

Development

Directorate of Agricultural

Department

and Farmers Welfare

Thiruvananthapuram, Dtd /05/2021

**Circular**

Sub:- Annual Plan 2021-22-Scheme for Coconut Development-Establishment of Model HYV Dwarf/Semi - tall Coconut Farms including technology support -Working Instructions issued - Reg

Read:- This office order no. ADFW/3118/2021-TP 2 dated 23.4.2021

During the current financial year there is a budget provision of **Rs 7547.00 lakh** under Head of Account **2401-00-103-87 Plan** for implementation of the scheme 'Coconut Development'. One of the components of the scheme is 'Establishment of Model HYV Dwarf/ Semi Tall Coconut Demonstration Farms including Technology Support' in farmers gardens, adopting modern technologies during the financial year 2021-22 with a budget provision of Rs 50.0 lakh (**Rupees Fifty lakh only**). As per order read above, continuous administrative sanction has been accorded for the implementation of the 'Establishment of Model HYV Dwarf/Semi Tall Coconut Demonstration Farms including Technology Support' component for an amount of Rs 50.0 lakh.

**Objectives:**

Major objectives of the scheme are as follows:-

- 1.To set up nucleus gardens of coconut with Dwarf varieties in farmers field s throughout Kerala with most modern technology of crop production.
- 2.To create awareness among the farmers about the use of dwarf varieties in addressing labour shortage in harvesting of nuts.
3. Income generation and popularisation of tender coconut production.
4. To evaluate the performance of some varieties which are claimed to be s uper performing varieties as claimed by their producers.

**Establishment of Demonstration Gardens in Farmers Fields**

The varieties that can be used for establishing the model gardens a

t farmers fields are the local Dwarfs mainly Chowghat Green Dwarf (CGD) and Chowghat Orange Dwarf (COD) or other Dwarf varieties like Kalpa Raksha, Kalpa Sree, Kalpa Jyothi, Kalpa Surya, hybrids like Kalpa Sreshta, Chandra Sankara, Kera Sankara, Chandra Laksha, Kalpa Samrudhi, Kalpa Sankara depending upon the availability of the variety or type. Seedlings of the same have to be procured from the Departmental Farms, Farms of the Kerala Agricultural University, Tamil Nadu Agricultural

University or from the Central Research Institutes like CPCRI. It can also be procured from the approved nurseries of Coconut Development Board and in that case, the authenticity of the approval has to be strictly verified with the CDB by the implementing official and a record of the same should be filed. The procurement should be done in such a way that no spurious planting material is planted by the beneficiaries and this has to be ensured by the implementing official and his/her controlling officer.

For smooth and effective implementation, the procurement of the seedlings has to be done by the farmer himself from the designated centres and the authenticated bills and vouchers are to be presented to the concerned officer after attesting it himself. The source of planting material has to be intimated to the concerned office well in advance before the procurement process is initiated. This condition is put for ensuring the quality of seedlings bought by the farmer and a site inspection can be done by the official if the situation warrants.

The method of planting is square system with 7.6 x 7.6 m spacing which should accommodate 35 plants per unit plot. Directions and supervision for the land development, laying out, technical devices etc., as per the approved Package of Practices are to be given by the respective Agricultural Officers.

All the manorial, plant protection and after care programmes are to be adopted location specifically with the approved POP by KAU or equivalent Research Institutes as standards and a diary of events is to be kept for each unit of demonstration plot by the farmer. An Agricultural Assistant is to be put in charge of the demonstration farms under the Krishi Bhavan.

Drip system of irrigation should be adopted. The farmer will have full freedom for the establishment of the drip irrigation system, however it should be technically feasible and it should be ensured by the concerned Agricultural Officers.

The proposed garden will be established in farmers fields in unit size 0.2 ha either in new fields or cleared existing plantations with low yield and

difficulty in harvesting. A total of 67 such gardens (Primary plots) will be established in this programme. However in some cases the farmers will have more resource like land, pump sets, etc., to accommodate more than one unit. In those cases, the subsequent plots established will be called as 'Additional Plots' for which the financial assistance pattern will be a different one. Interested farmers with resources to accommodate one more such unit (secondary plots) may be sanctioned the same and hence 9 nos of additional units will be established. Thus, 76 nos of demonstration plots will be established during 2021-22. However, only one variety of coconut is allowed in one unit of garden to be established.

