



**Directorate of Agriculture**

Government of Goa  
Krishi Bhavan, Tonca, Caranzalem,  
Goa - 403 002

# CIRCULAR



**“National Horticulture Mission”**

**(NHM)**

under

**Mission on Integrated Development of Horticulture**

**(MIDH)**

# **2017-18**

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DIRECTORATE OF AGRICULTURE  
GOVERNMENT OF GOA  
KRISHI BHAVAN, TONCA, CARANZALEM, GOA - 403 002

HORTICULTURE SECTION

No. 3/3/HORT/CSS/NHM/8/2017-18/D.AGRI/23

DATE: 4/07/ 2017

**CIRCULAR**

**Sub: National Horticulture Mission (NHM) 2017-18.**

Mission for Integrated Development of Horticulture (MIDH) is a centrally sponsored scheme for the holistic growth of the horticulture sector covering fruits, Vegetables, root & tuber crops, mushrooms, spices, flowers, aromatic plants, coconuts, cashew, cocoa and bamboo.

National Horticulture Mission (NHM) the sub schemes of MIDH will be implemented in the state during 2017-18. The components of the Scheme, operational guidelines, cost and subsidy norms, targets as other details are given below.

**I. Establishment of new gardens (Area Expansion):**

The mission envisages coverage of area under improved varieties of horticultural crops and enhancing the productivity.

**Guidelines:**

- ❖ Focus should be laid on high yielding varieties for productivity enhancement through adoption of improved and appropriate technology.
- ❖ Planting material should be sourced from accredited nurseries like departmental Nurseries, ICAR-complex Goa, Government Research Station and Registered Nurseries in Goa or outside the state. Planting Material of Seed/seedling origin for Banana and Pineapple can be sourced from progressive farmers. Bill / Receipt towards purchase of planting material should be produced.

(2)

- ❖ Micro-Irrigation should be integrated for better survival (optional). Assistance for Micro-Irrigation can be availed separately from other schemes.
- ❖ ZAO's shall verify the individual claims and certify the utilization of planting material and other inputs, along with required documents for releasing the eligible subsidy to the beneficiary, after planting is completed.
- ❖ The subsidy is towards cost of planting material, integrated Nutrient Management and Integrated Pest Management.
- ❖ The indicative cost of area expansion of selected fruits crops is given in Annexure-VI.

**1) *Fruits***

**a) Cost intensive crops (without integration):**

**i. Banana & Pineapple:**

Banana and Pineapple will be promoted as an intercrop in cashew area expansion during initial years. Maintenance during previous years would be taken up under this component. The subsidy will be given as per the cost norms given in the table.

**ii. High Density Planting (Mango):**

High density plantation as Mango done during previous year would be provided maintenance under this component. No new cases will be taken up under this component during 2017-18.

**b) Fruit Crops other than cost intensive crops using normal spacing:**

Fruit crops such as Mango, Kokum, Lime, Jackfruit which have been assisted during previous year would be provided maintenance under this component. No new cases will be taken up under this component during 2017-18.

**2) Hybrid Vegetable Cultivation:**

Assistance to the extent of 40% of cost limited to ₹20,000/- per Ha will be given under this component in kind by supply of hybrid vegetables.

**3) Flowers:****a) Bulbous flowers:**

Under this category assistance would be provided for cultivation of Gladiolus, Tuberose, Heliconias, etc in open cultivation.

**b) Loose flowers:**

Under this category assistance would be provided for cultivation of flowers like Marigold, Jasmine, Crossandra, etc in open cultivation.

**4) Plantation crops:****Cashew (without integration):**

Assistance for area expansion of Cashew will be provided for cultivation of high yielding varieties such as V-4 and V-7 and Balli-2 etc.

