

## Annexure – IV

### COST NORMS AND PATTERN OF ASSISTANCE UNDER HORTICULTURE MISSION FOR NORTH EAST AND HIMALAYAN STATES DURING XI PLAN

S.No	Item	Maximum Permissible Cost	Pattern of Assistance#
<b>A. MINI MISSION – I (Research)</b>			
1.	Seed and Planting Material – Production and Supply of Nucleus/ Basic seed and Planting Material, Rootstocks, and Establishment of Mother Block (Scion block)	₹ 15 lakh/project	Project based – 100% and only for public sector.
2.	Technology Standardization/ Refinement and Dissemination	₹ 20 lakh/project	Project based – 100% and only for public sector.
3.	Acquisition of Technologies including Import of Planting Material from other Countries for Evaluation and mass Multiplication in order to increase Production & Productivity of Horticulture Crops	₹ 10 lakh/project	Project based – 100% and only for public sector.
4.	Imparting Training Through on Farm Trials/Front line demonstrations	₹ 5 lakh/project	Project based – 100% for public sector.
<b>B. MINI MISSION – II (Production and Productivity Improvement)</b>			
1.	Production of Planting Material (i) Model Nursery/Large Nursery (2-4 ha)	₹ 6.25 lakh/ha	100 % to public sector limited to Rs 25.00 lakh/unit and in case of private sector, credit linked back-ended subsidy @ 50% of cost, subject to a maximum of ₹ 12.50 lakh/unit for a maximum of 4 ha. as project based activity.
	(ii) Small Nursery (1ha)	₹ 6.25 lakh	100% to public sector and in case of private sector, credit linked back-ended subsidy @ 50% of cost, subject to a maximum of ₹ 3.125 lakh/unit, as project based activity.
	(iii) Setting up of New Tissue Culture (TC) Units	₹ 100 lakh/unit	100% of total cost to public sector and in case of private sector, credit linked back-ended subsidy @ 50% of cost. Each TC unit will produce a minimum of 15 lakh plants of mandated crops for which protocols are available for commercial use

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(iv)	Rehabilitation of Existing Tissue Culture (TC) Units.	₹ 15 lakh per unit-as Project based activity	100% of cost to public sector and in case of private sector, credit linked back-ended subsidy @ 50% of cost.
(v)	True Potato Seed Center	₹ 25 lakh per center	100 % of cost to public sector and in case of private sector, credit linked back-ended subsidy @ 50% of cost.
(vi)	Progeny and Herbal Gardens	₹ 5 lakh/unit	100 % of cost to public sector and 50 % to private sector.
(vii)	Seed production for vegetables and Rhizomatic spices		
	a) Open Pollinated Crops	₹ 30,000/ha	For public sector, 100% of cost and for private sector 75% of cost limited to 5 ha. Output target of seed for each crop will be fixed by individual state for each beneficiary, before releasing funds.
	b) Hybrid Seeds	₹ 1,33,000/ha	For public sector, 100% of cost and for private sector, 75% of cost limited to 2 ha. Output target of seed for each crop will be fixed by individual State for each beneficiary, before releasing funds.
(viii)	Import of Planting Material for Trial and Demonstration purpose (By State Government, Growers' Associations recognized by NHB/MOA, PSU)	₹ 10 lakh	100% of cost for State Govt. and 75% of cost for Growers' Associations
(ix)	Seed Infrastructure for Handling, Processing, Packing, Storage etc. of Seed of Horticulture Crops.	₹ 200 lakh	100% of cost for public sector and for private sector, credit linked back ended subsidy @ 75% of cost.
<b>2.</b>	<b>Establishment of New Gardens (Area Expansion)</b>		
	<b>I. Fruit Crops (for a maximum area of 4 ha per beneficiary)</b>		
(i)	Cost Intensive Crops		
	a) Fruit Crops like Grapes, Strawberry, Kiwi, Passionfruit, etc.	₹ 1,00,000/ha	75% of cost i.e. ₹ 75000/ha including 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 2 <sup>nd</sup> year and 90% in 3 <sup>rd</sup> year.

