00				
b) Hilly Area	Rs. 25.00 lakh/unit.	122	1220.00	732.00	488.00	0.00	0.00	0.00	0.00				
Low cost onion storage structure (25 MT)	Rs. 1.75 lakh/per unit	75	65.63	39.38	26.25	0.00	0.00	0.00	0.00				
Pusa Zero energy cool chamber (100 kg)	Rs. 4000 per unit	75	65.63	39.38	26.25	0.00	0.00	0.00	0.00				
Integrated Cold Chain supply System													
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.	2	420.00	252.00	168.00	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.	2	420.00	252.00	168.00	0.00	0.00	0.00	0.00				
Sub-total													
12	Sub-total	ESTABLISHMENT OF MARKETING INFRASTRUCTURE FOR HORTICULTURAL PRODUCE	622.00	3053.13	1831.88	1221.25	147.00	2504.47	0.00	0.00			
Rural Markets/ Apni mandies/Direct markets													

Subsidy

	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.	4	40.00	24.00	16.00	1	8
	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		
	<b>Retail Markets/ outlets (environmentally controlled)</b>								
	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.	5	26.25	15.75	10.50		
	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		
	State/Mobile Vending Cart/ platform with cool chamber	Rs. 30,000/ unit	50% of total cost.		0.00	0.00	0.00		
	<b>Functional Infrastructure for:</b>								
	Collection, sorting/ grading, packing units etc.								
	a) General Area	Rs. 15.00 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.	5.00	30.00	18.00	12.00	1	6
	<b>Sub-total (Market)</b>			<b>16.00</b>	<b>96.25</b>	<b>57.75</b>	<b>38.50</b>	<b>2.00</b>	<b>14.00</b>
	<b>Mission Management</b>								
	State & District 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.		613.44	366.06	245.38		
	State level	Rs. 3.00 lakh/event	100% assistance subject to a maximum of Rs.3.00 lakh per event of two days.	4	12.00	7.20	4.80		
	District level	Rs. 2.00 lakh/event	100% assistance subject to a maximum of Rs.2.00 lakh per event of two days.	34	68.00	40.80	27.20		
	Technical Support Group (TSSG) 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		
	<b>Sub-total</b>			<b>38.00</b>	<b>703.44</b>	<b>422.06</b>	<b>281.38</b>	<b>0.00</b>	<b>0.00</b>
	<b>Grand Total</b>			<b>11323.00</b>	<b>12267.00</b>	<b>7356.22</b>	<b>4910.78</b>	<b>682.00</b>	<b>4310.54</b>

add up