

F. No. 33-35/2021-MIDH (AAP)
Government of India
Ministry of Agriculture & Farmers' Welfare
Department of Agriculture, Cooperation & Farmers' Welfare
(Horticulture Division)

457, Krishi Bhawan, New Delhi
Dated: 18th May, 2022

To

Director of Horticulture & Mission Director
Department of Horticulture & Food Processing
Udyan Bhavan, 2, Sapru Marg
Lucknow - 226 001
Uttar Pradesh

Subject:-Implementation of National Horticulture Mission (NHM) under Mission for Integrated Development of Horticulture (MIDH) programme -Approval of Annual Action Plan (AAP) 2022-23-regarding.

Sir,

I am directed to convey approval for implementation of National Horticulture Mission (NHM) programme under MIDH in the State of **Uttar Pradesh** during 2022-23 with total outlay of **Rs. 12698.06 lakh** (including Rs. 2762.35 Lakh Spill over activity/ Committed liabilities) as per following details:

(Rs. In lakh)

	GOI Share (60%)	State Share (40%)	Total
Outlay-2022-23	5961.43	3974.28	9935.71
Spill over Activity/ Committed Liabilities	1657.41	1104.94	2762.35
Total	7618.84	5079.23	12698.06

2. The component wise details of Annual Action Plan, 2022-23 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 approved components other than project-based activities and submit the proposals for project based activities for approval of Empowered Committee of MIDH.
- II. 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.
- III. Expenditure on approved activities must be in conformity with the cost norms laid down in the operational guidelines of the scheme.
- IV. SHM should make advance arrangements for availability of planting material for the ensuing season from the nurseries accredited/certified by NHB and/or licensed by respective State Government and departmental nurseries. SHM should also ensure that seeds are procured from Central/State seed organizations/PSUs including NAFED as far as possible.



- V. SHM should have a mechanism in place for the proper verification and distribution of planting material/seeds. Sourcing of planting material/seeds from NHB accredited/certified nurseries, nurseries licensed by State Governments, departmental nurseries, ICAR Institutes, SAUs, KVKs and Central/State government agencies should be given priority. Area Expansion shall be restricted to availability of planting material from accredited/licensed nurseries and certified seed and planting material.
- VI. Selection of Agencies/Service providers for implementation of different components and activities of the approved AAP should be done at the SHM level through competitive bidding in an open and transparent manner.
- VII. 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.
- VIII. 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.
- IX. Organic farming should be linked to certification by designated agencies. No separate funds will be provided for adoption of organic farming alone. Arrangements should also be made by the SHM or concerned agency for marketing of organic produce.
- X. 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.
- XI. 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.
- XII. 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.
- XIII. 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.
- XIV. 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 etc. at local level and also involve Panchayats, Cooperatives, Producers Company etc. Efforts should also be made for buy back arrangements of the horticulture produce. 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.

Agarwal

- XV. **SHM should separately submit the details of district wise area covered under Exotic and Niche fruit crops.**
- XVI. **Efforts should be made for setting up of crop specific FPOs for exotic and niche crops.**
- XVII. **Supply chain projects should be submitted at the earliest to this Department along with recommendations of SLEC. Other such pending proposals of previous year, if any, should also be sent within 30 days with necessary compliance.**
- XVIII. **Village specific plans must be prepared for village selected under Indo-Israel Village of Excellence (IIVoE) program and shared with this Department at the earliest.**
- XIX. 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.
- XX. SHM should involve State Agricultural University and ICAR Institutes in the State for the extension activities under NHM.
- XXI. SHM shall document the Annual Report and Success Stories and furnish them to DA&FW.
- XXII. The SHM should also conduct Impact Evaluation Study through independent organization of repute in the State.
- XXIII. The Audited Statement of Accounts (ASA) for 2020-21 and Utilization Certificate for 2021-22, if not submitted so far, should be furnished to facilitate release of funds during 2022-23.
- XXIV. 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.
- XXV. State should comply the new guidelines for monitoring and utilization of released funds issued by Department of Expenditure, Ministry of Finance, Government of India.
- XXVI. The monthly physical and financial progress may be posted on the website www.midh.gov.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.
- XXVII. Expenditure reported in the Utilization Certificate should match with the progress reported in HORTNET/DBT portal and will be used to consider the request from State for release of funds.
- XXVIII. SHM should ensure that all capacity building programs should be as per Qualification Pack (QP) of ASCI and only needs to be run in ASCI accredited training Institutes. Required entry of achievement needs to be done on Skill India portal.
- XXIX. 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.