**Cost & Sub-Subsidy Norms:**

Sr. No	Sub Component	Standard cost Per hac ₹	Maximum Subsidy Per hac ₹	1st Installment ₹	2nd Installment ₹	3rd Installment ₹
1	<b>Fruits (Max.area per beneficiary is 4.0 hac)</b>					
(a)	<b>Cost Intensive crop</b>					
(i)	Banana (suckers)	87500	(40%)35000	(75%)26250	(25%)8750	-
(ii)	Pineapple (Suckers)	87500	(40%)35000	(75%)26250	(25%)8750	-
2	<b>Flowers (Maximum area per beneficiary in 2.0 hac)</b>					
(i)	Bulbous flowers	1.50 lakh	(40%)60000	60000	-	-
(ii)	Loose flowers	40000	(40%)16000	16000	-	-
3	<b>Plantation crops (Max.area per beneficiary is 4.0 hac)</b>					
(i)	Cashew	50000	(40%)20000	(60%)12000	(20%)4000	(20%)4000

**II. Component: Mushroom Production Unit:**

Assistance to the extent of 40% of the cost for Mushroom production unit will be given with maximum cost of ₹20.00 lakhs per unit for meeting the expenditure on infrastructure as credit linked back ended subsidy.

**III. Rejuvenation /replacement of senile plantation, canopy Management:**

Assistance will be provided for Rejuvenation of senile/ unproductive cashew plantation by replacement with high yielding varieties like V4, V7, and Balli-2 and canopy management. Guidelines given for component-II should be followed.

The subsidy norms are as below:

Standard Cost	Unit	Maximum Subsidy	2017-18
40000	ha	(50%)20000 (Single inst.)	20000
Maximum area per beneficiary is 2.0 ha			

**IV. Component: Protected Cultivation:**

In order to encourage farmers to take up high value flowers & vegetable crops under protected cultivation like Polyhouse structures and plastic mulching will be promoted and assistance will be provided as per the guidelines and cost norms given below:

Sr. No.	Sub component	Standard Cost per Sq.mtrs ₹	Max Subsidy (50%) per sq.mts ₹	Max area per beneficiary sq.mts
1	Naturally ventilated system			
	Tubular structure	(i) 1060/-(area upto 500 sq.mts)	530/-	4000
		(ii) 935/-(area >500 sq.mts upto 1008sq.mts)	467.50	4000
		(iii) 890/-(area > 1008 sq.mts upto 2080sq.mts)	445/-	4000
		(iv) 844/-(area >2080 sq.mts upto 4000sq.mts)	422/-	4000
2	Cost of planting material & cultivation of Orchid & Anthurium under Poly house/shade net house	700/-	350/-	4000
3	Plastic Mushing	32000/- per hac	16000	2.0 hac

**Guidelines:**

- ❖ The construction / erections of Green house/Polyhouse structures and laying of drip Irrigation system should be done by the contractors / dealers empanelled by the Director of Agriculture.
- ❖ The applications along with project report, banks loan appraisal / approval letter and other document should be submitted for obtaining approval of State Level Executive Committee (SLEC).
- ❖ The prescribed application form is given at Annexure I.  
Any old / pending cases under Shade net shall be settled under National Horticulture Mission (NHM) as per availability of funds. However Zonal Agricultural Officers' are requested not to accept any new applications.

V. **Component: Pollination Support through Bee keeping:**

Under this component, assistance to the extent of 40% of cost would be given for honey bee colonies to facilitate pollination of various crops. The estimated cost of one colony consisting of eight frames is ₹2,000.

VI. **Component: Human Resources Development (HRD):**

**Training of farmers:**

Under this component various training programmes/ study tours will be organized within and outside State for the farmers and technical staff/ field functionaries. The details of the same shall be communicated separately. However, Zonal Agricultural Officers' shall submit the detail proposal for conducting such training in their zones as per the needs/crops.

