F. No. 33-26/2021-MIDH (AAP) Government of India Ministry of Agriculture & Farmers' Welfare Department of Agriculture, Cooperation & Farmers' Welfare (Horticulture Division)

Room No.- 457 Krishi Bhawan, New Delhi Dated: 20th July, 2021

To

Director (Hort.) & Mission Director (SHM) National Horticulture Mission, Government of Jharkhand, Krishi Bhavan Campus, Kanke Road, Ranchi-834008, Jharkhand

Subject:-Implementation of National Horticulture Mission (NHM) under Mission for Integrated Development of Horticulture (MIDH) programme -Approval of Annual Action Plan (AAP) 2021-22-regarding.

Sir,

I am directed to convey approval for implementation of National Horticulture Mission (NHM) programme under MIDH in the State of **Jharkhand** during 2021-22 with total outlay of **Rs. 5448.35 lakh** (including Rs. 2004.76 Lakh Spill over activity/Committed liabilities) as per following details:

	GOI Share (60%)	State Share (40%)	Rs. In lakh) Total
Outlay-2021-22	2066.16	1377.438	3443.59
Spill over Activity/		1377.438	3443.39
Committed Liabilities	1202.856	801.904	2004.76
Total	3269.01	2179.34	5448.35

2. The component wise details of Annual Action Plan, 2021-22 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:-

- 1. 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 organisations/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.

- 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 latest by 31st July 2021.
- 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 DAC&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 2019-20 and Utilization Certificate for 2020-21, if not submitted so far, should be furnished to facilitate release of funds during 2021-22.
- 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 communicated vide this Department letter no 18-3/2020-MIDH dated 27.4.2021.
- 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.

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 **31.7.2021** only, all spill over activities should be completed by **31.7.2021** positively.

6. Continuation of MIDH scheme beyond **31.7.2021** is under consideration and the revised cost norms would be shared after approval. Subsequently, SHM may consider to revise their AAP in line with the revised cost norms and components approved for the scheme.

7. Approval of AAP may be reviewed /revised at any point of time depending upon availability of budgetary resources in view of prevailing situation due to COVID 19.

Encl: as above

Yours faithfully,

(Harit Kumar Shakya) Under Secretary to Government of India Tel: 011-23388795 haritk.shakya@nic.in

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Annual Action Plan of Jharkhand, 2021-22 Action Plan 2021-22 (Rs. in Lakhs) AAP 2020-21 Spill Over S. No Pattern of Assistance Phy GOI Share Activity Maximum Fin. State Phy Fin. Remarks permissible Target Outlay 60% Share Target Outlay cost 40% 5 6 7 9 10 2 3 4 8 1 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 0.00 0.00 Project to be submitted 0.00 100 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 40.00 Project to be submitted b) Private Sector Rs. 25 lakh/ha unit 24.00 16.00 1 40.00 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. Small Nursery (1 ha) b) Private Sector Rs. 15 lakh/one ha unit 100% to public sector and in case 3 13.50 do 22.50 9.00 4 30.00 of private sector, credit linked backended subsidy 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 per year, aromatic plants, duly certified for its quality. Upgrading nursery Infrastructure to meet acceditation norms (4 ha) 0.00 Minutes of SLEC meeting to 10.00 100% of Public Sector a) Public Sector Up to Rs. 15 150.00 90.00 60.00 be submitted along with lakh/nursery of 4 ha, on details of beneficiareis. prorata basis etc to facilitate niton b) Private sector Up to Rs. 10.00 50% of cost to Private sector 0.00 0.00 0.00 0.00 lakh/nursery of 4 ha, on subject to a maximum of Rs. 5.00 prorata basis lakh/nurserv. 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 0.00 50% of cost to private sector 0.00 0.00 0.00 Setting up of new TC Units.

