

Mr. Nevil Alphon



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

CIRCULAR

**"National Horticulture Mission
(NHM)"**

2015-16

Phone No.: (0832) 2465840, 2465443, 2465845

Fax No.: (0832) 2465441

Email Id: dir-agri.goa@nic.in, dydirhort-agri.goa@nic.in

No.3/3/Hort/NHM/2/2015-16/D.Agri/82
Government of Goa
Directorate of Agriculture
Horticulture Section,
Krishi Bhavan,
Tonca, Caranzalem – Goa.
Date: 4th June 2015.

CIRCULAR

Sub: National Horticulture Mission (NHM) 2015-16

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 2015-16. 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.
3. Micro-Irrigation should be integrated for better survival (optional). Assistance for Micro-Irrigation can be availed separately from other schemes.

(2)

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

(3)

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)	Fruit crop other than cost intensive crops					
	(i) Using normal spacing	60000	(50%)30000	(60%)18000	(20%)6000	(20%)6000
	3rd year maintenance (old)		3300		-	3330
2	Flowers (Maximum area per beneficiary in 2.0 hac)					
	(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	Spices (Maximum area per beneficiary in 4.0 hac)					
	(i) Seed Spices & Rhizomatic Spices (Turmeric, Ginger, ect)	30000	(40%)12000	12000	-	-
	(ii) Perennial Spices (black pepper, cinnamon, clove & nut meg)	50000	(40%)20000	20000	-	-
4	Plantation crops (Max. area per beneficiary is 4.0 hac)					
	(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.

(4)

Cost & Sub-Subsidy Norms

Standard Cost	Unit	Maximum Subsidy	2015-16
40000	hae	(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 ₹
	Green house I Structure			
	(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

(5)

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) 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	Shade Net house			
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/-	
3	Palstic tunnels	60/-	30/-	1000
4	Walk-in-tunnels	600/-	300/-	4000 sq.mts (each unit should not exceed 800 sq.mts)
5	Anti Bird/Anti Hail nets	35/-	17.50	5000 sq.mts
6	Cost of planting material of high value vegetables grown in Polyhouse	140/-	70/-	4000 sq.mts
7	Cost of planting material & cultivation of Orchid & Anthurium under Poly house/shade net house	700/-	350/-	4000
8	Cost of planting material & cultivation of Carnation & Gerbera under Polyhouse/shade net house	610/-	305/-	4000

(6)

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
9	Cost of planting material & cultivation of Roses & Lilium under Polyhouse/ Shade net house	426/-		
10	Plastic Mulching	32000/- per hac	213 16000	4000 2.0 hac

IV. Component: Organic Farming**a) Sub-component: Adoption of organic farming.**

Sr. No.	Standard cost	Subsidy (50%)	1 st year	2 nd year	3 rd year	Remarks
1.	₹20,000/- per ha	₹10,000/-	₹4,000/-	₹3,000/-	₹3,000/-	The programme to be linked with Certification

b) Sub-component: Organic certification:

Sr. No.	Standard cost	Subsidy (50%)	1 st year	2 nd year	3 rd year	Remarks
1.	Project based	₹5.00 lakhs per cluster	₹1.5 lakhs	₹1.5 lakhs	₹2.00 lakhs	Each cluster should be of 50 ha

c) Sub-component: Vermicompost units/ organic input Productions.

Assistance would be provided for generating on farm organic inputs by establishing vermicompost units and HDPE vermibeds.

Guidelines:

- ❖ The size of the permanent structure for vermicompost unit should be 30^{ft} x 8^{ft} x 2^{ft}.
- ❖ For HDPE vermibed the size should be 12^{ft} x 4^{ft} x 2^{ft} (96 cuft size).
- ❖ For HDPE vermibeds the specification and design parameters of Agro-Textile-HDPE woven beds for vermiculture should conform to BIS standards (Is 15907:2010)

❖ 7.....

Cost & Sub-Subsidy Norms

Sr.No.	Item	Standard Cost /Units	Subsidy (50%)	Remark
1	Vermicompost unit (Permanent structure)	₹1,00,000/-	₹50,000/-	For smaller size units, Subsidy would be provided on Pro-Rata basis.
2	HDPE Vermibed	₹16,000/-	₹8,000/-	

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.

(8)

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 maintenance of plantation taken up in past under various components shall be submitted to HQ before 30.08.2015 to ensure timely release of subsidy. The claims should be submitted in the prescribed format with due consideration of survival of the grafts 75% in 2nd year and 90% in 3rd 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.


(Orlando Rodrigues)
State Mission Director/
Director of Agriculture

Encl: a/a

To,

The Zonal Agricultural Officer, (All)

Copy to:

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

GUIDELINES - IGUIDELINES 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 issued with Krishi Card.
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 IInd and IIIrd year for gap filling. In case of failure, the proportionate assistance be deducted.
9. The planting of grafts should be completed preferably by end of 31st July 2015.
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 (Indicating receipt of Rs.20/-clearly).
 - 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 FEE ₹20/-

Receipt No:

Date:

APPLICATION FORM FOR ASSISTANCE FROM AGRICULTURE
DEPARTMENTTo.
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 2013-14

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 the 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..... AA0/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), toward
planting/maintenance of number of seedlings/grafts/suckers/slips during 2013-14

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 1st 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 VI (a)
Zone wise physical target under National Horticulture Mission 2015-16