**VII. Component: Integrated Post Harvest Management:**

Assistance will be provided for setting up of various infrastructures for Post Harvest Management of Vegetable and Fruit crops for various components as detailed below:

<i>Sr. No.</i>	<i>Particulars</i>	<i>Maximum Admissible Cost &amp; Specifications</i>	<i>Maximum Admissible Assistance</i>
1.	Integrated pack house unit with facilities for conveyer belt, sorting, grading units, washing, drying, and weighing	₹50.00 lakhs per unit with size of 9 mts. x 18 mts.	Credit linked back ended subsidy @ 35% of cost of project
2.	Pre Cooling unit	₹25.00 lakhs per unit with capacity of 6 MT.	
3.	Cold Storage Unit – Type 2 PEB Structure for multiple temperature and product use.	₹10,000/-per MT (maximum 5 MT capacity)	
4.	Reefer Vans/ Containers	₹26.00 lakhs for 9 MT and prorata basis for lesser capacity, but not below 4 MT.	
5.	Primary/ Mobile/ Minimal Processing Unit	₹25.00 lakhs per unit.	Credit linked back ended subsidy @ 40% capital cost of project
6.	Special Intervention – enhancement of Value Chain in Cashew.	Project based	50% of cost based on project proposals.

**Guidelines:**

- ❖ All necessary permission from the local authorities should be obtained by the beneficiary.
- ❖ The detail project proposal should be submitted to Directorate of Agriculture for prior approval.

**VIII. Component: Establishment of Marketing Infrastructure:**

Assistance would be provided for establishment of marketing infrastructure by government/ private/ co-operative sector for marketing of horticultural produce as detailed below:

<i>Sr. No.</i>	<i>Particulars</i>	<i>Maximum Admissible Cost &amp; Specifications</i>	<i>Maximum Admissible Assistance</i>
1.	Static/ Mobile/ Vending Cart/ platform with Cool Chamber	₹30,000/- per unit	50% of total cost

**Guidelines:**

- ❖ All necessary permission from the local authorities should be obtained by the beneficiary.
- ❖ The detail project proposal should be submitted to Directorate of Agriculture for prior approval.

**Maintenance of plantations:**

The cases under maintenance of plantation taken up in past under various components shall be submitted to respective District Agricultural Offices' before 31<sup>st</sup> August 2017 to ensure timely release of subsidy while cases under New area Expansion during this financial year before 30<sup>th</sup> November 2017. No maintenance cases should be accepted beyond 31<sup>st</sup> August 2017 without the approval of the Director of Agriculture.

The claims should be submitted in the prescribed format with due consideration of survival of the grafts 75% in 2<sup>nd</sup> year and 90% in 3<sup>rd</sup> year. Completed cases for claim of subsidy should be submitted along with individual application, (Annexure - I) certificate (annexure II), authority letter wherever applicable (Annexure - IV) for settlement.

**Assistance under State Sector Schemes:**

The additional assistance as applicable under the state sector schemes has been notified.



(8)

All Zonal Agricultural Officer are requested to implement the above mentioned components of the National Horticulture Mission with concerted efforts to ensure high area coverage of the crops. The guidelines and targets are attached herewith.

*U.B. Pai*  
(U.B. Pai Kakode)  
State Mission Director/  
Director of Agriculture

Encl: As above.

To,

The Zonal Agricultural Officer, ..... (All)

Copy to:

1. The Managing Director, Goa State Horticultural Corporation Ltd. Caranzalem.
2. The Accounts Officer, Directorate of Agriculture.
3. Programme Co-ordinator, KVK (S), Margao, Goa
4. District Agriculture Officer, North/South.
5. The Assistant Director of Agriculture (P&E), Directorate of Agriculture
6. The Assistant Director of Agriculture (F.T), SAMITI, Ela, Old-Goa
7. The Farm Superintendent, Government Agricultural Farm, Codar/Kalay
8. Coordinators at Head Quarters ..... (All)