[Signature]

3. In view of the directions of Department of Expenditure, Government of India, SHM is requested to restrict the expenditure under Mission Management activities to bare minimum and need based only.
4. No purchase of vehicles and construction of buildings (except those approved under project based activities) are permitted from the funds of MIDH.
5. Since MIDH scheme in present form is approved up to **30.9.2022** only, all spill over activities should be completed by **30.9.2022** positively.
6. Continuation of MIDH scheme beyond **30.9.2022** is under consideration and the revised cost norms would be shared after approval.

Encl: as above

Yours faithfully,

Harit Kumar Shakya
18.5.2022

(Harit Kumar Shakya)

Under Secretary to Government of India

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Annual Action Plan of Uttar Pradesh, 2022-23

Annual Action Plan 2022-23										
Action Plan 2022-23										(Rs. in Lakhs)
S. No	Activity	Maximum permissible cost	Pattern of Assistance	AAP 2022-23				Spill Over		Remarks
				Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	
1	2	3	4	5	6	7	8		6	
I	Plantation Infrastructure and Development									
1	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.	1	25.00	15.00	10.00	2	50.00	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.	2	30.00	18.00	12.00	1	15.00	Minutes of SLEC meeting to be submitted along with details of beneficiaries, locaiton, bank loan etc to facilitate release of funds.
	b) Private Sector	Rs. 15 lakh/one ha unit		2	15.00	9.00	6.00	1	7.50	do
	Setting up of Plug Type Nursery									
	a) Public Sector	Rs. 104.00 lakh/ha	100% of cost to public sector	10	657.92	394.75	263.17	8	382.08	
	b) Private sector	Rs. 104.00 lakh/ha	40% of cost to private sector	0	0.00	0.00	0.00		0.00	
	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	2	20.00	12.00	8.00		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiaries, locaiton, 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	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	0.00	0.00	0.00		0.00	Project to be submitted
	b) Private sector	Rs. 250.00 lakh	40% of cost to private sector	1	100.00	60.00	40.00			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.	300	105.00	63.00	42.00	137	47.83	
	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.	4	6.00	3.60	2.40		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	0.00	0.00	0.00		0.00	do
	Seed infrastructure									
	a) Public sector	Rs. 200.00 lakh	100% of cost	0	0.00	0.00	0.00		0.00	
	b) Private sector	Rs. 200.00 lakh	50% of cost	1	53.43	32.06	21.37		0.00	
	Sub-total Planting material			323.00	1012.35	607.41	404.94	148.65	502.41	
2	Establishment of new gardens / Area Expansion									
	Fruit crops other than cost intensive crops using normal spacing (For a									
	Fruits - Perennials									
	(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, trellies and INM/IPM, in 3 installments of 60:20:20 subject to survival rate of 75% in 2 nd year and 90% in 3rd year).		0.00	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/IPM in three installments of 60:20:20 subject to survival rate of 75% in 2 nd year and 90% in 3rd 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		0.00	
	Dragon fruit			60	18.00	10.80	7.20	26.3	7.89	
	Fig			5	1.50	0.90	0.60	4	1.20	
	Sub total			65	20	12	8	30	9	
	Maintenance without Integration 1st Year									
	Dragon fruit			75	7.50	4.50	3.00		0.00	
	Fig			6	0.60	0.36	0.24		0.00	
	Sub total maintainance			81	8	5	3	0	0	
	ii) Strawberry									
	a) Integrated package with drip irrigation & mulching	Rs. 2.80 lakh/ha	Maximum of Rs. 1.12 lakh/ per ha. (40% of cost) for meeting the expenditure on planting material and cost of material for drip irrigation, mulching and INM/IPM, in one installment.		0.00	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/IPM one installment. For (a) and (b) above, in the case of TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost.	100	50.00	30.00	20.00	17	8.35	
	Sub total			100	50.00	30.00	20.00	17	8.35	
	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		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).	1125	345.81	207.49	138.32	30.49	8.61	
	Sub total			1125	345.81	207.49	138.32	30.49	8.61	
	Maintenance without Integration									
	1st Year			725	74.28	44.57	29.71	185	18.91	
	Sub total maintainance			725.00	74.28	44.57	29.71	184.61	18.91	
	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		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). 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).	100.0	22.50	13.50	9.00	27.65	6.00	(1.8m x 1.8m)
	Sub total			100	22.50	13.50	9.00	28	6.00	
	Maintenance without Integration									
	1st Year			80	6.00	3.60	2.40	23.68	1.74	
	Sub total maintainance			80	6.00	3.60	2.40	24	1.74	
	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		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). 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	
	(Mango)	-do-	-do-	100	9.84	5.90	3.94	12.86	1.27	5m x 5m
	Guava	-do-	-do-	100	17.60	10.56	7.04		0.00	3m x 6m
	Lime and Lemon			100	19.20	11.52	7.68	12.34	1.90	
	Sub total			300	46.64	27.98	18.66	25.20	3.17	
	Maintenance without Integration									
	1st Year									
	(Mango)			39.00	1.28	0.77	0.51			5m x 5m
	Guava			50.00	2.93	1.76	1.17			3m x 3m
	Litchi									
	Lime and Lemon			30	1.92	1.15	0.77			
	2nd Year									
	(Mango)				0.00	0.00	0.00			5m x 5m
	Guava				0.00	0.00	0.00			3m x 3m
	Swee Orange				0.00	0.00	0.00		0.00	5m x 5m
	Acid lime				0.00	0.00	0.00		0.00	5m x 5m
	Pomegranate				0.00	0.00	0.00		0.00	5m x 3m
	Sub total maintainance			119.00	6.13	3.68	2.45	0.00	0.00	
	(b) Fruit crops other than cost intensive crops using normal spacing									
	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.		0.00	0.00	0.00		0.00	
	Mango			100	7.65	4.59	3.06	35.93	2.81	
	Guava			200	23.00	13.80	9.20	29.23	3.44	
	Litchi			25	2.10	1.26	0.84	7.00	0.59	
	Mandarine Orange			50	6.81	4.09	2.72	9.73	1.33	
	Aonla			50	9.00	5.40	3.60	18.33	3.19	
	Karonda			125	22.50	13.50	9.00	18.00	3.24	
	Jamun			40	7.20	4.32	2.88			
	Hanuman Phal			0	0.00	0.00	0.00			
	Bael			65	11.70	7.02	4.68	2.60	0.46	

