

Directorate of Agriculture Development and Farmers' Welfare

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No:-ADFW/2841/2021-TH2

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CIRCULAR

Sub:-Annual Plan2021-22-Scheme on Coconut Development-Rehabilitation and rejuvenation of coconut palms in Kerala as part of coconut Mission-Coconut Council(3rd year activities)-coconut seednut procurement -additional components-AS received-Working instructions issuing of-regarding:-

Ref:- 1)GO(Rt)No.251/2019/Agri dated 8/3/2019.
2)ADFW/3118/2021-TP2 dated 23/4/2021.
3)GO(Rt)No.498/2021/Agri dated 16/6/2021.

In the budget 2020-21,an amount of Rs.7547 lakh has been provided under head of Account 2401-00-103-87 plan for the scheme "Coconut Development".Out of this an amount of Rs.2591 lakh has been earmarked for the component "Rehabilitation and rejuvenation of coconut palms in Kerala as part of coconut Mission-Coconut Council(3rd year activities)".

Vide reference 2 above ,continuous sanction has been received for implementing the activity " Coconut seednut procurement and nursery charges for a total cost of Rs.1359.10 Lakh as part of the component coconut mission - coconut council third year activities and accordingly working instructions have been issued for the implementation of seednut procurement activity and nursery charges for an amount of Rs.1359.1 lakh.

As per GO cited as reference 3 above Govt. have accorded Administrative sanction for the following additional components proposed vide reference 5 above for an amount of Rs.31.90 lakh subject to the condition that the qualification and experience of the hybridisation workers shall be clearly stated for giving honararium of Rs. 25000/-

Sl.No.	Component	Financial outlay (Rs. in lakh)
1	Raising germplasm of dwarf coconut palms in departmental farms	0.40
2	Undertaking hybridisation activities in dwarf coconut palms for hybrid seedling production	1.5
	Honararium for	

3	hybridisation workers @Rs.25000/month	29.0
4	Training for Pollination workers	1.0
	Total	31.9

The major objectives of the scheme is

- To bring 10% area under cultivation of hybrid varieties of coconut.
- To raise germplasm of promising dwarf palms in selected department farms for hybridization programme.
- To generate skilled labour for hybridization programme.
- To incorporate easier hybridization techniques which are less cumbersome in coconut hybridization.
- Production of semitall/dwarf varieties of coconut that is fit for both culinary purpose and oil extraction.

COMPONENTS

1. Raising germplasm of dwarf coconut palms in selected departmental farms

(Rs. 0.30 lakhs)

In order to ensure the availability of various promising DxT coconut hybrids in adequate numbers in future, it is proposed to raise a germplasm of different dwarf coconut varieties in **0.75ha (150 no.)** in selected department farms for utilization in hybridization programme. Dwarf coconut seedlings procured from authentic sources like the CPCRI, KAU, other State Agricultural Universities and other reliable sources will be utilized for the programme. An amount of **Rs.0.40 lakhs** is set apart for this purpose. Sign boards indicating the variety and date of planting should be exhibited in the field. The Principal Agricultural Officers should select the farms for raising the germplasm and report.

The district wise target is shown below:

Sl. No.	Name of PAO	Area to be covered (ha)	No. of dwarf seedlings to be	Amount allotted (in lakhs)
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		(ha)	planted	(lakhs)
1.	Ernakulam	0.25	50	0.10
2.	Malappuram	0.5	100	0.20
3.	Kannur	0.25	50	0.10
	Total	1.0	200	0.40

2.Undertaking hybridization in dwarf coconut palms for DXT hybrid seedling production(Rs. 1.5 lakhs)

Hybrid coconut seedlings have a crucial role in stepping up the production and productivity of the crop in the state as they are capable of breaking the yield barrier in productivity. They are both high yielding and early bearing & grow up to medium stature. It is proposed to undertake hybridization activities in **100 no.** of dwarf coconut palms identified in the state for procurement of hybrid seed nuts.

