

ADFW/3939/2021-TB1

Agriculture Development and
Welfare Department, Vikas Bhavan
Thiruvananthapuram

Directorate of
Farmers'

Date:

08/06/2021

CIRCULAR

Sub: Annual Plan 2021-22 - Scheme for 'Coconut
Development, 2021-22-

'KERAGRAMAM' component- Working
instruction- issued- reg

Ref : Order No. ADFW/3118/2021-TP2 dated
23/4/2021

During the financial year 2021-22, 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 'Keragramam' for which an amount of **Rs 4856.00 lakh (Rupees Four thousand eight hundred and fifty six lakh only)** is earmarked. As per order read above, continuous administrative sanction has been accorded for the implementation of the 'Keragramam' component for an amount of Rs 4856 lakh.

Objectives:-

Major objectives of the scheme are -

- Increase the production and productivity of coconut
- Integrated pest and disease management
- Integrated nutrient management of coconut gardens
- Promotion of inter cultivation
- Promotion of intercropping
- Improvement of irrigation facilities
- Ensure availability of quality planting materials

Popularisation of climbing devices for easy harvesting
Promotion of value addition ventures in potential Panchayats

Employment generation

Programme: -

The following activities will be undertaken to increase production and productivity of coconut in the area under this scheme.

- Application of organic manure, fertilizers and adoption of cultural management practices
- Implementation of pest and disease management programme including release of biocontrol agents
- Inter-cropping /multi species cropping and mixed cropping
- Establishment of Irrigation unit (digging open wells, installation of drip unit, pumpset and accessories) including Micro Irrigation
- Establishment of Organic manure production units
- Distribution of coconut climbing devices for clusters
- Removing senile and diseased palms
- Replanting with good quality seedlings

Detailed programme and activities envisaged are as follows:

1. Integrated Management of Coconut Gardens

The major programme proposed during 2021-22 under Keragramam is Integrated Management of Coconut Gardens on a cluster basis. The programme is intended to be implemented in **84 new Keragramams** with a project area unit size of **250 ha** each during 2021-22. Thus a total area of 21000 Hectare (@175 palms/ha) will be covered in the State under this programme.

The following activities are envisaged under this programme:

a. Intercultural operations - opening of coconut basins, weeding, mulching etc.

each during 2021-22. Thus a total area of 21000 Hectare (@175 palms/ha) will be covered in the State

The coconut basins are to be kept weed free by periodical weeding. Mulching is an effective method of conserving soil moisture. Mulching coconut basins with green/dry leaves at the end of north-east monsoons will add organic matter to the soil and reduce soil temperature. Opening of coconut basins will help to conserve moisture and facilitate maximum percolation of rainwater and water conservation. It is estimated that an amount of Rs.70/- is required for opening coconut basins and application of fertilizers and manures. An amount limited to **Rs.35/- per palm** as 50% subsidy can be given as financial assistance.

b. Coconut Husk burial for Moisture Conservation in Coconut garden

For moisture retention, burying of fresh or dried husk around the palm is a desirable practice. The husks are placed in layers with concave surface facing upwards in trenches of 0.5 m width and depth taken around the palm at a distance of 2 metres away from the trunk. The benefit of moisture conservation will last for 5-7 years. It is estimated that an amount of Rs.100/- per palm is required for taking trench and burying coconut husks. An amount limited to **Rs. 50/- per palm** as 50% subsidy can be given as financial assistance.

c. Application of Soil ameliorants, Manures, Fertilizer and PP chemicals

Coconut plantations which are not properly managed are to be supplemented with soil ameliorants, organic manures and chemical fertilizers in order to revive their production and productivity.

(i) Soil Ameliorants: Soil acidity is a major problem in Kerala. Application of liming materials like lime / dolomite / gypsum / powdered lime improves the soil condition and accelerates uptake of nutrients. Liming materials can be provided at 75% subsidy

limited to **Rs.9/- per palm/Kg.**

(ii) Fertilizers: The general recommendation for coconut palms under average management is 0.34: 0.17: 0.68 kg of N P K per palm per year. 50% subsidy limited to **Rs.20/- per palm** can be given as assistance.

(iii) Magnesium Sulphate: In areas where yellowing of coconut is predominant, application of Magnesium sulphate is inevitable at the recommended dose of 0.5 kg / palm/year. For this 50% of the total cost limited to **Rs.3.75/- per palm** can be given as subsidy.

(iv) Organic Manure: 50 % of the cost of organic manures/farm yard manure /compost limited to **Rs. 25/- per palm** per year can be given as assistance.

(v) PP Chemicals: For undertaking PP operations including prophylactic spraying, 50 % subsidy limited to **Rs.10/-per palm** can be provided as assistance.

d. Application of Biofertilizers/ Bio-pesticides and Bio-control agents

To limit the exorbitant use of chemical fertilizers and plant protection chemicals, use of bio-fertilizers / bio-pesticides and bio-control agents are given thrust considering environment friendliness and health aspect of the society. 50% subsidy limited to **Rs.25/- per palm** can be given for promoting the use of Bio fertilizer, Bio pesticide and Bio control agents.