	Tamrind			10	1.80	1.08	0.72	4.00	0.72
	Phalsa			40	7.20	4.32	2.88	25.48	4.59
	Jackfruit			100	18.00	10.80	7.20		
	Sub total			805	116.96	70.18	46.79	150	20.37
	Maintenance without Integration								
	1st Year								
	Aonla			65	3.90	2.34	1.56		
	Karonda			45	2.70	1.62	1.08		
	Jamun			8	0.48	0.29	0.19		
	Bael			21	1.26	0.76	0.50		
	Tamrind			6	0.36	0.22	0.14		
	Phalsa			19	1.14	0.68	0.46		
	Jackfruit			109	6.54	3.92	2.62		
	Mango			165	4.21	2.52	1.68	100.54	2.63
	Guava			155	5.94	3.57	2.38	85.36	3.07
	Litchi			14.00	0.39	0.23	0.16	28.00	0.78
	Mandarine			40.0	1.82	1.09	0.73	56.70	2.55
	2nd Year								
	Mango			335.06	8.54	5.13	3.42	37.45	0.95
	Guava			355.24	13.62	8.17	5.45	61.94	2.24
	Litchi			74.90	2.10	1.26	0.84		
	Aonla				0.00	0.00	0.00		
	Mandarine/Orange			121.40	5.51	3.31	2.20		
	Sweet Orange				0.00	0.00	0.00		
	Pomegranate				0.00	0.00	0.00		
	Sub total maintainance			1533.60	58.51	35.11	23.41	369.99	12.22
3	Vegetable (For maximum area of 2 ha per beneficiary)								
	Hybrid	Rs.50,000/ ha	40% of cost in general areas	6000	1200.00	720.00	480.00	469.68	77.03
	Sub-total			6000.00	1200.00	720.00	480.00	470	77.03
	Flowers (For a maximum of 2 ha per beneficiary)								
	Loose Flowers								
	Small & Marginal Farmers	Rs. 40,000/ha	40% of cost	500.0	80.00	48.00	32.00	21.9	3.50
	Other farmers	do	25% of cost	200.0	20.00	12.00	8.00	34.1	3.41
	Sub-total flowers			700.0	100.00	60.00	40.00	60.3	6.91
	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).	2500	300.00	180.00	120.00	58	6.43
	Sub-total spices			2500	300.00	180.00	120.00	58	6.43
4	Grand Total Area Expansion			11695.00	2201.41	1320.85	880.57	869.50	145.96
5	Grand Total Area Expansion maintenance			2538.60	153.03	91.82	61.21	578.28	32.87
	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.	6.0	48.00	28.80	19.20	3.0	24.00	
Spawn making unit										
	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.	3.0	18.00	10.80	7.20	1.0	6.00	
Compost making 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.	5.0	40.00	24.00	16.00	3.0	24.00	
	Sub-total mushrooms			14.00	106.00	63.60	42.40	7.00	54.00	
6	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.	100.00	20.00	12.00	8.00	72.45	14.39	To be implemented as per guidelines circulated
	Sub-total			100.00	20.00	12.00	8.00	72	14.39	
7	Creation of Water resources									
	Sub-total			0	0.00	0.00	0.00	0	0.00	
8	Protected cultivation									
	a) Green House structure									
	Fan & Pad system	Rs. 1650/Sq.m (up to area 500 Sq. m)	50% of cost for a maximum area of 4000 sq. m per beneficiary.		0.00	0.00	0.00		0.00	
	Fan & Pad system	Rs. 1465/Sq. m (>500 Sq.m up to 1008 Sqm)	50% of cost for a maximum area of 4000 sq. m per beneficiary.	0.20	14.65	8.79	5.86		0.00	
	Fan & Pad system	Rs. 1420/Sq. m (>1008 Sq. m up to 2080 Sq.m)	50% of cost for a maximum area of 4000 sq. m per beneficiary.	0.00	0.00	0.00	0.00		0.00	
	Fan & Pad system	Rs. 1400/Sq. m (>2080 Sq. m upto 4000 Sq.m)	50% of cost for a maximum area of 4000 sq. m per beneficiary.	0.20	14.00	8.40	5.60	0.20	14.20	
	(b) Naturally ventilated system									
	(i) Tubular structur	Rs.1060/Sq.m	50% of the cost limited to 4000 Sq.m per beneficiary.	0.10	5.30	3.18	2.12		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.	0.50	23.38	14.03	9.35		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.	5.40	240.30	144.18	96.12	0.21	9.26	