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	a) Public Sector	Rs. 250.00 lakh	100% of cost to public sector		0.00	0.00	0.00			Project to be submitted
	b) Private sector	Rs. 250.00 lakh	40% of cost to private sector		0.00	0.00	0.00		0.00	Project to be submitted
	Seed production for veg	etables 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.	5	1.75	1.05	0.70		0.00	
	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.	5	0.61	0.37	0.25			
	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.	5	7.50	4.50	3.00		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.	5	2.63	1.58	1.05		0.00	
	Sub-total Planting material			39.00	224.99	134.99	90.00	5.00	70.00	
2	Establishment of new ga	rdens / Area Expan	sion							
			using normal spacing (For a							
	Fruits - Perennials									
	(a) Cost intensive crops									
	Fruit crops like Grape, K	iwi. Passion fruit et	c.							
	a) Integrated package with dri irrigation and trellis.		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	
	Dragon fruit			20	19.20	11.52	7.68			

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	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	
	Sub total			20	19	12	8	0	0	
	Maintenance without Integrati	on								
	1st Year				0.00	0.00	0.00		0.00	
	2nd Year				0.00	0.00	0.00		0.00	
	Sub total mair	ntainance		0	0	0	0	0	0	
	ii) Strawberry									
	a) Integrated package with drip irrigation & mulching		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.	84	94.08		37.63		0.74	
	Sub to	tal		84	94.08	56.45	37.63	0.00	0.74	
	iv) Pineapple (sucker)									
	a) Integrated package with drip irrigation.	I Rs. 3.00 lakh/ha	Maximum of Rs. 1.20 lakh/ha (40% of the cost) for meeting expenditure on planting material, drip irrigation and cost of material for INM/IPM, in 2 installments.	50	56.25	33.75	22.50		0.00	
	Sub to	tal		50	56.25	33.75	22.50	0	0.00	
	Maintenance without Integrati	on								
	1st Year				0.00		0.00		0.00	
	Sub total main	ntainance		0	0.00	0.00	0.00	0	0.00	
	v) Banana (TC)									
	a) Integrated package with drip irrigation.	Rs. 3.00 lakh/ha	Maximum of Rs. 1.20 lakh/ha (40 % of cost) for meeting the expenditure on planting material and cost of material for drip system, INM/IPM etc., in 2 installments (75:25).	50	56.25	33.75	22.50			
	Sub to	tal		50	56.25	33.75	22.50	0	0.00	
	Maintenance without Integrati	on								
	1st Year				0.00	0.00	0.00		0.00	
	Sub total mair	ntainance		0.00	0.00		0.00		0.00	

S. No		Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	vii) Papaya			0.5	00.75	00.05	05 50		0.00	
	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).	85	63.75	38.25	25.50		0.00	
	Sub tot	al		85	63.75	38.25	25.50	0	0.00	
	Maintenance without Integration	on								
	1st Year				0.00	0.00	0.00		0.00	
	Sub total main	tainance		0	0.00	0.00	0.00	0	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 (10x10m)			170	13.01	7.81	5.20			
	Citrus (4x4.5)			45	7.42	4.45	2.97			
	Litchi		•	10	0.84	0.50	0.34			
	Pear			10	1.14	0.68	0.46			
	Aonla			45	5.40	3.24	2.16			
	Bael			10	1.45	0.87	0.58			
	Guava (6mx6m)			170	19.55	11.73	7.82		0.36	
	Sapota			10	1.36	0.82	0.54			
	Sub total			470.00	50.17	30.10	20.07	0.00	0.36	
	Maintenance without Integration	on								
	1st Year			560	18.11	10.87	7.24			
	2nd Year			460	15.96	9.58	6.38			
	Sub total maintainance			1020.00	34.07	20.44	13.63	0.00	0.00	
3	Vegetable (For maximum area	of 2 ha per beneficiary								
	Hybrid	Rs.50,000/ ha	40% of cost in general areas	1500	300.00	180.00	120.00			
	Sub-total			1500.00	300.00	180.00	120.00	0	0.00	
		of 2 ha per benefi	ciary)							
	Cut flowers									
		Rs. 1.00 lakh/ha	40% of cost	100.0	40.00		16.00			
	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	100.0	60.00	36.00	24.00			
	Other farmers	do	25% of cost		0.00	0.00	0.00		0.00	
	Loose Flowers									
	Small & Marginal Farmers	Rs. 40,000/ha	40% of cost	100.0	16.00	9.60	6.40			