Assistance will be provided for the release of bio control agents and labour charge for climbing palms @ 50% subsidy of the total cost limited to **Rs.50/-per palm**. For the purpose of PPC operations and application of Biofertilisers/ Bio-pesticides and Bio-control agents, it has to be ensured that all hot spot areas are completely covered irrespective of the small

and marginal farmer category, for successful eradication of the source of infestation. The large farmer category restriction is waived for this purpose only.

e. Cut and removal of disease affected, old and senile unproductive palms

An amount of **Rs.1000/palm** limited to **Rs. 10000/ha** can be given as assistance for cut and removal of disease affected, old and senile unproductive palms @ **10 palms per ha**. 250 ha project area should be considered as a cluster and individual area ceiling need not be insisted for removing the disease affected, old and senile palms. However the total limit for the cluster as a whole should not be exceeded for financial assistance.

f. Replanting with good quality coconut seedlings

The cut and removal of diseased, old and senile palms will be followed up immediately by a systematic replanting programme. The disease affected palms cut will be replanted with disease tolerant seedlings to standardize the density of population at 175 palms/ha. 50% subsidy limited to **Rs 60 per seedling** can be given as assistance @ **7 seedlings per ha**. A cluster approach may be followed for this component also without exceeding the total financial limit for Keragramams for this activity.

g. Intercropping in coconut gardens

To ensure optimum resource utilization including better land utilization, harvesting of solar energy, efficient water use, better utilization of soil nutrient resource and for more returns, inter cropping with suitable crops like banana, tuber crops, ginger, turmeric etc can be taken up in coconut gardens. An assistance of 50% subsidy of the total cost of cultivation limited to **Rs. 6000/- per ha** will be given.

Labour component for intercultural operations, application of inputs and plant protection activities

can be met from MNREGS by placing appropriate proposals to the Local Self Government. Services of Karshika Karma Sena and Agro Service Centres also can be utilized for this purpose.

Subsidy to the components (a) to (g) is limited to Rs.15200/-per ha under the state plan share, for covering an area of 21000 ha @ 250 ha/ Keragramam. An amount of Rs. 3192.00 lakh is set apart for the above 7 sub components (a to g) under Integrated Management of Coconut Gardens under the state plan share, for 84 nos of Keragramams @ Rs 38.00 lakh per Keragramam.

However the assistance under the **integrated management component can be extended upto Rs 25000/- per ha by integrating the resources from the Janakeeyasoothranam funds of the respective local bodies, to undertake more components from the enlisted activities following the stipulated subsidy norms limiting to Rs 9800/- per hectare.**

2. Installation of Irrigation components including micro irrigation

Irrigation is a major contributing factor in increasing the production and productivity of coconut gardens. Studies have proved that upto 20% yield increase can be attained through irrigation. It is proposed to bring a minimum additional area of 20 ha. in each Keragramam under irrigation. For this, assistance shall be provided for digging new wells/ponds and installing pumpsets and for installation of pumpset alone if there is an existing water source. Assistance will be provided at 50% subsidy limited to a maximum of **Rs.10000/- per unit** of well or pumpset with accessories for small and

marginal farmers with a minimum area of 0.12 ha (30 cents).

Drip/Sprinkler irrigation units can be installed availing assistance from this scheme or can be linked with any other microirrigation schemes. The maximum assistance for irrigation component is limited to Rs.25000/- per ha. An amount of **Rs. 420.00 lakh** is set apart for this component @ **Rs 5.0 lakh** per Keragramam, for covering an additional area of 1680 ha, in 84 Keragramams. More area, if necessary, can be brought under the irrigation component utilizing the savings from items 1 to 4.

The irrigation component can also be integrated with the CSS scheme PMKSY. **Low cost eco-friendly water harvesting structures** including those models developed by KAU can be constructed in the cluster area, utilizing the fund provisions available, however the subsidy limit per unit should not be exceeded. Additional assistance, if eligible as per approved cost norms, can be extended from appropriate State/Central schemes. Size of the pond in the cluster area can be determined based on the water requirement.

The valuation can be done either by the concerned Assistant Executive Engineer(Agri), LSGD Engineer or by the concerned Agricultural Officer, who himself is also a competent authority.

3. Coconut Climbing Equipments for Clusters

For popularizing mechanization in coconut harvesting, imparting training to overcome the shortage of skilled labourers in the field of coconut harvesting, spraying operations, supply of coconut climbing devices at subsidized rate is another objective of the project. 5124 nos of climbing devices @ 61 devices per Keragramam are to be distributed to small and marginal farmers in the selected Panchayats through Krishi Bhavans. The equipments

are to be purchased from KAICO/RAIDCO. Permissible subsidy is **Rs.2000/-per unit**. An amount of **Rs. 102.48 lakh @ Rs 1.22 lakh** per Keragramam is set apart for this component. More climbing devices can be distributed, if necessary, utilising the savings from items 1 to 4.

4. Establishing Organic Manure Production units

Organic farming is an emerging area in the country and the export potential of organic products is increasing across the world. In lieu with the demand for organic products, organic manure production also has to be enhanced. To promote the production of organic manure by vermi-composting or coir pith composting, and to make use of the unused organic waste as a part of in situ waste management, financial assistance to the tune of **Rs. 10,000/- per unit** will be given to the beneficiary for establishing compost unit of 7.2 x 1.2 x 0.6 metre size and for meeting material cost of inputs aiding in composting. It is proposed to establish 672 nos. of such organic manure production units in 84 Keragramams @ 8 per Keragramam. Assistance can be proportionately given to units of smaller size also. An amount of **Rs. 67.20 lakh @ Rs. 0.8 lakh** per Keragramam is set apart for this component.