	(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.	13.80	582.36	349.42	232.94	5.76	242.96	
	c) Plastic Mulching									
	Plastic Mulching	Rs. 32,000/ha	50% of the total cost limited to 2 ha per beneficiary.		0.00	0.00	0.00		0.00	
	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									
	i) Tubular structure	Rs. 710/Sq.m	50% of cost limited to 4000 Sq.m per beneficiary.	3.00	106.50	63.90	42.60	0.80	28.40	
	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.	8.30	58.10	34.86	23.24	0.80	5.60	
	g) Cost of planting material & cultivation of Orchid & Anthurium under poly house/shade net house.	Rs. 700/Sq.m	50% of cost limited to 4000 Sq. m per beneficiary.		0.00	0.00	0.00		0.00	
	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.	9.20	280.60	168.36	112.24	3.40	103.70	
	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.	5.70	121.41	72.85	48.56	2.60	55.38	
	Sub-total protected cultivation			46.40	1446.60	867.96	578.64	13.77	459.50	
9	Promotion of Integrated Nutrient Management(INM)/ Integrated Pest									
	Sub-total INM / IPM			0	0.00	0.00	0.00	0	0.00	
10	Adoption Organic Farming									
	(i) Adoption of Organic Farming. 1st Year (ha)	Rs. 20,000/ ha	50% of cost limited to Rs.10000/ha for a maximum area of 4 ha. per beneficiary, spread over a period of 3 years involving an assistance of Rs.4000/- in first year and Rs.3000/- each in second & third year. The programme to be linked with certification.	450	18.00	10.80	7.20		0.00	Project to be submitted
	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.	316	158.00	94.80	63.20	27	13.50	Designs para meter of HDPE beds will conformer to BIS standards (IS 15907:2010)
	ii) Vermibeds	do	do	500	40.00	24.00	16.00	136	10.22	
	Sub-total			816.00	216.00	129.60	86.40	163	23.72	
11	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		0.00	0.00	0.00		0.00	
	Honey bee colony	Rs.2000/colony of 8 frames	40% of cost limited to 50 colonies / beneficiary.	1300	10.40	6.24	4.16	15550	124.40	
	Hives	Rs 2000/ per hive.	40% of cost limited to 50 colonies / beneficiary.	1300	10.40	6.24	4.16	15550	124.40	
	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.	26	2.08	1.25	0.83	311	24.88	
	Sub-total			2626	22.88	13.73	9.15	31411	273.68	
12	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	0.00	0.00	0.00		0.00	
	i) Tractor (upto 20 PTO HP) (SC, ST, Small & Marginal famers)	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.	60	60.00	36.00	24.00	21	20.53	
	ii) Power Tiller									
	a) Power tiller (below 8 BHP) (SC, ST, Small & Marginal famers)	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.	60	30.00	18.00	12.00	7	3.41	
	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	0.00	0.00	0.00		0.00	
	b) Power tiller (8 BHP & above) (SC, ST, Small & Marginal famers)	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.	120	90.00	54.00	36.00	45	31.57	