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	Other farmers	do	25% of cost		0.00	0.00	0.00		0.00	
	Sub-total flowers			300.00	116.00	69.60	46.40	0.00	0.00	
	Spices (For a maximum a	area of 4 ha per ben	eficiary)							
	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).	170	20.40	12.24	8.16			
	Sub-total spices			170	20.40	12.24	8.16	0	0.00	
	Aromatic Plants (For a m									
	(a) Cost intensive aromatic plant	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	
	(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.	255.0	40.80	24.48	16.32		0.00	
	Sub-total aromatics			255.0	40.80	24.48	16.32	0.0	0.00	
	Plantation crops (For a m	aximum area of 4 h	a per beneficiary)							
	Cashew									
	a) Integrated package with drip irrigation	Rs. 1.00 lakh/ha	Rs. 0.40 lakh per ha (40% of cost) for meeting the expenditure on planting material and cost of material for drip system, INM/IPM etc) in 3 installments of 60:20:20 subject to survival rate of 50% in second year and 90% in third year.		0.00	0.00	0.00		0.00	

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	b) Without integration	Rs. 50,000/ha	Rs.0.20 lakh per ha (40 % of cost) for meeting the expenditure on planting material and cost of material for INM/IPM in 3 installments of 60:20:20 subject to survival rate of 75% in second year and 90% in third year for a maximum area of 4 ha per beneficiary. 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.	300	36.00	21.60	14.40	400	14.01	
	Sub-total			300	36.00	21.60	14.40	400	14.01	
	Maintenance I year									
	Cashew	Rs. 40,000ha	Maximum of Rs. 20,000/- per ha (50% of cost for meeting the expenditure on planting material and cost of material for INM/IPM etc) in 3 installments of 60:20:20 subject to survival rate of 75% in second year and 90% in third year for a maximum area of 4 ha	560	22.40	13.44	8.96		0.00	
	2nd Year									
	Cashew	Rs. 40,000ha	Maximum of Rs. 20,000/- per ha (50% of cost for meeting the expenditure on planting material and cost of material for INM/IPM etc) in 3 installments of 60:20:20 subject to survival rate of 75% in second year and 90% in third year for a maximum area of 4 ha	990	39.60	23.76	15.84			
	Sub-total maintainance			1550.00	62.00	37.20	24.80	0.00	0.00	
	Grand Total Area Expan	sion		3284.00	852.90	511.74	341.16	400.00	15.11	
4	Grand Total Area Expan	sion maintenance		2570.00	96.07	57.64	38.43	0.00	0.00	
5	Mushrooms									
	Production unit									
	Public Sector	Rs. 20.00 lakh/ unit	100% of the cost.	1.0	20.00		8.00		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									
	Public Sector	Rs. 15 lakh/ unit	100% of the cost.	1.0	15.00	9.00	6.00	2.0	30.00	

