

CIRCULAR

Sub: Annual Plan 2019-20 - Scheme for 'Coconut development-2019-20
'KERA GRAMAM' component- working instruction issued- reg

Ref: 1. G.O.(Rt) No.137/2019/AGRI dated, Thiruvananthapuram, 09-02-2019

2. G.O.(Rt) No.251/2019/AGRI dated, Thiruvananthapuram, 08-03-2019

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During the current financial year there is a budget provision of **Rs 6900.00 lakhs** under Head of Account **2401-00-103-87 Plan** for implementation of the scheme Coconut Development. Government, as per orders 1st read above has accorded sanction to include Coconut Development in the Green Book 2019-20. One of the components of the sheme is 'Keragramam' for which an amount of **Rs 4300.00 lakhs (Rupees Four thousand three hundred lakhs only)** is earmarked. Government, as per orders 2nd read above has accorded administrative sanction for the implementation of the 'Keragramam' component for an amount of Rs 4300.00 lakhs .

Objectives:-

Major objectives of the scheme proposed are - Integrated management of coconut gardens with INM, IPM, application of organic manure, promotion of inter cultivation, intercropping, improvement of irrigation facilities, popularisation of climbing devices for easy harvesting, promotion of value addition ventures etc in potential Panchayats.

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.
- Promotion of value addition / processing ventures

Detailed programme and activities envisaged are furnished below

1. Integrated Management of Coconut Gardens.

The major programme proposed during 2019-20 under Keragramam is Integrated Management of Coconut Gardens on a cluster basis. The programme is intended to be implemented in 55 **new Keragramams** with a project area unit size of **250 ha** each during 2019-20. Thus a total area of 13750 Hectare (@175 palms/ha) is proposed to 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.

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 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 meters 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 under taking PP operations, including prophylactic spraying, 50 % subsidy limited to **Rs.10/-per palm** will 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.

For the release of Bio control agents, service of **State Biocontrol Laboratory, Mannuthy and Parasite Breeding Stations** will be availed. 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 garden.

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 may 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 13,750 ha @ 250 ha/ Keragramam. An amount of Rs.2090.00 lakhs is set apart for the above 7 sub components (a to g) under Integrated Management of Coconut Gardens under the state plan share , for 55 no.s of Keragramams @ Rs 38.00 lakhs 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.**

An additional amount of **Rs 24.50 lakhs per Keragramam** can thus be mobilised from LSGD plan fund (Janakeeyasoothrana projects) to undertake activities enlisted above as a supplementary fund so as to ensure the participation of the LSGD in the project as a token of its commitment to continue the project in the subsequent years. Development funds of the MLA can also be utilized for the purpose. However delay or non release of such funds should not be a hindrance in timely launching and successfully completing the project using only the state plan funds allotted.

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 **Rs10000/- 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 like that of **State Horticulture Mission**. The maximum assistance for irrigation component is limited to Rs.25000/- per ha. An amount of **Rs.275.00 lakhs** is set apart for this component @ **Rs 5.0 lakhs** per keragramam, for covering an additional area of 1100 ha, in 55 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. 3355 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. 67.1 lakhs @ Rs 1.22 lakhs** 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 Meter size and for meeting material cost of inputs aiding in composting. It is proposed to establish 440 such organic manure production units in 55 keragramams @ 8 per keragramam. Assistance can be proportionately given to units of smaller size also. An amount of **Rs.44.00 lakhs @ 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 13750 ha. in selected 55 Grama panchayats @250ha/Keragramam. Expenditure for the conduct of cluster formation, cluster trainings, trainings, meetings, DTP outsourcing and other unforeseen related expenses can be met from the funds under this sub-component, for which an amount of **Rs 8.25 lakhs @ Rs.15,000/- per Keragramam** is earmarked.