The components 1 to 4 above are interchangeable as per local requirements without exceeding the total financial limit and rate of assistance subject to the approval of the technical resource group.

5. Operational support to Krishi Bhavans

During the current financial year, the programme will be implemented in an area of 21000 ha. in selected 84 Grama panchayats @ 250 ha/ Keragramam. Expenditure for the conduct of cluster formation, cluster trainings, trainings, meetings, DTP outsourcing and other unforeseen related expenses

The components 1 to 4 are interchangeable as per local requirements without exceeding the total financial limit and rate of assistance subject to the approval of the technical resource group.

can be met from the funds under this sub-component, for which an amount of **Rs 12.6 lakh @ Rs.15,000/- per Krishi Bhavan/Keragramam** is earmarked.

6 Assistance for panchayat level Kera samithies/societies :

(a) An amount of Rs.420.00 lakh is earmarked to provide assistance to 84 nos of Kera samithies/societies formed in each Keragramams @ Rs.5.0 lakh per Kera samithi/ society for their establishment and to organise activities on a group approach for the cultural operations, application of manures and fertilisers, plant protection and other unforeseen expenses. *Action plan projects for the group activities should be prepared by the concerned Agricultural Officers and implemented with the approval of Block level Assistant Director of Agriculture. The expenditure for registration of new samithies, campaigns, trainings, meetings, survey and other office related expenditure can also be met from this component. However, purchase of computer and accessories, office furniture, etc. should not be met from this component. The amount can also be utilised for undertaking activities related to coconut husk procurement and working capital to establish a coir processing unit in the cluster at the rate of Rs.2.0 lakh per Kera samithi /Society. The assistance can be extended to a group /society or a SHG willing to undertake this activity. This activity can be linked with the schemes of the Coir Development Department and can avail the activities on a group approach mentioned as per 6(a) or as a working capital for value addition and agro-processing units mentioned in 6(b) below.*

(b)Value addition and Agro processing:

Value addition and Agro processing are regarded as sunrise sector of Kerala economy in view of its large potential for economic growth. Consequent on the declaration of 1193 Chingam 1 to 1194 Chingam

1 as Coconut Year, Government of Kerala have announced to support value addition projects giving thrust to coconut. Small Farmers Agri Business Consortium (SFAC) has been identified as the implementing agency of the scheme. To take up common activities like value addition, agro processing units (Virgin coconut oil, coconut milk cream, coconut palm jaggery, shell charcoal, shell powder, vinegar, handy crafts, etc) and its marketing, an amount of Rs.2100.00 lakh @ Rs 25.00 lakh per Keragramam will be provided as project based back ended subsidy by SFAC subject to the conditions and guidelines laid down by SFAC. Viable projects by clusters, SHGs, NGOs, Partnership firms, FPOs and individual entrepreneurs availing loan from any nationalised/scheduled/ Co-operative/ Regional Rural Banks/other non banking financial institutions will be considered under this scheme.

Stake holders of the project:

- Stake holders of the project proposed are
- a. Department of Agriculture
 - b. Local Self Governments
 - c. Coir Development Department
 - d. Agricultural Research Institutions
 - e. State Horticulture Mission
 - f. Small Farmers Agri Business Consortium
 - g. MGNREGS work force
 - h. Agro Service Centres / Karshika Karmā Senas

ABSTRACT OF THE PROJECT - TABLE I

COCONUT DEVELOPMENT SCHEME 2021-22			
KERAGRAMAM 1 st year new (H/ac 2401-00-103-87 PLAN)			
Sl. No	COMPONENTS and rate of assistance	PHYSICAL	FINANCIAL (Rs. in lakh)

Small Farmers Agri Business Consortium
 141/1503/2021/1000
 2. Agro Service Centres / Karshika Karmā Senas

	one Kera gramam	Total	one Kera gramam	Total
No. of Keragramams	1 no	84 nos	50.17	4214.28 limited to 4212.10
Area / Keragramam	250 ha	21000 ha	99.67	
Palms / keragramam @ 175 palm /ha	43750 palms	36.75 lakh palms		
Integrated management of 1. Coconut gardens				
a) Intercultural Operations- opening of coconut basins, weeding, mulching etc (50% subsidy @ Rs 35/palm)			15.3125	1286.25
b) Coconut husk burial for moisture conservation (50% subsidy @ Rs 50/palm)			21.875	1837.5
c) Application of Soil ameliorants, manures, fertilizer and PPC				
1) Soil ameliorants (Lime/ Dolomite) (75% subsidy @ Rs 9/palm)			3.9375	330.75
2) Fertilizers (50% subsidy @ Rs 20/palm)			8.75	735
3) Magnesium sulphate (50% subsidy @ Rs 3.75/palm)			1.64	137.76
4) Organic manure (50% subsidy @ Rs 25/palm)			10.9375	918.75
5) PPC operation (50% subsidy @ Rs 10/palm)			4.375	367.5
d) Appln of Bio-fertilizers / Bio-pesticides & Bio- control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as labour charges)			32.8125	2756.25
Cut & removal of disease				