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	Private Sector	Rs. 15 lakh/ unit	40% of cost for private sector, for meeting the expenditure on infrastructure, as credit linked back ended subsidy.	2.0	12.00	7.20	4.80		0.00	
	Compost making unit									
	Public Sector	Rs. 20.00 lakh/ unit	100% of the cost.	1.0	20.00	12.00	8.00	1.0	20.00	
	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	
	Sub-total mushrooms			9.00	99.00	59.40	39.60	3.00	50.00	
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.	10.00	2.00	1.20	0.80	2.00	0.40	To be implemented as per guidelines circulated
	Sub-total			10.00	2.00	1.20	0.80	2	0.40	
7	Creation of Water resource	ces								
	Community tanks									
	i) Community tanks/on fa	rm ponds/on farm wat	ter reservoirs with use of							
	Community tanks/on farm									
	Plain areas		100% of cost for 10 ha command	3	51.3	30.80	20.53	6	121.17	
	Hilly areas.		100% of cost for 10 ha command		0.00	0.00	0.00		0.00	
	ii) Water harvesting syste	m for individuals- for	storage of water in							
	Plain areas	Rs. 1.50 lakh/unit in plain areas and	50% of cost. Maintenance to be ensured by the beneficiary.		0.0	0.00	0.00		0.0	
	Hilly areas.	Rs. 1.80 lakh/unit in hilly areas	50% of cost. Maintenance to be ensured by the beneficiary.	55	49.50		19.80	8	7.20	
	Sub-total			58	100.83	60.50	40.33	14	128.37	
8		Protected cultivation	n							
	a) Green House structure	•								
	Fan & Pad system		50% of cost for a maximum area of 4000 sq. m per beneficiary.		0.00	0.00	0.00		0.00	Minutes of SLEC meeting to be submitted along with details of beneficiareis, locaiton, etc to facilitate release of funds.
	Fan & Pad system		50% of cost for a maximum area of 4000 sq. m per beneficiary.	0.10	7.33	4.40	2.93	0.20	10.98	
	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	
	Fan & Pad system	Sq. m upto 4000 Sq.m)	50% of cost for a maximum area of 4000 sq. m per beneficiary.		0.00	0.00	0.00		0.00	
	(b) Naturally ventilated sy	/stem								
	(i) Tubular structur	Rs.1060/Sq.m	50% of the cost limited to 4000 Sg.m per beneficiary.	1.00	53.00	31.80	21.20	4.90	131.52	
	c) Plastic Mulching	•								

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	Plastic Mulching	Rs. 32,000/ha	50% of the total cost limited to 2 ha per beneficiary.	50.00	8.00	4.80	3.20	41.10	3.61	
	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.	5.00	177.50	106.50	71.00	24.70	540.71	
	e) Anti Bird/Anti Hail Nets	Rs.35/- per Sq.m	50% of cost limited to 5000 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.	4.00	28.00	16.80	11.20	14.40	100.80	
	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.	2.00	61.00	36.60	24.40	6.20	189.10	
	 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.	0.10	2.13	1.28	0.85	1.50	31.95	
	Sub-total protected cultivatior	ı ı		62.20	336.96	202.17	134.78	93.00	1008.67	
9	Promotion of Integrated N	Autrient 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.		0.00	0.00	0.00		0.00	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	
	Sub-total INM / IPM			0	0.00	0.00	0.00	0	0.00	
10	Adoption Organic Farmin	g								
	iii) Vermi compost Units /		tion unit							
	i) Vermi compost Units	Rs.1,00,000/ unit for permanent structure and	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		0.00	0.00	0.00		0.00	Designs para meter of HDPE beds will conformer to BIS standards (IS 15907:2010)
	ii) Vermibeds	do	pro-rata basis. do	600	48.00	28.80	19.20		0.00	
		40	30	000	40.00	20.00	19.20		0.00	

6. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	Sub-total			600	48.00	28.80	19.20	0.00	0.00	
11	Pollination support through	n beekeeping								
	Sub-total			0	0.00	0.00	0.00	0	0	
12	Horticulture Mechanization									
	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.		2.50	1.50	1.00		0.00	
	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		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.		3.75	2.25	1.50		0.00	
	(iii) Tractor/Power tiller (below 2	0 BHP) driven equipm								
	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.		0.75		0.30		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					
	1) General	-do-	-do-		0.00	0.00	0.00		0.00	
	2) SC & ST and SF/MF	-do-	-do-	2	0.70		0.28		0.00	
	(v) PP Equipment						_			
	Manual Sprayer (Knapsack/foot op	perated sprayer								