6. Assistance for Panchayat level Kera Samithies (Societies)

An amount of Rs 275.00 lakhs is earmarked to provide assistance to 55 no.s of Kera Samithies / Societies formed in each Keragramams at the rate of Rs 5.0 lakh per Kera Samithy / Society for their establishment, to take up and organise common activities like value addition, agro processing units, marketing, organise activities on a group approach and to undertake activities related to coconut husk procurement and coir making.

(a) Promotion of group activities and small scale coconut based enterprises :-

An amount of **Rs. 55.00 lakhs** is earmarked to provide assistance to 55 no.s of kera samithies / societies formed in each Keragramams @ **Rs 1.0 lakh per kera samithy / society** for their establishment and for organising activities on a group approach for cultural operations, application of manures and fertilizers, plant protection activities on a campaign basis, survey 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 registration of new samithies, campaigns, trainings, meetings, survey 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 110 lakhs** is set apart to 55 no.s of kera samithies / societies formed in each Keragramams @ **Rs 2.0 lakh per kera samithy / society** to provide assistance to entrepreneurs to start small scale coconut based enterprises for value addition and agroprocessing like production of coconut oil, coconut virgin oil, coconut hair oil, bottling of coconut water as soft drink, coconut milk cream, coconut cream powder, desicated coconut, coconut palm jaggery, shell charcoal, shell powder, vinegar, products from coir fiber, handy crafts etc.

As per the Direction of the Government, the norms for extending support to micro, small, medium coconut based enterprises under this scheme will be based on the following broad guide lines of the Entrepreneur support scheme (ESS) of Industries Department.

6 (a)1. An assistance of **15 %** limited to Rs 2.00 lakhs will be payable on the fixed capital investment of all micro, small and medium enterprises.

6 (a)2. All micro, small and medium enterprises established by entrepreneurs belonging to **Women, Scheduled Castes and Scheduled Tribes and Young entrepreneurs** (between the age of 18 and 45 years) shall be eligible for an assistance of **20 %** of the fixed capital investment.

6 (a)3. Since Agro based and food processing industries have been declared under **priority industries**, this sector shall be eligible for an additional assistance of **10 %** of the fixed capital investment.

6 (a)4. In the case of all micro, small and medium enterprises set up in the districts of **Idukki, Wayanadu, Kasaragode and Pathanamthitta** there will be an additional assistance of **10 %** of the fixed capital investment.

6 (a)5. In the case of micro, small and medium industrial units set up after acquiring **new technology from approved research institutions**, recognized as such by State or Central Government, there shall be an additional assistance of **10 %** of the fixed capital investment.

However total assistance for an enterprise shall not exceed Rs 2.0 lakhs. Savings from group activities 6(a) and coir processing 6 (b) can be utilised for giving assistance to more entrepreneurs.

The principal elements of Fixed Capital Investment such as land, land development costs, building, essential office infrastructure, plant and machinery, electrification costs, testing equipment, generator, other energy generating equipment, pollution control equipment and investments on recycling of water, waste and rain harvesting if utilized for industrial purpose shall be admitted for assistance. The Assistant Director of Agriculture shall be competent to declare a component essential to the unit on a case by case based on the project submitted to the Assistant Director of Agriculture for approval.

Assistance to any unit which has already received any subsidy or grant earlier under other schemes, from other Government agencies, any state owned financial institution shall be limited to the balance remaining eligible assistance payable under the Keragramam scheme.

(b) Coconut husk procurement and coir making :-

It is proposed to promote coconut husk procurement and coir making units in keragramams. In order to undertake activities related to coconut husk procurement and working capital for establishing a coir processing unit in the cluster an amount of **Rs 110.00 lakhs** is earmarked @ **Rs 2.0 lakhs per kerasamithy / Society**. The assistance can be extended to a group/ society or an SHG willing to undertake this activity. This activity can be linked with the schemes of the **Coir Development Department**, and can avail eligible subsidy from that Department also. Any savings from this component can be utilized to organise activities mentioned under 6 (a) or as a working capital for value addition and agro processing units mentioned in 6 (c) .