e)	affected,old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha)			25.00	2100
f)	Replanting with good quality seedlings (50% subsidy limited to Rs 60/ seedling for 7 palms /ha)			1.05	88.2
g)	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha)			15.00	1260
	Total			140.69	11817.96
	SUBTOTAL (A) Limited to Rs 25000/ha ie Rs 62.5 lakh /Keragramam (Rs. 38 lakh from state annual plan (@ Rs 15200/ha) and Rs. 24.5 lakh as LSGD share under Janakeeyasoothranam)			State Plan Share 38.00	3192
				LSGD Share 24.50	2058
				Total 62.50	5250
2.	Installation of irrigation Components including micro irrigation (50% subsidy limited to Rs 25000/ha) @ 20 ha/ keragramam	20 ha	1680 ha	5.00	420
3.	Coconut climbing equipment for clusters (subsidy @ Rs 2000/unit) @ 61 units / Keragramam	61 no.s	5124 no.s	1.22	102.48
4.	Est: of Organic manure production units (subsidy @ Rs 10000/unit) @ 8 nits / Keragramam	8 no.s	672 units	0.80	67.2
5.	Operational support @ Rs 1:5000/ KB/KG			0.15	12.6
	Assistance for panchayat level samithies/ societies @ Rs.5.00lakh per unit (including assistance for coconut husk procurement and				

6(a)	mini coir processing units)	1no	84 nos	5.0	420
(b)	Assistance for coconut based value added enterprises(Assistance from SFAC)- project based support	1 no	84 no.s	25.00	2100
SUB TOTAL 2 to 6				37.17	3122.28
				State Plan Share	12.17
				SFAC Share	25.00
				Total	37.17
GRAND TOTAL (A+B)				99.67 (62.50+ 37.17)	8372.28
State plan share				50.17 (38+12.17)	4214.28
SFAC share				25.00	2100.00
LSGD share				24.50	2058.00
Grand total					8372.28

(State plan share is limited to Rs.4212.1 lakh)

Project Area :

The programme will be implemented in newly selected **84 Keragramams**, each having not less than **250 ha** area under coconut. As far as possible, panchayats having more than 250 ha under coconut may be selected. If 250 ha coconut area is not available in a Panchayat, adjacent one or more panchayats may also be considered and grouped for keragramam during 2021-22.

Criteria to be followed for the selection of Grama Panchayats are

- Panchayat having maximum area under Coconut should be given preference.
- Panchayats that undergo all activities for enhancing production and productivity for the crop improvement, value addition and marketing should be given priority
- Local Self Governments ensuring all support in taking

- up additional schemes / components approved in their plan schemes to fill up the gaps for the successful implementation during the year and willing to continue the similar activities in the subsequent years shall be given preference. MLA fund can also be utilised.
- Preference should be given for areas with high incidence of pests and diseases/senile palms.

**SECOND YEAR ASSISTANCE FOR
'KERAGRAMAMS'**

From 2019-20 onwards, a financial assistance @ **Rs 20.0085 lakh** is provided as second year assistance for each Keragramams established during previous year. As such, 15 nps of Keragramams newly established during 2020-21 are eligible for 2nd year assistance during 2021-22. A total amount of **Rs 300.15 lakh** is earmarked for this purpose. The assistance will be provided for the following components:

ABSTRACT OF THE PROJECT - TABLE II

Sl.No	Components	Rate of assistance proposed / Keragramam (Rs in lakh)	No.of Keragramams	Total amount (Rs in lakh)
1	Integrated management of coconut gardens	19.75	15	296.25
2	Assistance to Panchayat level Kerasamithy	0.20	15	3.00
3	Operational support to Krishibhavan / Keragramam	0.05850 (Rs 5850/-)	15	0.8775
	Total	20.0085		300.1275

		rounded of to 20.01	rounded of to 300.15
--	--	--------------------------------	-------------------------------------

The sub components, subsidy norms and the rate of assistance enlisted in Table I under **Integrated management component** will be applicable for second year assistance also.

An amount of **Rs. 3.00 lakh** is set apart to provide **second year assistance to 15 no.s of kera samithies / societies** formed during 2020-21@ **Rs 0.20 lakh per kera samithy / society** for organising second year activities on a group approach for cultural operations, application of manures and fertilizers, plant protection activities on a campaign basis and other unforeseen expenses. Action plan/projects for the group activities should be prepared by the concerned Agricultural Officers and implemented with the approval of the Block level Assistant Directors of Agriculture. The expenditure for renewal of the registered samithies, campaigns, trainings, meetings, and other related expenditure can also be met from this component. However purchase of computer and accessories, office furniture, appointing DTP operator, etc should not be met from this component.

An amount of **Rs 0.8775 lakh @ Rs.5850/- per Keragramam** is earmarked as **Operational support to 15 Krishi Bhavans**. Expenditure for the conduct of cluster activities, trainings, meetings, DTP outsourcing and other unforeseen related expenses can be met from the funds under this sub-component.