## GUIDELINES - I

### GUIDELINES FOR DISTRIBUTION OF INPUTS & IMPLEMENTING THE SCHEME

1. The benefits of the scheme should be extended to the bonafide farmers only (As per the criteria fixed vide Circular No. RET/II/15/28/Part-III/96/D. Agri/402, dated 31.07.1996) and to those farmers having valid Krishi Card issued by this Directorate and as per the present guidelines under Krishi Card issued from time to time.
2. Application in the prescribed proforma should be obtained from the bonafide farmers for consideration of the assistance as per annexure I.
3. 14% of the allotted targets shall be reserved for SC/ST/SF/MF and 10% to Women farmers. The record of such farmers should be maintained separately and reported specifically.
4. Farmers may purchase grafts from Departmental nurseries, ICAR, Government Research Stations or recognized private nurseries having valid licence number on the invoice issued to the farmer within or outside State.
5. The beneficiaries should be briefed about planting and after care management. They should be provided with a technical folder published by the Directorate of Agriculture for their guidance. The farmer should be advised not to cultivate grafts under shade.
6. Farmer purchasing grafts from the registered nurseries, research centers or Government nurseries on their own would be reimbursed the admissible subsidy as per survival. If the farmer has paid any part of the cost of grafts to the nurseryman and desires that balance cost towards the graft is to be deducted and paid to nurseryman, the authority letter to that effect should be attached to the claim of subsidy as per annexure IV.
7. The mining companies planting cashew grafts on mining rejects for creating green cover and soil conservation would not be provided with any assistance under the scheme. However, registered farming companies or farmers with MOA/MOU for cultivation of agriculture/horticulture crops may be provided the benefit within the prescribed ceilings.
8. It may be verified that the farmer has planted the required grafts during II<sup>nd</sup> and III<sup>rd</sup> year for gap filling. In case of failure, the proportionate assistance be deducted.
9. The planting done during 2017-18 shall be assisted under the scheme.

10. Care may be taken to process the cases of subsidy after ascertaining their full name, bank account, etc. Bank detail such as IFSC code, MICR code, Krishi Card number/details, Aadhar Card Number, vis a vis details on Mandate form as per annexure V be attached.
11. Photostat copy of the operational bank passbook of the beneficiary shall be compulsorily enclosed to the application.
12. All subsidy cases above 1 ha should invariably display a board as per the sample at Annexure III.
13. The application should invariably have following documents:
  - a) Application form from the farmers.
  - b) Krishi card copy
  - c) Original receipt of the purchase from nurserymen/input dealer having received payment.
  - d) Completion certificate from Zonal Agricultural Officer in annexure II
  - e) Letter of the bank or financing institution, if any.
  - f) One set of GAR32 for State subsidy, wherever applicable.
  - g) Authority letter, if any, to pay the subsidy to the supplier of grafts as per annexure IV.
  - h) Mandate Form (Annexure V).

## GUIDELINES - II

### PROCEDURE FOR OBTAINING CASHEW GRAFTS BY THE FARMER FROM THE REGISTERED CASHEW NURSERY

1. The cashew grafts should be purchased directly from recognized nurseries by the farmer. The Zonal Agricultural Officer should complete the formalities of inspection of plots, land documents etc and collect authority letter for balance payment of subsidy to the nurserymen and issue a letter to the nurseryman for supply to farmer. In such cases, farmers may be advised to pay the amount over and above the subsidy amount per graft to the nurseryman. In above cases, the Nursery man will issue bill in favour of farmer after deducting the amount received by him and forward this bill to Zonal Agricultural Officer for deduction from farmer's subsidy and shall be paid directly to nursery.
2. If the farmer has paid full amount of cashew grafts to the Nurseryman, then the subsidy amount will be reimbursed to the farmer.
3. The Departmental farms may also supply the cashew grafts as per the above procedure and difference be claimed from the scheme for book adjusting towards the farm receipt.

**ANNEXURE 'F'**

**APPLICATION FORM FOR ASSISTANCE FROM AGRICULTURE DEPARTMENT**

To,  
The Zonal Agricultural Officer \_\_\_\_\_

Sub: Application for \_\_\_\_\_

Sir/Madam,

I hereby request for assistance as per the details attached herewith for the above scheme.

