



**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)**

# 2016-17

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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/8/2016-17/D.AGRI/105      DATE: 1<sup>st</sup> NOV 2016

**CIRCULAR**

**Sub: National Horticulture Mission (NHM) 2016-17**

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 2016-17. The components of the Scheme, operational Guidelines, cost & 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:**

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

2.....

3. Micro-Irrigation should be integrated for better survival (optional). Assistance for Micro-Irrigation can be availed separately from other schemes.
4. 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.
5. The subsidy is towards cost of planting material, integrated Nutrient Management and Integrated Pest Management.
6. The indicative cost of area expansion of selected fruits crops is given in Annexure-VI

**Cost & Sub-Subsidy Norms**

Sr. No	Sub Component	Standard cost Per hac ₹	Maximum Subsidy Per hac ₹	1st Installment ₹	2nd Installment ₹	3rd Installment
1	Fruits (Max.area per beneficiary is 4.0 hac)					
(a)	Cost Intensive crop					
	(i) Banana (suckers)	87500	(40%)35000	(75%)26250	(25%)8750	-
	(ii) Pineapple (Suckers)	87500	(40%)35000	(75%)26250	(25%)8750	-
	(iii) Banana (Tissue Culture)	1.25 lakh	(40%)50000	(75%)37500	(25%)12500	-
	(iv) Pineapple (Tissue Culture)	1.25 lakh	(40%)50000	(75%)37500	(25%)12500	-
	(v) Papaya	60000	(50%)30000	(75%)22500	(25%)7500	-
	(vi) Ultra High Density (meadow orchard)	1.25 lakh	(40%)50000	(60%)30000	(20%)10000	(20%)10000

**Cost & Sub-Subsidy Norms**

Sr. No	Sub Component	Standard cost Per hac ₹	Maximum Subsidy Per hac ₹	1st Installment ₹	2nd Installment ₹	3rd Installment
	(vii) High Density Planting (Mango, Guava, Pomegranate, etc.)	1.00 lakh	(40%)40000	(60%)24000	(20%)8000	(20%)8000
(b)	<b>Fruit crop other than cost intensive crops</b>					
	(i) Using normal spacing	60000	(50%)30000	(60%)18000	(20%)6000	(20%)6000
	3rd year maintenance (old)		3300		-	3330
2	<b>Flowers (Maximum area per beneficiary in 2.0 hac)</b>					
	(i) Cut flowers	1.00 lakh	(40%)40000	40000	-	-
	(ii) Bulbous flowers	1.50 lakh	(40%)60000	60000	-	-
	(iii) Loose flowers	40000	(40%)16000	16000	-	-
3	<b>Spices (Maximum area per beneficiary in 4.0 hac)</b>					
	(i) Seed Spices & Rhizomatic Spices ( Termeric, Ginger, ect)	30000	(40%)12000	12000	-	-
	(ii) Perennial Spices (black pepper, cinamon, clove & nut meg)	50000	(40%)20000	20000	-	-
4	<b>Plantion crops (Max. area per beneficiary is 4.0 hac)</b>					
	(i) Cashew	50000	(40%)20000	(60%)12000	(20%)4000	(20%)4000

## II. Rejuvenation /replacement of senile plantation, canopy Management

Rejuvenation programme will address cashew plantation which have low productivity. Assistance will be provided only in respect of rejuvenating / replanting senile and unproductive plantation through proven technologies by planting high yielding varieties like V4, V7, and Balli-2. Guidelines given for component-II should be followed.

The subsidy norms are as below:

### Cost & Sub-Subsidy Norms

Standard Cost	Unit	Maximum Subsidy	2016-17
40000	ha	(50%)20000 (Single inst.)	20000

Maximum area per beneficiary is 2.0 ha

## III. Component: Protected Cultivation

In order to encourage farmers to take up high value flowers & vegetable crops under protected cultivation like Green house/Polyhouse structures, Shade net houses, Plastic tunnels, Walk in tunnels, and plastic mulching will be promoted.

### 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

Cost & Sub-Subsidy Norms

Sr No.	Sub component	Standard Cost per Sq.mtrs ₹	Max Subsidy (50%) per Sq.mtrs, ₹	Max area per beneficiary sq.mts ₹
	<b>Green house Structure</b>			
	(a) Fan & pad system	(i) 1650/- (area upto 500)	825/-	4000
		(ii) 1465/- (area > 500 upto 1008)	732.50	4000
		(iii) 1420/- (area >1008 upto 2080)	710.00	4000
		(iv) 1400/- (area>2080 upto 4000)	700.00	4000

Cost & Sub-Subsidy Norms

Sr No.	Sub component	Standard Cost per Sq.mtrs ₹	Max Subsidy (50%) per sq.mts ₹	Max area per beneficiary sq.mts
	<b>(b) Naturally ventilated system</b>			
	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	<b>Shade Net house</b>			
i.)	Tubular structure	710/-	355/-	4000
ii.)	Wooden structure	492/- per sq.mt.	246/-	4000 (Each unit should not exceed 200 sq.mts.)
iii.)	Bamboo structure	360/- per sq.mt	180/-	1000
3	<b>Plastic tunnels</b>	60/-	30/-	4000 sq.mts (each unit should not exceed 800 sq.mts)
4	<b>Walk-in-tunnels</b>	600/-	300/-	5000 sq.mts
5	<b>Anti Bird/Anti Hail nets</b>	35/-	17.50	4000 sq.mts
6	<b>Cost of planting material of high value vegetables grown in Polyhouse</b>	140/-	70/-	4000 sq.mts
7	<b>Cost of planting material &amp; cultivation of Orchid &amp; Anthurium under Poly house/shade net house</b>	700/-	350/-	4000
8	<b>Cost of planting material &amp; cultivation of Carnation &amp; Gerbera under Polyhouse/s shade net house</b>	610/-	305/-	4000

(6)

**Cost & Sub-Subsidy Norms**

Sr No	Subcomponent	Standard Cost per Sqmts ₹	Max Subsidy (50%) per sqmts ₹	Max area per beneficiary sqmts
9	Cost of planting material & cultivation of Roses & Lillium under Polyhouse/ Shade net house	426/-	213	4000
10	Plastic Mulching	32000/- per hac	16000	20 hac

Any old / pending cases under Plastic Mulching 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/ approve new cases.