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S.No	Item	Maximum Permissible Cost	Pattern of Assistance#
	b) Fruit Crops like TC Banana and Pineapple	₹ 1,00,000/ha	75% of cost i.e. Rs. 75000/ha including expenditure on planting material and cost of material for INM/IPM, etc in 2 installments of 75:25
	c) Fruit Crops like Banana, Pineapple (sucker) and Papaya	₹ 70,000/ha	75% of cost i.e. Rs. 52500/ha including expenditure on planting material and cost of material for INM/IPM, etc. in 2 installments of 75:25
	(ii) High Density Planting (apple, pear, peach, mango, guava, citrus, litchi, ber, cashew, etc.)	₹ 80,000/ha	75% of cost i.e. ₹ 60000/ha including 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 2nd year and 90% in 3 <sup>rd</sup> year.
	(iii) Fruit Crops other than Cost Intensive Crops Using Normal spacing	₹ 40,000/ha	75% of the cost i.e. ₹ 30000/ha including 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 2 <sup>nd</sup> year & 90% in 3 <sup>rd</sup> year.
<b>II. Vegetable (for maximum area of 2 ha per beneficiary)</b>			
	(i) Open Pollinated	₹ 30,000/ha	75% of cost i.e. Rs. 22500/ha.
	(ii) Hybrid	₹ 45,00/ha	75% of cost i.e. ₹ 33750/ha.
<b>III. Mushroom</b>			
	(i) Integrated Mushroom Unit Consisting of Composting, Spawn Production and Training	₹ 50 lakh/unit	100% of the cost to public sector and 50% of cost private sector, for meeting expenditure on infrastructure, as credit linked back-ended subsidy
	(ii) Spawn Making Unit	₹ 15 lakh/unit	100% of the cost to public sector and in case of private sector, 50% of cost as credit linked back-ended subsidy.
	(iii) Compost Making Unit	₹ 20 lakh/unit.	100% of the cost to public sector and in case of private sector, 50% of cost, as credit linked back-ended subsidy
<b>IV. Flowers (for a maximum area of 2 ha per beneficiary)</b>			
	(i) Cut flowers	₹ 70,000/ha	75% of the cost i.e. ₹ 52500/ha including expenditure on planting material and cost of material for INM/IPM, etc.

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	(ii) Bulbous flowers	₹ 90,000/ha	75% of cost i.e. ₹ 67500/ha including expenditure on planting material and cost of material for INM/IPM, etc.
	(iii) Loose flowers	₹ 24,000/ha	75% of cost i.e. ₹ 18000/ha including expenditure on planting material and cost of material for INM/IPM, etc.
	(iv) Model Floriculture Centre	₹ 100 lakh/centre	100% of cost to public sector.
<b>V.</b>	<b>Spices (for a maximum area of 4 ha per beneficiary)</b>		
	(i) Seed spices and rhizomatic spices	₹ 25,000/ha	75% of cost i.e. ₹ 18750/ha including expenditure on planting material and cost of material for INM/IPM, etc.
	(ii) Perennial spices (black pepper, cinnamon, clove and nutmeg)	₹ 40,000/ha	75% of cost i.e. ₹ 30000/ha including expenditure on planting material and cost of material for INM/IPM, etc.
	(iii) Cost intensive spices viz. Saffron	₹ 80,000/ha	75% of cost i.e. ₹ 60000/ha including expenditure on planting material and cost of material for INM/IPM, etc.
<b>VI.</b>	<b>Aromatic Plants (for a maximum area of 4 ha per beneficiary)</b>		
	(i) Cost intensive aromatic plants (patchouli, geranium, rosemary, etc.)	₹ 75,000/ha	75% of cost i.e. ₹ 56250/ha including expenditure on planting material and cost of material for INM/IPM, etc.
	(ii) Other Aromatic Plants	₹ 25,000/ha	75% of cost i.e. ₹ 18750/ha including expenditure on planting material and cost of material for INM/IPM, etc.
<b>3.</b>	<b>Rejuvenation/Replacement of senile plantations</b>	₹ 30000/ha	50% of cost subject to a maximum of ₹ 15000/ha limited to 2 ha per beneficiary.
<b>4.</b>	<b>Creation of Water Sources</b>		
	(i) Community tank/on farm pond/on farm water reservoirs with use of plastic/RCC lining	₹ 17.25 lakh/unit	100% of cost for 10 ha of command area, with size of 100m x 100m x 3m or any other size depending upon pro rata basis, owned & managed by a

