

SCHEME-1

1. Development of Commercial Horticulture through Production and Post-Harvest Management of Horticulture Crops

1.3. Integrated Post Harvest Management projects

a) Activity (ies) allowed

The Board will take up Integrated Post Harvest Management projects relating to Pack House, Ripening Chamber, Refer Van, Retail Outlets, Pre- cooling unit, Primary processing etc.

NHB will also take up projects in component mode and for standalone projects of PHM components.

b) Crops eligible: In case of primary processing, projects related to Fruits, Vegetables, Flowers, Aromatic plants and Cashew are only eligible for subsidy.

c) Pattern of assistance: Credit linked back-ended subsidy @ 35% of the total project cost limited to Rs 50.75 lakh per project in general area and @ 50 % of project cost limited to Rs. 72.50 lakh per project in NE Region, Hilly States and Scheduled areas.

d) Maximum Project costs allowed for subsidy calculation.

S N	Item	Cost Norms*	Pattern of Assistance#
A. 3	Integrated Post Harvest Management Projects e.g. Pack House, Ripening Chamber, Refer Van, Retail Outlets, Pre-cooling units, Primary Processing etc.	Rs. 145.00 lakh per project. The add-on components of pre-cooling, pack house, grading, packing, cold room can be taken up as individual components.	Credit linked back ended subsidy @ 35% of cost limited to Rs.50.75 lakh per project in general areas and @ 50% of project cost limited to Rs. 72.50 lakh per project in NE Region, Hilly States and scheduled Areas, ensuring backward and forward linkage.
Component wise cost norms of Integrated Post Harvest Management			
1	Pack house	Rs. 4.00 lakh/unit with size of 9Mx6M	50% of the capital cost.
2	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 States & Scheduled areas for individual entrepreneurs.

3	Pre-cooling unit	Rs. 25.00 lakh / unit with capacity of 6 MT.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly States & Scheduled areas for individual entrepreneurs.
4	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 States & Scheduled areas
5	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 States & Scheduled areas
6	Ripening Chamber	Rs. 1.00 lakh/MT (11 cum of chamber volume shall be equivalent of 1 MT of storage capacity.)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly States & Scheduled areas
7	Primary Processing of Fruits, vegetables, Flowers, Aromatic plants (Distillation unit) and Cashew	Rs. 25.00 lakh/ unit	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly States, NE Region & Scheduled areas
8	Retail Outlets (Environmentally controlled)	Rs. 15.00 lakh/ unit	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly States, NE Region & Scheduled areas.

National Horticulture Board
Ministry of Agriculture, Govt. of India
Plot No- 85, Sector - 18, Institutional Area
Gurgaon - 122 015 (Haryana)
Ph. 0124-2342992 Fax: 2342991, 2348313
Website: www.nhb.gov.in

No.NHB/CC/ATR-14th PAC/2010-11

250-10 AP
Circular

Apr 06, 2011

S/Post 7

The Project Approval Committee (PAC) in its 14th meeting held on dated 23.03.2011 while considering the Miscellaneous Agenda Items, has decided as under:

Notification of Cost norms of Fruit Ripening Unit, Button Mushroom Production, Post Harvest Center for Floriculture Unit and Raisin Processing Unit.

Further to published cost norms for various horticulture crops/activities, the Project Approval Committee of the Board (PAC) has approved / confirmed the following Cost Norms for grant of assistance under NHB Scheme "Development of Commercial Horticulture through Production & Post Harvest Management of Horticulture crops".

1. Fruit Ripening Unit:- (For type given below - Pl. refer to Technical Standard No. published by NHB)

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|---|---|--------------------------|
| a. Type 1 (Standard Model) | - | Rs.1.00 lakh/MT capacity |
| b. Type 2 (Advanced Model with centralized ethylene ejection, computerized controlled with RO system) | - | Rs.1.10 lakh/MT capacity |

Note:

- (i) The above cost norms includes the cost of plastic crates @Rs.10,000/- per MT (50 crates each of 20 kg. @ Rs.200/- per crates)
- (ii) Ripening room dimension will depend on number of tiers and number of pallets to be store and on an average 11M³ per MT of banana fruits in ripening unit of 10 MT or larger capacity and 12 M³/MT for ripening unit of less than 10 MT capacity. For this purpose, volume of one chamber is taken in to account i.e. total capacity fruit ripening unit for the purpose of subsidy calculation will be sum of total capacity of all the ripening chamber.
- (iii) Chamber size should not be smaller than 50 Cu M for preventing building up of high concentration of ethylene.
- (iv) Unit to be constructed as per Technical standard approved by NHB.