	(iii) Tractor/Power tiller (below 20 BHP) driven equipments					0.00	0.00			
	a) Land Development, tillage and seed bed preparation equipments	0.30 lakh per unit	Subject to a maximum of Rs.0.12 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. 0.15 lakh/unit.		0.00	0.00	0.00		0.00	
	1) General	-do-	-do-		0.00	0.00	0.00		0.00	
	2) SF/MF	-do-	-do-		0.00	0.00	0.00		0.00	
	3) SC & ST	-do-	-do-		0.00	0.00	0.00		0.00	
	b) Sowing, planting reaping and digging equipments	0.30 lakh per unit	Subject to a maximum of Rs.0.12 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. 0.15 lakh/unit.		0.00	0.00	0.00		0.00	
	c) Plastic mulch laying machine	0.70 lakh per unit	Subject to a maximum of Rs.0.28 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. 0.35 lakh/unit.		0.00	0.00	0.00		0.00	
	1) General	-do-	-do-	7	1.96	1.18	0.78		0.00	
	2) SF/MF	-do-	-do-		0.00	0.00	0.00		0.00	
	3) SC & ST	-do-	-do-		0.00	0.00	0.00		0.00	
	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.	12	12.00	7.20	4.80	2	1.80	
	Tractor Mounted /operated sprayer (Above 35HP)					0.00	0.00			
	a) General	1.26 lakh per unit	40% of cost, subject to a maximum of Rs. 0.50 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, 50% of cost, subject to a maximum of Rs. 0.63 lakh per unit.	15	7.50	4.50	3.00	11	6.02	
	Sub-total			274	201.46	120.88	80.58	86	63.33	
13	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.	250	500.00	300.00	200.00	105	209.56	

	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.	2	35.00	21.00	14.00		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	
	Pre-cooling unit	Rs. 25.00 lakh / unit with capacity of 6MT.	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.	2	17.50	10.50	7.00		0.00	
	Pre-cooling unit (Hilly areas)	Rs. 25.00 lakh / unit with capacity of 6MT.	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 room (staging)	Rs. 15.00 lakh/ unit of 30 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.	2	10.50	6.30	4.20		0.00	
	Cold room (staging) (Hilly areas)	Rs. 15.00 lakh/ unit of 30 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	
	Mobile pre- cooling unit	Rs. 25.00 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	
	Mobile pre- cooling unit (Hilly areas)	Rs. 25.00 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	
	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.	10	1400.00	840.00	560.00	6	847.10	
	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, more than 6 chambers (of < 250 MT) and basic material handling equipment.									Project to be submitted
	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.	2	350.00	210.00	140.00		0.00	Project to be submitted