THIRD YEAR ASSISTANCE FOR KERAGRAMAMS

From 2020-21 onwards, financial assistance is provided @ Rs. 6.25 lakh as III year assistance for Keragramams established during 2018-19. As such, 55

nos of Keragramams established during 2019-20 are eligible for III year assistance during 2021-22. The existing rate of assistance is @Rs.8.75 lakh/Keragramam for the sub component 'Application of Fertilisers' under the component 'Integrated Management of Coconut Gardens' (Rs. 20 per palm for 43750 palms in one Keragramam) limited to Rs.6.25 lakh/Keragramam. Assistance is provided for organic/inorganic fertilizers application according to the local needs. The total funds earmarked as III year assistance amounts to Rs.343.75 lakh. The assistance is provided for the following activity:

ABSTRACT OF PROJECT - TABLE III

Sl. No.	Component for which assistance recommended	Rate of assistance (Rs. In lakh)	No. of Keragramams established during 2019-20	Total Amount required (Rs.in lakh)
1.	Application of organic/inorganic fertilisers under the component 'Integrated Management of Coconut gardens'	6.25/keragramam	55	343.75
	Total		55	343.75

Mode of implementation:-

The following guidelines will be followed for the implementation of integrated farming in coconut holdings for productivity improvement:

- A compact area approach with an extent of **250 ha** shall be selected for the implementation of the scheme. All small and marginal farmers coming under the selected project area should be included as beneficiaries of the programme based on the suitability of the coconut gardens, irrespective of

their land holding size to the maximum possible extent.

- Cluster formed at panchayat level should have a technical resource group for monitoring the implementation of the different components of the programme with Panchayat President as the Chairperson and Agricultural Officer as the Convener. The resource group will be constituted with field level functionaries of the Department of Agriculture, representatives of Kerala Agricultural University, CDB and scientists from Research Stations and DDA (YP) as members.
- The President, Vice President, Development Standing Committee Chairman of the LSGD and Agricultural Officer will be the ex-officio members of the Panchayat level Kerasamithi/Society.
- A visit schedule of Agricultural Assistants should be prepared to ensure regular and systematic field visit to the cluster areas in a month.
- Assistance of Multi Disciplinary Diagnostic Team can be availed of, if situation warrants, in consultation with the Principal Agricultural Officer.
- The Panchayat level Technical Resource Group should prepare and finalise a plan of action for taking up the intercultural, manurial application and plant protection activities on a group approach. Accordingly, arrangement of required inputs should be made and an operational chart should be prepared so as to ensure the timely availability and utilization of MGNREGS workforce and skilled labourers of Agro Service Centres / Karshika Karma Senas.
- Assistance on a pro rata basis, as per holding size, will be utilized for the group activity through the clusters and remaining eligible assistance will be

released to the farmers concerned through e-payment.

- The beneficiaries of the scheme should be enrolled in the state crop insurance scheme.
- Store purchase rules shall be strictly adhered to for all kinds of purchases. Tender/e-tender and other stipulated formalities shall be followed where ever applicable.

• **In the context of COVID -19 pandemic in the state**, the following guidelines are issued for implementation of the scheme during 2021-22.

1. Ward level kera samithies/panchayat level kera samithy may be convened wherever possible by following COVID 19 protocol or through video conferencing.
2. If public meeting is not possible due to COVID 19 restrictions, the scheme shall be implemented with the approval of panchayat level Agricultural Development Committee in a time bound manner during this cropping season itself
3. In order to compensate for the crop loss due to natural calamities, all farmers are advised to insure their crops as per the State Crop insurance scheme. Since persuading all farmers is a cumbersome process for which considerable time loss occurs and due to prevailing COVID 19 situations, this can be relaxed with the approval of ADC for the speedy implementation of the project.
4. Farmers are eligible for assistance during three years under Keragramam. If sufficient beneficiaries are not available for second year and third year assistance under Keragramam, a new beneficiary may be selected by Agricultural Officers after ensuring that such farmers have followed scientific management practices during previous years. Also if sufficient area is not available in the selected gramapanchayat/LSGD, adjacent LSGDs shall be considered for the purpose of the scheme. If the area is not available in the selected gramapanchayat/LSGD, adjacent LSGDs shall be considered for the purpose of the scheme. If the area is not available in the selected gramapanchayat/LSGD, adjacent LSGDs shall be considered for the purpose of the scheme.

considered with the approval of Principal Agricultural Officer.

- 5. The Agricultural Officers shall ensure that farmers have applied all recommended inputs and conducted all cultural operations as envisaged in the scheme. However, Agricultural Officers are not required to purchase the inputs and distribute them to farmers. They are required to advise and monitor the implementation of the scheme in a scientific and time bound manner

Monitoring and Reporting:-

The Agricultural Officer of Krishi Bhavans 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. Principal Agricultural Officer will supervise the scheme implementation at district level. Additional Director of Agriculture (CP) will monitor the scheme at State level.

The ADAs should submit a consolidated block wise report to the DDA (YP) who in turn will submit a detailed report in **Annexure-1 (first year assistance), Annexure-2 (second year assistance), Annexure-3 (Third year assistance)** to the **Additional Director of Agriculture (CP)** by 5th of every month. (Reporting and official correspondence in respect of this scheme may be made in the email id **adatbagridir@gmail.com**).

The Principal Agricultural Officers shall furnish a detailed completion report including the no. of beneficiaries (male, female, SC/ST, general) and utilization certificate in proper format (**Annexure 4,5 &6**) immediately on completion of the project.

District wise physical and financial target for first year assistance is appended as **Annexure 7 A**,

second year as **Annexure 7 B** and Third year as **Annexure 7 C**

During the financial year 2021-22, an amount of Rs 7547.00 lakh is provided under the head of account **2401-00-103-87 Plan** "Coconut Development Scheme", out of which **Rs 4856.00 lakh** is earmarked for implementing Keragramam scheme. In addition to the above, funds from LSGD and SFAC may also be mobilised for implementing the project components, for which the field level officers have to see that projects are timely prepared and submitted to the concerned authorities and sanction obtained.