Sr no / Subcomponent	Unit	Pernem	Bardaz	Bicholim	Sanquelim	Tiswadi	Sattari	Ponda	Sanguem	Margao	Quepem	Canacona	Dharwadorn	Total
1 Fruits (Max. area per beneficiary is 4.0 hac)														
Cost Intensive (a) crop	Hac													
(i) Banana (suckers)	Hac	0.4	0.2	0.4	0.1	0.1	1	1	0.1	0.2	0.3	0.2	0.2	5
2nd year	Hac	-	-	0.78	-	0.52	-	-	0.44	-	0.54	0.82	-	3.2
(ii) Pineapple (Suckers)	Hac	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	2
2nd year	Hac	-	-	-	-	-	-	-	-	0.22	-	-	-	0.22
(iii) Banana (Tissue Culture)	Hac	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	2
(iv) Pineapple (Tissue Culture)	Hac	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.22
(v) Papaya	Hac	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2
(vi) Ultra High Density (meadow orchard)	Hac	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	2
(vii) High Density Planting (Mango, Guava, Pomegranate, etc.)	Hac	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	1.2
2nd year maintenance	Hac	-	-	-	-	-	-	-	-	-	-	-	-	-
Fruit crop other than cost intensive crops														0.43
(i) Using normal spacing	Hac	1.5	1.5	1	1	2.5	2	2.5	1.5	1.5	1.5	2	2	20
2nd year maintenance	Hac	0.69	1.95	1.06	-	8.01	-	5.25	-	4.87	2.22	-	-	24.05
3rd year maintenance	Hac	-	-	0.88	1.12	-	-	5.56	-	3.22	-	-	-	16.94

Annexure VI (b)
Zone wise physical target under National Horticulture Mission 2015-16

Sr. Component no /Subcomponent	Unit	Pelneem	Bardez	Bicholim	Sanquelim	Tiswadi	Sattari	Ponda	Sanguem	Margao	Quepem	Canacona	Dharwad	Total
(i) Cut flowers	Hac	0.05	0.1	0.1	0.05	0.05	0.1	0.1	0.1	0.05	0.1	0.1	0.1	1
(ii) Bulbous flowers	Hac	--	--	0.05	--	--	0.1	0.1	0.1	--	0.05	0.05	0.05	0.5
(iii) Loose flowers	Hac	0.05	0.1	0.1	0.05	0.05	0.1	0.1	0.1	--	0.05	0.05	0.05	1
2 Spices (Maximum area per beneficiary in 4.0 hac)														
(i) Seed Spices & Rhizomatic Spices (Turmeric, Ginger, ect)	Hac	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.05	0.1	0.05	0.1	1
(ii) Perennial Spices (black pepper, cinnamon, clove & nut meg)	Hac	0.4	0.2	0.4	0.2	0.1	0.8	0.8	0.8	0.1	0.4	0.4	0.4	5
Plantation crops (Max.area per beneficiary is 4.0 hac)														
(i) Cashew	Hac	3	2	5	1	1	7	6	7	1	6	4	7	50
2nd year maintenance(2013-14)	Hac	-	-	4.79	2.65	-	-	11.5	1.25	-	15.73	-	-	35.92
3rd year maintenance(2012-13)	Hac	-	-	-	2.28	8.02	-	-	22.39	-	6.64	-	24.23	63.56
Rejuvenation of Senile Plantation	hac	15	5	15	5	5	35	10	30	5	20	20	30	195

Annexure VI (c.)
Zone wise physical target under National Horticulture Mission 2014-15 2A/5/C

Sr. no.	Component / Subcomponent	Unit	Pernem	Bardaz	Bicholim	Sanquelim	Tiswadi	Sattari	Ponda	Sanguem	Margao	Quepem	Canacona	Dharbandora	Total
5	Green house/Polyhouse Structure														
	(a) Fan & pad system	Hac	--	--	--	--	--	--	--	--	--	--	--	--	--
	(b) Naturally ventilated system	Hac													
	Tubular structure	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
6	Shade net House	hac						0.05		0.05					0.1
	Tubular structure														
7	Palstic tunnels	Hac													
8	Walk-in-tunnels	Hac													
9	Anti Bird/Anti Hail	Hac													
10	Plastic Mushing	Hac	0.3	0.3	0.2	0.1	0.2	0.8	0.4	1	0.2	0.3	0.2	1	5
11	Vermicompost units														
	HDPE, Vermibed	Nos	3	1	2	1	1	4	4	3	1	2	1	2	25
	Permanent structure														
			--	--	--	--	--	1	--	1	--	--	--	--	2
12	Pack houses	Nos	--	--	--	--	--	--	1	--	--	--	--	--	1

Annexure VII

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

(As circulated under NHM schemes)

Crop	Plant spacing (m)	No. of Plants s/ha	Cost of planting material	Cost of input	Total cost
Banana (sucker)	2.0 x 2.0	2500	25000	40000	65000
Banana (TC)	1.8 x 1.8	3086	52462	50000	102462
	1.5 x 1.5	4444	75548	60000	135548
Guava	6.0 x 6.0	278	8340	30000	38340
	3.0 x 6.0	555	16650	35000	51650
	3.0 x 3.0	1111	33330	40000	73330
	1.5 x 3.0	2222	66660	45000	111660
	1.0 x 2.0	5000	150000	50000	200000
Mango	10.0 x 10.0	100	4500	21000	25500
	5.0 x 5.0	400	18000	23000	41000
	4.0 x 6.0	416	18720	30000	48720
	3.0 x 6.0	555	24975	32000	56975
	3.0 x 4.0	833	37485	35000	72485
	2.5 x 2.5	1600	72000	40000	112000
Papaya	1.8 x 1.8	2777	41655	20000	61655
	1.5 x 1.5	4444	66660	22000	88660
Pineapple (suck)	0.6 x 0.3	45000	135000	23000	158000
Pineapple (TC)	0.6 x 0.3	45000	180000	34500	214500
	0.3 x 0.6 x 0.9	43000	172000	34500	206500
	0.225 x 0.6 x 0.9	53000	212000	56000	268000