For those clusters having more than 250 ha coconut area, the plan fund savings if any from the 6th component can also be utilized for treating the additional area (over and above 250 ha) with the integrated management components @ Rs 15200/- per ha.

(c) Project based support for agro processing and value addition through Small Farmers Agri Business Consortium (SFAC) :-

Agro processing and value addition is regarded as sun rise sector of Kerala economy in view of its large potential for economic growth. Consequent to the declaration of 'Coconut Council' and 'Coconut Year', the Government of Kerala has announced support to value addition projects giving thrust to coconut. **Small Farmers Agri Business Consortium (SFAC)** has been identified as the implementing agency for promoting value addition projects.

For establishing coconut based value addition units for the production of coconut virgin oil, coconut milk cream, coconut palm jaggery, shell charcoal, shell powder, vinegar, handy crafts etc and to undertake its marketing, an assistance of **Rs 25.00 lakhs per Keragramam** will be provided as project based back ended subsidy by SFAC subject to the conditions and guide lines laid down by SFAC and following the norms of Entrepreneur Support Scheme of Industries Department.

Viable projects by clusters, SHGs, NGOs, Partnership firms, FPOs and individual entrepreneurs availing loan from any nationalized / scheduled /co-operative /Regional Rural Banks/ other non banking financial institutions will also be considered for assistance from SFAC under this scheme. Active Panchayat level Kerasamithies formed during the year 2014-15, 2015-16, 2016-17, 2017-18,2018-19 can also be extended support from this provision.

The support from LSGs and special development fund of MLAs may also be pooled and linked with these in extending maximum assistance to the farmers for taking up cluster based common activities where ever possible. 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.

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ABSTRACT OF THE PROJECT - TABLE I

COCONUT DEVELOPMENT SCHEME 2019-20					
KERAGRAMAM (H/ac 2401-00-103-87 PLAN)					
Sl: No	COMPONENTS and rate of assistance	PHYSICAL		FINANCIAL (in lakhs)	
		one Keragramam	Total	one Keragramam	Total
	No. of Keragramams	1 no	55 no.s	50.17	2759.35
	Area / Keragramam	250 ha	13750 ha	97.67	7715.93
	Palms / keragramam @ 175 palm /ha	43750 palms	2,40,6250 palms		
1.	Integrated management of Coconut gardens				
a)	Intercultural Operations- opening of coconut basins, weeding, mulching etc (50% subsidy @ Rs 35/palm)			15.3125	842.1875
b)	Coconut husk burial for moisture conservation (50% subsidy @ Rs 50/palm)			21.875	1203.125
c)	Application of Soil ameliorants, manures, fertilizer and PPC				
	1) Soil ameliorants (Lime/ Dolomite) (75% subsidy @ Rs 9/palm)			3.9375	216.5625
	2) Fertilizers (50% subsidy @ Rs 20/palm)			8.75	481.25
	3) Magnesium sulphate (50% subsidy @ Rs 3.75/palm)			1.64	90.20
	4) Organic manure (50% subsidy @ Rs 25/palm)			10.9375	601.5625
	5) PPC operation (50% subsidy @ Rs 10/palm)			4.375	240.625
d)	Appln of Bio-fertilizers / Bio-pesticides & Bio-control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as labour charges)			32.8125	1804.6875
e)	Cut & removal of disease affected, old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha)			25.00	1375.00
f)	Replanting with good quality seedlings (50% subsidy limited to Rs 60/ seedling for 7 palms /ha)			1.05	57.75
g)	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha)			15.00	825.00
	Total			140.69	7737.95
	SUBTOTAL (A) Limited to Rs 25000/ha ie Rs 62.5 lakhs /Keragramam (38 lakhs from state annual plan (@ Rs 15200/ha) and 24.5 lakhs as LSGD share under Janakeeyasoothranam)				
			State Plan Share	38.00	2090.00
			LSGD Share	24.50	1347.50
			Total	62.50	3437.50