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			community/farmer group. Cost for non-lined ponds/tanks (only in black cotton soils) will be 33% less. Assistance under the mission will be restricted to the cost of plastic /RCC lining. However, for non MGNREGS beneficiaries, assistance on entire cost including construction of pond as well as lining can be availed under the Mission
	(ii) Water Harvesting System for Individuals- for Storage of Water in 20m x 20m x 3m pond/tube wells/dug wells @ ₹ 115/cum	₹ 1.38 lakh/unit.	75% of cost i.e. ₹ 1.03 lakh per beneficiary, assistance may be given for smaller size on pro rata basis. Maintenance to be ensured by beneficiary.
<b>5.</b>	<b>Protected Cultivation</b>		
	<b>I. Green House Structure (Includes cost of material, installation and irrigation system)</b>		
	a) Fan and pad system	₹ 1465/sq.m	50% of cost limited to 1000 sq.m per beneficiary
	b) Naturally ventilated system		
	(i) Tubular Structure	₹ 935/sq.m	50% of cost limited to 1000 sq.m per beneficiary
	(ii) Wooden Structure	₹ 515/sq.m	50% of cost limited to 1000 sq.m per beneficiary
	(iii) Bamboo Structure	₹ 375/sq.m	50% of cost limited to 1000 sq.m per beneficiary
	<b>II. Plastic Mulching</b>	₹ 20,000/ha	50% of cost limited to 2 ha per beneficiary
	<b>III. Shade Net House</b>		
	(i) Tubular Structure	₹ 600/sq.m	50% of cost limited to 1000 sq.m per beneficiary
	(ii) Wooden Structure	₹ 410/sq.m	50% of cost limited to 1000 sq.m per beneficiary
	(iii) Bamboo Structure	₹ 300/sq.m	50% of cost limited to 1000 sq.m per beneficiary
	<b>IV. Plastic Tunnels</b>	₹ 30/sq.m	50% of cost limited to 1000 sq.m per beneficiary

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S. No	Item	Maximum Permissible Cost	Pattern of Assistance#
V.	<b>Anti Bird/Anti Hail Nets</b>	₹ 20/sq.m	50% of cost limited to 5000 sq.m per beneficiary
VI.	<b>Cost of Planting Material of High Value Vegetables grown in Polyhouse</b>	₹ 105/sq.m	50% of cost limited to 500 sq.m per beneficiary
VII.	<b>Cost of Planting Material of High Value Flowers in Polyhouse</b>	₹ 500/sq.m	50% of cost limited to 500 sq.m per beneficiary
6.	<b>Precision Farming development and extension through Precision Farming Development Centers (PFDCs)</b>	Project based	100% of cost to PFDCs
7.	<b>Promotion of INM/IPM</b>		
	(i) Sanitary and Phytosanitary Infrastructure (Public Sector)	₹ 500 lakh/unit	100% of cost.
	(ii) Promotion of INM/IPM	₹ 2000/ha	50% of cost limited to 4 ha/ beneficiary.
	(iii) Disease Forecasting Unit (public sector)	₹ 4 lakh/unit	100% of cost
	(iv) Bio Control Lab	₹ 80 lakh/unit	100% of cost to public sector and for private sector, credit linked back ended subsidy @ 50% of cost.
	(v) Plant Health Clinic	₹ 20 lakh/unit	Maximum up to ₹ 20 lakh/unit for Public Sector and ₹ 10.00 lakh as credit linked back-ended subsidy to Private Sector
	(vi) Leaf/Tissue analysis Labs.	₹ 20 lakh/unit	Maximum up to ₹ 20 lakh/unit for Public Sector and ₹ 10.00 lakh as credit linked back-ended subsidy to Private Sector
8.	<b>Organic Farming</b>		
	(i) Adoption of Organic Farming	₹ 20,000/ha	50% of cost limited to ₹ 10000/ha for a maximum area of 4 ha per beneficiary, spread over a period of 3 years involving an assistance of ₹ 4000/- in first year and ₹ 3000/- each in second & third year. The programme to be linked with certification