Hybridization is proposed to be carried out in hybridization centres under the Department of Agriculture, viz. Seed Development Unit Chavakkad (Thrissur), TXD Pollination Unit Chalode, (Kannur) and Seed Garden Complex Munderi (Malappuram). An amount of **Rs.1.5 lakh** is set apart for this purpose.

The officers of Seed Development units should take earnest efforts to identify dwarf motherpalms in the field for carrying out hybridization programmes.

Sl. No.	Name of PAO	No. of dwarf palms to be identified for hybridization	Amount allotted (in lakhs)
1.	Thrissur	50	0.75
2.	Malappuram	50	0.75
	TOTAL	100	1.5

3.Honararium for hybridisation workers Rs.29lakhs

In order to procure good quality hybrid seednuts,hybridisation is carried out where in pollination is done manually following prescribed scientific procedures and guidelines of KAU and CPCRI.Pollination workers with following qualification are to be selected for pollination and hybridisation

works.

1. Pollination workers should have good coconut climbing skill which should be practically proved.
2. Ability to read and write local language.
3. Age below 60 years

An amount of Rs.29 lakhs is provided for meeting the honararium of hybridisation workers and supervisory staff engaged in the seednut procurement programme. 29 workers/supervisors selected on contract basis will be trained to carryout hybridisation works for which honararium of Rs.25000/per month can be given

for a period of six months.

Sl. No.	Name of Principal Agricultural Officer	Amt(Rs in lakhs)
1	Thrissur	4
2	Malappuram	2
2	Kozhikkod	10
3	Kannur	13
	TOTAL	29

4.Training for pollination workers-Rs. 1 lakh

Hybridisation in coconut is a cumbersome process which involves climbing of coconut palms in order to carryout pollination. As part of the Departmental aided project 'Large scale production of Elite and Hybrid seedlings for coconut root wilt prevalent tract' CPCRI, Kayamkulam has developed ground pollination techniques which will make the pollination work much easier. An amount of Rs.1 lakh is set apart for imparting training to ground pollination technique and other activities in connection with the seednut procurement programme. The training should be conducted with the involvement of CPCRI, Kayamkulam. On line/off line training programmes in batches for pollination workers and supervisory staff have to be arranged before the ensuing procurement season.

One number of training should be arranged at

Chavakkad area of Thrissur district for imparting training to pollinators and supervisory staff.

Sl. No.	Name of Principal Agricultural Officer	Amt(Rs in lakhs)
1	Thrissur	1
2	Total	1

The components envisaged in this circular will aid in the rejuvenation and replanting of coconut palms in Kerala in order to revitalize the coconut industry.

The expenditure towards the implementation of scheme will be met from the amount set apart for the component "Rehabilitation and Rejuvenation of Coconut palms in Kerala as part of Coconut Mission -Coconut Council under the H/A 2401-00-103-87 plan from current year's budget provision.

Allocation of funds (Rs in Lakh) H/A 2401-00-103-87 Plan

Sl.no	Name of PAO	Raising germplasm of dwarf coconut palms in dept. farms	Undertaking hybridisation activities in dwarf palms	Honararium for hybridisation workers	Training for pollination workers	Total	AEU
1	Ernakulam	0.1				0.1	12
2	Thrissur		0.75	4.0	1.0	5.75	2
3	Malappuram	0.2	0.75	2.0		2.95	6,15
4	Kozhikkod			10		10.0	2,11,15
5	Kannur	0.1		13		13.1	2,7,11,13,15
		0.4	1.5	29.0	1.0	31.9	

(Rupees Thirty One Lakh and Ninety Thousand only)

Sd/-

DR. K. VASUKI IAS
DIRECTOR

For Director of Agriculture

To:

All Principal Agricultural Officers

Copy
to:

- 1.All Additional Directors of Agriculture
- 2.All Joint Directors in HQ
- 3.Planning section
- 4.DDA(IT) for publishing in website
- 5.SW section for updation in plan space

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Joint Director of Agriculture (Farms)
Directorate of Agriculture Development
& Farmer's Welfare Department
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