2.	Installation of irrigation Components including micro irrigation (50% subsidy limited to Rs 25000/ha) @ 20 ha/keragramam	20 ha	1100 ha	5.00	275.00
3.	Coconut climbing equipment for clusters (subsidy @ Rs 2000/unit) @ 61 units \ Keragramam	61 no.s	3355 no.s	1.22	67.10
4.	Est: of Organic manure production units (subsidy @ Rs 10000/unit) @ 8 nits / Keragramam	8 no.s	440 units	0.80	44.00
5.	Operational support @ Rs 15000/ KB/KG			0.15	8.25
6.	Assistance for panchayat level Kerasamithies/ societies @ Rs 30 lakhs				
	a. Assistance for panchayat level kerasamithies/ societies (@Rs 1 lakh for promotion of group activities and small scale coconut based enterprises	1 no	55 no.s	3.00	165.00
	b. Assistance for coconut husk procurement and mini coir processing units @ Rs 2 lakhs/unit	1 no	55 no.s	2.00	110.00
	c. Assistance for coconut based value added enterprises (assistance from SFAC) – Project based support	1 no	55 no.s	25.00	1375.00
	SUB TOTAL 2 to 6 (B)		State Plan Share	12.17	669.35
			SFAC Share	25.00	1375.00
			Total	37.17	2044.35
	GRAND TOTAL (A+B)			99.67	5481.85
	SFAC share			25.00	1375.00
	LSGD share			24.50	1347.50
	State Plan share (OC)			50.17	2759.35

Project Area : -

The programme will be implemented in newly selected 55 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 panchayat may also be added to constitute a keragramam.

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 lakhs will be provided as second year assistance for each Keragramams established during previous year, ie 2018-19 (77 Keragramams). A total amount of Rs 1540.65 lakhs 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 lakhs)	No.of Keragramams	Total amount (Rs in lakhs)
1	Integrated management of coconut gardens	19.75	77	1520.7500
2	Assistance to Panchayat level Kerasamithy	0.20	77	15.4000
3	Operational support to Krishibhavan / Keragramam	0.05850	77	4.5045
	Total	20.0085		1540.6545 ltd to 1540.65

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. However the financial support from the State Plan fund will be limited to **Rs 19.75 lakhs per Keragramam (@ Rs 0.079 lakhs per ha)**. The most critical activity for productivity improvement shall be selected for implementation utilizing the plan fund. Other activities can also be undertaken from the funds supplemented by the concerned LSGD. An amount of **Rs 1520.75 lakhs** is earmarked for this component.

An amount of **Rs. 15.40 lakhs** is set apart to provide **second year assistance to 77 no.s of kera samithies / societies** formed during 2018-19 @ **Rs 0.20 lakh per kera samithy / society** for 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 4.5045 lakhs @ Rs.5850/- per Keragramam** is earmarked as **Operational support to 77 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.

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 Kerasamithy/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.

The Agricultural Officer of Krishibhavans 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)** and **Annexure-2 (second 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 3 &4**) immediately on completion of the project

District wise physical and financial target for second year assistance is appended as **Annexure 5** and the targets for the first year assistance will be communicated shortly as **Annexure 6**.

During the financial year 2019-20, an amount of Rs 6900.00 lakhs is provided under the head of account **2401-00-103-87 Plan** " Coconut Development Scheme", out of which **Rs 4300.00 lakhs** is earmarked for implementing Keragramam 2018-19. 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

Sl.No	Item	No.of Keragramams	Total amount (Rs in lakhs)
1	Assistance for I year (OC)	55	2759.35
2	Assistance for II year (OC)	77	1540.65
	Total	132	4300.00


 12/4/19
Director of Agriculture

To

All Principal Agricultural Officers for information and n/a
 TA to Director of Agriculture

CAs to Addl.DA(Plg), Addl.DA(CP), Addl.DA(Farms),
 Addl.DA(Extn), Addl.DA(Mktg), SAE.