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

**Training of farmers:**

Farmers will be trained to adopt new improved technologies in their field by conducting half /full day training programme at Village/ Taluka / State level. The expenditure towards hall, chairs, refreshments, working lunch, travelling for farms Visit, literature, etc will be incurred to conduct the training. Zonal Agricultural Officer should submit the detail proposal for conducting such training in their zones.

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

**a) Sub component: Function Pack house/ on farm collection unit:**

Assistance will be provided for setting up of functional pack house/ on farm collection unit to create facility for collection storage and packing of horticulture produce before marketing:

**Guidelines:**

- ❖ All necessary permission from the local authorities should be obtained by the beneficiary.
- ❖ The size of units should be 9mts x 6 mtrs [54 sq.mts.]
- ❖ The detail project proposal should be submitted to Directorate of Agriculture for prior approval.

**Cost & Sub-Subsidy Norms**

Standard cost	Subsidy 50%
₹4 lakh / unit of size 9mts x 6mts	₹2 lakh / per unit

**b) Primary/Mobile Minimal Processing Unit:**

Sr. No	Standard cost	Subsidy (40%)
1.	₹25.00 lakhs/unit	₹10.00 lakhs

**Maintenance of plantations:**


The cases under maintenance of plantation taken up in past under various components shall be submitted to respective DAOs before 15.11.2016 to ensure timely release of subsidy while cases under New area Expansion during this financial year before 15.12.2016. 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 shall be circulated separately.



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.

  
(H. 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.Agr/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 along with fees of ₹20/-per application 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, or recognized private nurseries having valid licence number on the invoice issued to the farmer.
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 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 2016-17 shall be assisted under the scheme.

10. Care may be taken to process the cases of subsidy after ascertaining their proper names, surnames, bank account, etc. Bank detail such as IFSC code, MICR code should be recorded on the application/GAR 32. 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 'I'**

**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.**

**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 `Rs.....

(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/ZA  
O 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 Aluminium 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 2015-16

Sr No	Component / Subcomponent	Unit	Fernem	Berzals	Bicholim	Sankulim	Tiswadi	Sattari	Ponda	Sanguem	Margao	Quepem	Canacona	Dharwadwara	Total
1	Fruits (Max area per beneficiary is 4.0 hac) New Area Expansion														
(a)	Coast intensive crop														
	(i) Banana (Sukern)	Hac	1.5	0.2	0.6	0.3	0.2	1.5	1	1.5	0.2	0.5	0.6	1	9.1
	(vi) High Density Planting (Mango, Guava, Pomegranate, etc.)	Hac	0.35	0	0.2	0.1	0	0.2	0.1	0.2	0	0.1	0.2	0.2	1.65
(b)	Fruit crop other than coast intensive crops														
	(i) Using normal spacing	Hac	1.5	1.5	1.5	1	1	1.61	1.5	1.5	1	1.5	1.5	2	17.11
	(ii) Bulbous flowers	Hac	0.15	0.1	0.05	0.05	0.1	0.1	0.1	0.15	0.05	0.05	0.1	0.05	1
	(iii) Looser flowers	Hac	0.25	0.1	0.25	0.25	0.1	0.25	0.5	0.25	0.1	0.25	0.25	0.25	2.8
2	Spices (Maximum area per beneficiary is 4.0 hac)														
	(i) Seed Spices & Rhizomatic Spices (Turmeric, Ginger, etc.)	Hac	0.15	0.1	0.15	0.15	0.05	0.25	0.25	0.25	0.05	0.2	0.2	0.2	2
	(ii) Perennial Spices (black pepper, cinnamon, clove & nut meg)	Hac	4	2	4	4	1	6	6	5	1	4	4.78	4	45.78
3	Plantation crops (Max area per beneficiary is 4.0 hac)														
	(i) Cashew	Hac	5	2	4	1	1	7	6	5.4	1	6	4	6	48.4
4	Rejuvenation of Senile Plantation	hac	10	5	10	5	3	21.8	10	20	3	15	15	20	137.8
5	Mulitroom Production Unit	Nos													
6	Green house/Polyhouse Structure														
	(a) Fan & pad system	Hac	--	--	--	--	--	--	--	--	--	--	--	--	0
	(b) Naturally ventilated system	Hac	0.2	0.2	0.2	0.1	0.1	0.4	0.3	0.4	0.1	0.4	3	0.1	5.5
7	Plastic Mulching	Hac													
8	Post Harvest Management/ Market														
	(a) Pack house	Nos													
	(b) Integrated pack house	Nos													3
	(c) Mobile processing unit	Nos													2
	(d) Retail outlet	Nos													4
	(e) Mobile vending carts	Nos													1
		Nos													5

\*The maintenance target would be as per actual achievements by the zones during 2014-15 and 2015-16 and a report of the same may be submitted by Zonal Agricultural Officers by 15/11/2016.

  
 (Ulhas B. Pal Kalkode)  
 State Mission Director  
 Director of Agriculture