### Financial Outlay

The financial assistance for the scheme for Establishing Demonstration plots at farmers fields is as follows:

Sl.no	Activities or inputs needed	Rate per palm or rate per unit at the current rates	Percent age of assistance	Amount of Assistance per unit (Rs)	Ceiling proposed per 0.2 Ha in Rs.
1	Land development (clearing, removing the existing plants, levelling and other soil conservation measures if necessary, etc.)	Rs.750/- per cent of land	35	250/- per cent of land	12500
2	Pitting with the recommended specifications	Rs.30/- per pit	50	15/- per pit	525
3	Cost of Dwarf seedlings	Rs.200/- per seedling	100	200/-	7000
4	Irrigation A. Drip system including cost of pump	Rs.35000/- per 50 cents	75	26250/- per 50 cents	26250
	B. Farmers with more than one unit of nucleus garden. (cost of pump is excluded)	Rs.30000/- per additional unit of 0.2 ha	60	18000/- per addnl. Unit of 0.2ha	18000
5	Cost of plant protection activities	Rs.40/- per palm per year	20	8/- per palm/year	280
6	Cost of manure and fertilisers	Rs.30/- per palm/year	50	15/- per palm/year	525

*	Total for the primary plots with item 4A			47080
**	Total for the subsequent plot with item 4B			38830

The claim statements prepared for disbursing financial assistance should contain the duly certified bills of pumpsets, drip irrigation components, planting materials and other inputs. For the expenditure incurred on all the cultural activities undertaken and labour portion of drip installation and land Development works, a duly certified statement is sufficient.

General Guidelines are given below:

1. Applications in the prescribed format in vogue should be used. The beneficiary selection shall be carried out in Agricultural Development Committee (ADC).
  2. The Demonstration plots laid down should be properly publicised with a display board of minimum size 3ft x 2ft, preferably with green letters inscribed on a white background. The name of scheme, name of Krishi bhavan, year of planting, variety used, spacing adopted, no. of palms planted, extent of demonstration plot, name of beneficiary etc., should be well displayed.
  3. The beneficiaries of the scheme should be enrolled in the State Crop Insurance scheme.
  4. An undertaking to the effect that the plot will be made available for exposure visits, studies on the performance and adaptability of various varieties in different districts, study of water usage, hybridisation etc. should be executed.
  5. Store purchase rules shall be strictly adhered for all kinds of purchases.
- Tender/e-tender and other stipulated formalities shall be followed wherever necessary.
6. Assistance to beneficiary farmer should be effected as e-payment.
  7. Demonstration value should be ensured while selecting the location of the Plots

The details of financial requirement for establishment throughout the state is presented below

## FARMER DEMONSTRATION PLOTS

Sl.no	Type of gardens to be established	Quantity (Nos)	Area covered (ha)	Rate per unit (Rs)	Amount (Rs. in lakh)
1.	Primary Plots	67	13.4	47080	31.54360
2.	Additional plots (secondary plots)	9	1.8	38830	3.49470 limited to 3.4564
	Total	76	15.2		35.0

Besides an amount of Rs.10 lakhs and Rs.5 lakhs is provided under TE and POL for which separate allotments will be given later.

**Implementation and Monitoring**

The Agricultural Officers of Krishi Bhavan will be responsible for effective implementation of the scheme at panchayat level. The Assistant Director of Agriculture will monitor the scheme at Block level and Deputy Director of Agriculture (YP) at District level. The Principal Agricultural Officer will supervise the scheme at District level. The Additional Director of Agriculture (CP) will monitor the scheme at state level. The ADA will submit block wise report to the DDA(YP) who in turn will submit a detailed report to the Additional Director of Agriculture (CP) by the 5<sup>th</sup> of every month. (Reporting and official

correspondence in respect of this scheme should be made in the email id : [adatbagridir@gmail.com](mailto:adatbagridir@gmail.com) as per Annexure - I

The physical and financial target for establishment of gardens in farmers fields is appended (Annexure-II). The Principal Agricultural Officers shall furnish a detailed Completion Report including the no. of beneficiaries (male, female, SC/ST, General) and Utilisation certificate in proper format, (Annexure-III) immediately on completion of the project.