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	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 if 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		0.00	
	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 if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.006 lakh/unit.	10	0.06	0.04	0.02			
	Power Knapsack sprayer/power	er operated Taiwan sprayer (8-12 Its Capcity)							
	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 if 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		0.00	
	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 if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.031 lakh/unit.	10	0.31	0.19	0.12		0.00	
	Power Knapsack sprayer/power	er operated Taiwan sprayer (16 Its Capcity)							
	a) General	0.20 lakh per unit	Subject to a maximum of Rs.0.08 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. 0.10 lakh/unit		0.00		0.00		0.00	
	b) SC/ ST etc	0.20 lakh per unit	Subject to a maximum of Rs.0.08 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. 0.10 lakh/unit		1.00	0.60	0.40			

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	Eco Friendly Light Trap	Rs. 0.028 lakh/unit	Subject to a maximum of Rs.0.012 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. 0.014 lakh/unit			0.00	0.00			
	1) General	-do-	-do-		0.00	0.00	0.00		0.00	
	2) SF/MF	-do-	-do-	10	0.14	0.08	0.06		0.00	
	3) SC & ST	-do-	-do-		0.00	0.00	0.00		0.00	
	 v) Import of new machines & tools for horticulture for demonstration purpose (Public sector) 		100% of the total cost.		0.00		0.00		0.00	
l	Sub-total			57	9.21	5.53	3.68	0	0.00	
	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							Project to be submitted
	Public Sector			3	75.00	45.00	30.00	4	100.00	
	Private Sector			2	37.50	22.50	15.00	1	18.75	
	Sub-total			5	112.50	67.50	45.00	5	118.75	
14	INTEGRATED POST HAR	VEST MANAGEMENT								
	Pack house / On farm collection & storage unit	Rs. 4.00 lakh/unit with size of 9Mx6M	50% of the capital cost.	100	200.00	120.00	80.00	156	176.00	
	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.		0.00	0.00	0.00		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.	1	25.00	15.00	10.00	1	25.00	
	Pre-cooling unit		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	

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	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.	1	12.50	7.50	5.00	1	12.50	
	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.		0.00	0.00	0.00		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.	1	7.50	4.50	3.00	1	7.50	
	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.	1	12.50	7.50	5.00		0.00	
	Cold Storage (Construction, Expansion								
	i) Cold storage units Type 1 -	basic mezzanine structur	e with large chamber (of >250							
	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.		0.00	0.00	0.00		0.00	
	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.	1	200.00	120.00	80.00	1	15.51	
	Ripening chamber project in general areas	Rs. 1.00 lakh/MT.	-do-		0.00		0.00			Project to be submitted.
	Ripening chamber project in Hilly areas	Rs. 1.00 lakh/MT.	-do-	4	250.00		100.00	4		Total Capacity of 500 MT
	Evaporative / low energy cool chamber (8 MT)	Rs. 5.00 lakh/unit	50% of the total cost.		0.00	0.00	0.00	5	11.25	
	Primary/ Mobile / Minimal pro-	cessing unit								
	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	

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	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.	2	27.50	16.50	11.00	1	13.50	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		120.00	120.00	72.00	48.00	221.00	129.30	
	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.	50	43.75		17.50	8	7.00	
	Pusa Zero energy cool chamber (100 kg)	Rs. 4000 per unit	50% of the total cost.		0.00		0.00	20	0.40	
	Sub-total			281.00	898.75	539.25	359.50	419.00	598.46	
15	Project Based activities									
i	Integrated Supply Chain	10% of outlay	50% of cost, based on project proposal.			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.			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	
iii	Food processing units	Rs. 800 lakh/unit	Credit linked back ended capital investment assistance of 50% of cost in the States of J&K, Himachal and Uttarakhand		0.00	0.00	0.00		0.00	
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	250.00	150.00	100.00			
16	Human Resource Develop	oment (HRD)								
	Skill Development	/			0.00	0.00	0.00		0.00	