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	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.	3	30.00	18.00	12.00		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		50.00	50.00	30.00	20.00	8.00	7.88	
	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.	60.00	52.50	31.50	21.00	32.00	27.14	
	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									
	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.	1	210.00	126.00	84.00		0.00	
	Sub-total			388.00	3023.70	1814.22	1209.48	151.00	1091.68	
14	Project Based activities									
iv	Centre of Excellence	Rs.1000.00 lakh/centre	100% of cost to public sector. This can be established through bi-lateral co-operation also.	2	400.00	240.00	160.00			
15	Human Resource Development (HRD)									
	Skill Development			200	32.84	19.70	13.14	152	24.81	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	
	HRD for Gardeners	Rs. 15.00 lakh / unit	100% of the cost.		0.00	0.00	0.00		0.00	
	Training of farmers					0.00	0.00			
	Within the State	Rs. 1000/day per farmer including transport	100% of the cost.	3650	109.50	65.70	43.80	1363	13.63	

	Outside the state	Project based as per actual.	100% of the cost.	50	3.50	2.10	1.40		0.00	
	(e) Exposure visit of farmers					0.00	0.00			
	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.		0.00	0.00	0.00		0.00	Project to be submitted
	Training / study tour of technical staff/ field functionaries					0.00	0.00			
	Within the State	Rs.300/day per participant plus TA/DA, as admissible	100% of the cost.	125	2.50	1.50	1.00		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.	10	0.60	0.36	0.24		0.00	
	Outside India	Rs. 6.00 lakh / participant	100% of the cost on actual basis.		0.00	0.00	0.00		0.00	Project to be submitted
	Sub-total			4035	148.94	89.36	59.58	1515	38.44	
16	Promotion of Farmer Producers Organization/ FPO/FIG Farmer Interest Groups of 15-20 farmers/20 ha, Growers Associations and tie up with Financial Institution and Aggregators.	As per norms issued by SFAC.	As per norms issued by SFAC from time to time.			0.00	0.00			
17	ESTABLISHMENT OF MARKETING INFRASTRUCTURE FOR HORTICULTURAL PRODUCE									
	Static/Mobile Vending Cart/ platform with cool chamber.	Rs. 30,000/ unit	50% of total cost.	2	0.30	0.18	0.12		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiareis, locaiton, etc to facilitate release of funds.
	Sub-total			2.00	0.30	0.18	0.12	0.00	0.00	
	Sub-total			0.00	0.00	0.00	0.00	0.00	0.00	
	Total MKT			2.00	0.30	0.18	0.12	0.00	0.00	
18	SPECIAL INTERVENTIONS									
	Innovative interventions not covered under any GOI schemes	10% of outlay	50% of cost, based on project proposal.			0.00	0.00			
	Enhancement of Value Chain in Mango/Bee keeping in Saharanpur	10% of outlay	50% of cost, based on project proposal.			0.00	0.00			
	Tackling of emergent /unforeseen requirements of SHMs	Rs.20.00 lakh	50% of cost, based on project proposal.			0.00	0.00		0.00	
	Sub-total			0.00	0.00	0.00	0.00	0.00	0.00	
19	Other Components (Awareness, survey)									

	Institutional Strengthening, hire/purchase of vehicles, hardware/software	Project based	100% assistance.	1	1.00	0.60	0.40			
	Seminars, conferences, workshops, exhibitions, Kisan Mela, horticulture shows, honey festivals									
	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.	3	15.00	9.00	6.00		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.	5	15.00	9.00	6.00		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.	80	160.00	96.00	64.00	10	20.00	
	Information dissemination through publicity, printed literature etc and local advertisements	Rs. 0.40 lakh/ block	100% of cost.	225	90.00	54.00	36.00		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			
	Baseline survey and Strengthening horticultural statistical data base	Rs. 100.00 lakh for large states, Rs. 50.00 lakh for small states and Rs. 25.00 lakh for very small states/ UTs.	100% of cost as one time grant on survey related activities.		0.00	0.00	0.00		0.00	
	Sub-total			314.00	291.00	174.60	116.40	10.00	20.00	
20	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.		485.79	291.47	194.32		42.38	
21	Any Other Item									
	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	10	206.25	123.75	82.50		0.00	Project to be submitted
	Grand Total				9935.7	5961.43	3974.28		2762.35	