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S. No	Item	Maximum Permissible Cost	Pattern of Assistance#
	(ii) Organic Certification	Project based	₹ 5 lakh for a cluster of 50 ha which will include Rs. 1.50 lakh in first year, ₹ 1.50 lakh in second year and ₹ 2.00 lakh in third year
	(iii) Vermi-Compost Unit	₹ 60,000/unit for permanent structure and ₹ 10,000/unit for HDPE Vermibed	50% of cost conforming to the size of the unit of 30' x 8' x 2.5' dimension of permanent structure to be administered on pro-rata basis. For HDPE Vermibed, 50% of cost conforming to size of 96 cft (12' x 4'2') to be administered on pro-rata basis.
9.	<b>Certification for GAP, including infrastructure</b>	₹ 10,000/ha	50% of cost
10.	<b>Center of Excellence for Horticulture</b>	₹ 500 lakh/centre	100% of cost.
11.	<b>Pollination Support through Bee Keeping</b>		
	(i) Production of Nucleus stock (Public Sector)	₹ 10 lakh	100% of cost.
	(ii) Production of Bee Colonies by Bee breeder	₹ 6 lakh	50% of cost for producing minimum of 2000 colonies/year
	(iii) Honey Bee Colony	₹ 1400/colony of 4 frames	50% of cost limited to 50 colonies per beneficiary
	(iv) Hives	₹ 1600/hive	50% of cost limited to 50 hives per beneficiary
	(v) Equipment including honey extractor (4 frame), food grade container (30 kg), net, etc.	₹ 14,000/set	50% of the cost limited to one set per beneficiary.
12.	<b>Horticulture Mechanization</b>		
	(i) Power Operated Machines/Tools including Power Saw and Plant Protection Equipments, etc.	₹ 35,000/set	50% of cost limited to one set per beneficiary.
	(ii) Power Machines (upto 20BHP) with Rotavator/Equipment	₹ 1.20 lakh/set	50% of cost limited to one set per beneficiary.
	(iii) Power Machines (20 HP and above) Including Accessories/Equipments	₹ 3 lakh/set	50% of cost limited to one set per beneficiary.
	(iv) Import of New Machines and Tools for Horticulture for Demonstration Purpose (Public sector)	₹ 50 lakh/machine	100% of cost.