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2. Integrated project on Button Mushroom Production:-

- i. Without Canning Line - Rs.75,000/- per MT capacity
- ii. With Canning Line - Rs.85,000/- per MT capacity

Note:-

- i) For the production of 360 tonnes of fresh button mushroom i.e. 1MT/day, the estimated requirement of built-up area is 2000 M² including corridors i.e. 5.47 M² per MT capacity. Mushroom room-dimension will depend upon number of shelves in each row. This calculation is based on six shelves in each row.

3. Post Harvest Centre for Floriculture Unit:-

Cost of Setting up of Cold Room maximum up-to Rs.10.00 lakh with pack-house facility in Integrated Floriculture Units shall be considered over and above the prescribed cost ceiling given in the table below.

Post Harvest Centre:- Since flowers are extremely sensitive and vulnerable, great care should be taken during harvesting and post harvest handling to prevent from contamination. For this purpose, a post harvest center with following infrastructure shall be required.

The cost for Post Harvest Center is as under:-

Component	Area/numbers	Cost in Rs.
Cold Room able to maintain 4 -10°C & 90% humidity made of pre-fabricated RPUF sandwich panel – 60 MM thickness with high quality CFC free refrigeration unit. Hygienic interiors.	150 Sq. ft	Rs.650000/-
Packing & Grading with stone flooring and RCC roof.	500 Sq. ft	
Packing & grading tables	4 No's	
Bunch cutting/shredding machine & other tools	6 No's	
Buckets/crates	100 No's	
Insulated Panels	-	Rs. 300000/-
Electrification	-	Rs. 50000/-
TOTAL		Rs.1000000/-

Eligibility:-

- 1. Minimum two acre protected area under flowers/vegetables.
- 2. Admissible Over and above cost ceiling.

(Cost Norms was approved in PAC meeting held on 19.11.2010.)

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3. Cost Norms for Raisin Processing Unit:-

(Approved by IC on 25.02.2011)

- Rs.40,000/- for construction of Raisin Shed only.
- Rs.50,000/- for construction of raisin shed and one of the components i.e grading machine or plastic crates.
- Rs.60,000/- for construction of shed, purchase of grading machine & plastic crates.

Note:-

- i) Production capacity and built up area – Drying shed would have capacity to dry 45 kg fresh grapes in 1 M³ area. With yield of 25%, production of raisin would be 11.25 kg per M³ of drying racks area.
- ii) Racks would be made of steel structure and the covers on top by galvanized sheet of standards quality
- iii) Copy of Model Project Report is available on our website

Committee also was of the view that norms for Cashew Processing Unit may also be prepared in consultation with SFAC.

All concerned are requested to please note the above decisions of Competent Authority for immediate compliance.

N. S. / 07/11
For Managing Director

Distribution:

All Area Officers – They are requested to please circulate the above decision of PAC to Centre-in-charges under their jurisdiction for compliance.

All Centre Incharge

All Sr. AD/AD/SHO/HO at Head-office

DD (F&A)- for kind information

Cc to: PS to MD for kind information

PA to AMD for kind information

National Horticulture Board
Ministry of Agriculture & Farmers Welfare,
Government of India,
Plot No.85, Sector 18, Institutional Area,
Gurugram – 122 015 (Haryana)
Ph. 0124-2342992, Fax: 2342991, 2341225
Website: www.nhb.gov.in

NHB/CC/PAC Meetings/Policy Decisions/2018-19/

4753

October 04, 2018

CIRCULAR

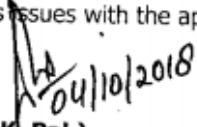
I am directed to convey that the Project Approval Committee (PAC) of National Horticulture Board in its meeting held on 28.06.2018 has approved insertion of unit (MT) for the existing cost norms as MT capacity was not mentioned in cost norms in earlier circular No. NHB/CC/ATR-14th PAC/2010-11/250-10 AP dated 06/07.04.2011 (copy enclosed).

Cost Norms for Raisin Processing Unit (Rupees per MT)

- Rs 40,000/- per MT for construction of Raisin Shed only.
- Rs 50,000/- per MT for construction of raisin shed and one of the components i.e. grading machine or plastic crates.
- Rs 60,000/- per MT for construction of shed, purchase of grading machine & plastic crates.

All concerned may please note the above for necessary compliance.

This issues with the approval of Competent Authority of the Board.


(D.K. Pal)
Dy. Director(Coord.)

Distribution:

1. All Area Officers, NHB, HQ
2. Joint Director(F&A), NHB, HQ
3. All Centre Incharge, NHB's Centres
4. All DD's/SHO's/HO's, NHB, HQ
5. DD(IS), NHB, HQ

Copy to :

PS to MD/DMD – for kind information

1.3.e. Technical Standards : Project should strictly comply with the prescribed Technical standards of NCCD, else the project is not eligible for any financial assistance. The standards can be accessed at the link <http://nhb.gov.in/guideline/NCCDGuidelines2014-15.pdf>