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

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 12/4/19
 11/4/19

Annexure-1

**PROGRESS REPORT OF THE SCHEME FOR COCONUT DEVELOPMENT-"KERAGRAMAM 2019-20
(FIRST 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)	Intercultural Operations- opening of coconut basins, weeding, mulching etc (50% subsidy @ Rs 35/palm) - Plan share						
	- LSGD share						
b)	Coconut husk burial for moisture conservation (50% subsidy @ Rs 50/palm) - Plan share						
	- LSGD share						
c)	Application of Soil ameliorants, manures, fertilizer and PPC						
	1) Soil ameliorants (Lime/ Dolomite/Gypsum) (75% subsidy @ Rs 9/palm/kg) - Plan share						
	- LSGD share						
	2) Fertilizers (50% subsidy @ Rs 20/palm) - Plan share						
	- LSGD share						
	3) Magnesium sulphate (50% subsidy @ Rs 3.75/palm) - Plan share						
	- LSGD share						
	4) Organic manure (50% subsidy @ Rs 25/palm) - Plan share						
	- LSGD share						
	5) PPC operation (50% subsidy @ Rs 10/palm) - Plan share						
	- LSGD share						
d)	Appln of Bio-fertilizers / Bio-pesticides & Bio-control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as labour charges) - Plan share						
	- LSGD share						
e)	Cut & removal of disease affected, old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha) - Plan share						
	- LSGD share						
f)	Replanting with good quality seedlings (50 % subsidy limited to Rs 60/ seedling for 7 palms/ha) - Plan share						
	- LSGD share						
g)	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha) - Plan share						
	- LSGD share						
	(A) State annual plan share (@Rs 15200/ha)						
	(B) LSGD share (@ Rs 9800 /ha)						
	Sub total (A+B) @ Rs 25000/ha						

Sl: No	COMPONENTS	Amount allotted (lakhs)	PHYSICAL		FINANCIAL (Lakhs)		Remarks
			TARGET	ACHIEVEMENT	TARGET	ACHIEVEMENT	
	Installation of irrigation Components including micro irrigation (50% subsidy limited to Rs 25000/ha) @ 20 ha / KG						
	Coconut climbing equipment for clusters (subsidy @ Rs 2000/unit) @ 61 units / KG						
	Est. of Organic manure production units (subsidy @ Rs 10000/unit) @ 8 units / KG						
	Operational support @ Rs 15000/ KB/KG						
	Assistance for panchayat level Kerasamithies @ Rs 30 lakhs / KG						
	Assistance for group activities @ Rs 1 lakh per KG and small scale coconut based enterprises @ Rs 2lakh per KG						
	Assistance for coconut husk procurement & mini coir processing units @ Rs 2 lakhs per/unit						
	Assistance for coconut based value added enterprises (from SFAC- project based)						
	Sub total (II to VI)						
	TOTAL						
	Plan Share (A+II+III+IV+V+ VI a,b)						
	LSGD Share(B)						
	SFAC Share(VI c)						
	GRAND TOTAL						