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S.No	Item	Maximum Permissible Cost	Pattern of Assistance#
13.	<b>Human Resource development (HRD)</b>		
	<b>(i) Training of Farmers including women</b>		
	a) Within the District	₹ 400/day per farmer excluding transport.	100% of cost
	b) Within the State	₹ 750/day per farmer excluding transport	100% of cost
	c) Outside the State	₹ 1000/day per farmer excluding transport	100% of cost
	<b>(ii) Exposure visit of farmers including women</b>		
	a) Within the District	₹ 250/day per farmer excluding transport	100% of cost
	b) Within the State	₹ 300/day per farmer excluding transport	100% of cost.
	c) Outside the State	₹ 600/day per farmer excluding transport.	100% of cost
	d) Outside India	₹ 3 lakh/participant	Project based. 100% of air/rail travel cost
	<b>(iii) Training/Study tour of Technical Officers/Field Functionaries involved in implementation of the scheme at Central/State Level including Women</b>		
	a) Within the State	₹ 200/day per participant plus TA/DA, as admissible.	100% of cost
	b) Study Tour/Training in Progressive States/Units (group of minimum 5 participants) including Women	₹ 650/day per participant plus TA/DA, as admissible	100% of cost
c) Outside India	₹ 5 lakh/participant	100% of cost on actual basis	
<b>(iv) Information dissemination through publicity, printed literature etc and local advertisements</b>	₹ 0.40 lakh/block	100% of cost	
<b>(v) Development of technology packages in electronic form to be shared through IT network</b>	₹ 1.00 lakh/district	100% of cost	
14.	<b>Special Interventions</b>		
I.	Special Interventions: such as land development, transportation on case to case basis (from farm-gate to	₹ 200 lakh	Project based and restricted to 10% of outlay for the State proposal under the scheme, limiting to maximum of ₹ 200 lakh

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S.No	Item	Maximum Permissible Cost	Pattern of Assistance#
	Processing Units/Market Places and Transportation Centers) Projects of need based.		
II.	Tackling of Emergent/Unforeseen Requirements of State Government /Implementing Agencies	₹ 10 lakh	100% of the cost.
<b>C. MINI-MISSION-III (Post Harvest Management and Marketing)</b>			
<b>1. Post Harvest Management</b>			
(i)	Packhouse/On farm Collection and Storage Unit	₹ 3 lakh/unit with size of 9m x 6m	50% of capital cost
(ii)	Pre-cooling unit	₹ 15 lakh for 6MT capacity	Credit linked back-ended subsidy @ 55% of cost of project.
(iii)	Mobile pre cooling unit	₹ 24 lakh/unit for 5 MT capacity	Credit linked back-ended subsidy @ 55% of cost of project.
(iv)	Cold Storage Units (Construction/Expansion/Modernization) with Insulation, Humidity control, Fin Coil Cooling system with Multi chamber	₹ 6000/MT for 5000 MT capacity	Credit linked back-ended subsidy @ 55% of the cost of project in respect of only those units which adopt new technologies which are energy efficient with provision of insulation, humidity control and fin coil cooling system with provision of multi chambers. Technical standards, parameters and protocol issued by the Department to be adopted.
(v)	Integrated CA Chamber with facilities like pre cooling, cleaning, sorting grading, etc.	₹ 70,000/MT for maximum up to 5000 MT capacity	Credit linked back-ended subsidy @ 50% of cost of project
(vi)	C.A./M.A. Storage Units	₹ 32,000/MT for 5000 MT capacity	Credit linked back-ended subsidy @ 55% of cost of project
(vii)	Reefer vans/Containers	₹ 24 lakh/unit for 6 MT capacity	do
(viii)	Primary/Mobile/Minimal Processing Unit	₹ 24 lakh/unit.	do
(ix)	Ripening Chamber	₹ 6000/MT for 5000 MT capacity	do
(x)	Evaporative/Low Energy Cool chamber (8 MT)	₹ 4.00 lakh/unit	50% of cost.