The expenditure of all the components above will be met from the budget provision of Rs. 50.0 lakh under the Head of Account 2401-00-103-87 Plan of 2021-22 financial year.

Directo

r of Agriculture

To

All Principal Agricultural Officers  
Planning section  
TA to Director of Agriculture  
CAS to Addnl DA(Plg), Addl.DA(Farms), Addl.DA(Extn), Addl.DA  
(Mktg)  
SAE  
All Joint Directors of Agriculture(in the Directorate)  
Principal Information Officer, FIB, Thiruvananthapuram  
IT cell for publishing in website

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Annexure 1

**Coconut Development scheme 2021-22**

**Establishment of model HYV Dwarf/Semitall Coconut Demonstration Farms 2021-22**  
 H/A 2401-00-103-87 Plan

District

Sl.no	Components	Amount	Physical		Financial		Remarks
			Target	Achievement	Target	Achievement	
1	Primary Plots						
2s	Secondary plot						
	<b>Total</b>						

Amount

Coconut Development scheme 2021-22

Principal Agricultural Officer

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Principal Agricultural Officer



## Annexure 2

Establishment of model HYV Dwarf/SemiTall Coconut demonstration farms 2021-22  
District wise Physical and Financial target for establishment of gardens in farmers field  
H/A 2401-00-103-87 Plan

Sl.no	District	Physical Target (nos)		Financial Target (Rs.in lakh)		Total (Rs in lakh)	Remarks
		Primary plot	secondary plots	Primary plot	Secondary plots		
1	Thiruvananthapuram	6	1	2.8248	0.3883	3.2131	
2	Kollam	4		1.8832		1.8832	
3	Pathanamthitta	1		0.4708		0.4708	
4	Alappuzha	3		1.4124		1.4124	
5	Kottayam	2		0.9416		0.9416	
6	Idukki	1		0.4708		0.4708	
7	Ernakulam	4		1.8832		1.8832	
8	Thrissur	7	1	3.2956	0.3883	3.6839	
9	Palakkad	5	1	2.354	0.3883	2.7423	
10	Malappuram	9	1	4.2372	0.3883	4.6255	
11	Kozhikode	10	3	4.708	1.1266	5.8346	Amount limited as per AS in secondary plots
12	Wayanad	1		0.4708	0	0.4708	
13	Kannur	8	1	3.7664	0.3883	4.1547	
14	Kasargod	6	1	2.8248	0.3883	3.2131	
	<b>Total</b>	<b>67</b>	<b>9</b>	<b>31.5436</b>	<b>3.4564</b>	<b>35</b>	



## Annexure 3

## Completion report of the scheme for Coconut Development

Establishment of Model HYV Dwarf /SemiTall Coconut Demonstration Farms 2021-22

H/A. 2401-00-103-87 Plan

District

Sl.no	Components	Amount	Physical		Financial		No.of Beneficiaries						
			Target	Achievement	Target	Achievement	Male			Female			
							Gen	SC/ST	Total	Gen	SC/ST	Total	
	Primary 1 Plots												
	Secondary 2 plots												
	Total												

Principal Agricultural Officer

Utilisation Certificate

Certified that an amount of Rs. (Rupees .....only) received under the Head of account 2401-00-103-87 Plan for Coconut Development scheme (Establishment of Model Dwarf/Semi tall Coconut Demonstration Farms) during the year 2021-22 has been fully utilised for the purpose for which it was allotted.

Principal Agricultural Officer

**DR. K. VASUKI IAS**  
**DIRECTOR**

Sdl-



**Additional Director of Agriculture (CP)**