S. No		Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	HRD for Supervisors & Entrepreneurs	Rs. 20.00 lakh / unit	100% of the cost in first year. In subsequent years, cost of		0.00	0.00	0.00		0.00	
		Rs. 15.00 lakh / unit	infrastructure not to be claimed. 100% of the cost.		0.00	0.00	0.00		0.00	
	HRD for Gardeners				0.00	0.00			0.00	
		Training of farmers	1000/ afth a sast	500	05.00	0.00	0.00			
	Within the State	Rs. 1000/day per farmer including transport	100% of the cost.	500	25.00	15.00	10.00			
	Outside the state	Project based as per actual.	100% of the cost.	68	9.18	5.51	3.67			
	(e) Exposure visit of far	mers			0.00	0.00			
	Outside the State	Project based as per actual.	100% of the cost.	68	9.18		3.67			
	Outside India	Rs. 4.00 lakh / participant	Project Based. 100% of air/rail travel cost.		0.00	0.00	0.00			Project to be submitted
	Training / study t	our 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.		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.	70	2.80	1.68	1.12		0.00	
	Outside India		100% of the cost on actual basis.		0.00	0.00	0.00		0.00	Project to be submitted
	Sub-total			706	46.16	27.70	18.46	0.00	0.00	
	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			
18	ESTABLISHMENT OF MARKETING INFRASTRUCTURE FOR HORTICUL				DUCE					
	Rural Markets/ Apni mandies/I									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.		0.00	0.00	0.00			Project to be submitted
	b) Hilly Area Retail Markets/ outlets (enviro		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

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	a) General Area	Rs. 15.00 lakh /unit	Credit linked back-ended subsidy @ 35% of the capital cost of project in general areas and 50% in case of Hilly & Scheduled areas, per beneficiary.		0.00	0.00	0.00			Minutes of SLEC meeting to be submitted along with details of beneficiareis, locaiton, 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.	1	7.50	4.50	3.00	2	15.00	Minutes of SLEC meeting to be submitted along with details of beneficiareis, locaiton, etc to facilitate release of funds.
	Static/Mobile Vending Cart/ platform with cool chamber.	Rs. 30,000/ unit	50% of total cost.	17	2.55	1.53	1.02			Minutes of SLEC meeting to be submitted along with details of beneficiareis, locaiton, etc to facilitate release of funds.
	Sub-total			18.00	10.05	6.03	4.02	2.00	15.00	
	Functional Infras	tructure for:								
	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.		0.00	0.00	0.00		0.00	
	b) Hilly 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.	1.00	8.25	4.95	3.30		0.00	
	Sub-total			1.00	8.25	4.95	3.30	0.00	0.00	
	Total MKT			19.00	18.30	10.98	7.32	2.00	15.00	
19	SPECIAL INTERVENTIONS									
	Innovative interventions not covered under any GOI schemes	10% of outlay	50% of cost, based on project proposal.			0.00	0.00			
	Seedling germination tray	10% of outlay	50% of cost, based on project proposal.	10000.00	40.00	24.00	16.00		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			10000.00	40.00	24.00	16.00	0.00	0.00	
20	Other Components (Awareness, survey etc.)									
	Institutional Strengthening, hire/purchase of vehicles, hardware/software	Project based	100% assistance.			0.00	0.00			
	Seminars, conferences, work									
	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	

S. No	Activity	Maximum permissible cost	Pattern of Assistance	Phy Target	Fin. Outlay	GOI Share 60%	State Share 40%	Phy Target	Fin. Outlay	Remarks
	National level	Rs. 5.00 lakh per event.	100% of cost per event of two days.		0.00	0.00	0.00		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.	1	3.00	1.80	1.20		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.	5	10.00	6.00	4.00		0.00	
	Information dissemination through publicity, printed literature etc and local advertisements	Rs. 0.40 lakh/ block	100% of cost.	90	36.00	21.60	14.40			
	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	
	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		32.43	19.46	12.97			
	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.		50.00	30.00	20.00		0.00	
	Sub-total			96.00	131.43	78.86	52.57		0.00	
	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.		176.50	105.90	70.60			
22	Any Other Item						_			
	Grand Total				3443.59	2066.16	1377.44		2004.76	