ABSTRACT OF TABLE I, II&III

Sl. No.	Item	No. of Keragramams	Total amount (Rs in lakh)
1	Assistance for I year (OC)	84	4212.10
2	Assistance for II year (OC)	15	300.15
3	Assistance for III year (OC)	55	343.75
	Total	154	4856

DR. K. VASUKI IAS sal-

DIRECTOR

To

All Principal Agricultural Officers for information and n/a Additional Director of Agriculture (CP)

Copy to

TA to Director of Agriculture
CAS to all Additional Directors of Agriculture and SAE
CAS to all Joint Directors of Agriculture (in the Directorate)

Principal Information Officer, FIB,
Thiruvananthapuram
Planning Section, Directorate of Agriculture
Finance section

IT Cell for publishing in the website.
The Managing Director, SFAC (with CL) for
information and n/a
The Director, Coir Development Department
(with CL) for information and n/a

File No.ADFW/3939/2021-TB1

IT Cell for publishing in the website.
The Managing Director, SFAC (with CL) for
information and n/a
The Director, Coir Development Department
(with CL) for information and n/a

File No.ADFW/3939/2021-TB1

Annexure-1

PROGRESS REPORT OF THE SCHEME FOR COCONUT DEVELOPMENT-KERAGRAMAM 2021-22 (FIRST YEAR ASSISTANCE)

2401-00-103-87 PLAN

DISTRICT -

Sl:No	COMPONENTS	Amount allotted (lakhs)	PHYSICAL		FINANCIAL (Lakhs)		Remarks
			TARGET	ACHIEVEMENT	TARGET	ACHIEVEMENT	
	No.of Keragramams						
	Total Area						
1	Integrated management of Coconut gardens						
a)	Intercultural Operations- opening of coconut basins, weeding, mulching etc (50% subsidy @ Rs 35/palm)						
b)	Coconut husk burial for moisture conservation (50% subsidy @ Rs 50/palm)						
c)	Application of Soil ameliorants, manures, fertilizer and PPC						
	1) Soil ameliorants (Lime/ Dolomite/Gypsum) (75% subsidy @ Rs 9/palm/kg)						
	2) Fertilizers (50% subsidy @ Rs 20/palm)						
	3) Magnesium sulphate (50% subsidy @ Rs 3.75/palm)						
	4) Organic manure (50% subsidy @ Rs 25/palm)						

d)	Appln of Bio-fertilizers / Bio-pesticides & Bio-control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as labour charges)						
e)	Cut & removal of disease affected, old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha)						
f)	Replanting with good quality seedlings (50 % subsidy limited to Rs 60/ seedling for 7 palms/ha)						
g)	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha)						
	(A) State annual plan share (@Rs:15200/ha)						
	(B) LSGD share (@ Rs 9800 /ha)						
	Sub total (A+B) @ Rs 25000/ha						
2	Installation of irrigation Components including micro irrigation (50% subsidy limited to Rs 25000/ha) @ 20 ha / KG						
3	Coconut climbing equipment for clusters (subsidy @ Rs 2000/unit) @ 61 units / KG						
4	Est. of Organic manure production units (subsidy @ Rs 10000/unit) @ 8 units / KG						
5	Operational support @ Rs 15000/ KB/KG						
6	Assistance for coconut based value added enterprises (Assistance from SFAC)-project based support upto 25 lakh per unit						
	Sub total (2 to 6)						
	TOTAL						
	GRAND TOTAL						

Principal Agricultural Officer

Annexure-2

PROGRESS REPORT OF THE SCHEME FOR COCONUT DEVELOPMENT-KERAGRAMAM 2021-22 (SECOND YEAR ASSISTANCE)

2401-00-103-87 PLAN

DISTRICT -

Sl:No	COMPONENTS	Amount allotted (lakhs)	PHYSICAL		FINANCIAL (Lakhs)		Remarks
			TARGET	ACHIEVEMENT	TARGET	ACHIEVEMENT	
	No.of Keragramams						
	Total Area						
1	Integrated management of Coconut gardens						
a)	Intercultural Operations- opening of coconut basins, weeding, mulching etc (50% subsidy @ Rs 35/palm)						
b)	Coconut husk burial for moisture conservation (50% subsidy @ Rs 50/palm)						
c)	Application of Soil ameliorants, manures, fertilizer and PPC						
	1) Soil ameliorants (Lime/ Dolomite/Gypsum) (75% subsidy @ Rs 9/palm/kg)						
	2) Fertilizers (50% subsidy @ Rs 20/palm)						
	3) Magnesium sulphate (50% subsidy @ Rs 3.75/palm)						

	4) Organic manure (50% subsidy @ Rs 25/palm)						
	5) PPC operation (50% subsidy @ Rs 10/palm)						
d)	Appln of Bio-fertilizers / Bio-pesticides & Bio-control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as labour charges)						
e)	Cut & removal of disease affected, old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha)						
	Replanting with good quality seedlings (50 % subsidy limited to Rs 60/ seedling for 7 palms/ha)						
g)	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha)						
	(A) State annual plan share (@Rs 7900/ha)						
	(B) LSGD share						
	Sub total (A+B) @ Rs 25000/ha						
2	Operational support @ Rs 0.05850 lakh/ KB/KG						
3	Assistance for panchayat level Kerasamithies @ Rs 0.20 lakh / KG						
	Sub total (II to III)						
	TOTAL						
	GRAND TOTAL						