- (1) Applicant's Name in Capital: \_\_\_\_\_
- (2) Applicant's Full Address : \_\_\_\_\_
- (3) Adhar Card No./Registration No: \_\_\_\_\_ (4) Phone No. \_\_\_\_\_ (5)
- Savings Bank Account No.: \_\_\_\_\_ (6) Name of Bank \_\_\_\_\_ (7)
- Branch \_\_\_\_\_
- (8) MICR No. \_\_\_\_\_ (9) IFSC code: \_\_\_\_\_
- (10) Constituency \_\_\_\_\_

**LAND DETAILS:**

- (1) Survey No: \_\_\_\_\_ (2) Total Area: \_\_\_\_\_ (3) Village: \_\_\_\_\_
- (4) Name so field/Ward) \_\_\_\_\_

**P.T.O.**

## DECLARATION

I hereby declare and affirm that the property proposed for development/cultivation as above is in my exclusive possession by virtue of inheritance, lease, ownership, power of attorney, tenancy, co-owner and I am rightfully authorized for taking up the above activity.

I undertake to obtain all the approvals/NOCs required for the above activity from the Competent Authorities.

I hereby declare that the assistance sought by me will be used for the purpose for which it is granted and in the event of non-utilization for the specified purpose, I undertake to refund the full cost of the benefit extended to me, failing which, I authorize the Government to recover the same as revenue recovery.

I hereby admit that the assistance if provided will be based on my own submissions and that in case of any dispute on the title of the land, the assistance availed will not be construed or used as legal evidence or proof for establishing title to the said property.

I hereby indemnify the Department of Agriculture towards damages or losses if any caused by the said activity. I also declare that I have not obtained any assistance towards the present proposal.

The officials of the Department of Agriculture will be free to inspect the activity proposed as and when required. I hereby authorize the Department of Agriculture to credit the financial assistance admissible to me to my bank account.

Signature of the farmer: \_\_\_\_\_

Name: \_\_\_\_\_

**ANNEXURE - II**

Maintenance of the area under National Horticulture Mission

FIRST YEAR / SECOND YEAR

**Declaration form to be filled in by applicant**

I hereby state that I/We have incurred ₹ ..... (Rupees.....  
..... Only) as actual expenditure for the planting  
and maintenance of ..... number of .....seedlings/ grafts/ suckers/ slips  
during year ..... The information furnished above is true and correct.

***Name & Signature/Thumb Impression of the applicant***  
**CERTIFICATE**

*(Certificate of Zonal Agricultural Officer or Assistant Agriculture Officer of the area)*

I Shri/Smt/Kum.....AAO/ZAO  
have inspected the field of above mention farmer  
.....  
.....under..... cultivation as above and certify that applicant has done  
planting and other maintenance as prescribed and per his statement in the application  
form, I certify that the applicant has incurred and amount of ₹.....  
(Rupees .....only), towards  
planting/maintenance of ..... number of seedlings/grafts/suckers/slips during  
.....

Place:

Date:

Office seal

Signature

Name & Designation of the Officer

**ANNEXTURE- III**

***(Sample of display board)***

Assisted by  
Director of Agriculture  
Govt. of Goa  
under  
State Sector Scheme and  
National Horticulture Mission

**Component:**

**Name of the farmer:**

**Village:**

**Crop:**

**Area:**

**Date of 1<sup>st</sup> planting:**

- N.B:**
1. The minimum size of the display board should be 3ft (length) x 3 ft (Width).
  2. The display board should be of permanent nature, prepared of foam board (5mm thickness) or Alluminium composite panel (ACP), etc. Flex board will not be acceptable.
  3. The board should be displayed prominently near the project.



ANNEXURE IV

LETTER OF AUTHORITY

I, .....  
r/o..... hereby state that I have purchased  
..... Nos of ..... grafts from M/s .....  
.....(name of Nursery) vide Receipt No..... dated  
..... on payment of ₹..... against the total cost of ₹.....  
and the amount of difference of ₹..... is due from me to be, paid to the nurseryman.

I, therefore authorize State Mission Director to deduct the aforesaid amount from subsidy  
admissible to me and to pay the same to M/s.....  
and the balance amount of subsidy may be paid to me.

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

To,  
The Zonal Agricultural Officer,  
.....