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S.No	Item	Maximum Permissible Cost	Pattern of Assistance#
	(xi) Preservation Unit (low cost)	₹ 2.00 lakh/unit for new unit and ₹ 1.00 lakh/unit for upgradation	50% of cost.
	(xii) Low Cost Onion Storage Structure (25 MT)	₹ 1.00 lakh/unit	50% of cost.
	(xiii) Pusa Zero Energy Cool Chamber (100 kg)	₹ 4000 /unit	50% of cost
	(xiv) Integrated Project on Production and Post Harvest Management of Horticultural Crops.	₹ 50.00 lakh	50% of project cost
<b>2.</b>	<b>Establishment of Marketing Infrastructure for horticultural produce</b>		
	(i) Terminal Market	₹ 150 crore/project	25% to 40% (limited to ₹ 50.00 crore) as Public-Private Partnership mode through competitive bidding, in accordance with operational guidelines issued separately.
	(ii) Wholesale Market	₹ 100 crore	Credit linked back-ended subsidy @ 33.33% of the capital cost of the project for entrepreneurs.
	(iii) Rural Markets/Apni Mandies/ Direct Market	₹ 20.00 lakh/unit	Credit linked back ended subsidy 55% of capital cost.
	(iv) Retail Market/Outlets (environmentally controlled)	₹ 10.00 lakh per unit	Credit linked back-ended subsidy @ 55% of capital cost.
	(v) Static/Mobile Vending Cart/ Platform with Cool chamber.	₹ 30,000/unit	50% of cost.
	(vi) Functional Infrastructure:		
	a) For collection, grading, etc.	₹ 15 lakh	Credit linked back-ended subsidy @ 55% of total cost.
	b) Quality control/analysis lab	₹ 200 lakh	100% of cost to public sector and 50% of cost to private sector as credit linked back-ended subsidy.
	(vii) Market Extension, Quality Awareness and Market led Extension Activities for Fresh Products	₹ 3 lakh/event	100% assistance to State Government/SHM/Public Sector Agencies
<b>D.</b>	<b>MINI MISSION – IV Processing &amp; Value Addition</b>		
	(i) Setting up of New Processing Units	₹ 800 lakh	Credit linked back ended capital investment assistance of 50% of cost.

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S.No	Item	Maximum Permissible Cost	Pattern of Assistance#
	(ii) Up-gradation and Modernization of Existing Processing Units	₹200 lakh	Credit linked back ended capital investment assistance of 50% of cost.
	(iii) Promotional Activities	Project based	As per MFPI pattern
<b>E</b>	<b>MISSION MANAGEMENT</b>		
<b>I</b>	<b>State Level</b>		
1.	State & Districts Mission Offices and Implementing Agencies for Administrative Expenses, Field Consultants, Project, Preparation, Computerization, Contingency etc.	4.5% of total annual expenditure against the approved action plan on the basis of appraised needs to the implementing agencies.	100% assistance to implementing agencies.
2.	Institutional Strengthening-Hiring of vehicle, purchase of Hardware/ Software, etc	Project based	100% assistance
3.	Seminars, Conferences, Workshops, Exhibitions, Kisan Mela, Horticulture Shows, Honey festivals, etc.		
	a) State level	₹ 3 lakh/event	100% assistance subject to a maximum of ₹ 3.00 lakh per event of two days.
	b) District level	₹ 2 lakh/event	100% assistance subject to a maximum of ₹ 2.00 lakh per event of two days.
4.	Technical Support Group (TSG) at State level for Hiring Experts/Staff, Studies, Monitoring & Evaluation, Mass media, Publicity, Video Conference, etc.	Project based subject to a ceiling of ₹ 50 lakh per annum/state	100% of cost
<b>II.</b>	<b>National Level</b>		
1.	Technical Support Group (TSG) at National Level for Hiring Experts/ Consultants, Studies, Seminar/ Conference/Workshops, Training, Contingencies, Monitoring & Evaluation, Mass media, Publicity, Video Conference, etc.	₹ 500 lakh/annum	100% of cost
2.	Technical Collaboration with International Agencies like FAO, World Bank, ADB, Bilateral Cooperation, International exposure Visits /Training of Officials, etc.	Project based on actual cost	100% assistance.

*Note:* The release of back ended subsidy need not be credit linked for the institutions like Public Sector Unit, Panchayats, Cooperatives, Registered Societies/Trusts and Public Limited Companies, provided they can meet the remaining share of the project cost, out of their own resources.