Principal Agricultural Officer

Annexure-III

Annexure-3

**PROGRESS REPORT OF THE SCHEME FOR COCONUT DEVELOPMENT-"KERAGRAMAM
2021-22**

(THIRD YEAR ASSISTANCE)

2401-00-103-87 PLAN

DISTRICT -

Sl:No	COMPONENTS	Amount allotted (lakhs)	PHYSICAL		FINANCIAL (Lakhs)		Remarks
			TARGET	ACHIEVE MENT	TARGET	ACHIEVE MENT	
	No.of Keragramams						
	Total Area						
1	Integrated management of Coconut gardens						
	a) Assistance for fertilizer application						
	TOTAL						

Principal Agricultural Officer

	(A) State annual plan share (@Rs 15200/ha)																		
	(B) LSGD share (@ Rs 9800 /ha)																		
	Sub total (A+B) @ Rs 25000/ha																		
II.	Irrigation (50% subsidy limited to Rs 25000/ha) @ 20 ha / KG																		
III.	Coconut climbing equipment for clusters (subsidy @ Rs 2000/unit) @ 61 units / KG																		
IV.	Est: of Organic manure production units (subsidy @ Rs 10000/unit) @ 8 units / KG																		
V.	Operational support @ Rs 15000/ KB/KG																		
VI.	(Assistance from SFAC)-project based support upto 25 lakh per unit																		
	Sub total (II to VI)																		
	TOTAL																		
	Plan Share (A+II+III+IV+V+ VI)																		
	LSGD Share(B)																		
	SFAC Share(VI)																		
	GRAND TOTAL																		

Sd/-

PAO,..... district

UTILIZATION CERTIFICATE

Certified that an amount of Rs---(Rupees...only) received under the head of account 2401-00-103-87 Plan for Coconut Development Scheme (Keragramam) during the year 2021-22 has been fully utilized for the purpose for which it was allotted.

Sd/-

PAO,district

	5) PPC operation (50% subsidy @ Rs 10/palm)																		
	Appln of Bio-fertilizers / Bio-pesticides & Bio-control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as labour charges)																		
d)	Cut & removal of disease affected, old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha)																		
e)																			
f)	Replanting with good quality seedlings (50 % subsidy limited to Rs. 60/ seedling for 7 palms/ha)																		
g)	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha)																		
	(A) State annual plan share (@Rs 0.079/ha)																		
	(B) LSGD share																		
	Sub total (A+B)																		
II.	Operational support @ Rs 0.05850 lakh/ KB/KG																		
III.	Assistance for panchayat level Kerasamithies @ Rs 0.20 lakh / KG																		
	Sub total (II to III)																		
	TOTAL																		
	GRAND TOTAL																		

Sd/-

PAO, district

UTILIZATION CERTIFICATE

Certified that an amount of Rs---(Rupees...only) received under the head of account 2401-00-103-87 Plan for Coconut Development Scheme (Keragramam) during the year 2021-22 has been fully utilized for the purpose for which it was allotted.

Sd/-

PAO,district

Annexure-6

**COMPLETION REPORT OF THE SCHEME FOR COCONUT
DEVELOPMENT - KERAGRAMAM 2021-22 (Third year assistance)
2401-00-103-87 PLAN**

DISTRICT -

Sl.No	COMPONENTS	Amount allotted (lakhs)	PHYSICAL		FINANCIAL (Lakhs)		No. of beneficiaries					
			TARGET	ACHIEVEMENT	TARGET	ACHIEVEMENT	Male			Female		
							Gen	SC/ST	Total	Gen	SC/ST	Total
	No. of Keragramams											
	Total Area											
	Integrated management of Coconut gardens											
	Assistance for fertilizer application											
	TOTAL											

Sd/-
PAO,..... district

UTILIZATION CERTIFICATE

Certified that an amount of Rs---(Rupees...only) received under the head of account 2401-00-103-87 Plan for Coconut Development Scheme (Keragramam) during the year 2021-22 has been fully utilized for the purpose for which it was allotted.

Sd/-
PAO,district

Annexure-7-a

Keragramam I year 2021-22 district wise physical and Financial target allotted H/A 2401-00-103-87 Plan (OC)

Rs in Lakhs

Sl. No.	Name of Components	Unit	District															
			TVM		KLM		PTA		ALP		KTM		IDK		TSR		PKD	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
	No. of Keragramams allotted	Nos.	4	201	2	100.34	1	50.17	4	200.68	1	50.17	1	50.2	4	201	3	151
1	Integrated management of coconut gardens @ Rs.16000/ per Ha.(250 Ha per keragramam)	Ha.	1000	160	500	80	250	40	1000	160	250	40	250	40	1000	160	750	120
2	Assistance for irrigation units @ Rs.25000/-per Ha (20 Ha per Keragramam)	Ha.	80	20	40	10	20	5	80	20	20	5	20	5	80	20	60	15
3	Assistance for Climbing device@ Rs.2000 per machine(61 nos per keragramam)	Nos.	244	4.88	122	2.44	61	1.22	244	4.88	61	1.22	61	1.22	244	4.88	183	3.66
4	Assistance for Organic Manure Units @ Rs. 10000/- (8 units per Keragramam)	Nos.	32	3.2	16	1.6	8	0.8	32	3.2	8	0.8	8	0.8	32	3.2	24	2.4
6	Operational support to Keragramam(Rs.15,000/ per keragramam)	Nos.	4	0.6	2	0.3	1	0.15	4	0.6	1	0.15	1	0.15	4	0.6	3	0.45
7	Assistance to Panchayath level Kera Samithies(Rs.3 lakhs per keragramam)	Nos.	4	12	2	6	1	3	4	12	1	3	1	3	4	12	3	9
	TOTAL AMOUNT TO BE ALLOTTED			201		100.34		50.17		200.68		50.17		50.2		201		151