**ANNEXURE V**  
**RTGS**  
**MANDATE FORM**

1. Name of the beneficiary : .....
- a) Mobile No./Phone No. of the beneficiary : .....
2. Particulars of Bank Account
- a) Name of the bank : .....
- b) Name of the branch : .....
- c) Address of the branch : .....
- d) Telephone No. of the branch : .....
- e) 9 digit code No. of the bank  
and branch as appearing on  
MICR cheque : .....
- f) IFSC Code (11 digit) of the branch : .....
- g) Type of account : .....
- h) Account No.(as appearing on cheque book) : .....

*(In lieu of the bank certificate to be obtained as under, please attach a blank cancelled cheque or photocopy of the cheque issued by your bank for verification of the above particulars)*

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I agree to discharge the responsibility expected of me as a participant under the scheme.

Signature of the beneficiary

Certified that the particulars furnished above are correct as per our records.

Bankers' stamp

Date:

Signature of the authorized

Official of the Bank


*Note: All columns/dates should be filled in block/capital letters*

**Annexure VI**

**Zone wise physical target under National Horticulture Mission 2017-18**

Sr No	Component / Subcomponent	Unit	Perham	Bardas	Bicholim	Souqatlim	Tiswadi	Sattari	Ponda	Sunguerm	Mangoo	Quepem	Camocana	Dharwad/Dara	Total
1	Fruits (Max area per beneficiary is 4.0 hac) New Area Expansion														
(a)	Coast Intensive crop														
	(i) Banana (Stokers) Intercropped in Cashew area expansion plots.	Hac	3	1	1	1	1	2	2	2	1	2	2	2	20
	(ii) Pineapple (Stickers) Intercropped in Cashew area expansion plots.	Hac	0.5	0	0	0	1	0.5	0.5	0.5	0	0.5	0.5	1	5
	(iii) Assistance for Hybrid Vegetable cultivation	Hac													20
2	Flowers														
	(i) Bulbous flowers	Hac	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2
	(ii) Lobes flowers	Hac	0.5	0.5	0.2	0.2	0.2	0.6	0.6	0.6	0.5	0.5	0.5	0.5	5
3	Plantain crops (Max area per beneficiary is 4.0 hac)														
	(i) Cashew Area Expansion	Hac	80	20	30	20	10	60	40	40	5	80	50	65	500
	Rejuvenation of Sterile Plantain (Cashew)	Hac	50	10	15	10	7	30	20	20	3	45	30	40	280
4	Mushroom Production Unit	Nos													
5	Green house/ Polyhouse Structure														
	(a) Naturally ventilated system														
	(i) Tubular structure	Hac													1
	(ii) Plastic Mulching	Hac													22
6	Post Harvest Management/ Market														
	(a) Integrated pack house	Nos													
	(b) Pre cooling unit	Nos													1
	(c) Cold Storage unit Type 2	Nos													1
	(d) Reefer van/ containers	Nos													1
	(e) Primary/ Mobile/ Minimal Processing unit	Nos													3
	(f) Static/ Mobile vending cart/ platform with cool chamber	Nos													2
7	Enhancement of Value chain in Cashew														
	(a) Enhancement of Value chain in Cashew	Nos													5

\*The maintenance target would be as per actual achievements by the zones during 2015-16 and 2016-17 and a report of the same may be submitted by Zonal Agricultural Officers' by 15-07-2017.


  
**J.D. Bhat**  
 State Mission Director /  
 Director of Agriculture

**Annexure VII**

**INDICATIVE UNIT COST OF AREA EXPANSION OF SELECTED FRUIT CROPS  
(Rupees per hacter)**

**(As circulated under NHM schemes)**

<b>Crop</b>	<b>Plant spacing (m)</b>	<b>No. of Plants s/ha</b>	<b>Cost of planting material</b>	<b>Cost of input</b>	<b>Total cost</b>
Banana (sucker)	2.0 x 2.0	2500	25000	40000	65000
Pineapple (suck)	0.6 x 0.3	45000	135000	23000	158000

  
(Umas B. Pai Kakode)  
State Mission Director/  
Director of Agriculture