Principal Agricultural Officer

Annexure-2

**PROGRESS REPORT OF THE SCHEME FOR COCONUT DEVELOPMENT-"KERAGRAMAM 2019-20
(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) - Plan share						
	- LSGD share						
b)	Coconut husk burial for moisture conservation (50% subsidy @ Rs 50/palm) - Plan share						
	- LSGD share						
c)	Application of Soil ameliorants, manures, fertilizer and PPC						
	1) Soil ameliorants (Lime/ Dolomite/Gypsum) (75% subsidy @ Rs 9/palm/kg) - Plan share						
	- LSGD share						
	2) Fertilizers (50% subsidy @ Rs 20/palm) - Plan share						
	- LSGD share						
	3) Magnesium sulphate (50% subsidy @ Rs 3.75/palm) - Plan share						
	- LSGD share						
	4) Organic manure (50% subsidy @ Rs 25/palm) - Plan share						
	- LSGD share						
	5) PPC operation (50% subsidy @ Rs 10/palm) - Plan share						
	- LSGD share						
d)	Appln of Bio-fertilizers / Bio-pesticides & Bio-control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as labour charges) - Plan share						
	- LSGD share						
e)	Cut & removal of disease affected, old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha) - Plan share						
	- LSGD share						
f)	Replanting with good quality seedlings (50 % subsidy limited to Rs 60/ seedling for 7 palms/ha) - Plan share						
	- LSGD share						
g)	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha) - Plan share						
	- LSGD share						
	(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						
	Assistance for panchayat level Kerasamithies @ Rs 30.20 lakh / KG						
	Sub total (II to III)						
	TOTAL						
	Plan Share (A+II+III)						
	LSGD Share (B)						
	GRAND TOTAL						

Principal Agricultural Officer

COMPLETION REPORT OF THE SCHEME FOR COCONUT DEVELOPMENT - KERAGRAMAM 2019-20 *(First 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											
I	Integrated management of Coconut gardens											
	Intercultural Operations- opening of coconut basins, weeding, mulching etc (50% subsidy @ Rs 35/palm)											
a)	- Plan share											
	- LSGD share											
	Coconut husk burial for moisture conservation (50% subsidy @ Rs 50/palm) - Plan share											
b)	- LSGD share											
	Application of Soil ameliorants, manures, fertilizer and PPC											
c)	1) Soil ameliorants (Lime/ Dolomite/Gypsum) (75% subsidy @ Rs 9/palm/kg) - Plan share											
	- LSGD share											
	2) Fertilizers (50% subsidy @ Rs 20/palm) - Plan share											
	- LSGD share											
	3) Magnesium sulphate (50% subsidy @ Rs 3.75/palm) - Plan share											
	- LSGD share											
	4) Organic manure (50% subsidy @ Rs 25/palm) - Plan share											
	- LSGD share											
	5) PPC operation (50% subsidy @ Rs 10/palm) - Plan share											
	- LSGD share											
	Appln of Bio-fertilizers / Bio-pesticides & Bio-control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as d/labour charges) - Plan share											
d)	- LSGD share											
	Cut & removal of disease affected old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha) - Plan share											
e)	- LSGD share											
	Replanting with good quality seedlings (50 % subsidy limited to Rs 60/ seedling for 7 palms/ha) - Plan share											
f)	- LSGD share											
	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha) - Plan share											
g)	- LSGD share											
	(A) State annual plan share (@Rs 15200/ha)											
	(B) LSGD share (@ Rs 9800 /ha)											
	Sub total (A+B) @ Rs 25000/ha											
II.	Installation of irrigation Components including micro irrigation (50% subsidy limited to Rs 25000/ha) @ 20 ha / KG											
III.	Coconut climbing equipment for clusters (subsidy @ Rs 2000/unit) @ 51 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 for panchayat level Kerasamithies @ Rs 30 lakhs / KG											
	Assistance for group activities @ Rs 1 lakh per KG and small scale coconut based enterprises @ Rs 2lakh per a)KG											
b)	Assistance for coconut husk procurement & mini coil processing units @ Rs 2 lakhs per/unit											
c)	Assistance for coconut based value added enterprises (from SFAC- project based)											
	Sub total (II to VI)											
	TOTAL											
	Plan Share (A+II+III+IV+V+ VI a,b)											
	LSGD Share (B)											
	SFAC Share(VI c)											
	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 2017-18 has been fully utilized for the purpose for which it was allotted.