Keragramam 2021-22 district wise physical and financial target allotted H/A 2401-00-103-87

Plan (OC)

Rs in Lakhs

Sl. No.	Name of Components	Unit	District													
			MPM		KZD		WND		KNR		KSKD		Grand Total			
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
7	No. of Keragramams allotted	Nos.	7	351.19	5	250.9	0	0.00	3	150.51	1	50.17	36	1806.12		
	Integrated management of coconut gardens @ Rs.16000/ per Ha.(250 Ha per keragramam)	Ha	1750	280	1250	200	0	0	750	120	250	40	9000	1440.00		
1	Assistance for irrigation units @ Rs.25000/-per Ha (20 Ha per Keragramam)	Ha	140	35	100	25	0	0	60	15	20	5	720	180.00		
2	Assistance for Climbing device@ Rs.2000 per machine(61 nos per keragramam)	Nos.	427	8.54	305	6.1	0	0	183	3.66	61	1.22	2196	43.92		
3	Assistance for Organic Manure Units @ Rs. 10000/- (8 units per Keragramam)	Nos.	56	5.6	40	4	0	0	24	2.4	8	0.8	288	28.80		
4	Operational support to Keragramam(Rs.15,000/ per keragramam)	Nos.	7	1.05	5	0.75	0	0	3	0.45	1	0.15	36	5.40		
6	Assistance to Panchayath level Kera Samithies(Rs.3 lakhs per	Nos.	7	21	5	15	0	0	3	9	1	3	36	108.00		
7	TOTAL AMOUNT TO BE ALLOTTED			351.19		250.9		0.00		150.51		50.17		1806.12		


Sd/-

Additional Director of Agriculture (CP)

For Director of Agriculture

Keragramam 2021-22 (second year assistance) district wise physical and Financial target allotted H/A 2401-00-103-87 Plan (OC)
Rs in Lakhs

Sl. No.	Name of Components	Unit	District																Grand Total	
			TVM		ALP		EKM		TSR		PKD		MPM		KKD		KSD		Phy	Fin
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
1	Integrated management of coconut gardens @ Rs.7900/ per Ha.(250 Ha per keragramam) Rs 19.75 lakhs per Keragramam	Ha	250	19.75	250	19.75	250	19.75	1250	98.75	250	19.75	250	19.75	1000	79	250	19.75	3750	296.25
2	Operational support to Keragramam(Rs.585 07 per Kera gramam)	Nos	1	0.059	1	0.059	1	0.059	5	0.293	1	0.059	1	0.059	4	0.234	1	0.059	15	0.8775
3	Assistance to Panchayath level Kera Samithies(Rs.20,000 per keragramam)	Nos	1	0.2	1	0.2	1	0.2	5	1	1	0.2	1	0.2	4	0.8	1	0.2	15	3
TOTAL AMOUNT TO BE ALLOTTED				20.01		20.01		20.01		100		20.01		20.01		80.03		20		300.13


Additional Director of Agriculture (CP)
For Director of Agriculture

Additional Director of Agriculture (CP)

Annexure-VII C

Annexure -7-c

Keragramam 2021-22 (Third year assistance) district wise physical and Financial target allotted H/A 2401-00-103-87 Plan (OC)

Rs in Lakhs

Rs in Lakhs

Sl. No.	Name of Components	Unit	District															
			TVM		KLM		PTA		ALP		KTM		EKM		TSR		PKD	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
	No. of Keragramams allotted	Nos	4	25	6	37.50	0	0.00	2	12.50	1	6.25	2	12.50	8	50	5	31.3
1	Application of organic/inorganic fertilisers under thw component 'Integrated management of coconut gardens@6.25 lakh /keragramam	Ha	1000	25	1500	37.5	0	0	500	12.5	250	6.25	500	12.5	2000	50	1250	31.3



Additional Director of Agriculture (OP)

Annexure-VII C

district wise physical and financial target allotted H/A 2401-00-103-87 Plan (OC)

Rs in Lakhs

Rs in Lakhs

District

Sl. No.	Name of Components	Unit	District												Grand Total	
			MPM		KZD		WND		KNR		KSKD		Phy	Fin		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin				
	No. of Keragramams allotted	Nos.	13	81.25	10	62.5	1	6.25	3	18.75	0	0	55	343.75		
Ha 625	Application of organic/inorganic fertilisers under the component 'Integrated management of coconut gardens@6.25/keragramam	Ha	3250	81.25	2500	62.5	250	6.25	750	18.75	0	0	13750	343.75		

Sd/-
 Additional Director of Agriculture
 (CP)
 For Director of Agriculture