Sd/-
PAO:district

COMPLETION REPORT OF THE SCHEME FOR COCONUT DEVELOPMENT-KERAGRAMAM 2019-20-(Second year assistance)
2401-00-103-87 PLAN

STRICT -

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													
I	Integrated management of Coconut gardens													
a)	Intercultural Operations- opening of coconut basins, weeding, mulching etc (50% subsidy @ Rs 35/palm) - Plan share													
	- LSGD share													
b)	Coconut husk burial for moisture conservation (50% subsidy @ Rs 50/palm) - Plan share													
	- LSGD share													
c)	Application of Soil ameliorants, manures, fertilizer and PPC													
	1) Soil ameliorants (Lime/ Dolomite/Gypsum) (75% subsidy @ Rs 9/palm/kg) - Plan share													
	- LSGD share													
	2) Fertilizers (50% subsidy @ Rs 20/palm) - Plan share													
	- LSGD share													
	3) Magnesium sulphate (50% subsidy @ Rs 3.75/palm) - Plan share													
	- LSGD share													
	4) Organic manure (50% subsidy @ Rs 25/palm) - Plan share													
	- LSGD share													
	5) PPC operation (50% subsidy @ Rs 10/palm) - Plan share													
	- LSGD share													
d)	Appln of Bio-fertilizers / Bio-pesticides & Bio-control agents (50% subsidy @ Rs 25/palm & Rs 50/palm as labour charges) - Plan share													
	- LSGD share													
e)	Cut & removal of disease affected, old and senile palms (@ Rs 1000/palm limited to Rs 10000/ha) - Plan share													
	- LSGD share													
f)	Replanting with good quality seedlings (50 % subsidy limited to Rs 60/ seedling for 7 palms/ha) - Plan share													
	- LSGD share													
g)	Intercropping in coconut garden (50% subsidy limited to Rs 6000/ha) - Plan share													
	- LSGD share													
	(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													
	Plan Share (A+II+III)													
	LSGD Share(B)													
	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 2017-18 has been fully utilized for the purpose for which it was allotted.

Sd/-
PAO,district

Annexure -5							
COCONUT DEVELOPMENT SCHEME -2019-20							
2401-00-103-87 PLAN							
District Wise Physical and Financial Target for the second year assistance for Keragramams started during 2018-19							
Sl: No	Name Of District	No.of 2 nd Year Keragramams	Area in Ha	Integrated management component @ Rs 19.75 lakhs per Keragramam	Operational support @ Rs 0.05850 lakhs per Keragramam	Assistance to Pnchyt level Kerasamithies @ Rs 0.20 lakhs per Keragramam	Total
1	Trivandrum	3	750	59.25000	0.17532	0.60000	60.02532
2	Kollam	10	2500	197.50000	0.58440	2.00000	200.08440
3	Pathanamthitta	0	0	0.00000	0.00000	0.00000	0.00000
4	Alleppey	5	1250	98.75000	0.29220	1.00000	100.04220
5	Kottayam	2	500	39.50000	0.11688	0.40000	40.01688
6	Idukki	0	0	0.00000	0.00000	0.00000	0.00000
7	Ernakulam	3	750	59.25000	0.17532	0.60000	60.02532
8	Thrissur	9	2250	177.75000	0.52596	1.80000	180.07596
9	Palakkad	8	2000	158.00000	0.46752	1.60000	160.06752
10	Malappuram	15	3750	296.25000	0.87660	3.00000	300.12660
11	Kozhikode	12 ⁶	3000	237.00000	0.70140	2.40000	240.10140
12	Wayanad	0	0	0.00000	0.00000	0.00000	0.00000
13	Kannur	7	1750	138.25000	0.40908	1.40000	140.05908
14	Kasaragod	3	750	59.25000	0.17532	0.60000	60.02532
	TOTAL	77	19250	1520.75000	4.50000	15.40000	1540.65000

CS
14/4/19
Director of Agriculture

10/4/19
Aos (7B)

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11/4/19